

Data File : BF115269.D
Acq On : 28 Jun 2019 9:36
Operator : HP/JU
Sample : PB120890BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Quant Time: Jun 29 02:28:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	217963	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	853672	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	422532	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	829698	20.00	ng	0.00
76) Chrysene-d12	13.72	240	570857	20.00	ng	0.00
87) Perylene-d12	15.08	264	706476	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1595940	112.99	ng	0.02
7) Phenol-d6	6.25	99	1913222	111.60	ng	0.01
23) Nitrobenzene-d5	7.17	82	1145431	82.54	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	597687	134.14	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2238271	89.98	ng	0.00
79) Terphenyl-d14	12.68	244	2444540	91.05	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.24	88	260520	39.082 ng	99
3) Pyridine	2.90	79	665984	35.447 ng	97
4) n-Nitrosodimethylamine	2.84	42	268898	36.508 ng	97
6) Aniline	6.26	93	645784	27.408 ng	# 14
8) 2-Chlorophenol	6.39	128	651571	41.025 ng	97
9) Benzaldehyde	6.14	77	376218	33.637 ng	96
10) Phenol	6.26	94	749523	37.324 ng	91
11) bis(2-Chloroethyl)ether	6.34	93	595656	40.239 ng	100
12) 1,3-Dichlorobenzene	6.54	146	710539	40.312 ng	99
13) 1,4-Dichlorobenzene	6.62	146	721165	40.801 ng	99
14) 1,2-Dichlorobenzene	6.77	146	673672	41.157 ng	99
15) Benzyl Alcohol	6.75	79	492439	39.447 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	841653	39.202 ng	98
17) 2-Methylphenol	6.87	107	552573	42.151 ng	99
18) Hexachloroethane	7.11	117	258359	40.545 ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	419423	38.214 ng	99
20) 3+4-Methylphenols	7.02	107	633605	41.857 ng	# 86
22) Acetophenone	7.01	105	866533	44.339 ng	# 96
24) Nitrobenzene	7.18	77	658674	43.083 ng	97
25) Isophorone	7.42	82	1214663	42.727 ng	99
26) 2-Nitrophenol	7.50	139	368611	48.822 ng	98
27) 2,4-Dimethylphenol	7.55	122	613555	49.633 ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	773908	43.071 ng	98
29) 2,4-Dichlorophenol	7.74	162	574891	45.064 ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	624802	44.339 ng	98
31) Naphthalene	7.91	128	1884346	44.968 ng	99
32) Benzoic acid	7.68	122	445587	50.497 ng	98
33) 4-Chloroaniline	7.95	127	498716	26.041 ng	98
34) Hexachlorobutadiene	8.03	225	340230	44.059 ng	99
35) Caprolactam	8.32	113	102273	23.845 ng	98
36) 4-Chloro-3-methylphenol	8.44	107	571903	44.267 ng	98
37) 2-Methylnaphthalene	8.60	142	1286506	45.533 ng	99
38) 1-Methylnaphthalene	8.70	142	1202898	44.577 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	540018	45.228 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	686666	96.987	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	419654	45.525	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	438427	46.185	ng	97
46) 1,1'-Biphenyl	9.06	154	1507552	44.591	ng	98
47) 2-Chloronaphthalene	9.08	162	1211567	44.179	ng	98
48) 2-Nitroaniline	9.17	65	345151	43.170	ng	96
49) Acenaphthylene	9.49	152	1903970	44.561	ng	99
50) Dimethylphthalate	9.37	163	1372282	44.144	ng	99
51) 2,6-Dinitrotoluene	9.42	165	326323	45.468	ng	95
52) Acenaphthene	9.67	154	1105912	41.363	ng	99
53) 3-Nitroaniline	9.58	138	250336	28.583	ng	98
54) 2,4-Dinitrophenol	9.69	184	376402	99.910	ng	91
55) Dibenzofuran	9.84	168	1655138	43.131	ng	99
56) 4-Nitrophenol	9.75	139	587919	83.732	ng	95
57) 2,4-Dinitrotoluene	9.82	165	430088	46.411	ng	94
58) Fluorene	10.18	166	1170857	45.969	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	371770	46.705	ng	98
60) Diethylphthalate	10.07	149	1376321	44.044	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	572907	47.575	ng	99
62) 4-Nitroaniline	10.20	138	367957	41.879	ng	98
63) Azobenzene	10.33	77	1259179	43.142	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	230263	51.729	ng	86
66) n-Nitrosodiphenylamine	10.29	169	1152401	44.582	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	404687	44.987	ng	98
68) Hexachlorobenzene	10.72	284	434951	44.545	ng	97
69) Atrazine	10.82	200	375789	45.193	ng	99
70) Pentachlorophenol	10.91	266	538369	86.548	ng	96
71) Phenanthrene	11.12	178	1888051	42.265	ng	100
72) Anthracene	11.18	178	1930481	42.811	ng	99
73) Carbazole	11.33	167	1737662	43.154	ng	99
74) Di-n-butylphthalate	11.68	149	2097156	45.071	ng	99
75) Fluoranthene	12.31	202	1936400	43.445	ng	97
77) Benzidine	12.43	184	1057944	41.736	ng	100
78) Pyrene	12.53	202	1968836	44.878	ng	98
80) Butylbenzylphthalate	13.17	149	933005	48.191	ng	92
81) Benzo(a)anthracene	13.71	228	1814186	44.291	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	488792	33.045	ng	99
83) Chrysene	13.75	228	1738763	46.341	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1266303	49.916	ng	100
85) Di-n-octyl phthalate	14.34	149	2151386	50.474	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	2125611	47.876	ng	99
88) Benzo(b)fluoranthene	14.72	252	1972331	44.742	ng	99
89) Benzo(k)fluoranthene	14.74	252	1610560	40.741	ng	99
90) Benzo(a)pyrene	15.04	252	1802038	45.355	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1726271	46.540	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1787448	47.613	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MISC

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ClientSampleId :
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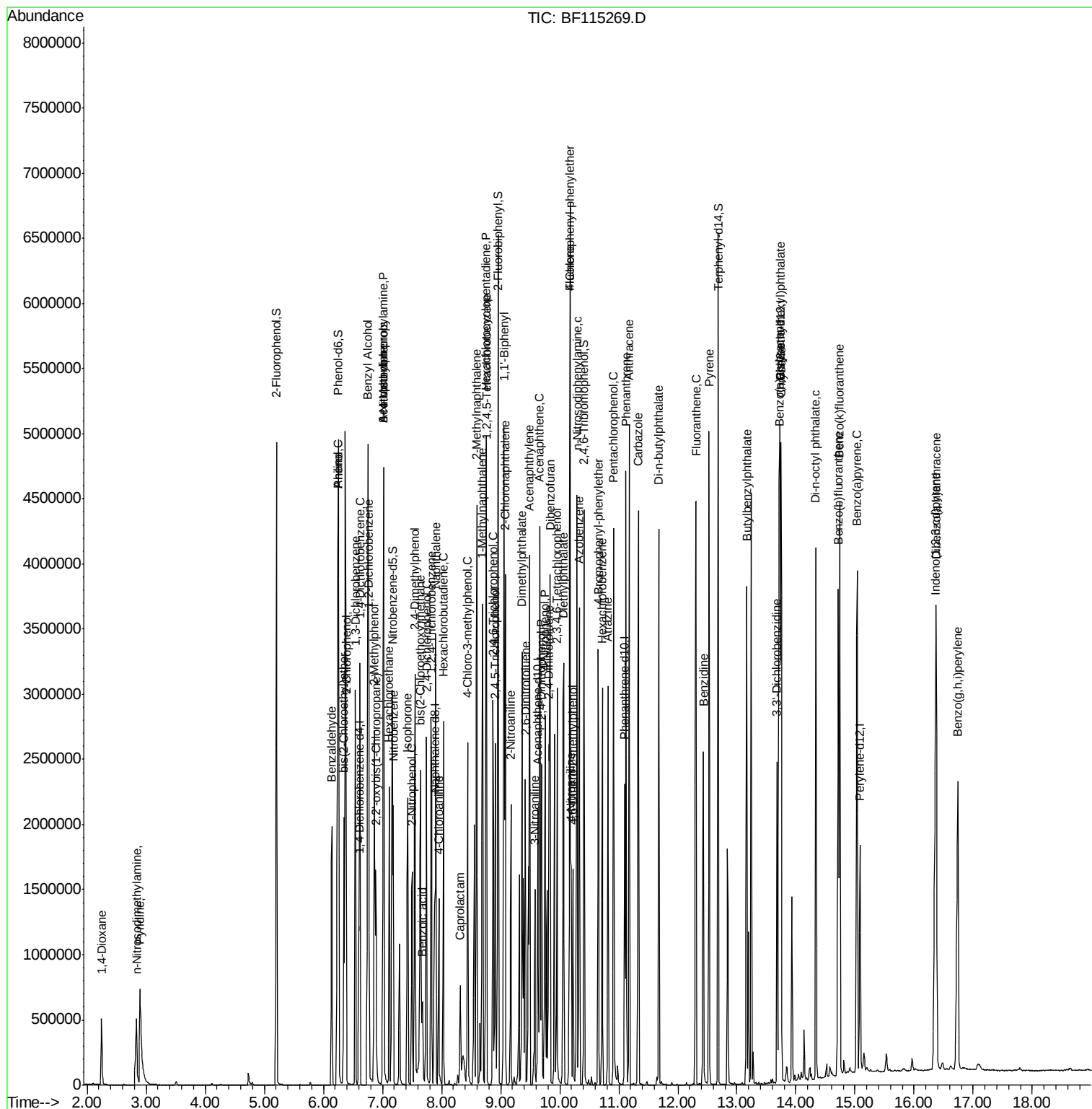
Quant Time: Jun 29 02:28:57 2019

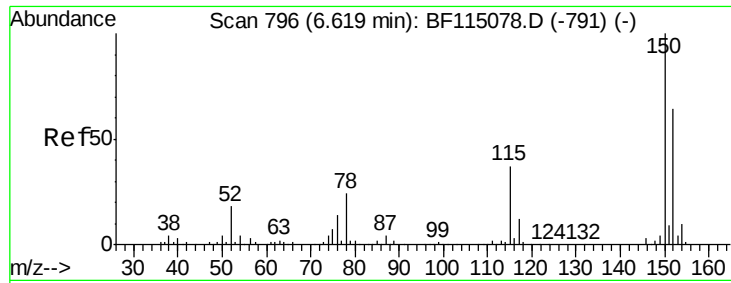
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M

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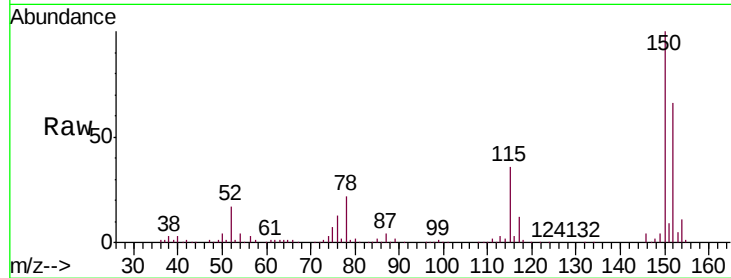


#1

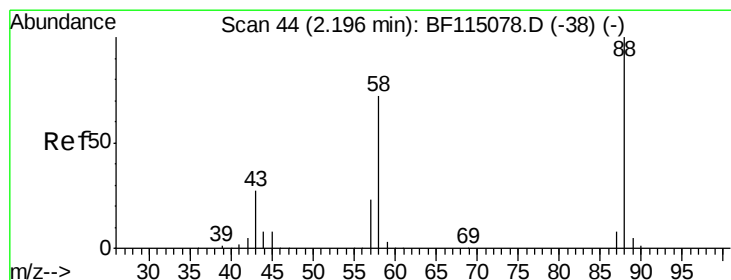
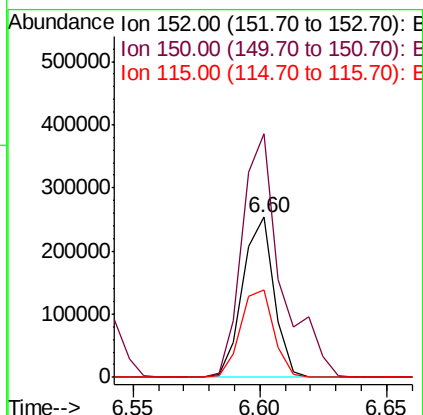
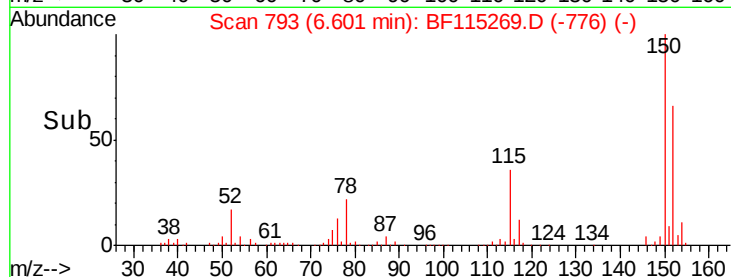
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115269.D
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Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion: 152 Resp: 217963
Ion Ratio Lower Upper
152 100
150 152.1 124.2 186.2
115 54.9 46.1 69.1



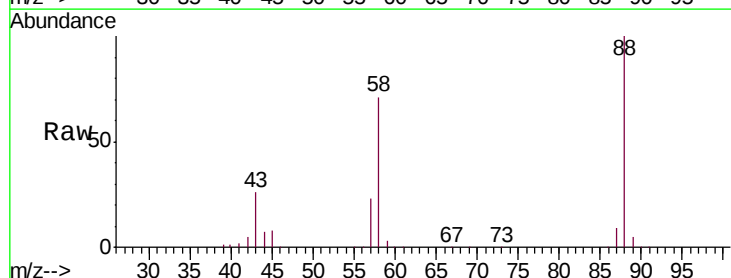
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



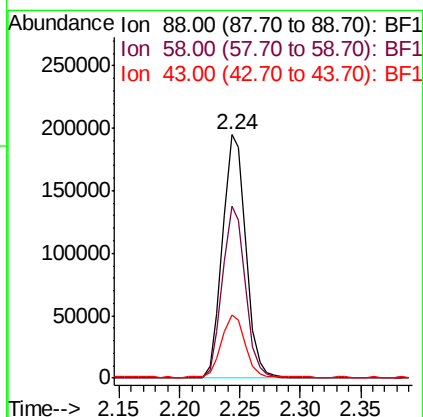
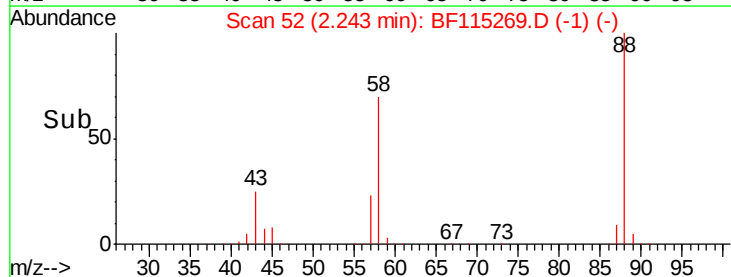
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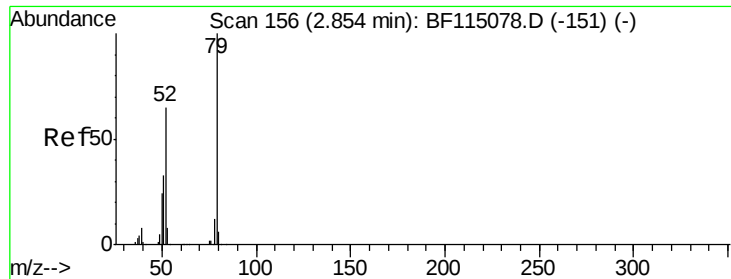
1,4-Dioxane
Concen: 39.082 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.09 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion: 88 Resp: 260520
Ion Ratio Lower Upper
88 100
58 69.6 56.1 84.1
43 25.9 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 35.447 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.09 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

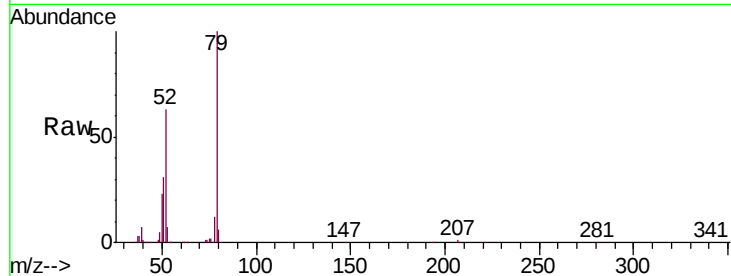
Tgt Ion: 79 Resp: 665984

Ion Ratio Lower Upper

79 100

52 62.7 52.3 78.5

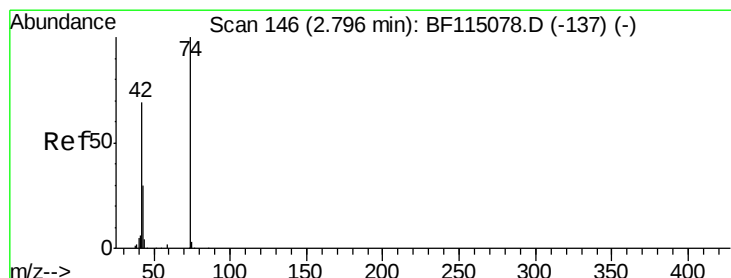
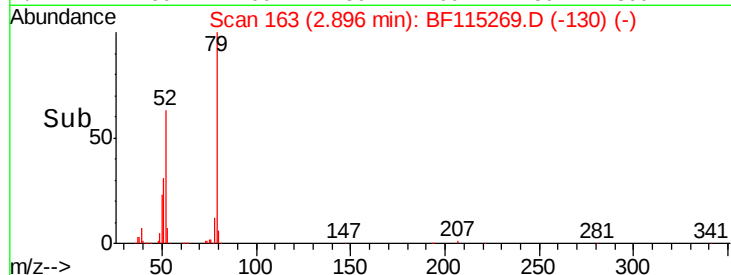
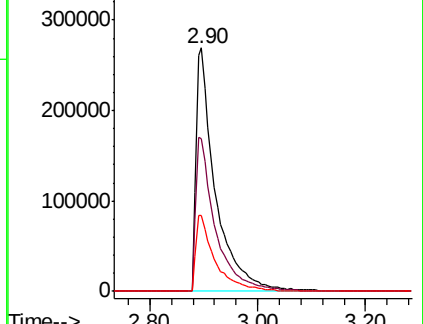
51 31.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.508 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

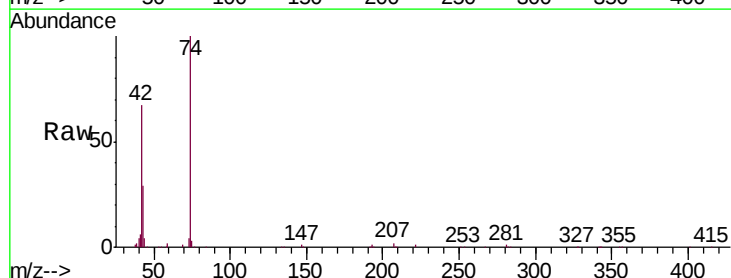
Tgt Ion: 42 Resp: 268898

Ion Ratio Lower Upper

42 100

74 150.0 116.6 175.0

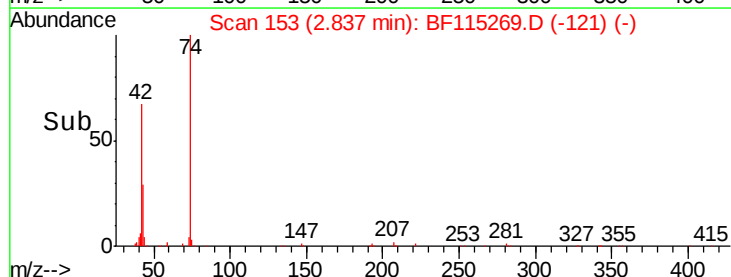
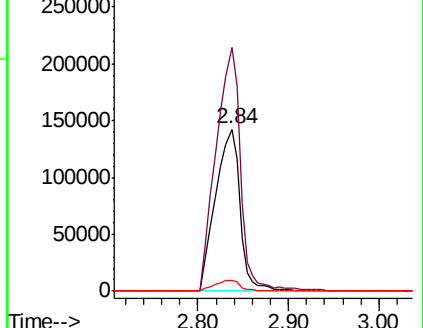
44 6.5 5.3 7.9

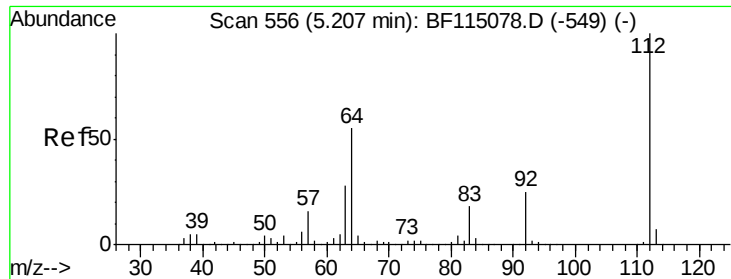


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.992 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115269.D

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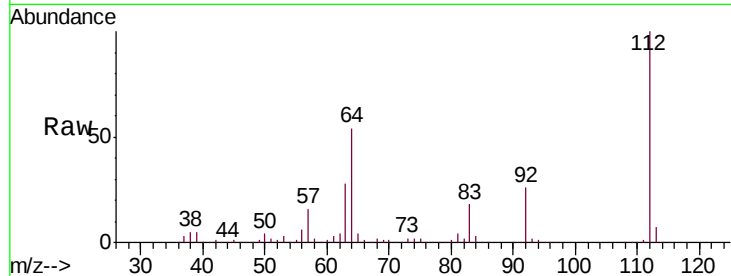
Tgt Ion: 112 Resp: 1595940

Ion Ratio Lower Upper

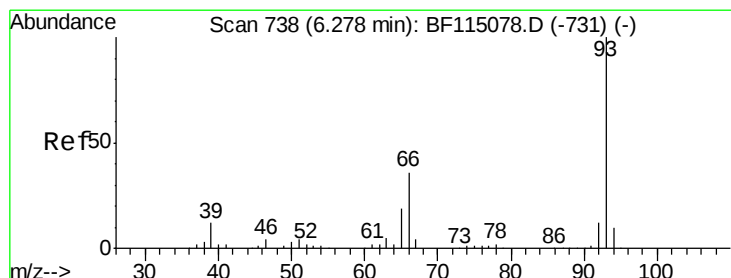
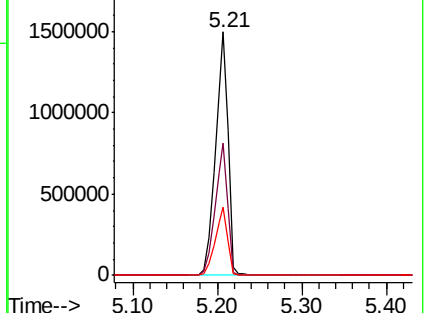
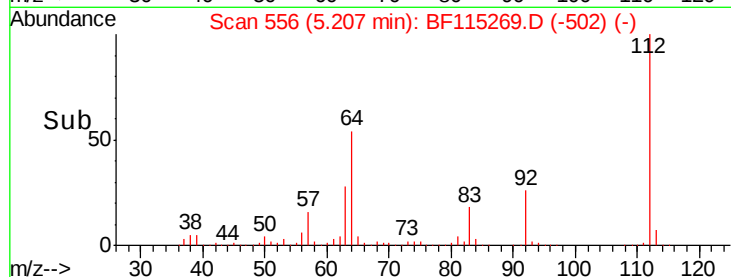
112 100

64 54.4 43.8 65.6

63 28.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
2000000 Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.408 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

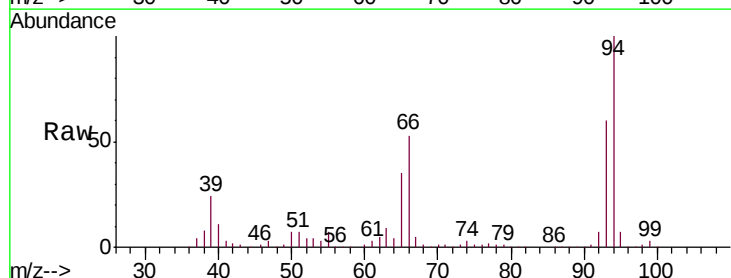
Tgt Ion: 93 Resp: 645784

Ion Ratio Lower Upper

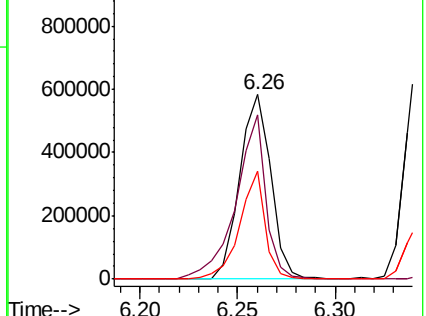
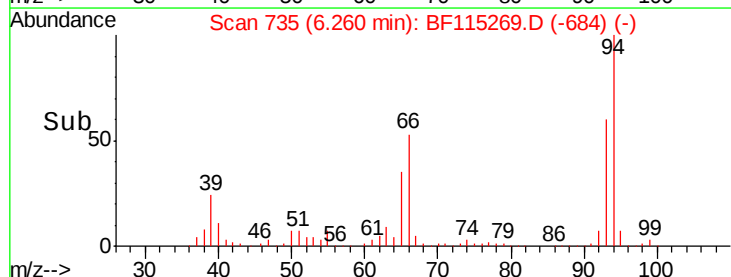
93 100

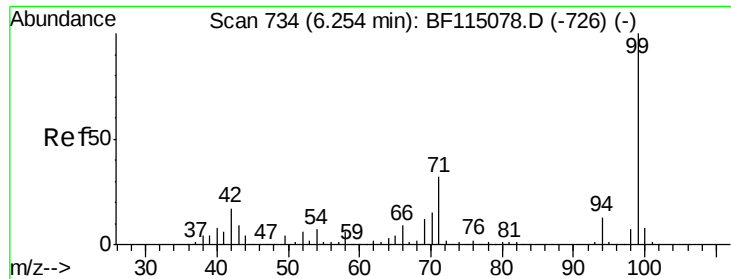
66 88.6 30.0 45.0#

65 58.7 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
1000000 Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.600 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

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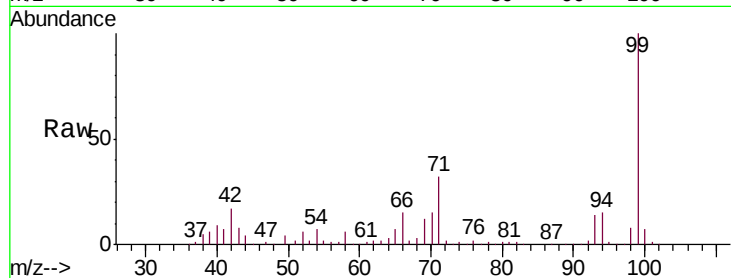
Tgt Ion: 99 Resp: 1913222

Ion Ratio Lower Upper

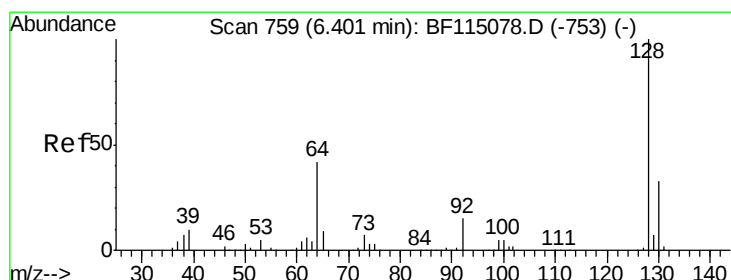
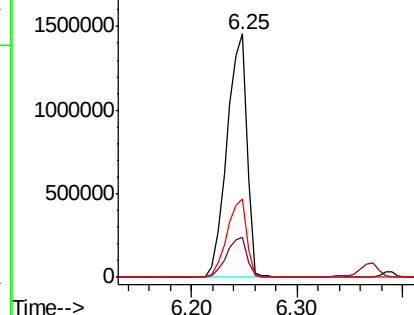
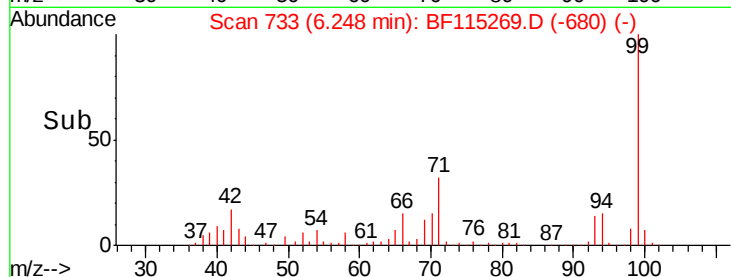
99 100

42 16.6 13.6 20.4

71 32.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.025 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

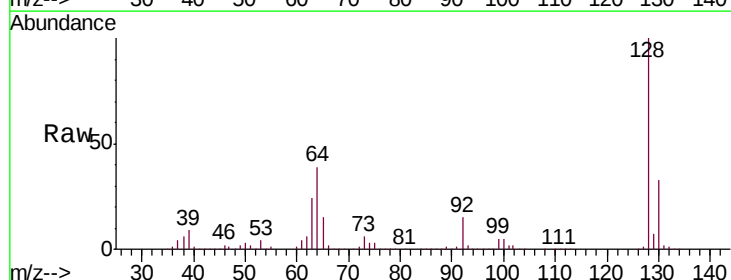
Tgt Ion: 128 Resp: 651571

Ion Ratio Lower Upper

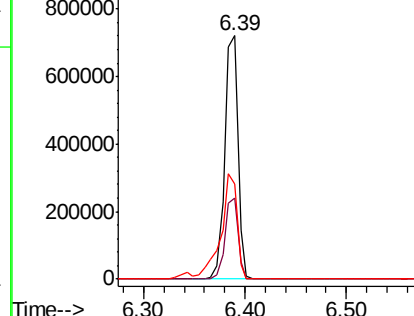
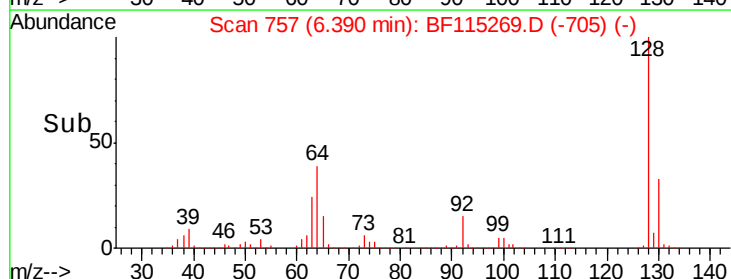
128 100

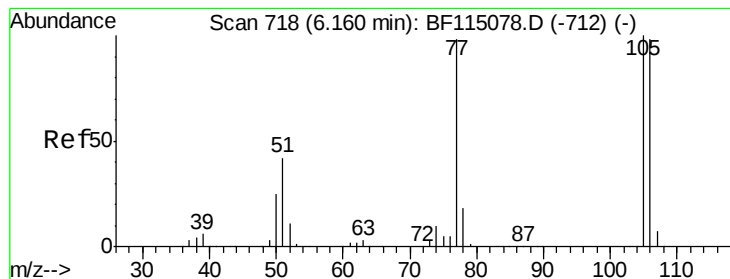
130 33.2 12.9 52.9

64 39.3 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
1000000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.637 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

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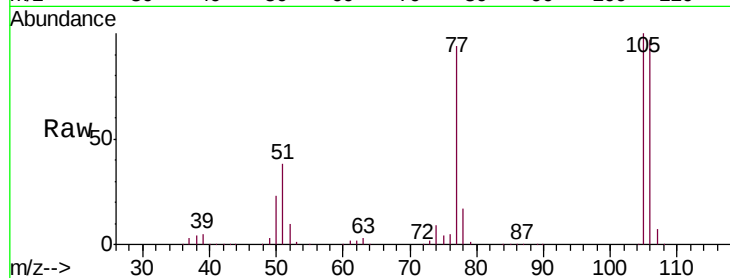
Tgt Ion: 77 Resp: 376218

Ion Ratio Lower Upper

77 100

105 106.5 81.5 121.5

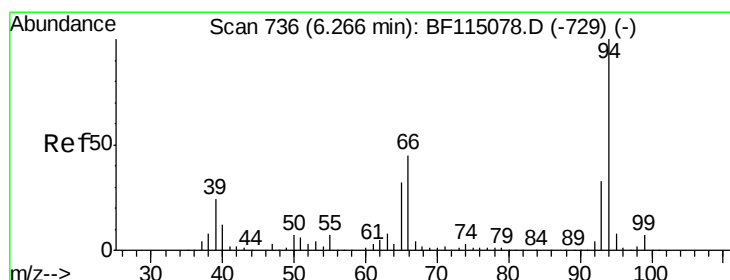
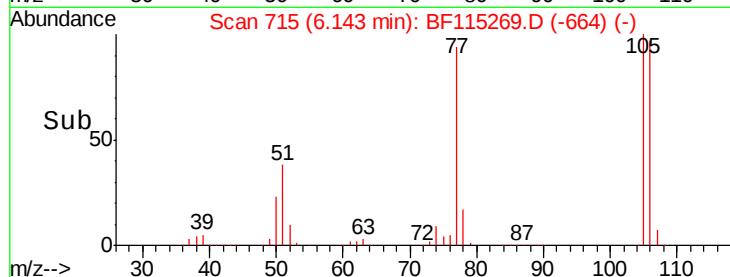
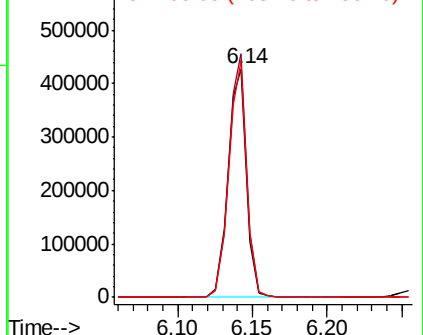
106 103.2 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.324 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

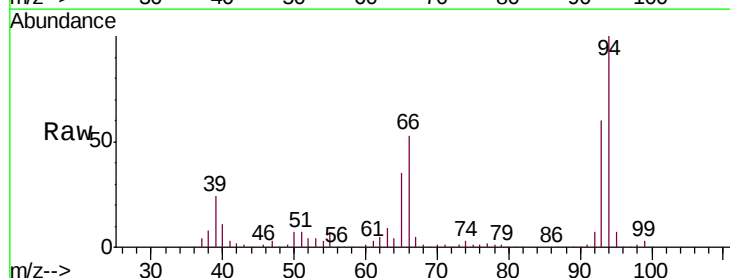
Tgt Ion: 94 Resp: 749523

Ion Ratio Lower Upper

94 100

65 35.0 11.9 51.9

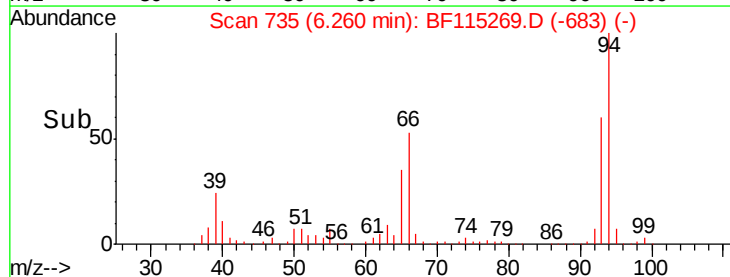
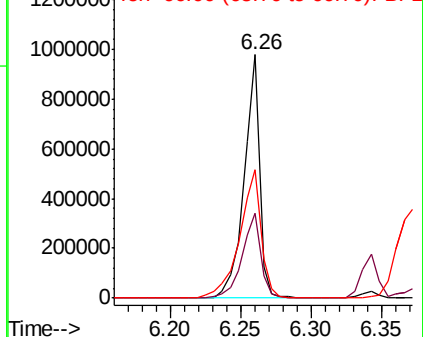
66 52.9 25.2 65.2

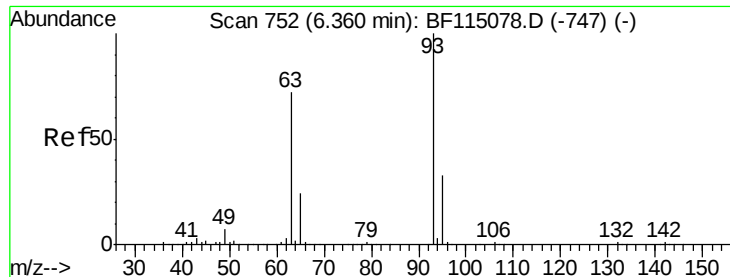


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.239 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

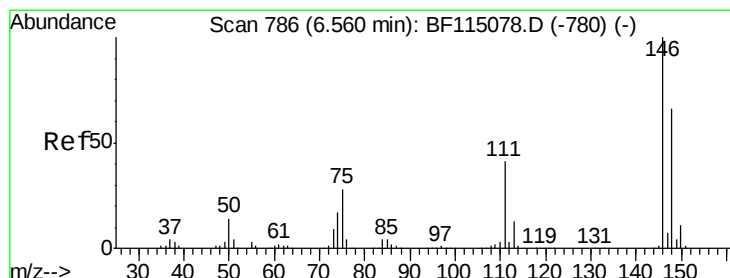
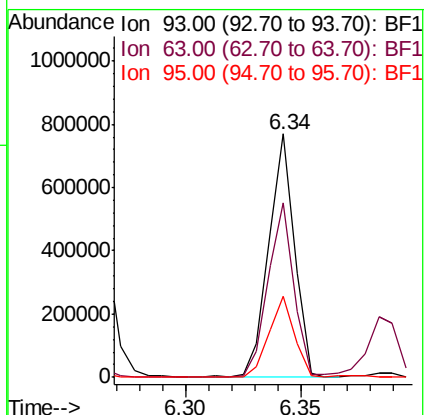
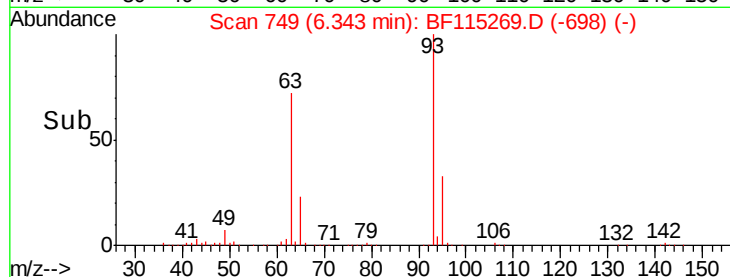
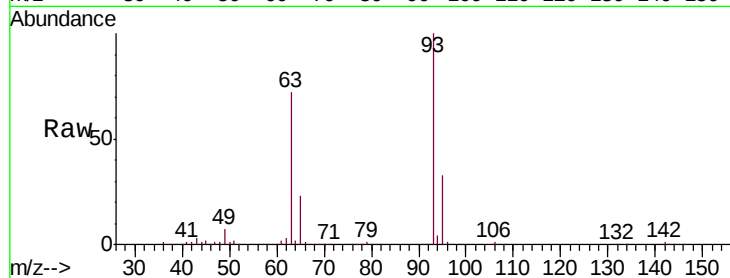
Tgt Ion: 93 Resp: 595656

Ion Ratio Lower Upper

93 100

63 71.7 51.5 91.5

95 33.0 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 40.312 ng

RT: 6.54 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

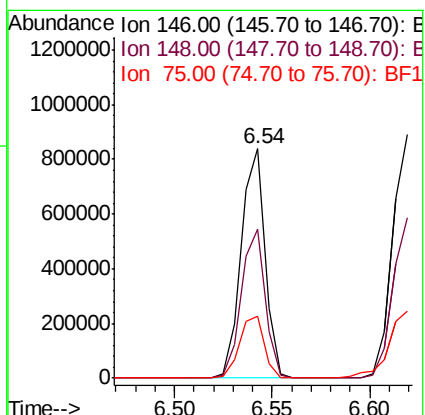
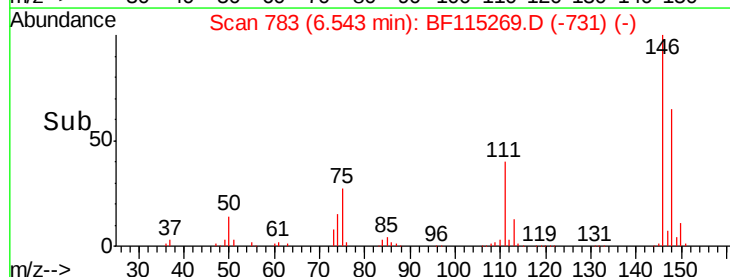
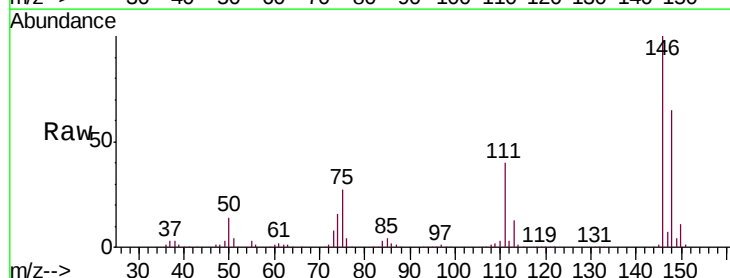
Tgt Ion: 146 Resp: 710539

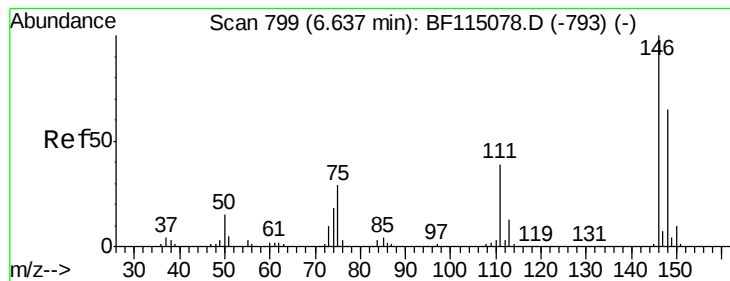
Ion Ratio Lower Upper

146 100

148 65.1 52.6 78.8

75 27.0 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 40.801 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

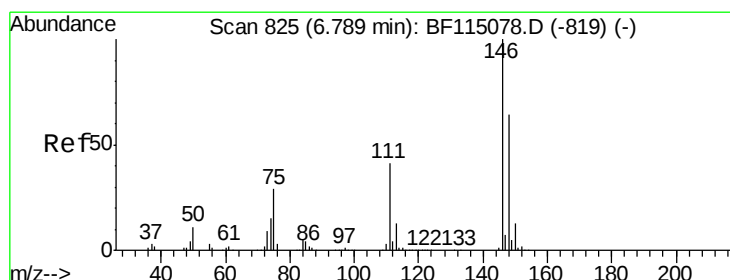
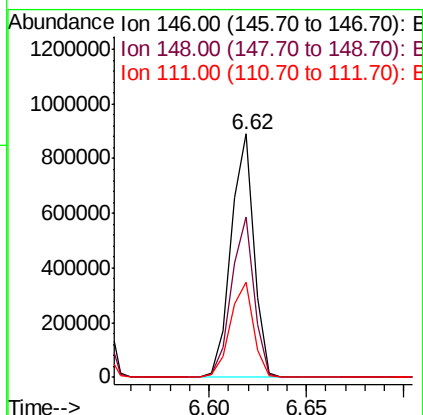
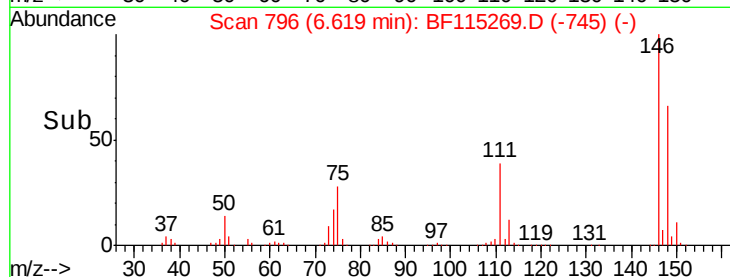
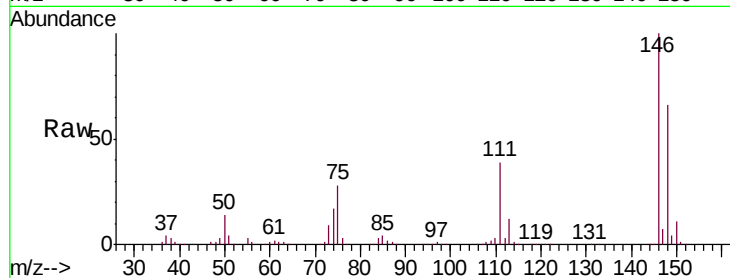
Tgt Ion:146 Resp: 721165

Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

111 38.8 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 41.157 ng

RT: 6.77 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

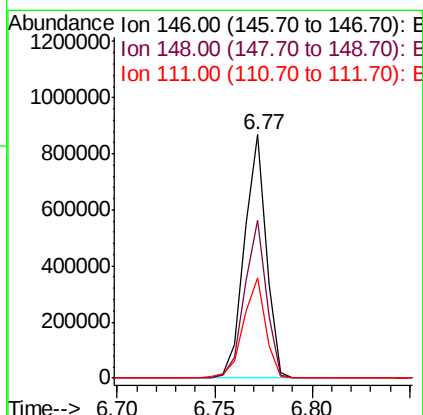
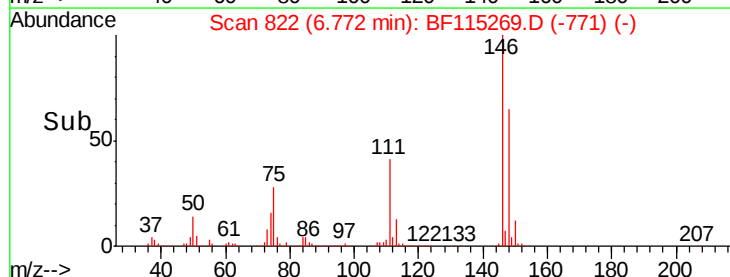
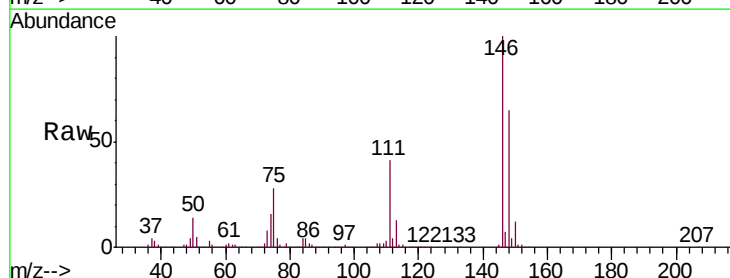
Tgt Ion:146 Resp: 673672

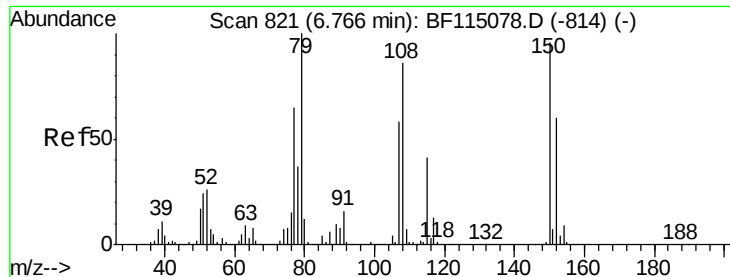
Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

111 41.0 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.447 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

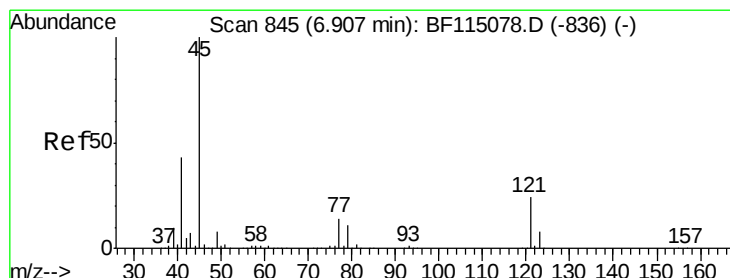
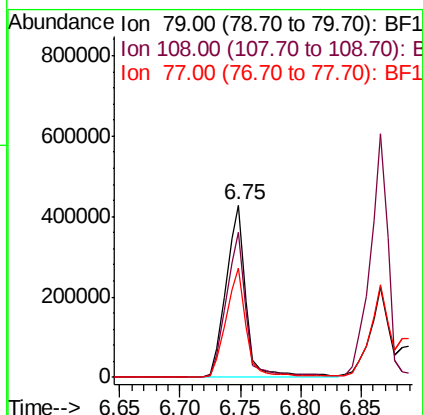
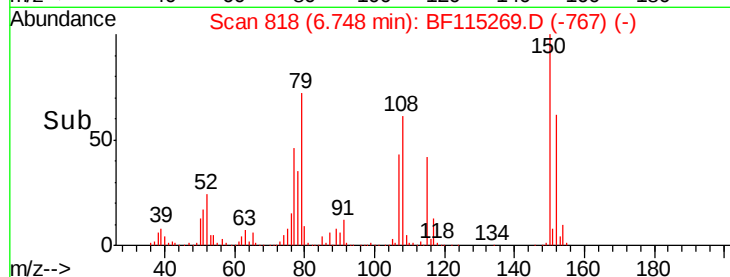
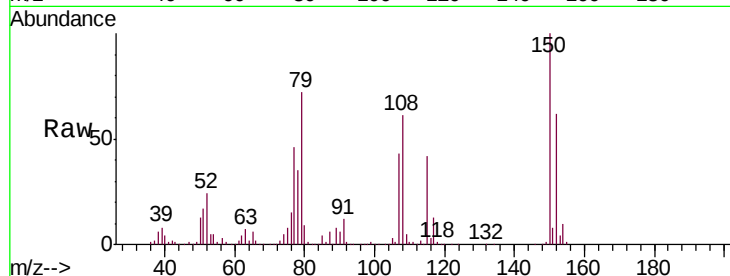
Tgt Ion: 79 Resp: 492439

Ion Ratio Lower Upper

79 100

108 84.3 68.7 103.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.202 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

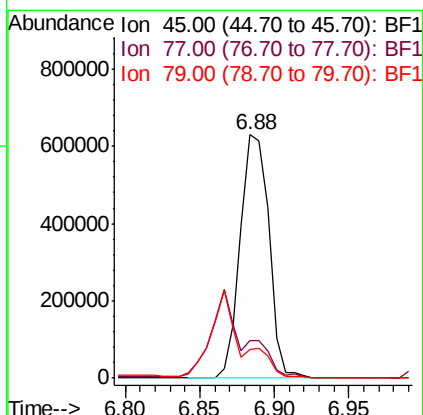
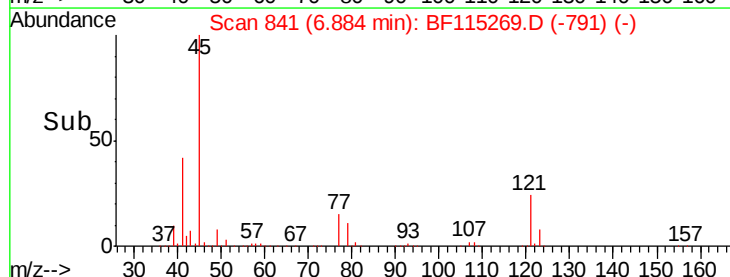
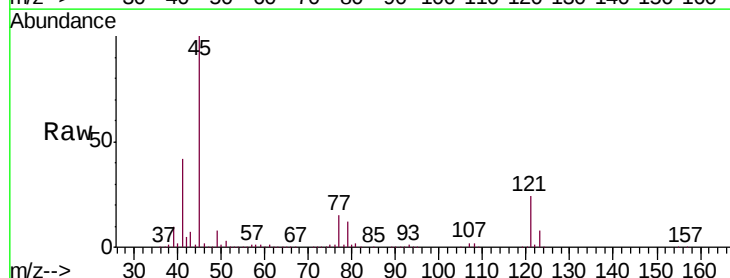
Tgt Ion: 45 Resp: 841653

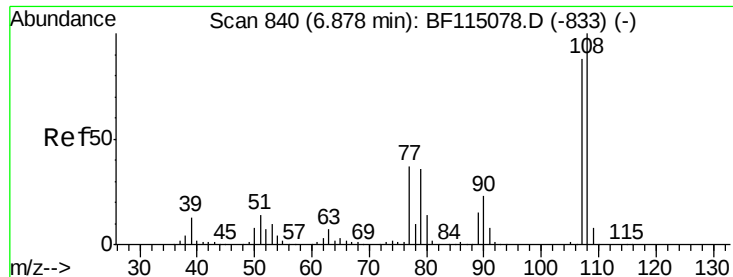
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.6

79 11.9 0.0 31.2

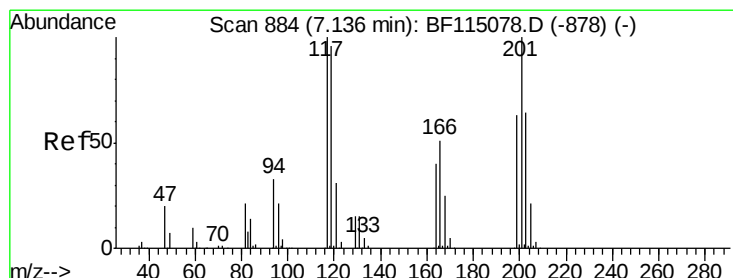
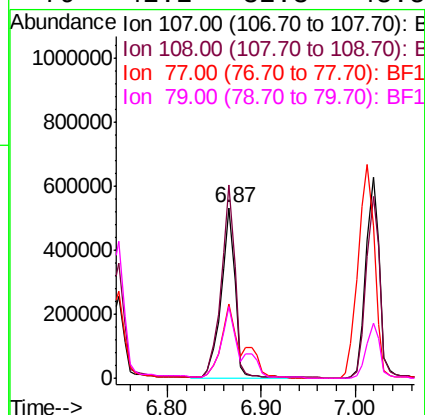
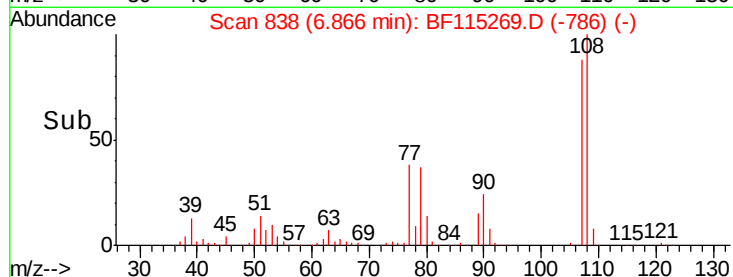
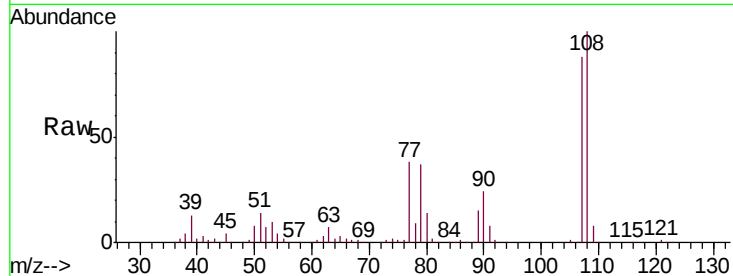




#17
2-Methylphenol
Concen: 42.151 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

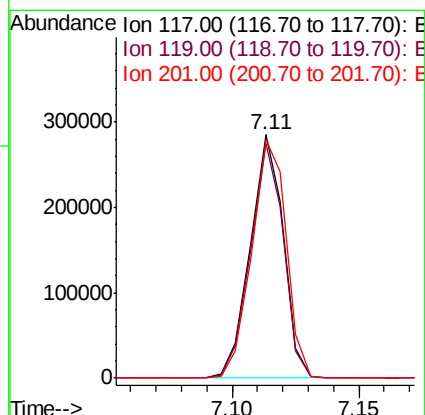
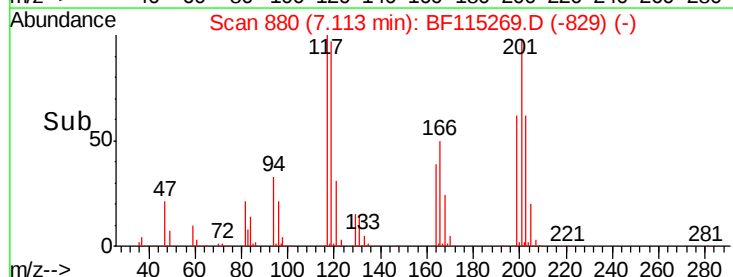
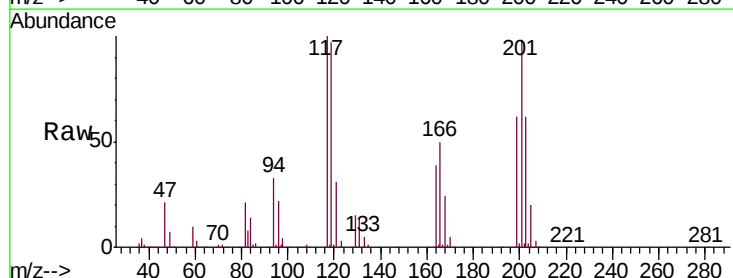
Instrument :
BNA_F
ClientSampleId :
PB120890BSD

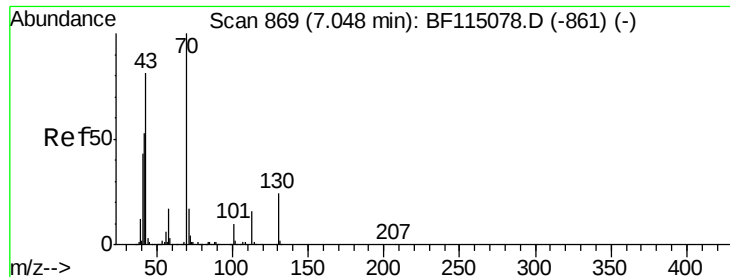
Tgt Ion:	107	Resp:	552573
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.9	136.3
77	43.3	33.4	50.2
79	42.2	32.3	48.5



#18
Hexachloroethane
Concen: 40.545 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:	117	Resp:	258359
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	114.8
201	97.8	80.2	120.2

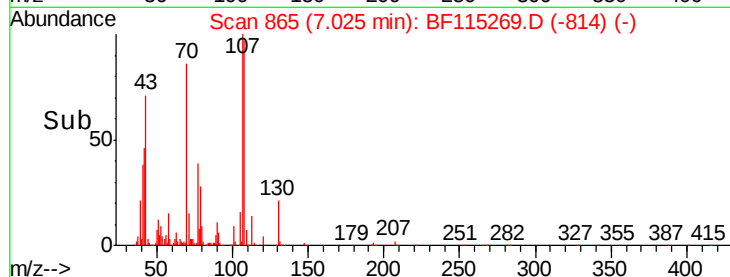
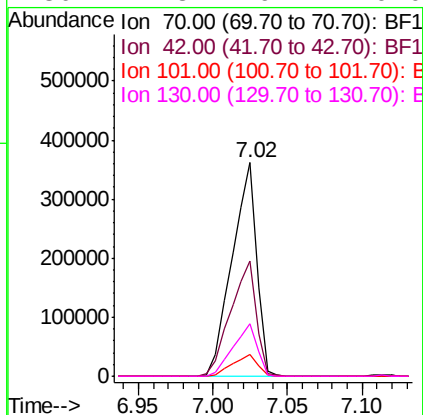
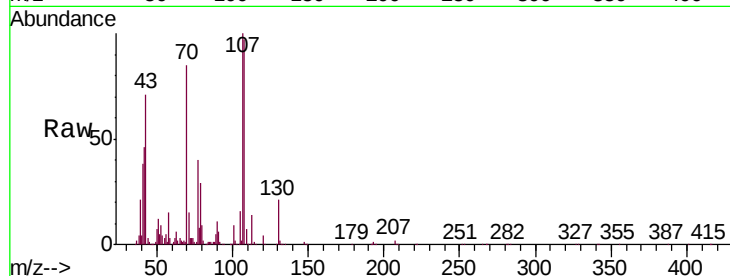




#19
n-Nitroso-di-n-propylamine
Concen: 38.214 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

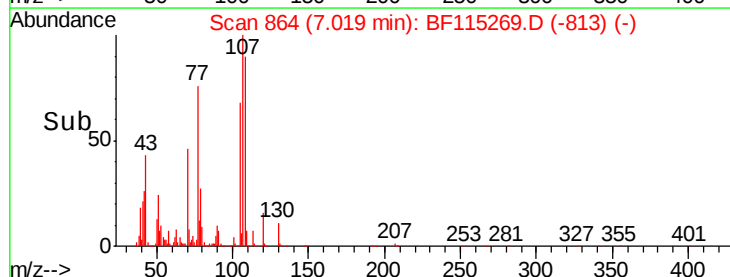
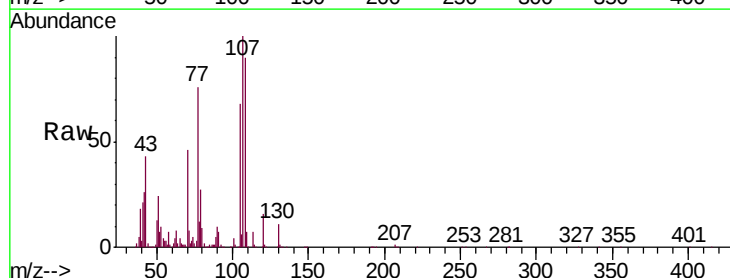
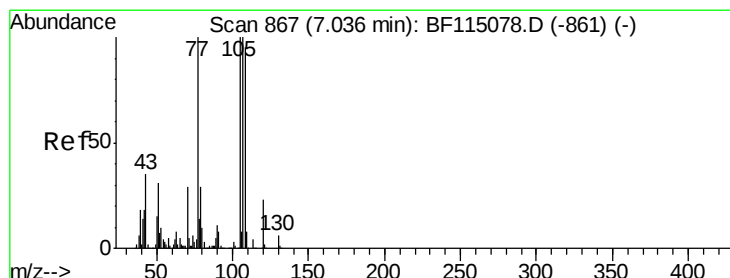
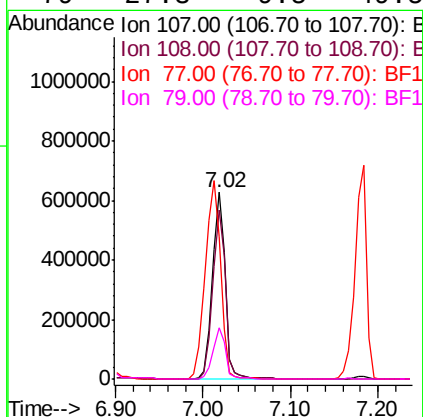
Instrument :
BNA_F
ClientSampleId :
PB120890BSD

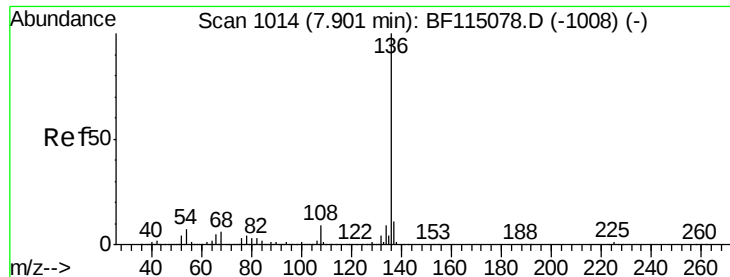
Tgt Ion:	70	Resp:	419423
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.6	63.8
101	10.1	8.0	12.0
130	24.3	19.4	29.0



#20
3+4-Methylphenols
Concen: 41.857 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:	107	Resp:	633605
Ion	Ratio	Lower	Upper
107	100		
108	90.3	75.5	115.5
77	75.9	80.2	120.2#
79	27.3	9.5	49.5

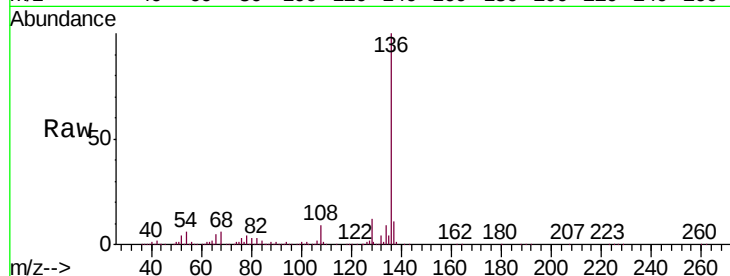




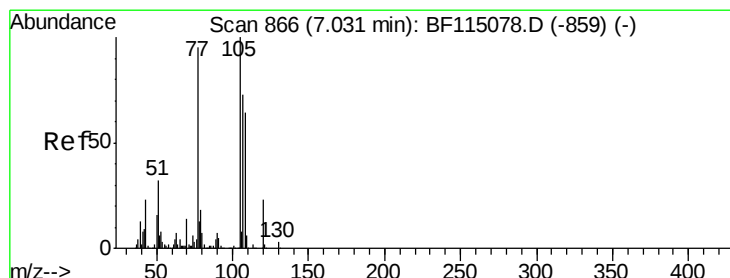
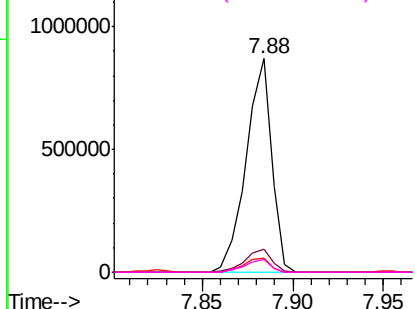
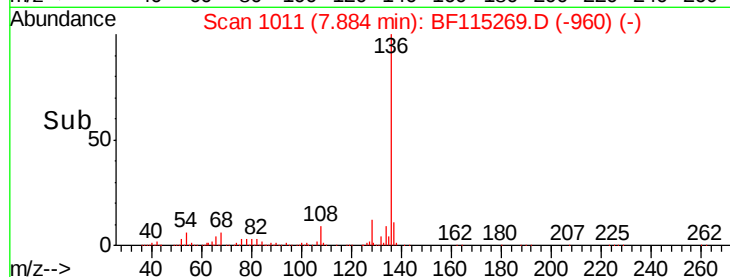
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion:	136	Resp:	853672
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	5.6	8.4
68	5.8	4.8	7.2

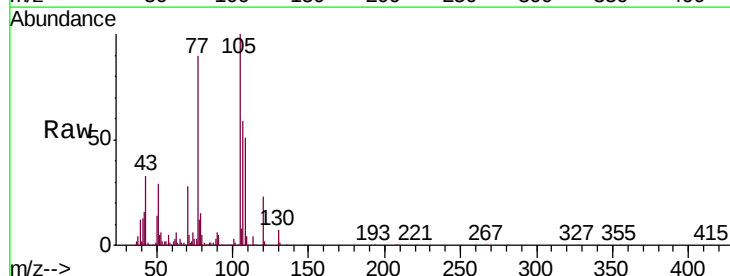


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

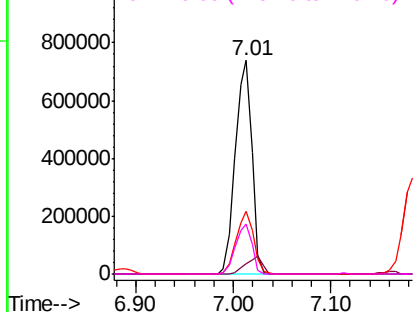
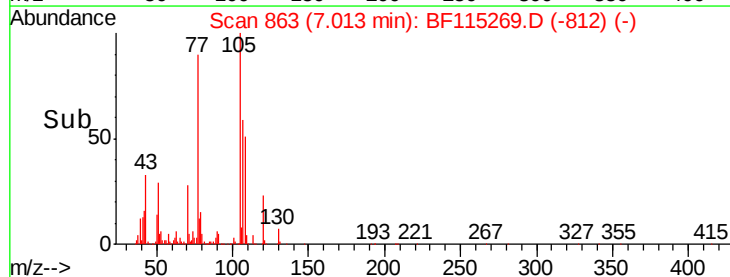


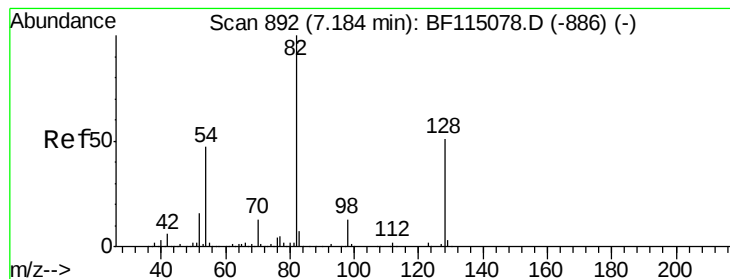
#22
Acetophenone
Concen: 44.339 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:	105	Resp:	866533
Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.9	2.9#
51	29.3	25.8	38.8
120	23.5	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.539 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

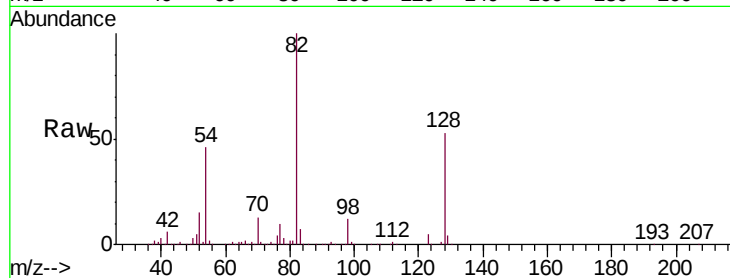
Tgt Ion: 82 Resp: 1145431

Ion Ratio Lower Upper

82 100

128 53.0 40.4 60.6

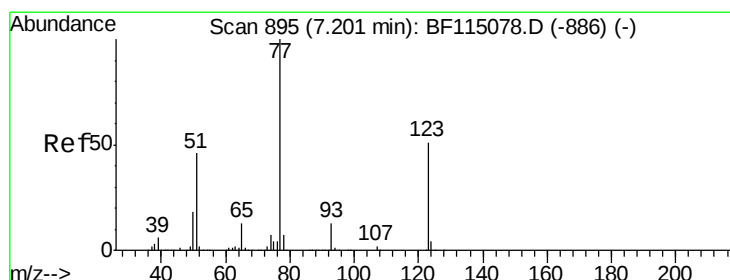
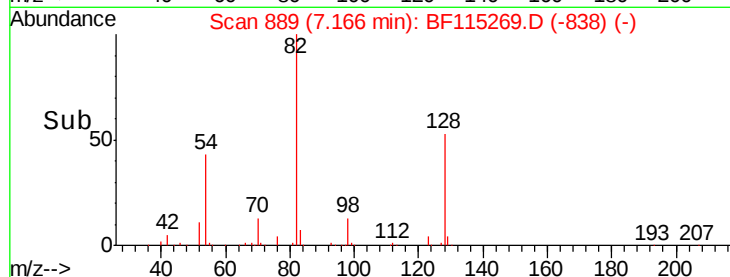
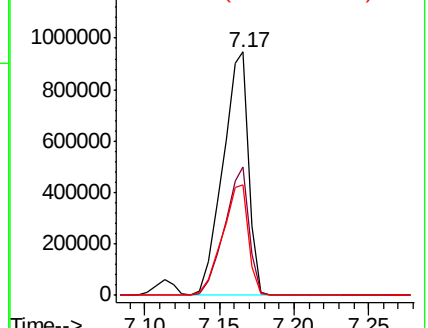
54 45.6 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.083 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

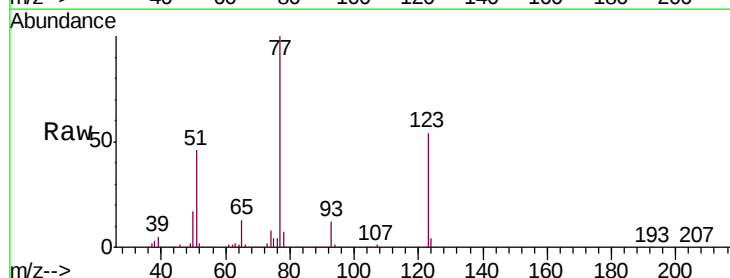
Tgt Ion: 77 Resp: 658674

Ion Ratio Lower Upper

77 100

123 54.1 41.0 61.6

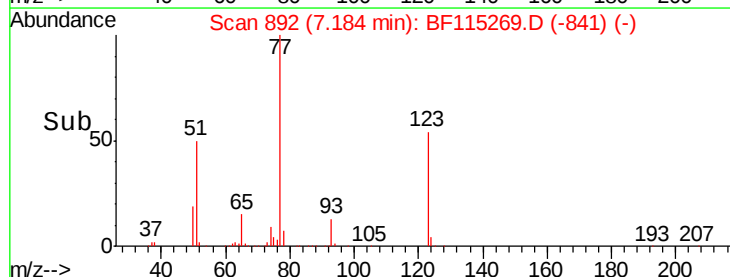
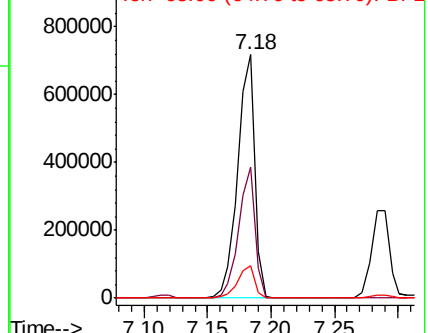
65 13.2 10.5 15.7

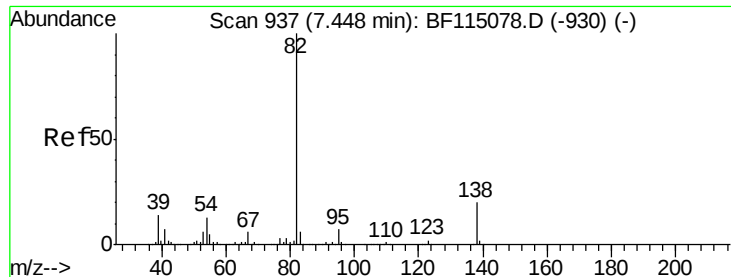


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.727 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampled :

PB120890BSD

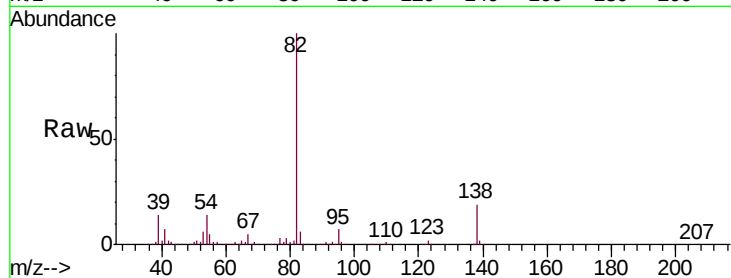
Tgt Ion: 82 Resp: 1214663

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

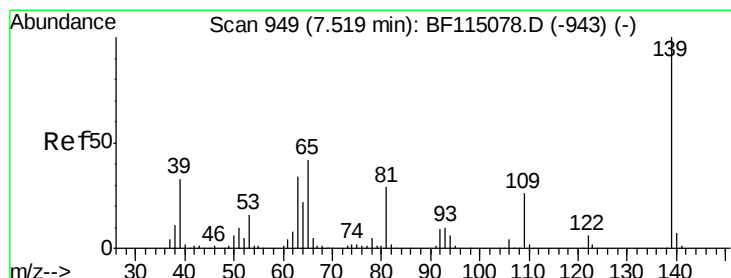
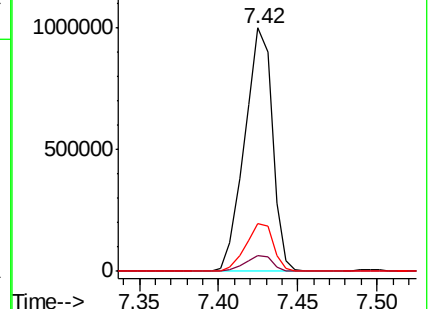
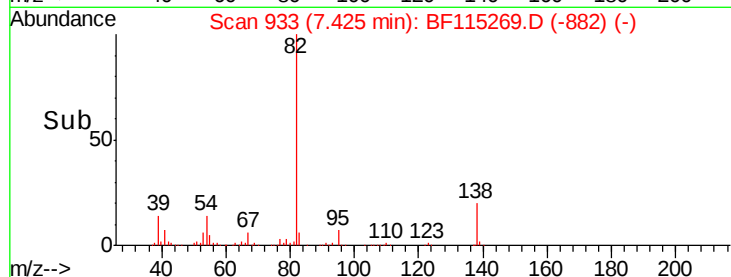
138 19.4 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.822 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

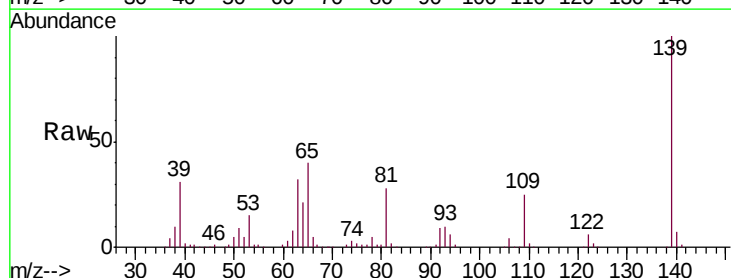
Tgt Ion: 139 Resp: 368611

Ion Ratio Lower Upper

139 100

109 25.1 20.4 30.6

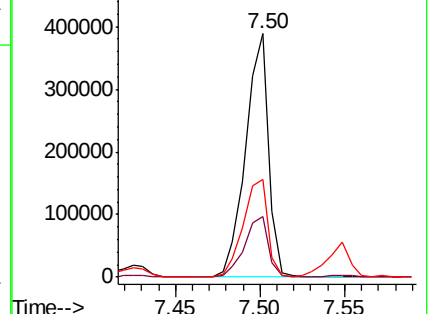
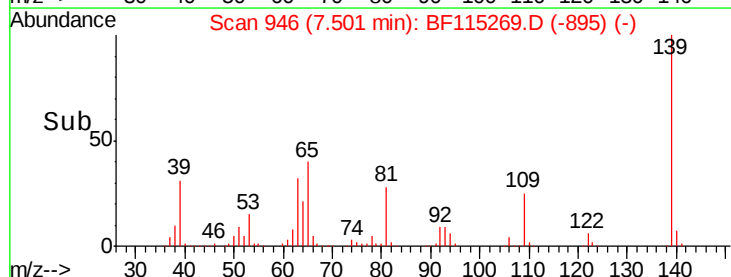
65 40.2 33.6 50.4

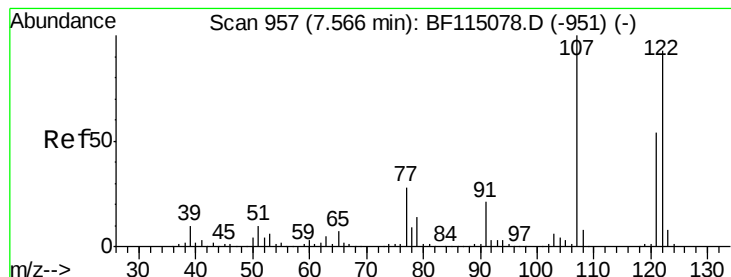


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.633 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

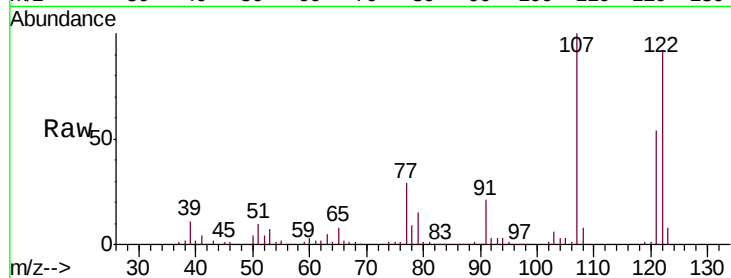
Tgt Ion: 122 Resp: 613555

Ion Ratio Lower Upper

122 100

107 108.4 85.8 128.6

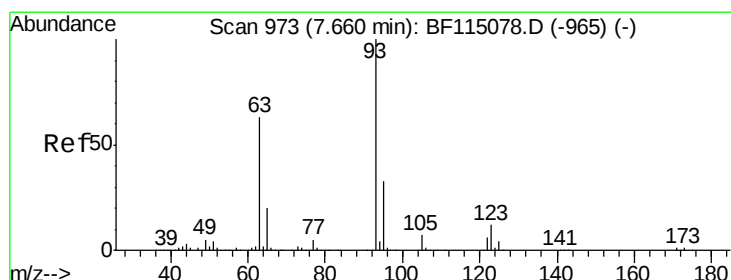
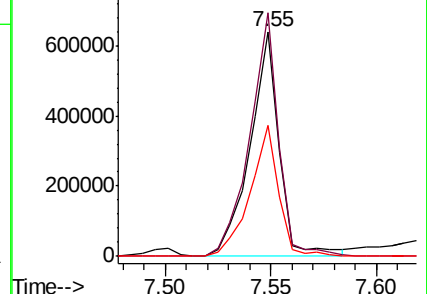
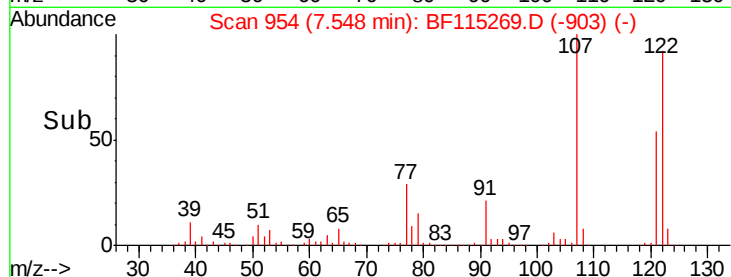
121 58.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.071 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

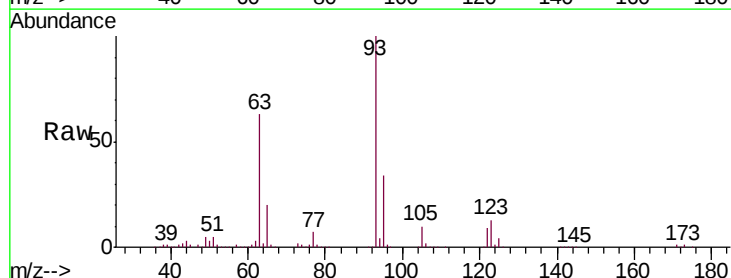
Tgt Ion: 93 Resp: 773908

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.4

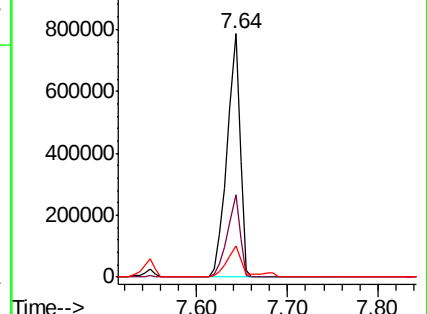
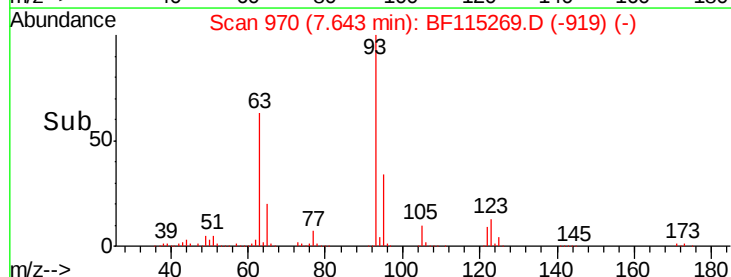
123 13.0 9.7 14.5

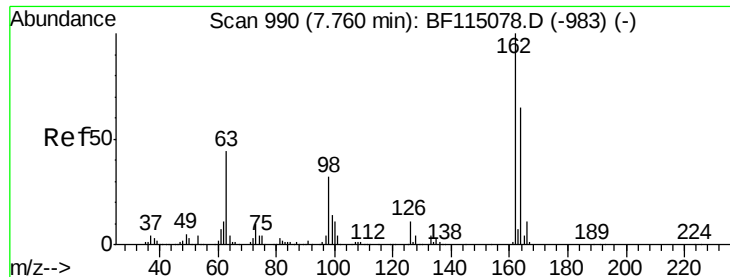


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

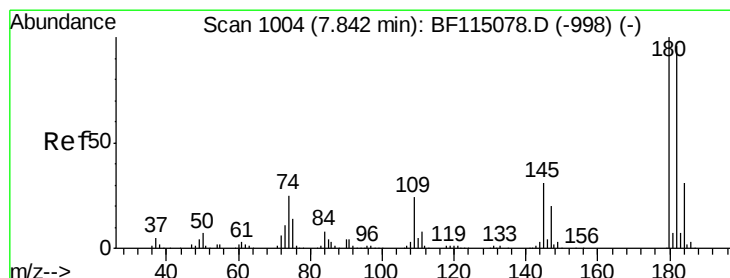
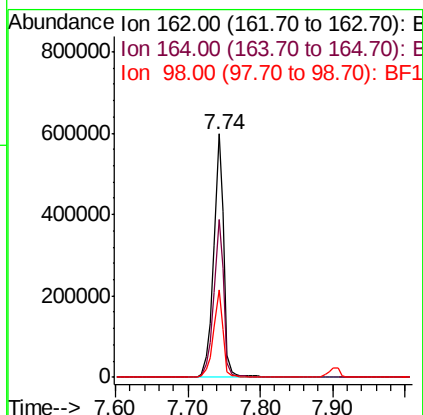
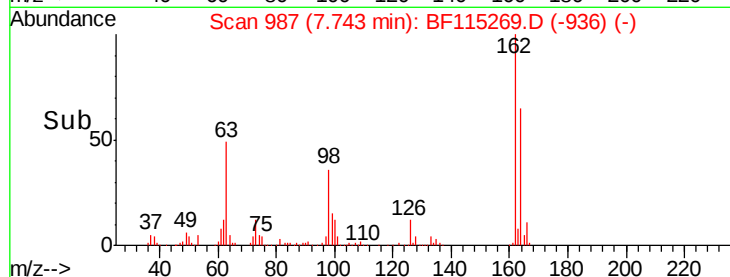
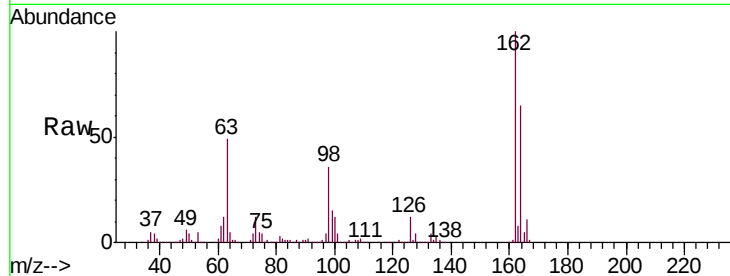




#29
2,4-Dichlorophenol
Concen: 45.064 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

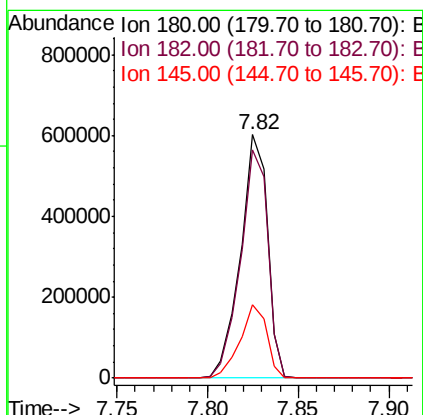
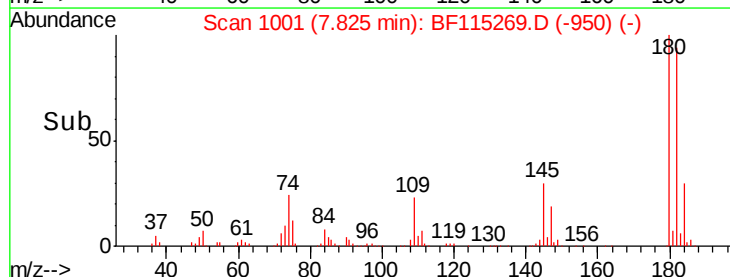
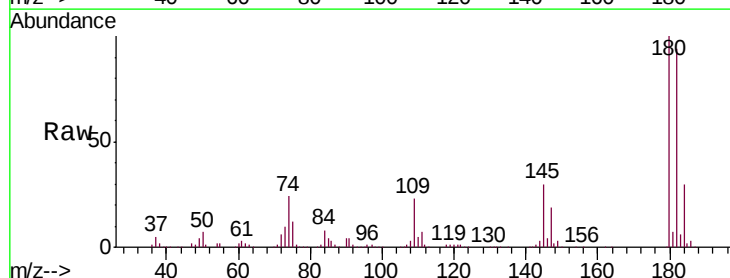
Instrument :
BNA_F
ClientSampleId :
PB120890BSD

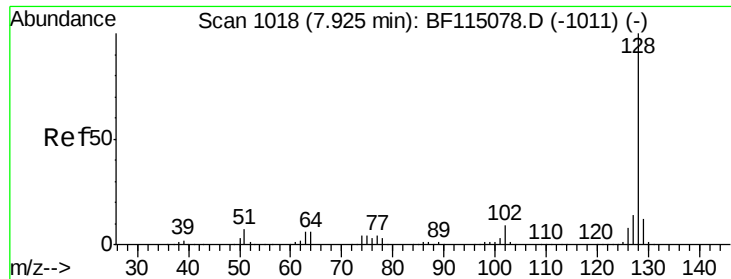
Tgt Ion:162 Resp: 574891
Ion Ratio Lower Upper
162 100
164 64.8 45.3 85.3
98 35.7 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 44.339 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:180 Resp: 624802
Ion Ratio Lower Upper
180 100
182 93.7 76.4 114.6
145 30.3 24.8 37.2

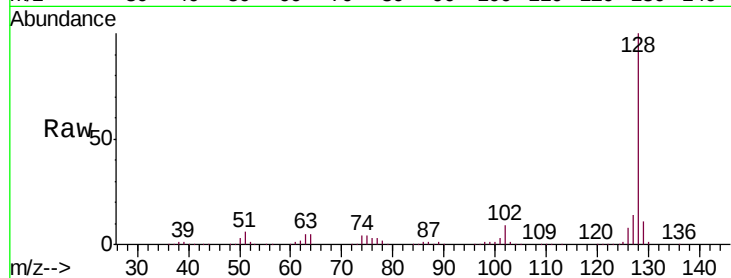




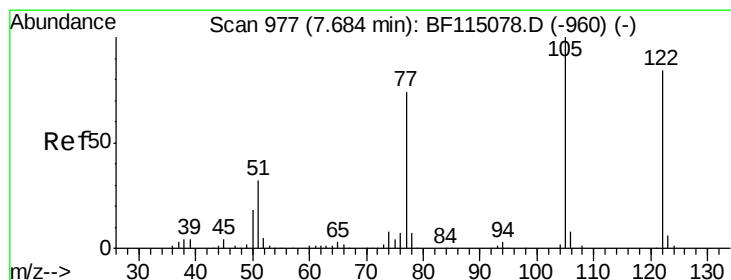
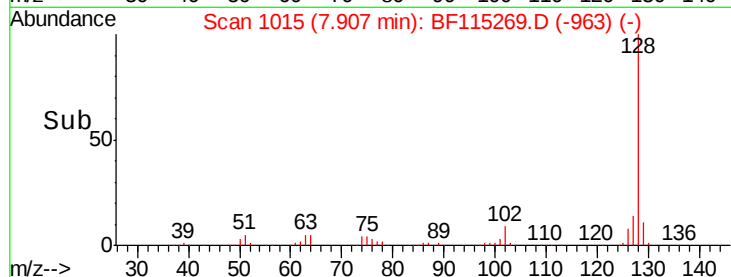
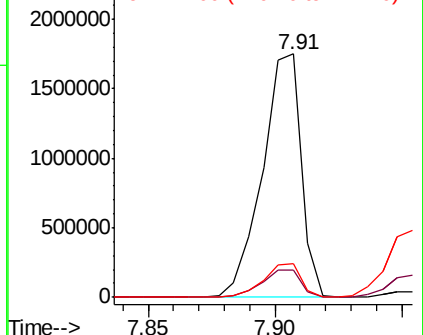
#31
Naphthalene
Concen: 44.968 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion:128 Resp: 1884346
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.7 11.4 17.0

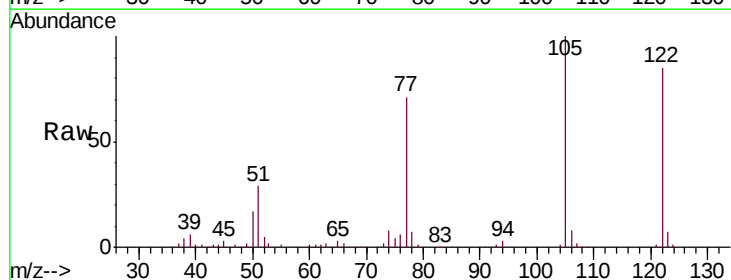


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

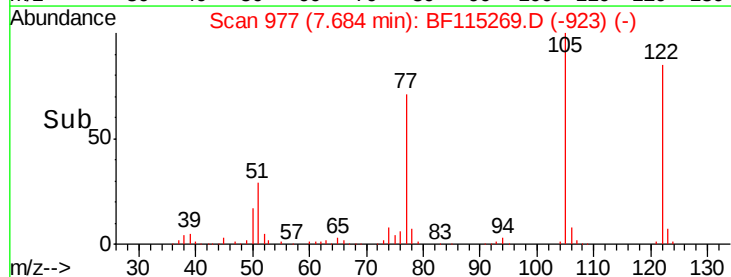
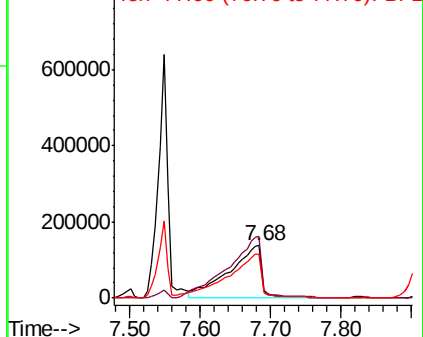


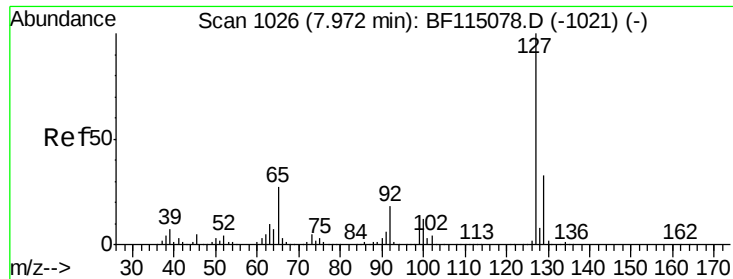
#32
Benzoic acid
Concen: 50.497 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.02 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:122 Resp: 445587
Ion Ratio Lower Upper
122 100
105 117.0 98.2 138.2
77 83.4 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

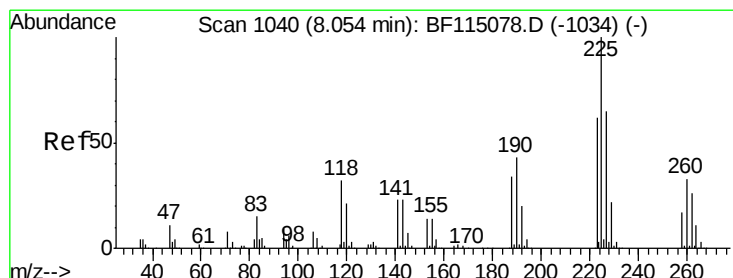
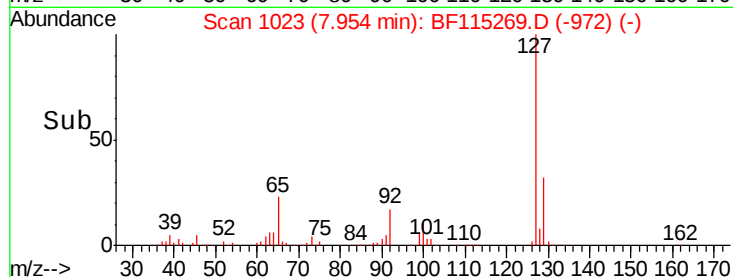
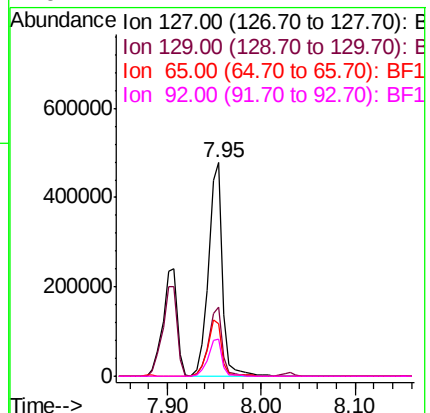
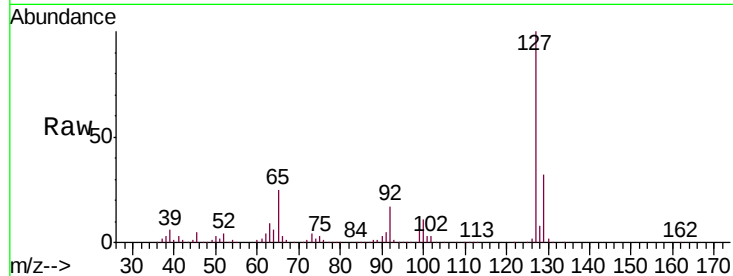




#33
4-Chloroaniline
Concen: 26.041 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

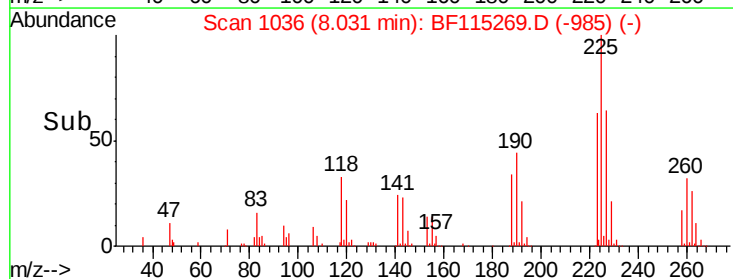
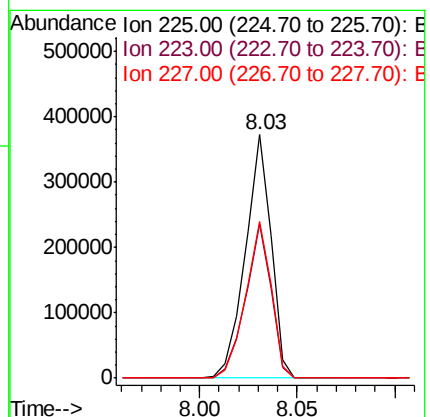
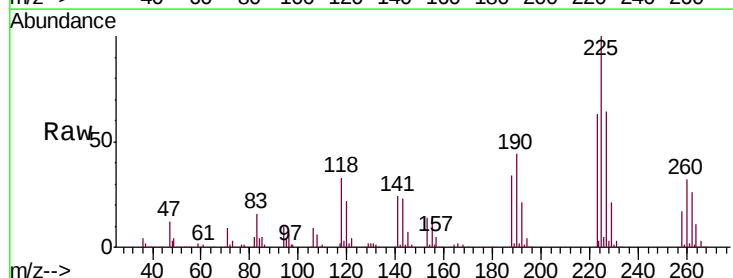
Instrument :
BNA_F
ClientSampleId :
PB120890BSD

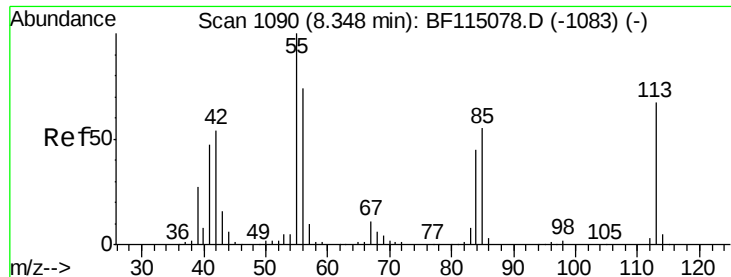
Tgt Ion:	127	Resp:	498716
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	24.8	21.4	32.2
92	17.2	14.1	21.1



#34
Hexachlorobutadiene
Concen: 44.059 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:	225	Resp:	340230
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	64.5	51.8	77.8

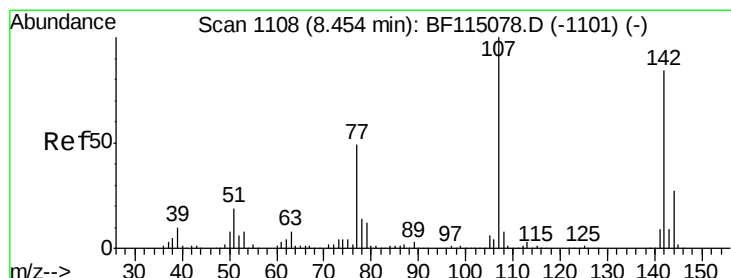
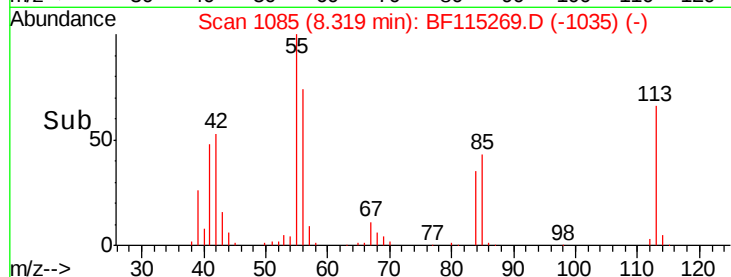
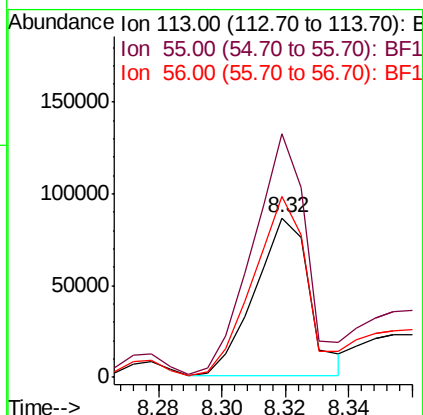
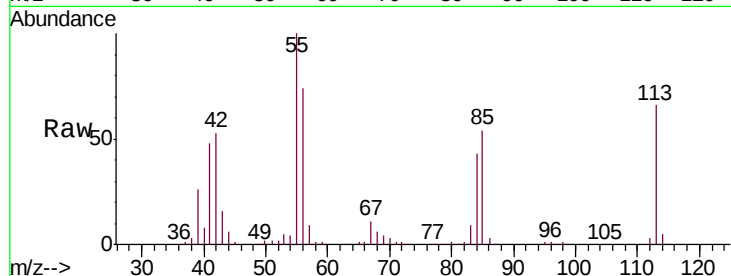




#35
 Caprolactam
 Concen: 23.845 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

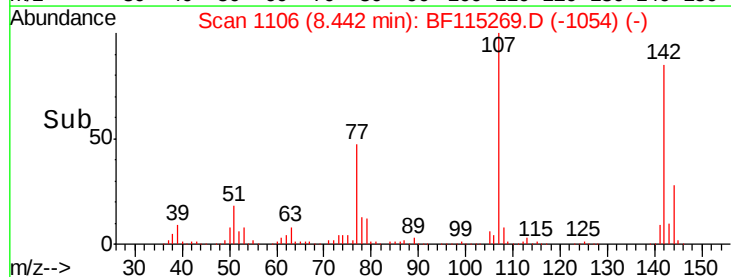
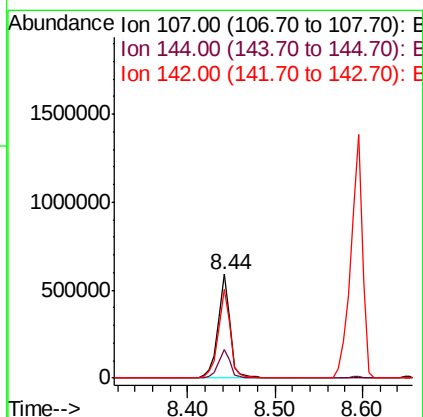
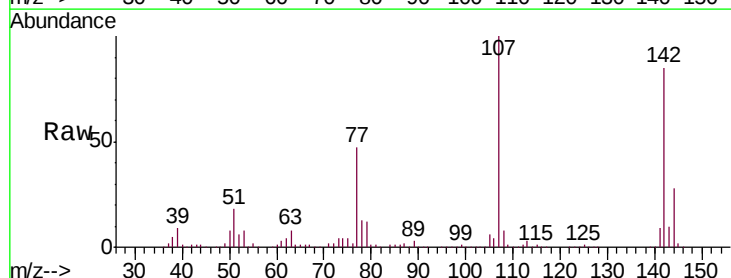
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

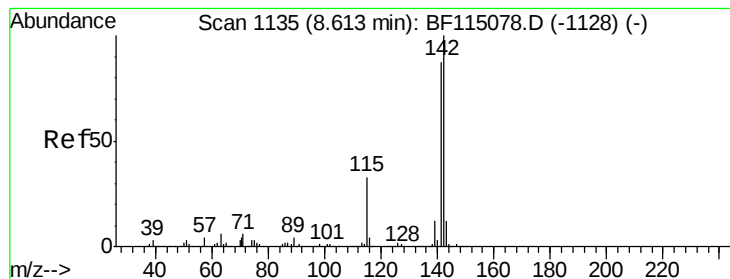
Tgt Ion:113 Resp: 102273
 Ion Ratio Lower Upper
 113 100
 55 152.5 130.2 170.2
 56 113.6 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.267 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:107 Resp: 571903
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.7 32.5
 142 85.5 67.0 100.4





#37

2-Methylnaphthalene

Concen: 45.533 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

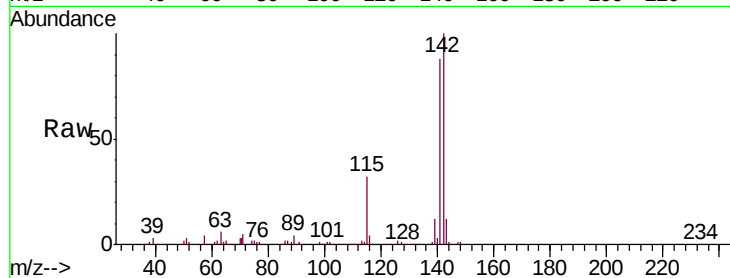
Tgt Ion:142 Resp: 1286506

Ion Ratio Lower Upper

142 100

141 87.9 69.8 104.6

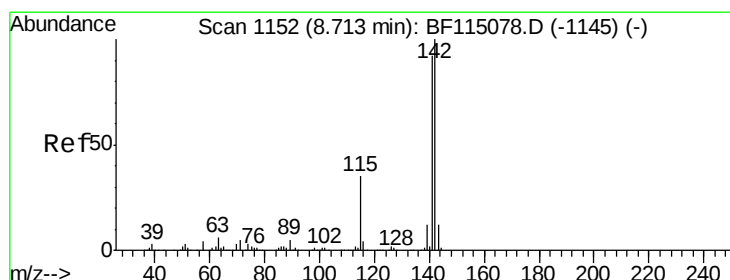
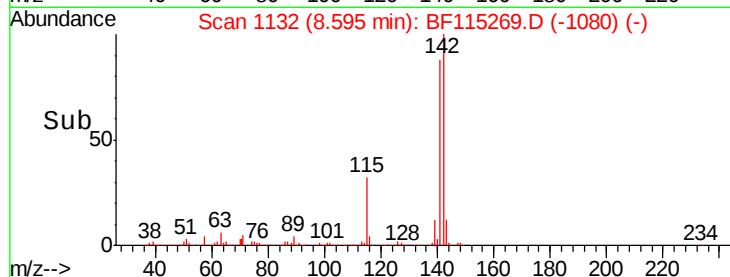
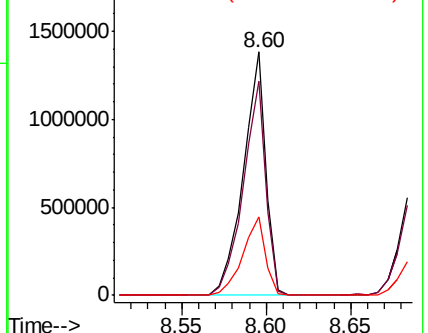
115 32.4 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.577 ng

RT: 8.70 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

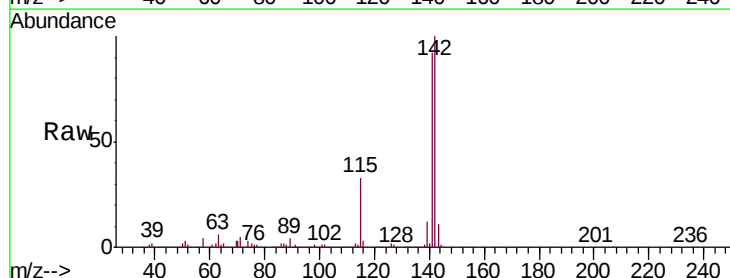
Tgt Ion:142 Resp: 1202898

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8

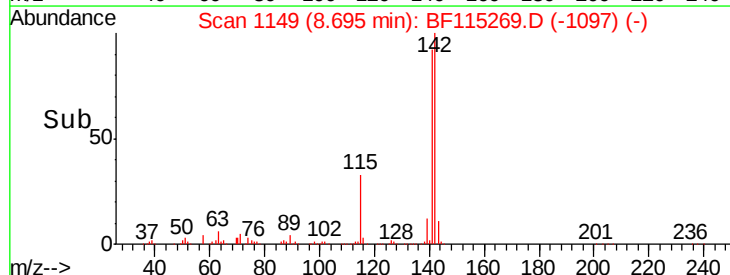
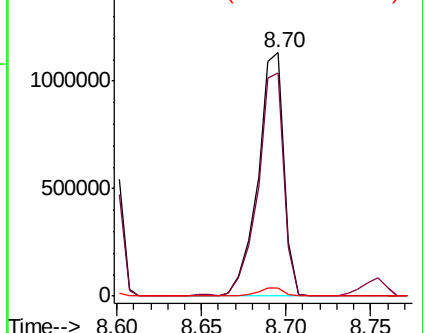
116 3.5 2.8 4.2

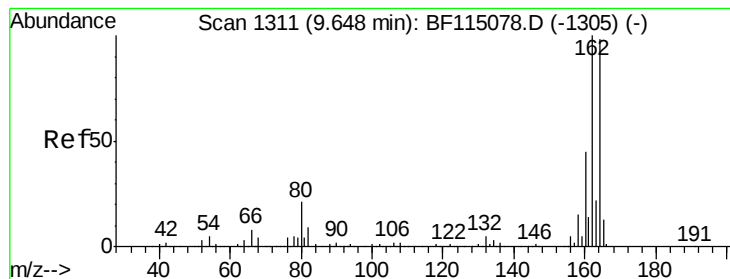


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

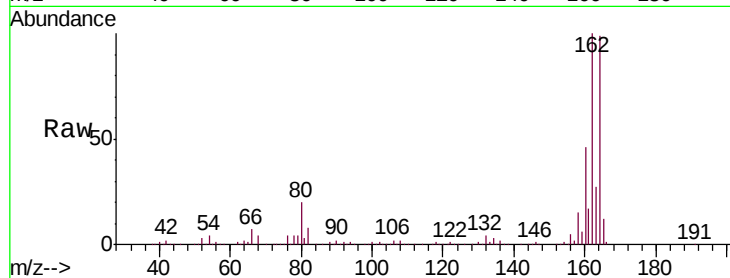
Tgt Ion:164 Resp: 422532

Ion Ratio Lower Upper

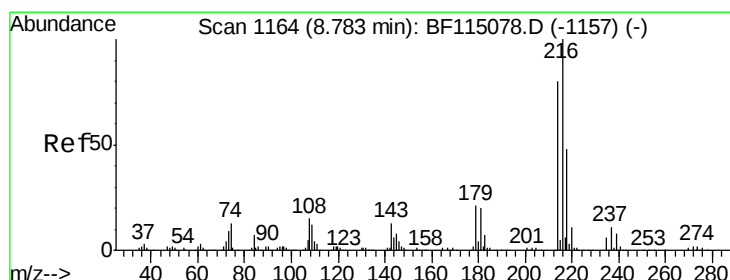
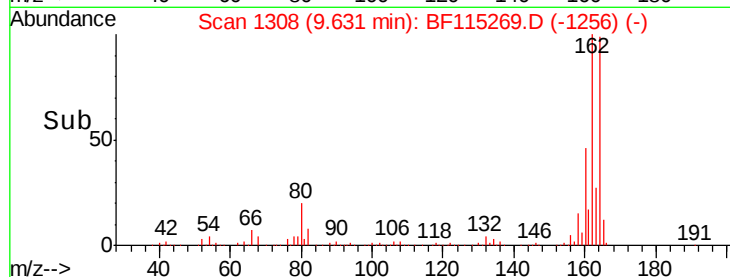
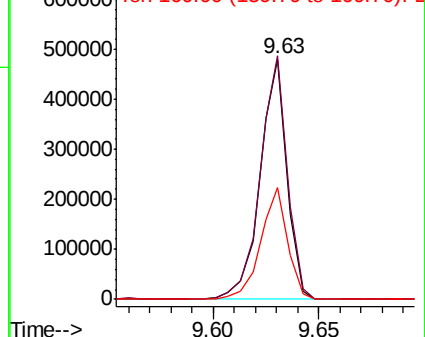
164 100

162 101.3 81.7 122.5

160 46.5 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.228 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Tgt Ion:216 Resp: 540018

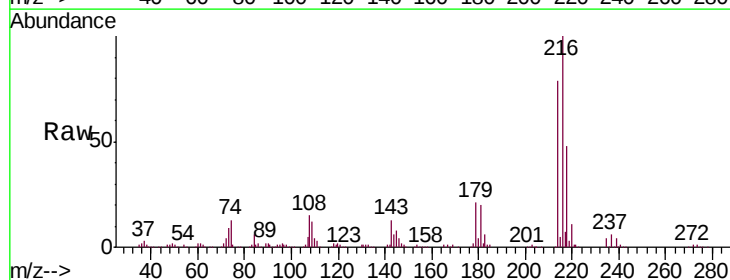
Ion Ratio Lower Upper

216 100

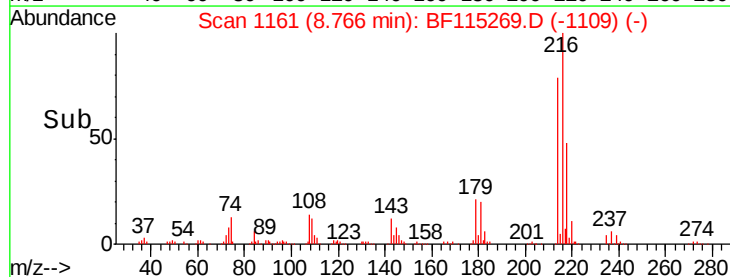
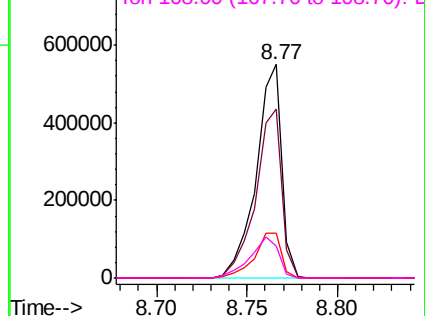
214 80.4 63.8 95.6

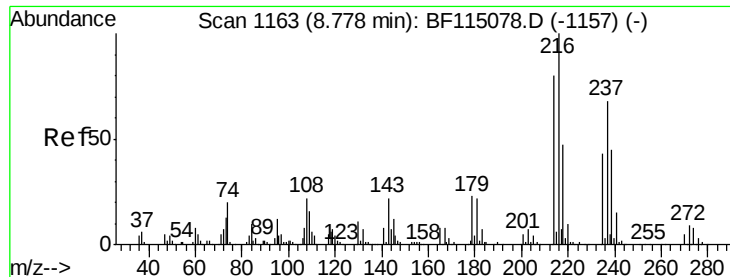
179 22.3 17.6 26.4

108 21.3 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.987 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

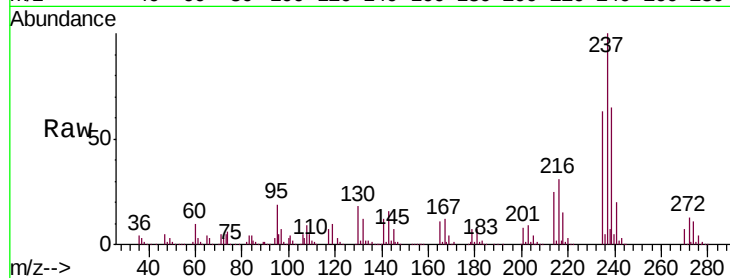
Tgt Ion: 237 Resp: 686666

Ion Ratio Lower Upper

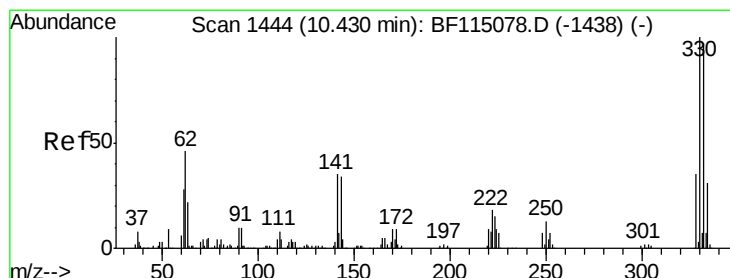
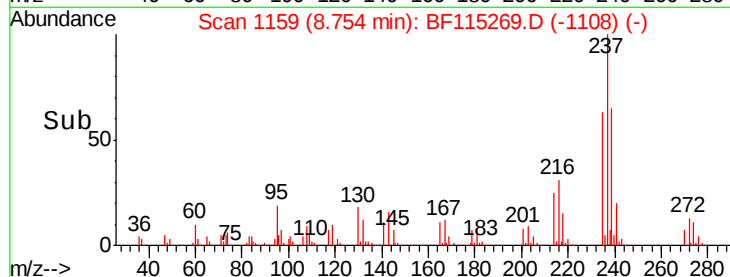
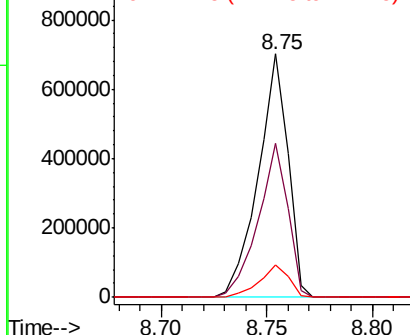
237 100

235 63.2 43.9 83.9

272 13.4 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.138 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

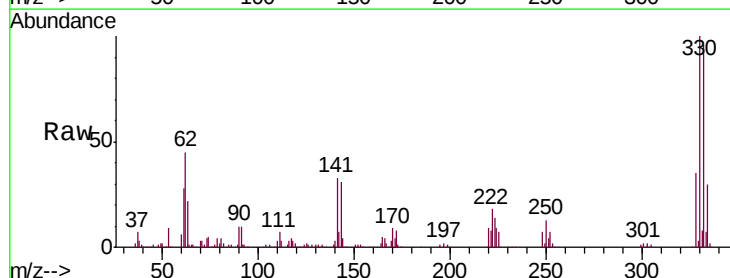
Tgt Ion: 330 Resp: 597687

Ion Ratio Lower Upper

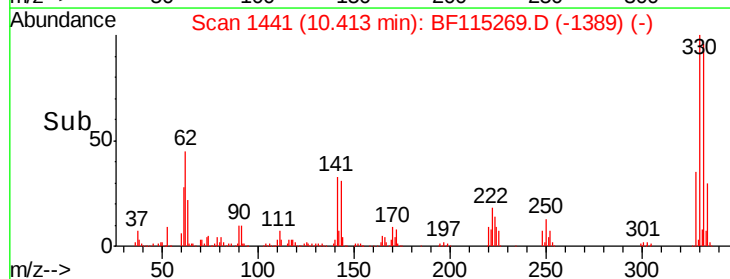
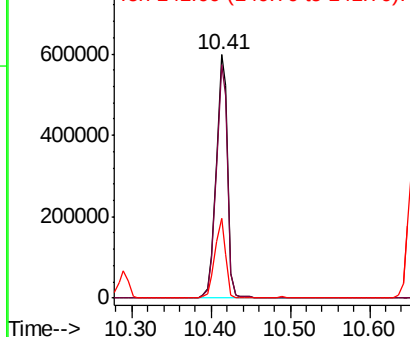
330 100

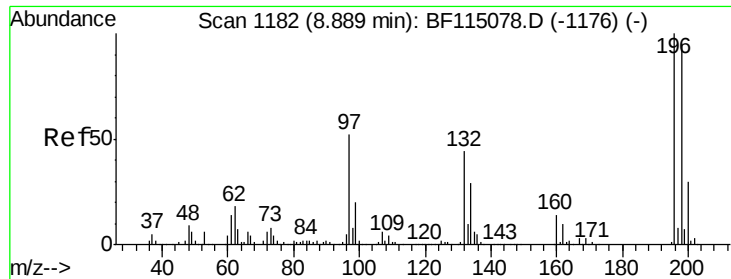
332 95.9 77.3 115.9

141 31.4 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

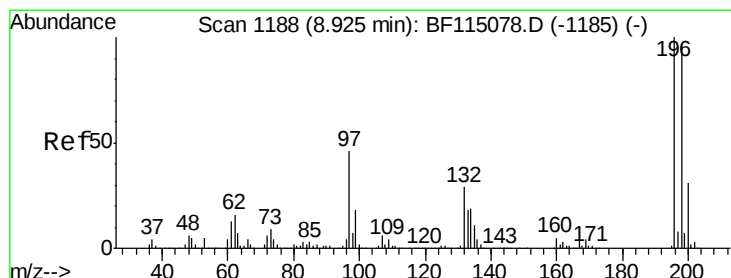
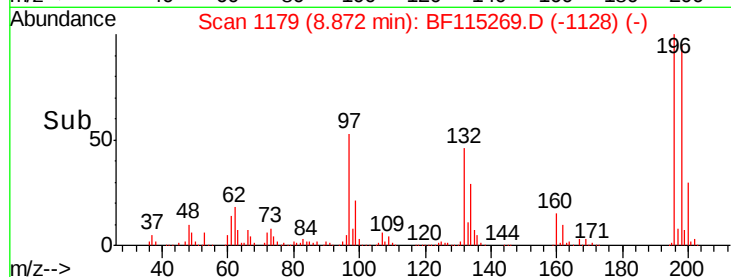
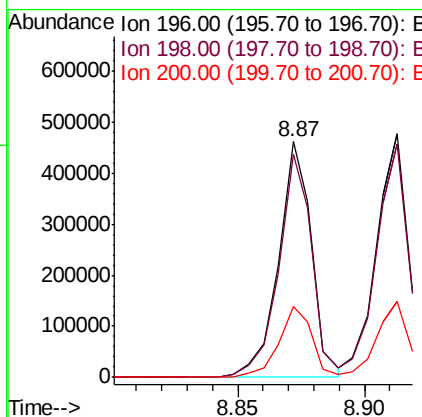
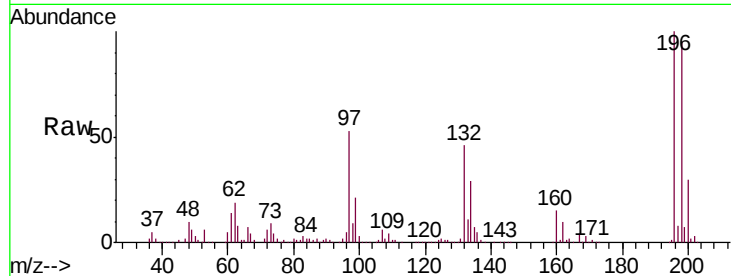




#43
 2,4,6-Trichlorophenol
 Concen: 45.525 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

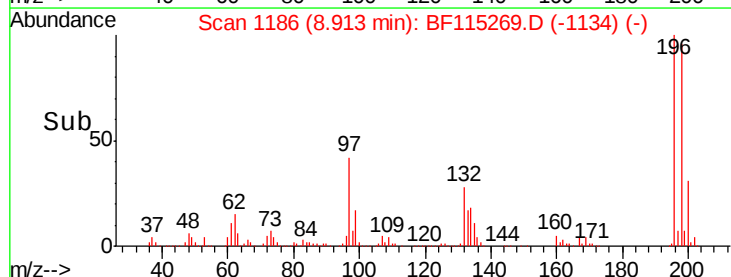
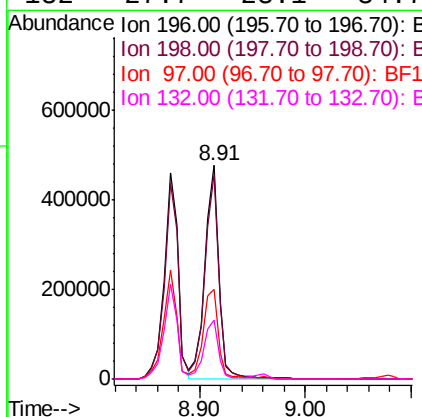
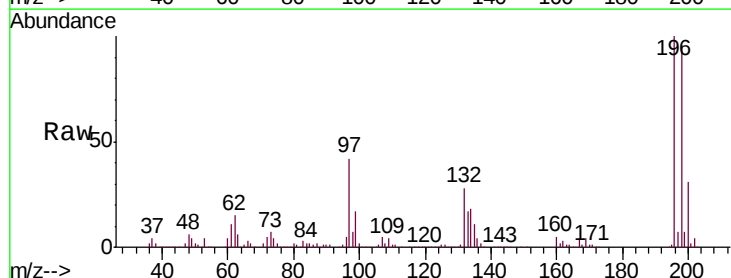
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

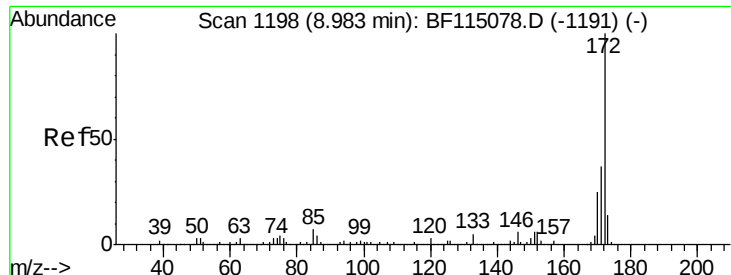
Tgt Ion:196 Resp: 419654
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 30.2 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.185 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:196 Resp: 438427
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.1 115.7
 97 41.9 37.7 56.5
 132 27.7 23.1 34.7

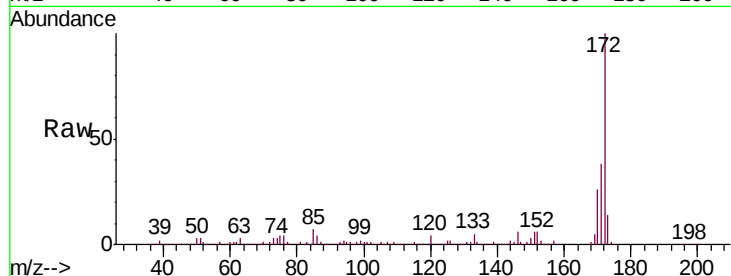




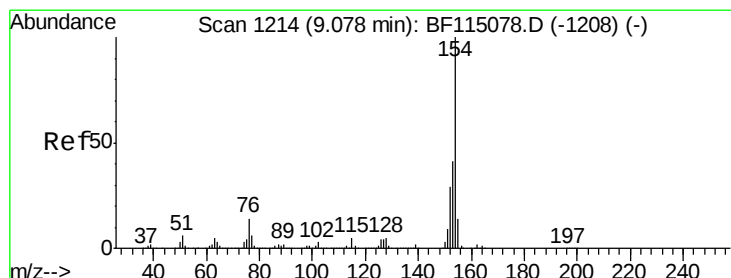
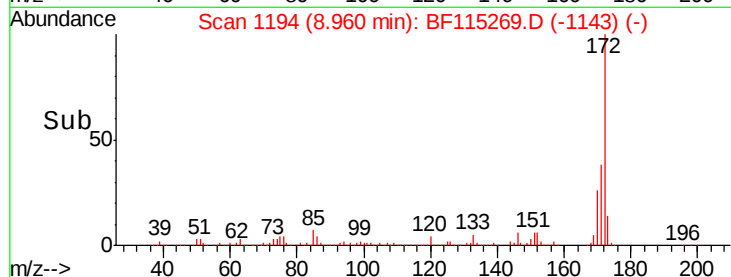
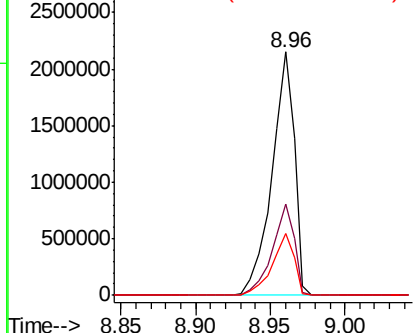
#45
2-Fluorobiphenyl
Concen: 89.981 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion:172 Resp: 2238271
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.6 20.3 30.5

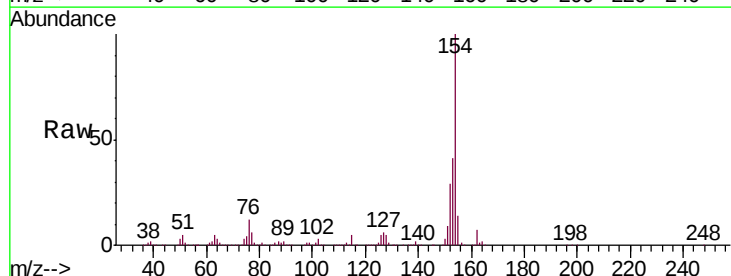


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

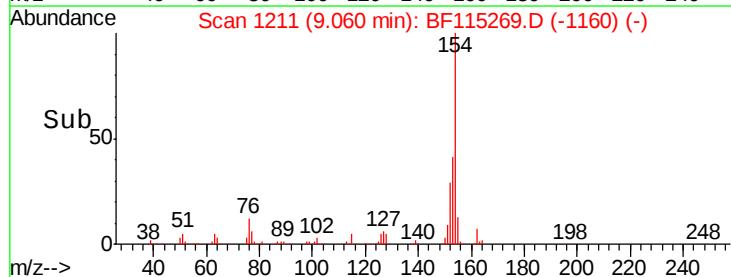
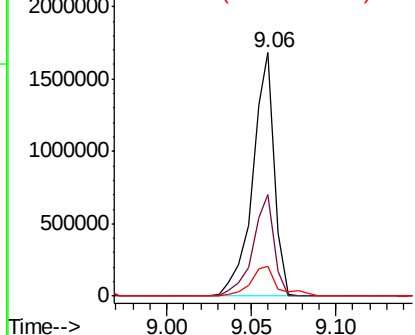


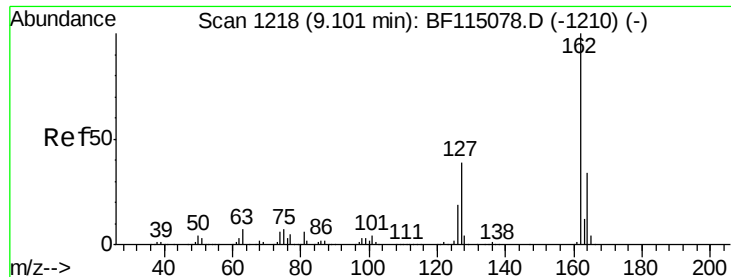
#46
1,1'-Biphenyl
Concen: 44.591 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:154 Resp: 1507552
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 12.5 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

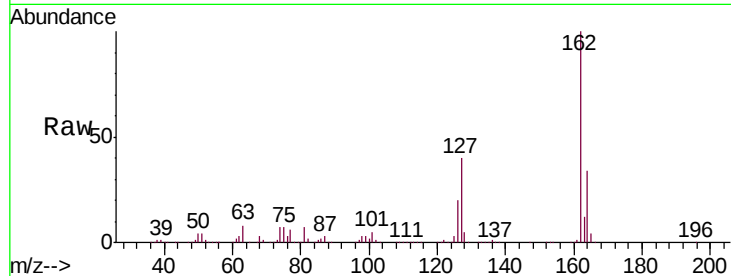




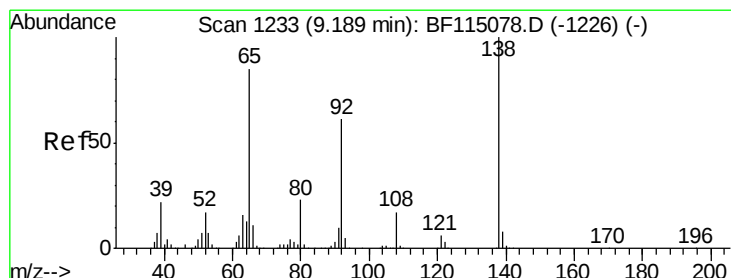
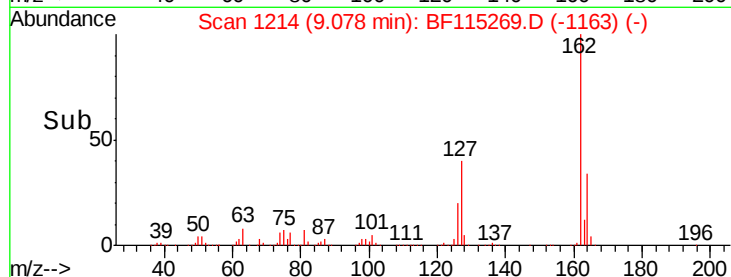
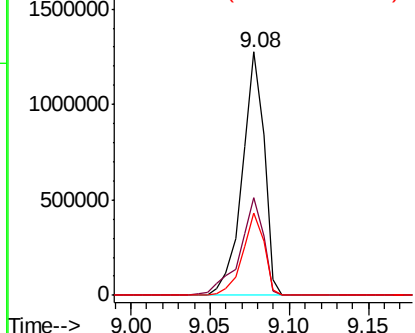
#47
 2-Chloronaphthalene
 Concen: 44.179 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tgt Ion: 162 Resp: 1211567
 Ion Ratio Lower Upper
 162 100
 127 40.3 30.8 46.2
 164 33.7 27.0 40.4

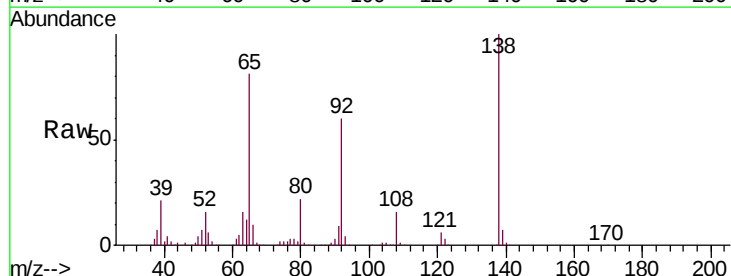


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

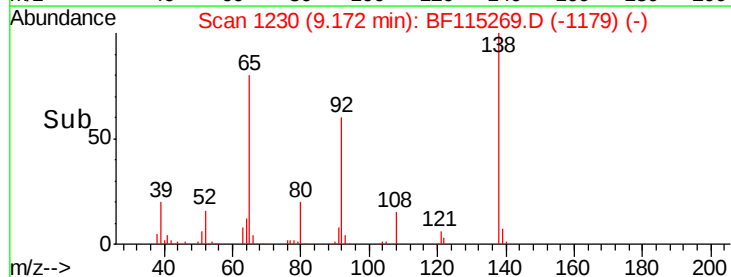
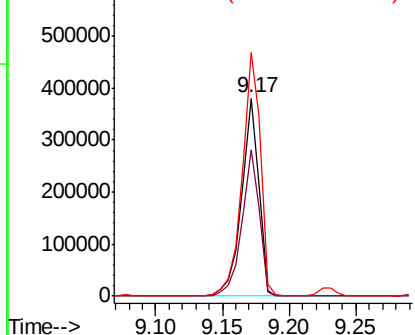


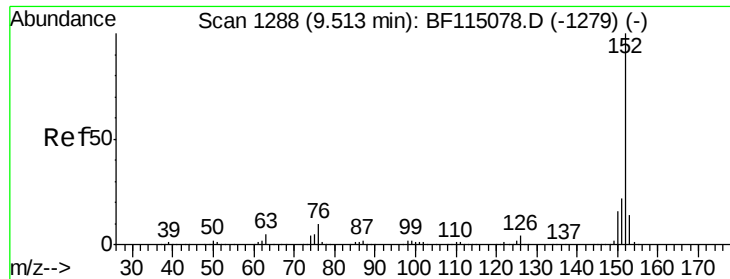
#48
 2-Nitroaniline
 Concen: 43.170 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion: 65 Resp: 345151
 Ion Ratio Lower Upper
 65 100
 92 73.9 57.4 86.2
 138 122.9 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.561 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

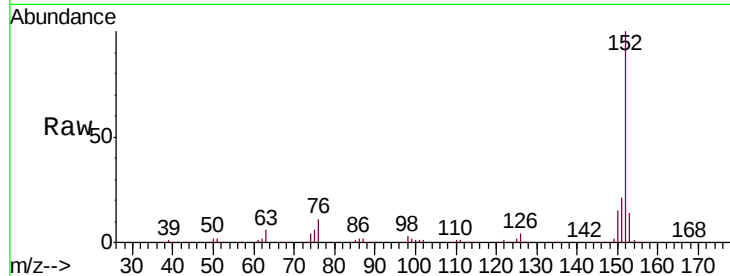
Tgt Ion:152 Resp: 1903970

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

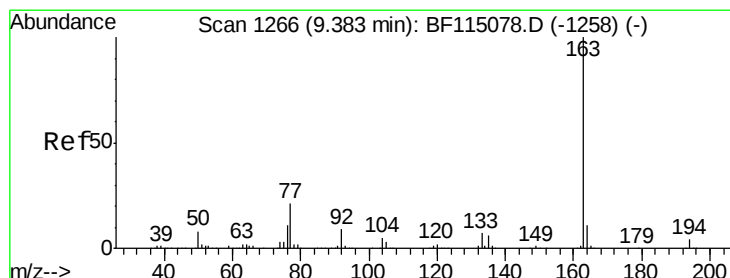
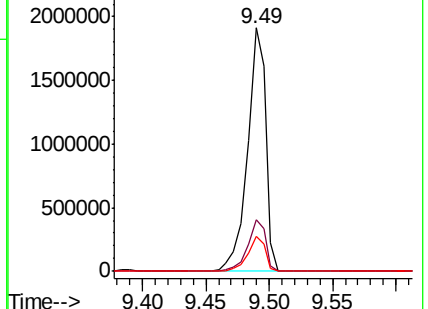
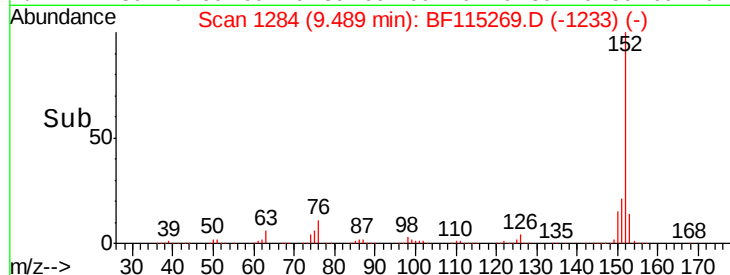
153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.144 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

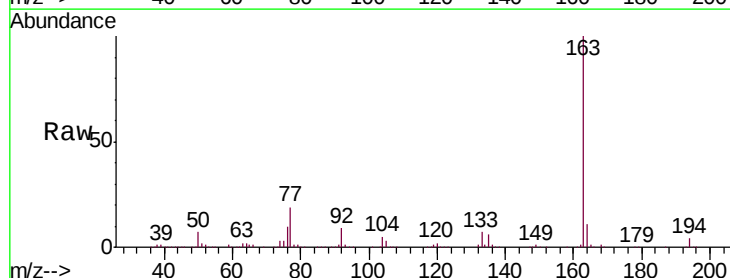
Tgt Ion:163 Resp: 1372282

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

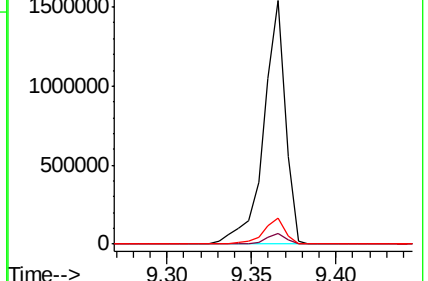
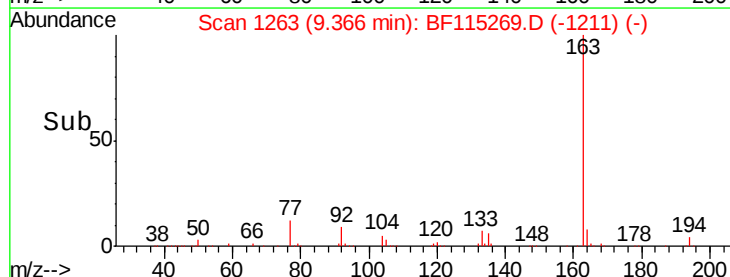
164 10.5 8.6 13.0

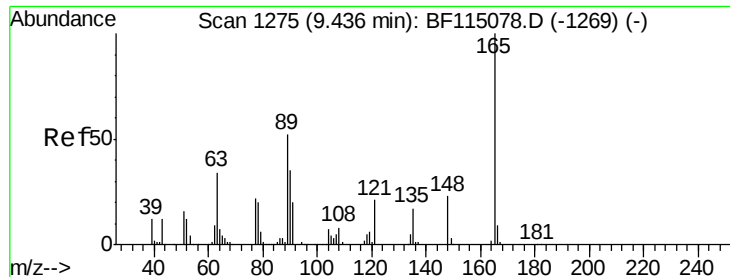


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

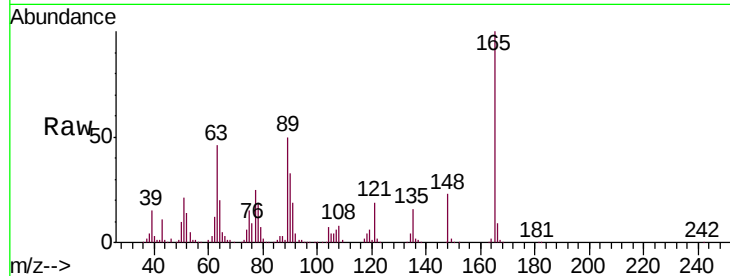




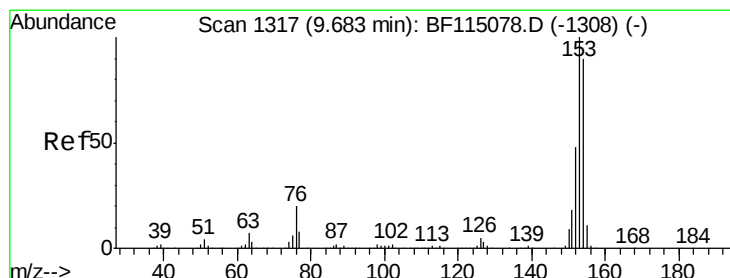
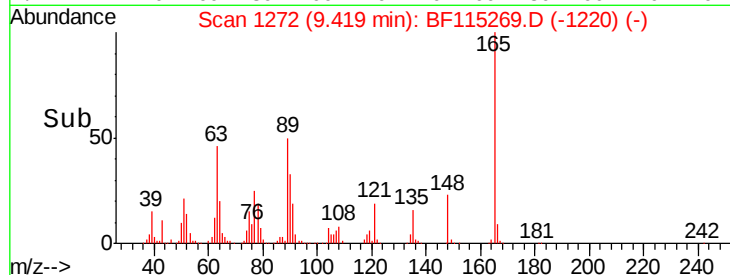
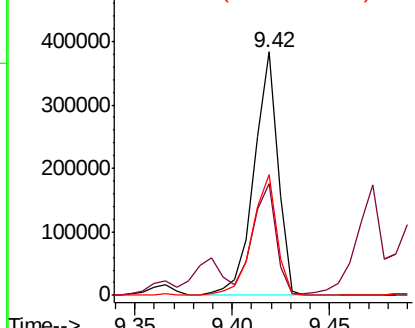
#51
 2,6-Dinitrotoluene
 Concen: 45.468 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tgt Ion:165 Resp: 326323
 Ion Ratio Lower Upper
 165 100
 63 45.8 39.4 59.2
 89 49.5 42.0 63.0

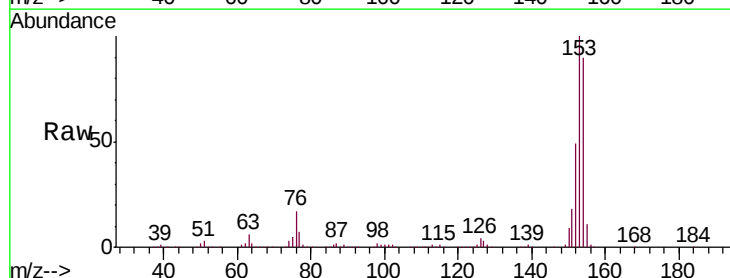


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

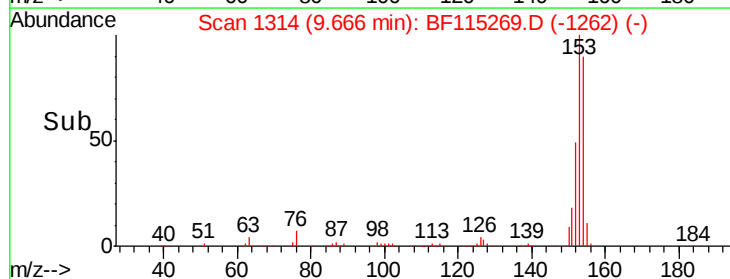
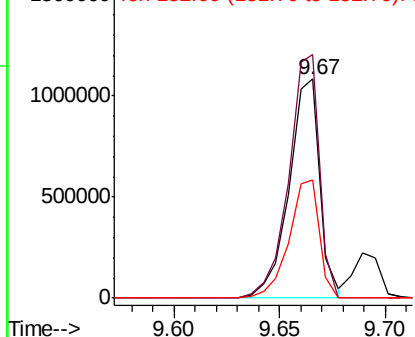


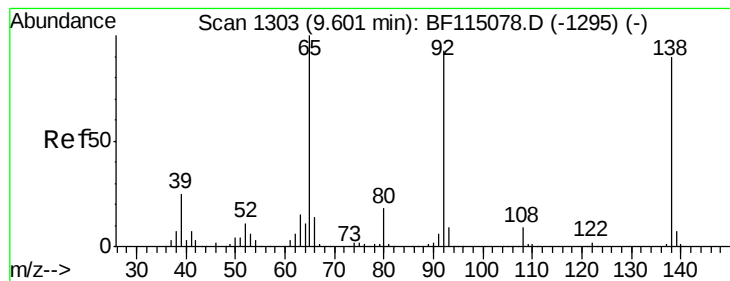
#52
 Acenaphthene
 Concen: 41.363 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:154 Resp: 1105912
 Ion Ratio Lower Upper
 154 100
 153 111.3 88.7 133.1
 152 54.3 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.583 ng

RT: 9.58 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

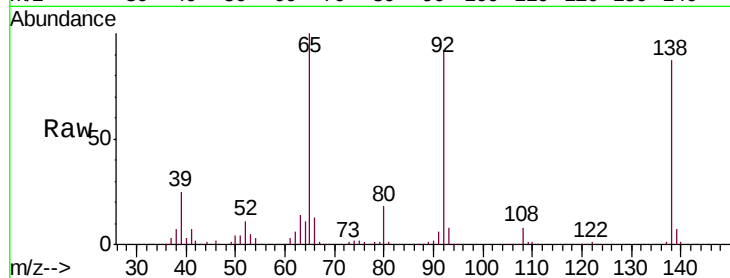
Tgt Ion:138 Resp: 250336

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

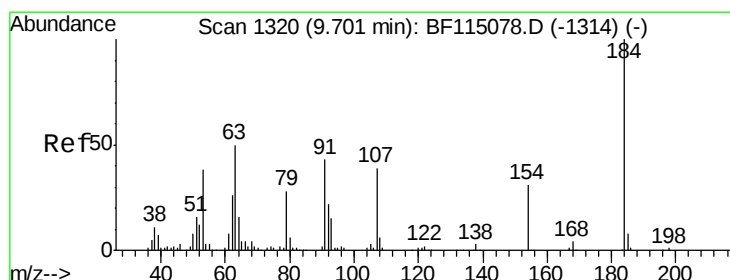
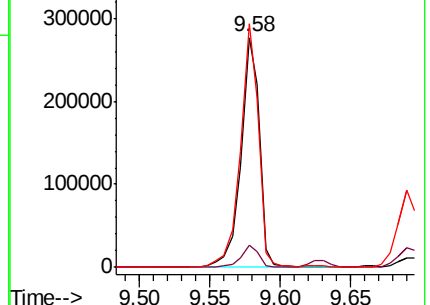
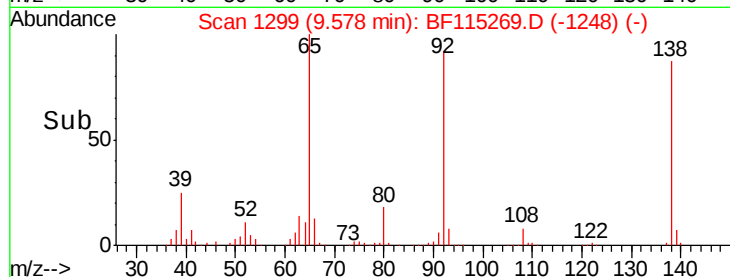
92 106.0 82.9 124.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 99.910 ng

RT: 9.69 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

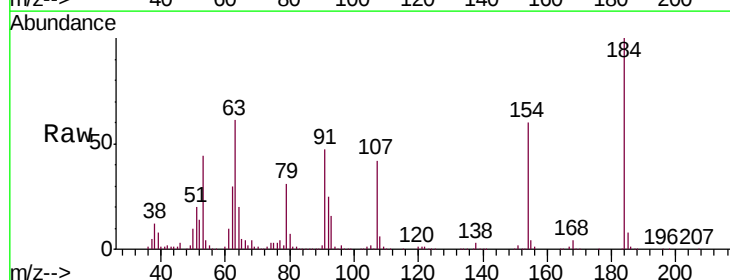
Tgt Ion:184 Resp: 376402

Ion Ratio Lower Upper

184 100

63 60.8 41.9 62.9

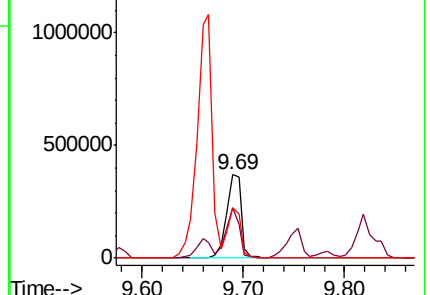
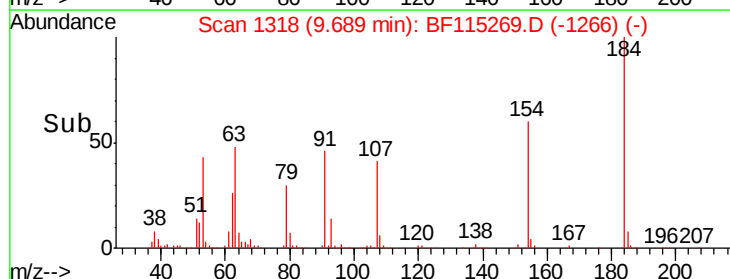
154 60.1 44.7 67.1

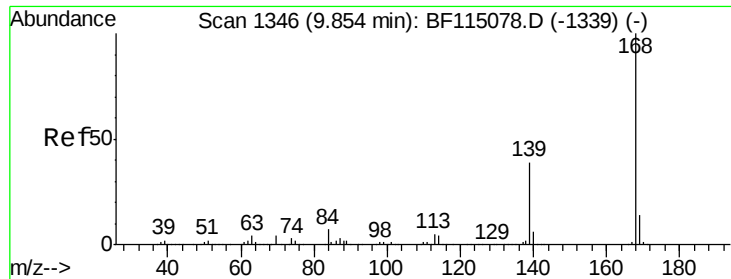


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

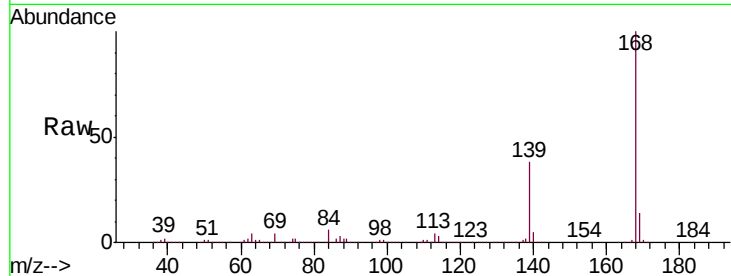




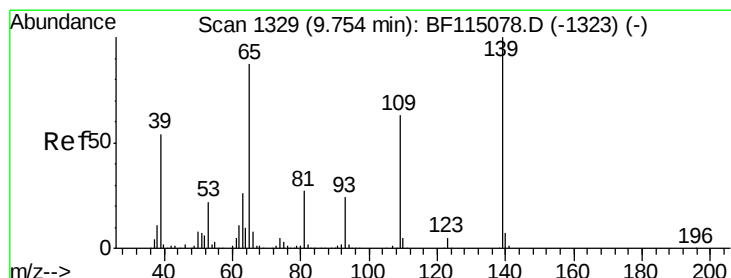
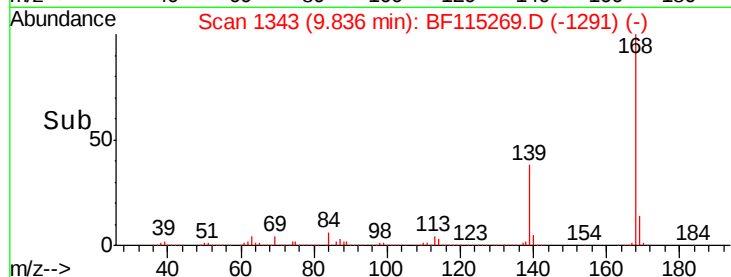
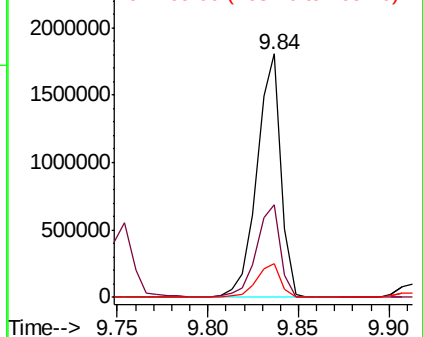
#55
Dibenzofuran
Concen: 43.131 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion:168 Resp: 1655138
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 14.0 11.3 16.9

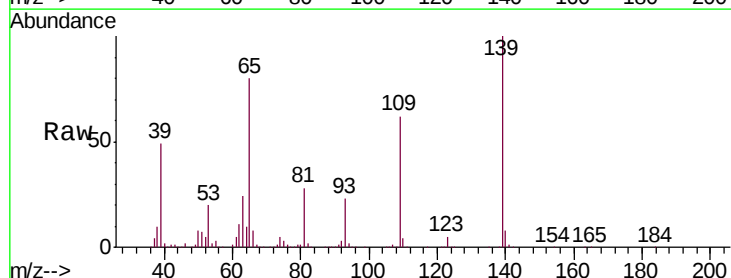


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

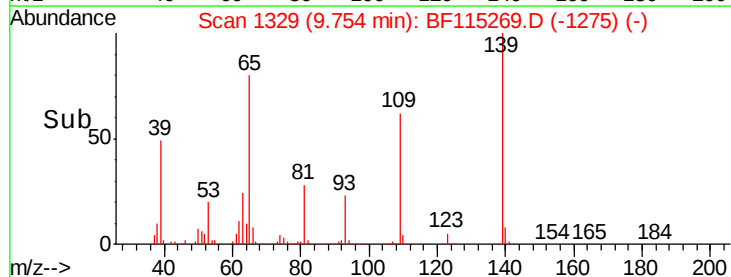
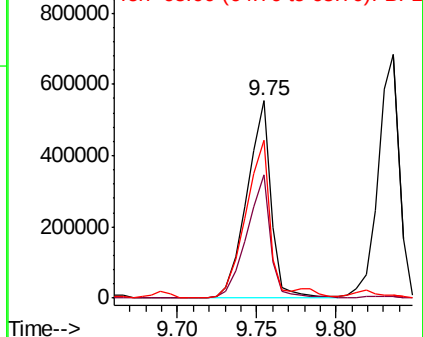


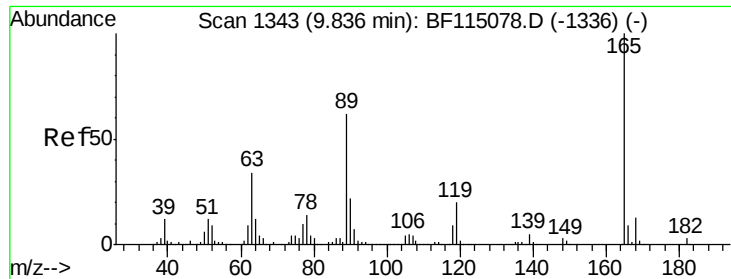
#56
4-Nitrophenol
Concen: 83.732 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:139 Resp: 587919
Ion Ratio Lower Upper
139 100
109 62.3 43.0 83.0
65 80.3 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

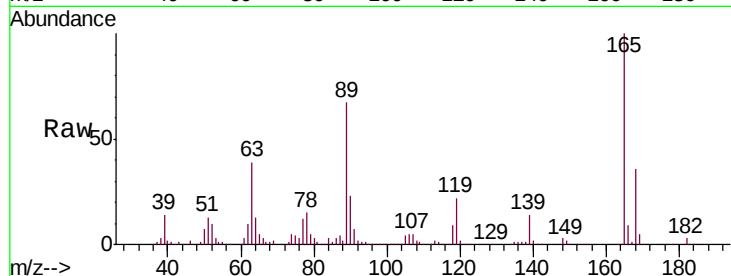




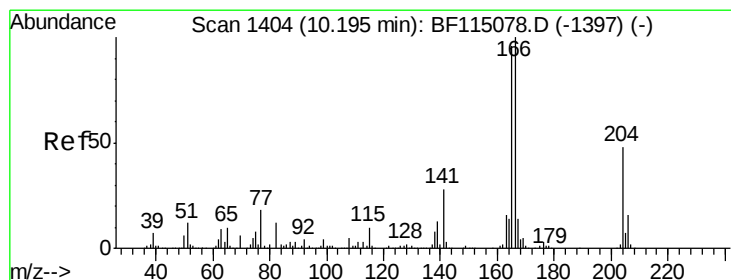
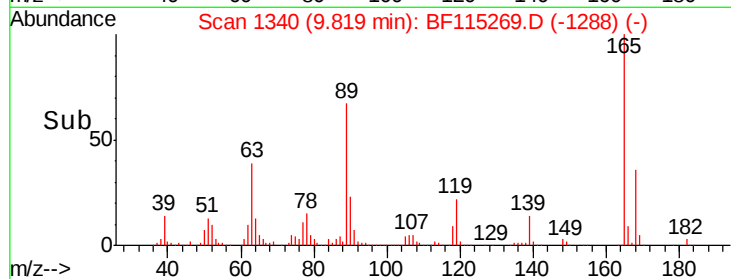
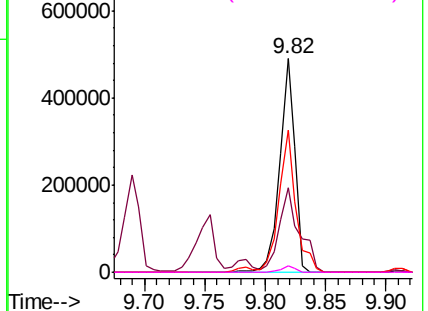
#57
2,4-Dinitrotoluene
Concen: 46.411 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion:	165	Resp:	430088
Ion	Ratio	Lower	Upper
165	100		
63	39.4	27.5	41.3
89	66.6	49.9	74.9
182	2.7	2.1	3.1

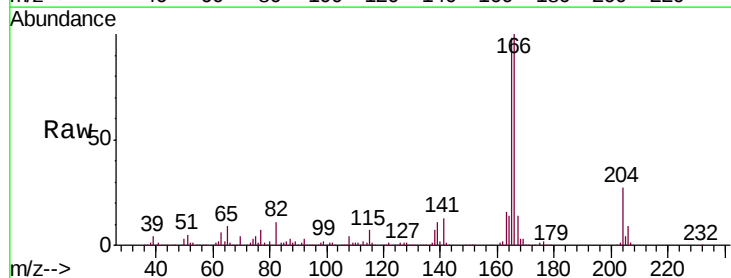


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

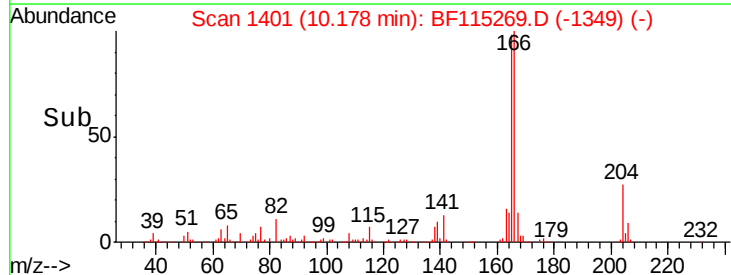
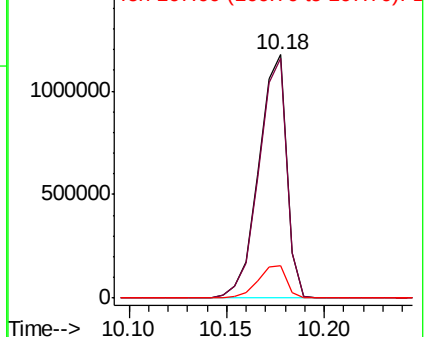


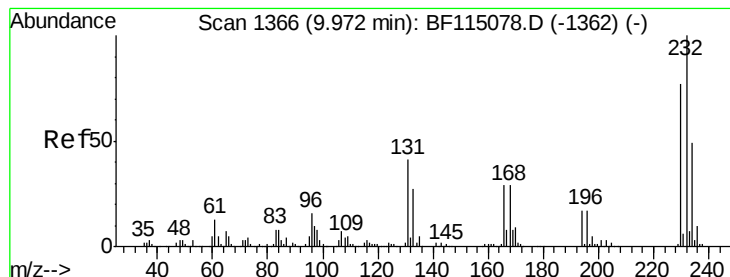
#58
Fluorene
Concen: 45.969 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:	166	Resp:	1170857
Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.5	114.7
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

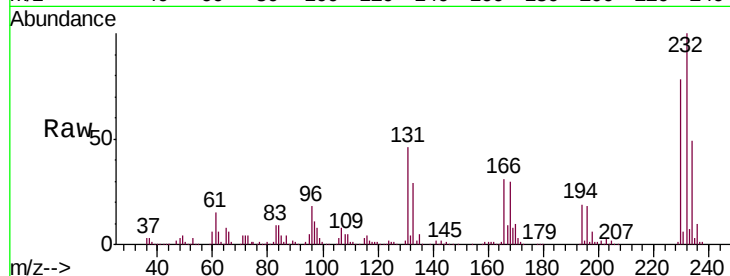




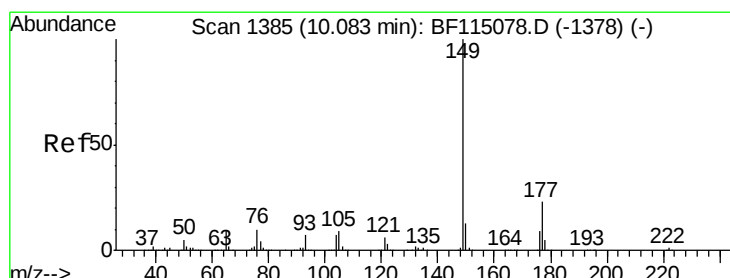
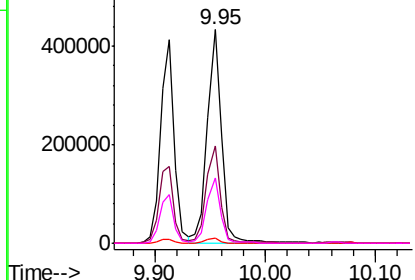
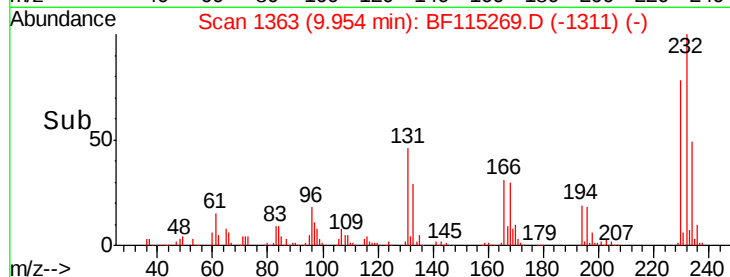
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.705 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tgt Ion:	232	Resp:	371770
Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.4	56.0
130	2.2	1.8	2.6
166	30.0	24.6	36.8

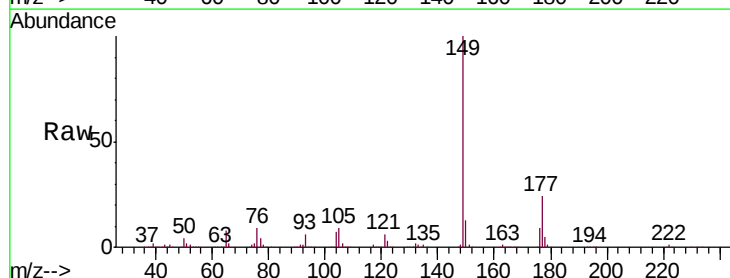


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

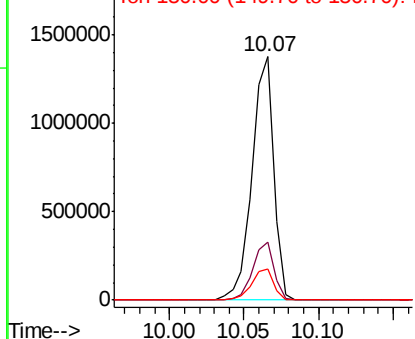
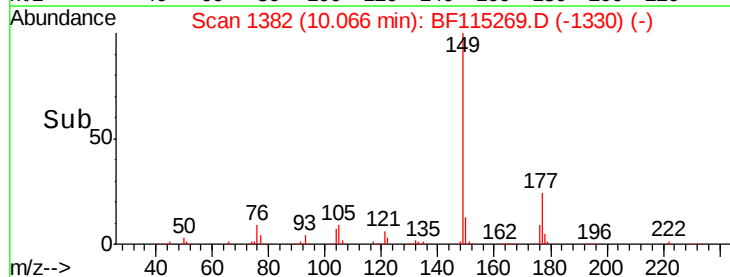


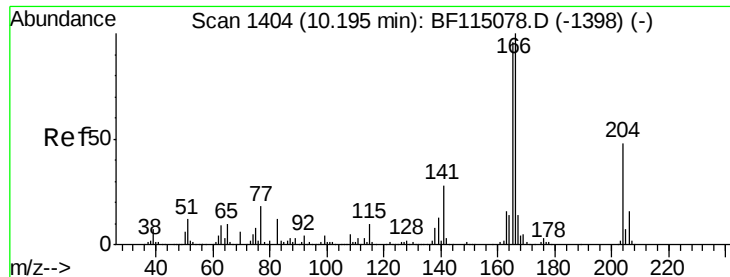
#60
 Diethylphthalate
 Concen: 44.044 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:	149	Resp:	1376321
Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.7	28.1
150	12.9	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

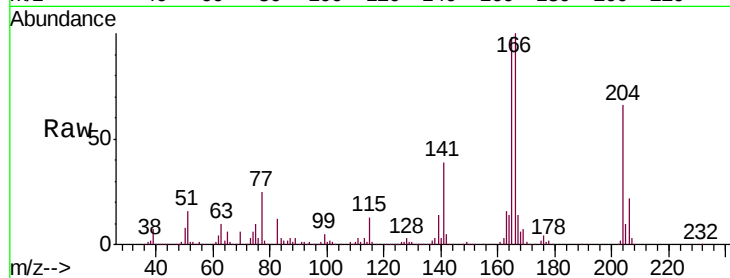




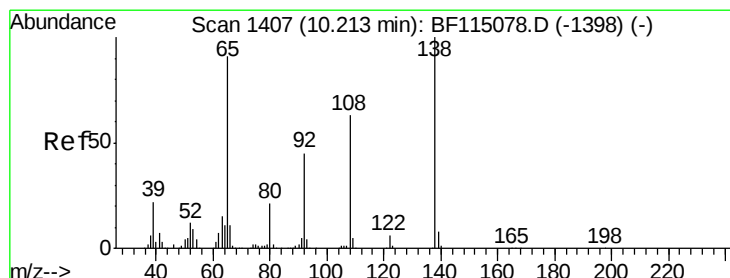
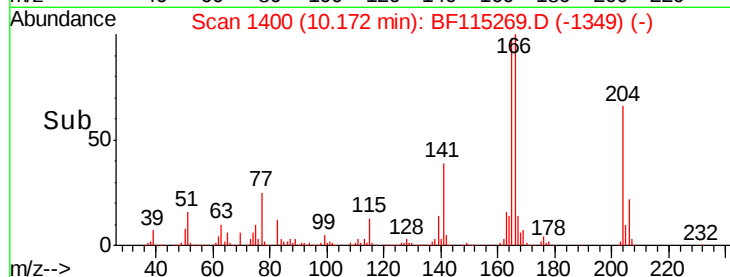
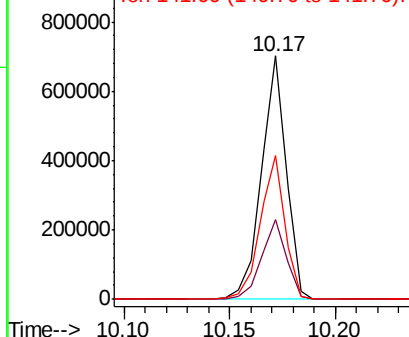
#61
4-Chlorophenyl-phenylether
Concen: 47.575 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion: 204 Resp: 572907
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 59.2 46.7 70.1

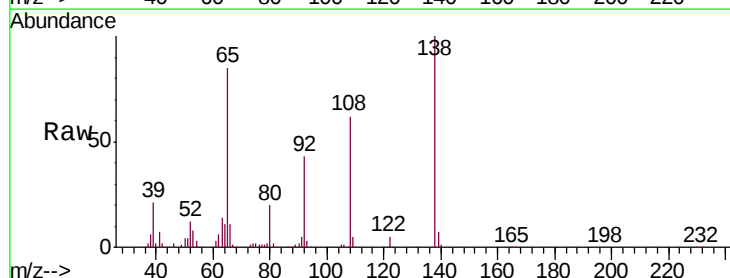


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

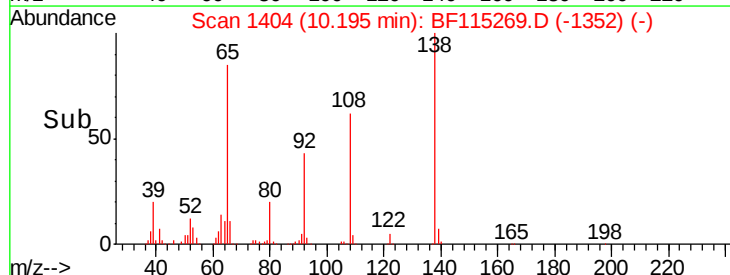
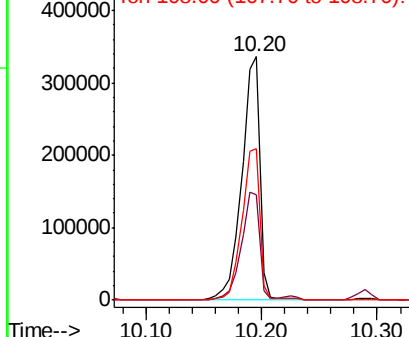


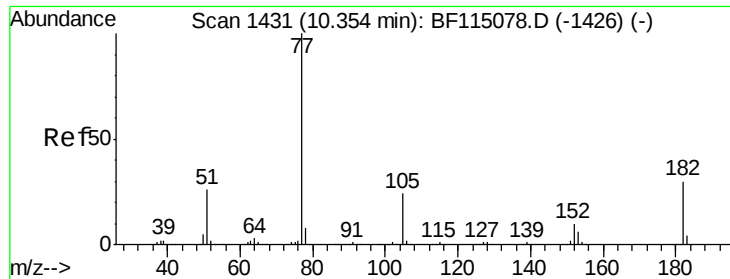
#62
4-Nitroaniline
Concen: 41.879 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion: 138 Resp: 367957
Ion Ratio Lower Upper
138 100
92 43.3 24.8 64.8
108 62.1 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.142 ng

RT: 10.33 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tgt Ion: 77 Resp: 1259179

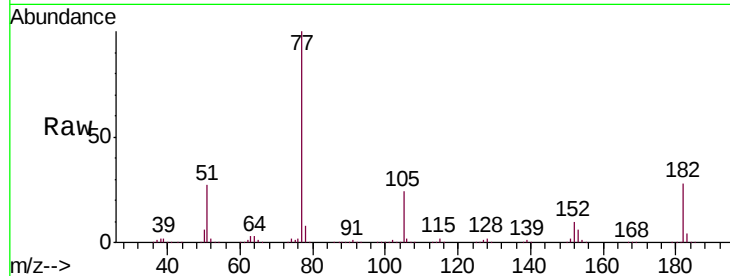
Ion Ratio Lower Upper

77 100

182 27.6 10.1 50.1

105 23.7 4.5 44.5

51 27.0 6.4 46.4

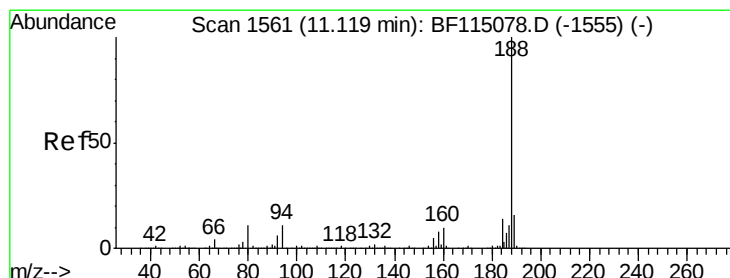
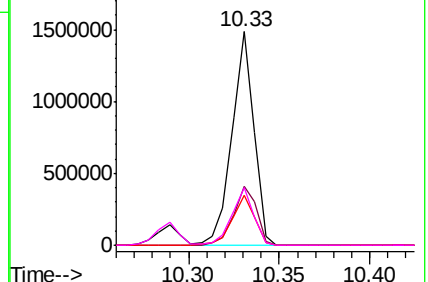
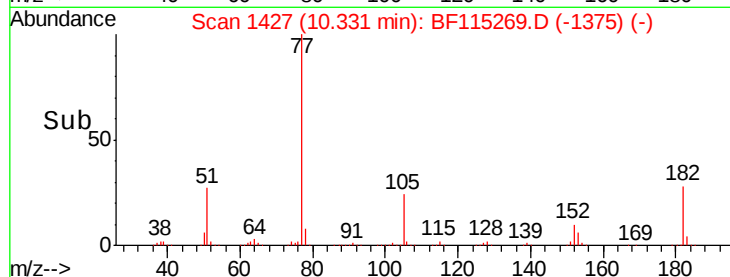


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

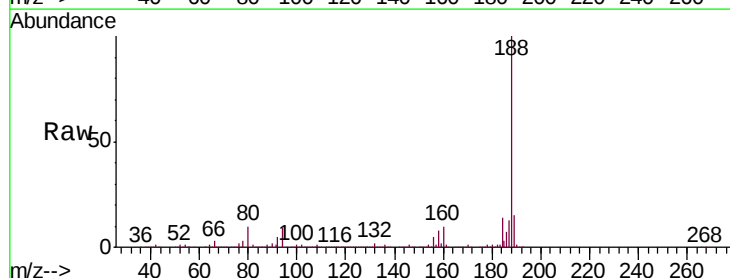
Tgt Ion: 188 Resp: 829698

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

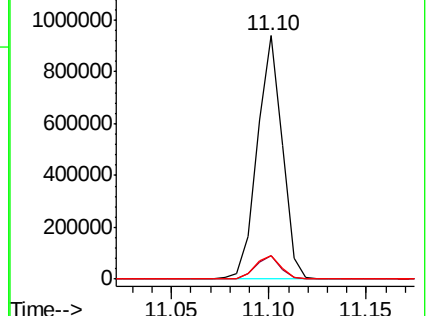
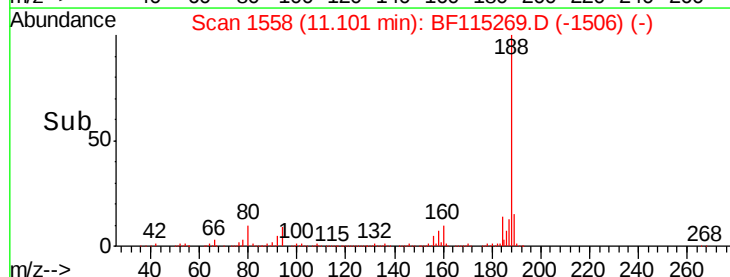
80 9.8 8.8 13.2

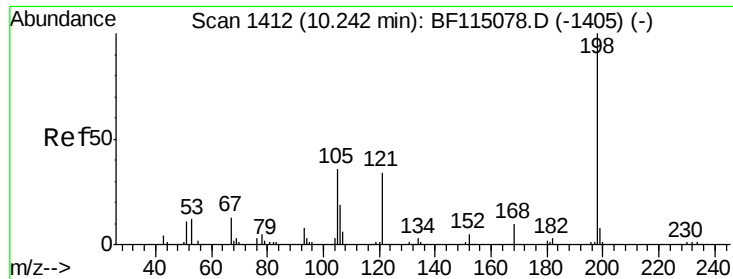


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

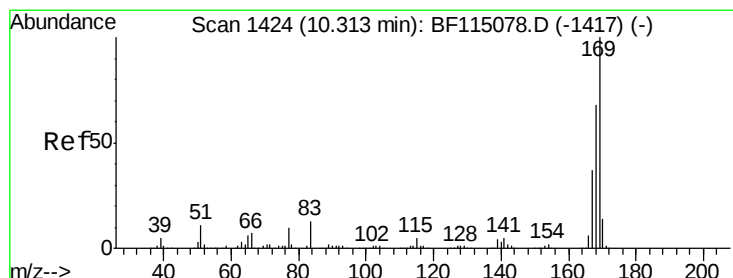
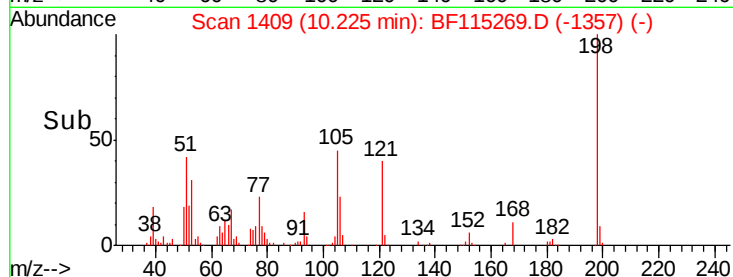
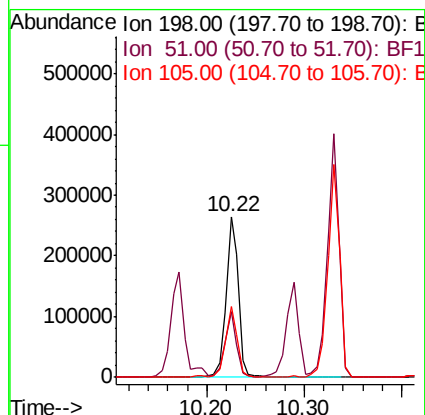
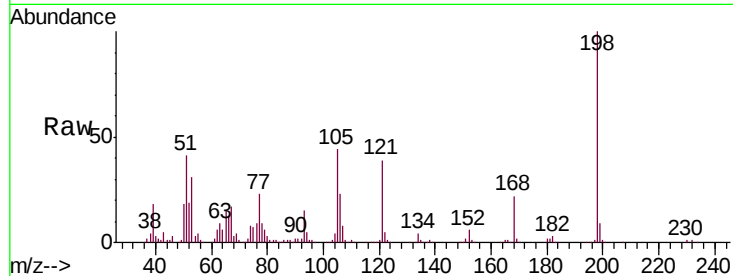




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.729 ng
 RT: 10.22 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

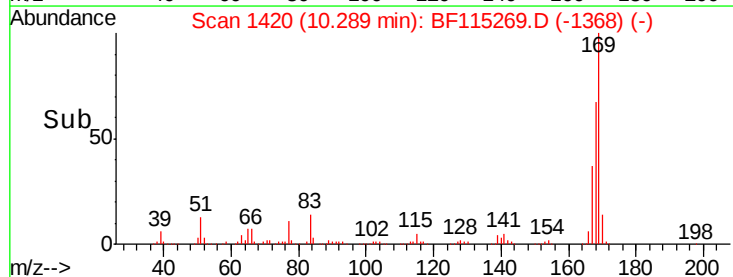
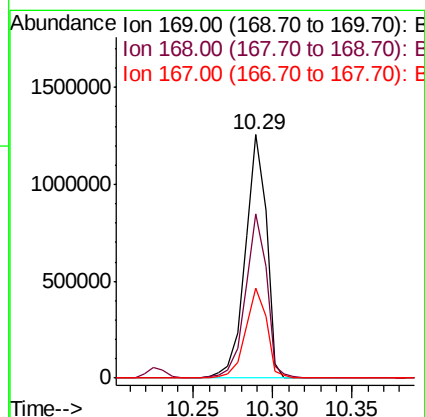
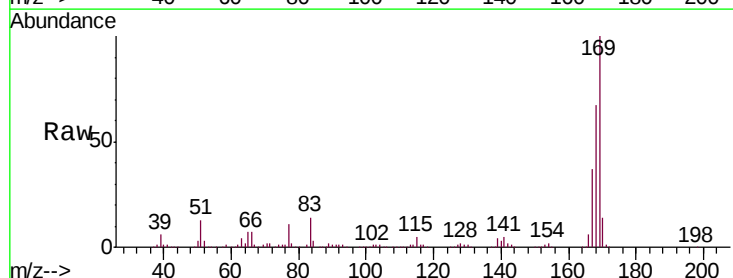
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

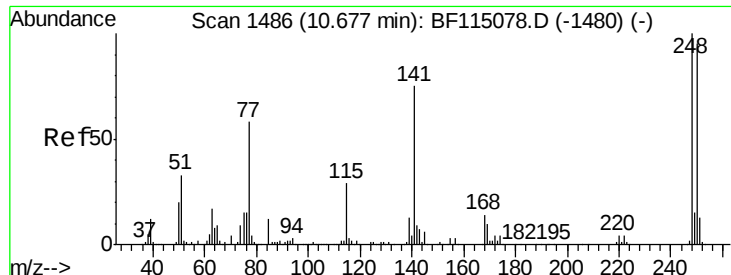
Tgt Ion:198 Resp: 230263
 Ion Ratio Lower Upper
 198 100
 51 40.9 11.0 51.0
 105 43.9 17.3 57.3



#66
 n-Nitrosodiphenylamine
 Concen: 44.582 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:169 Resp: 1152401
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.2 81.4
 167 36.9 29.4 44.0

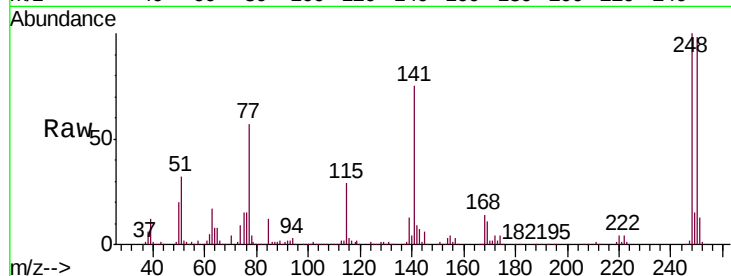




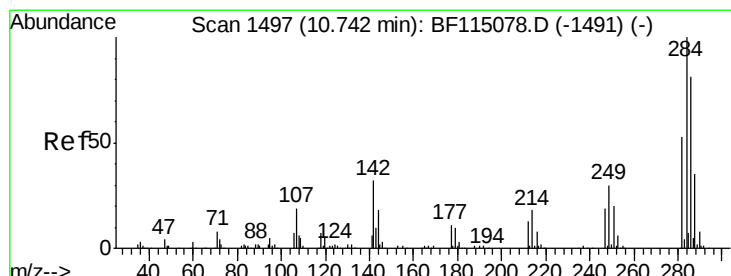
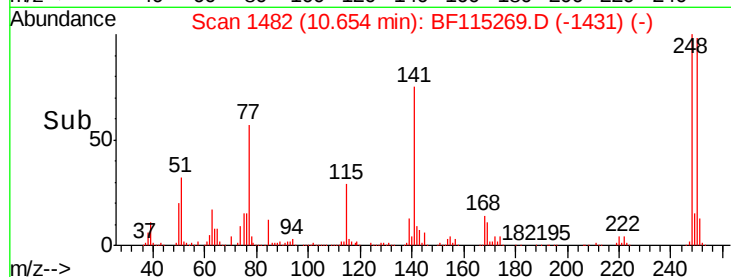
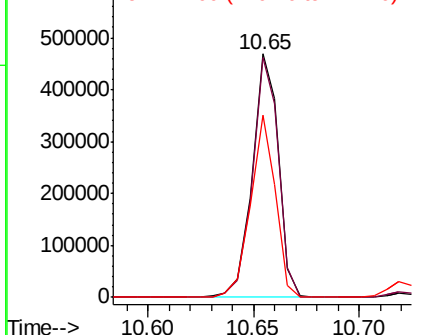
#67
 4-Bromophenyl-phenylether
 Concen: 44.987 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tgt Ion:248 Resp: 404687
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.2 114.2
 141 74.6 59.6 89.4

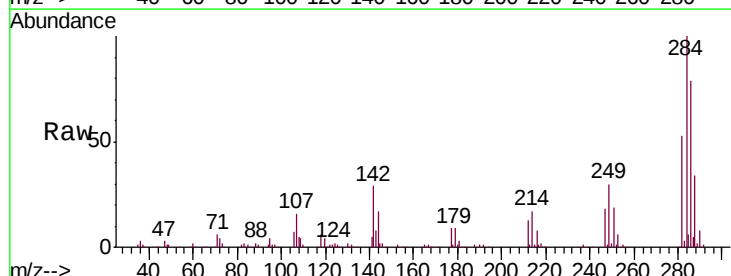


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

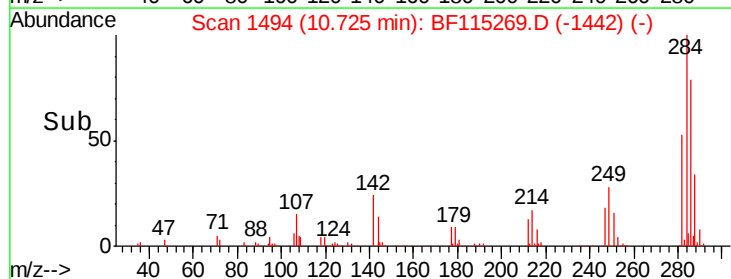
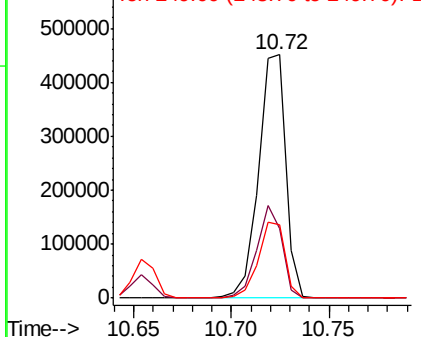


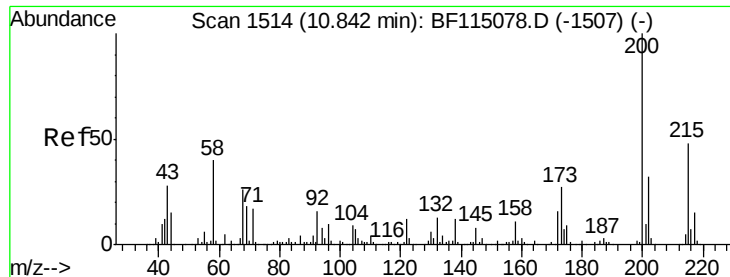
#68
 Hexachlorobenzene
 Concen: 44.545 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:284 Resp: 434951
 Ion Ratio Lower Upper
 284 100
 142 28.6 25.8 38.8
 249 30.2 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

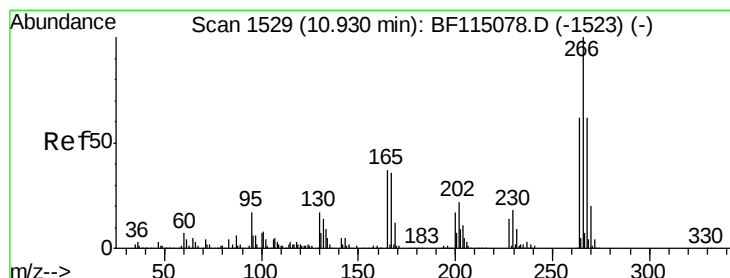
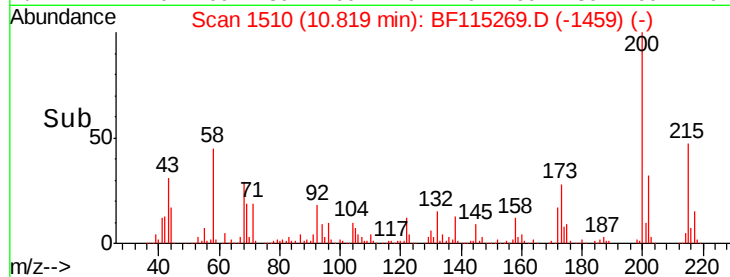
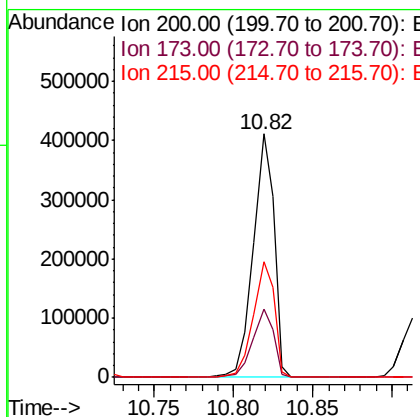
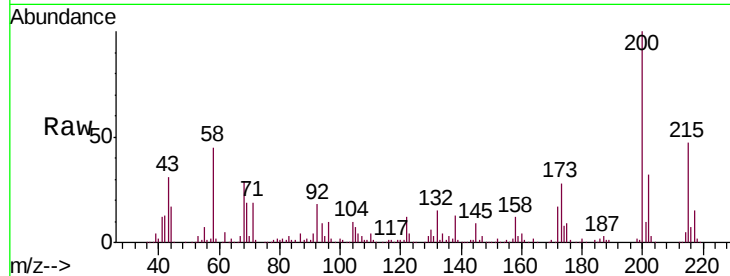




#69
 Atrazine
 Concen: 45.193 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

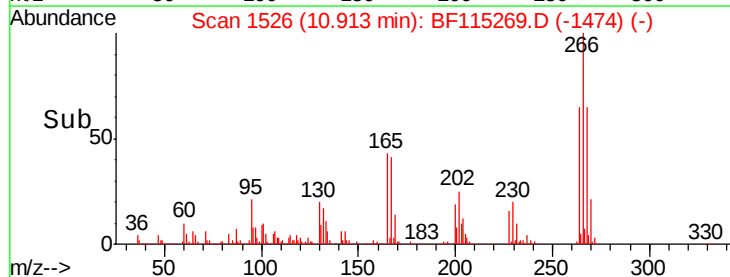
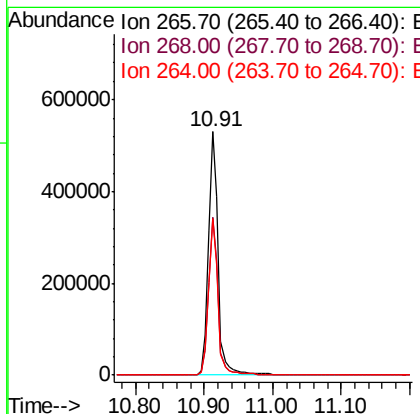
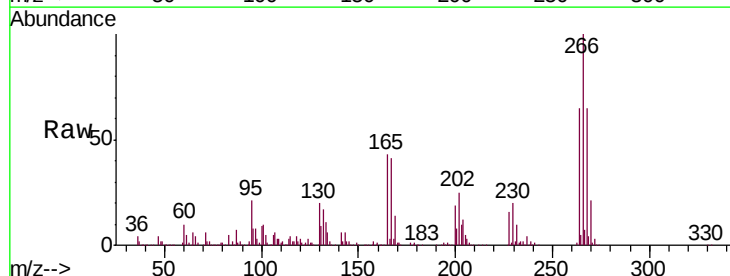
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

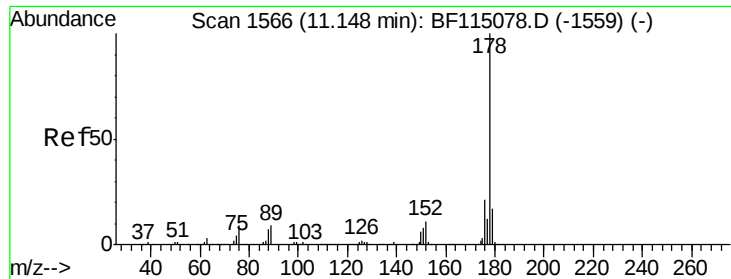
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.4	47.4
215	47.3	27.8	67.8



#70
 Pentachlorophenol
 Concen: 86.548 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.5	74.3
264	64.5	49.3	73.9

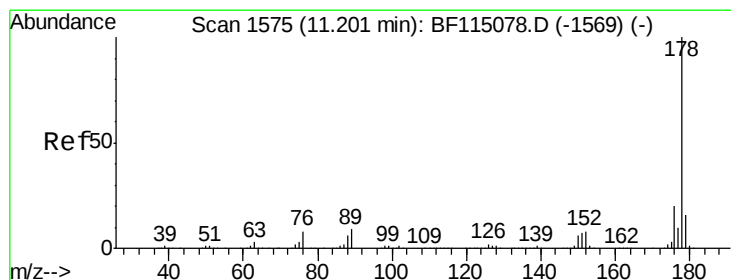
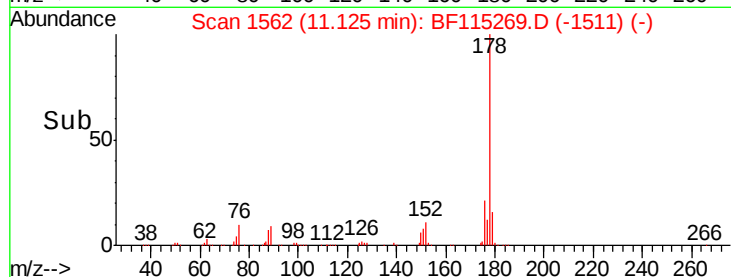
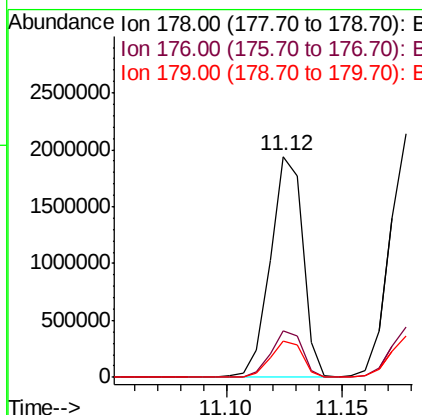
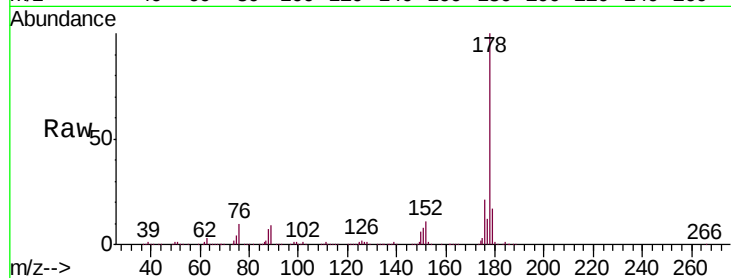




#71
Phenanthrene
Concen: 42.265 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

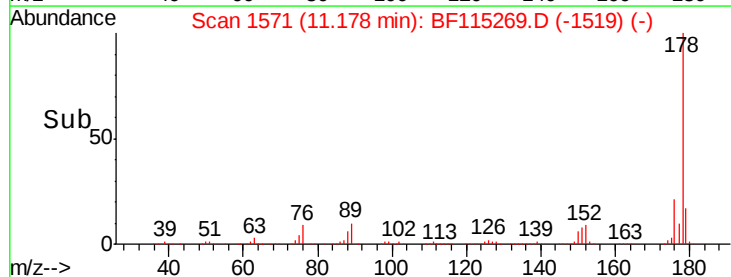
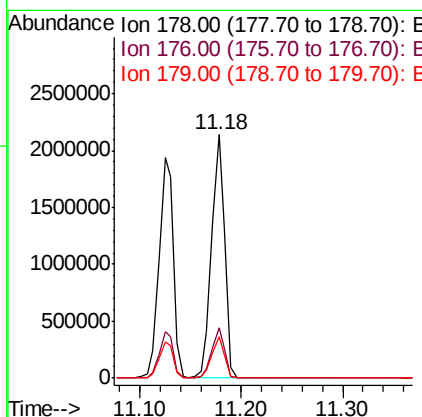
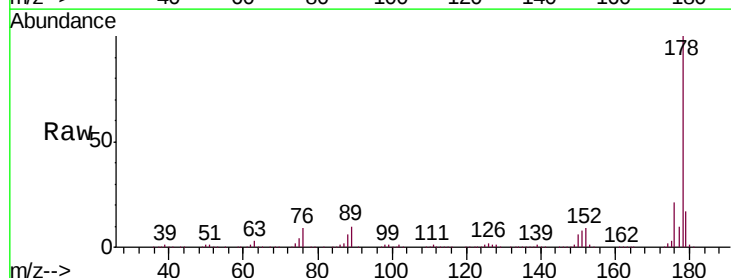
Instrument :
BNA_F
ClientSampleId :
PB120890BSD

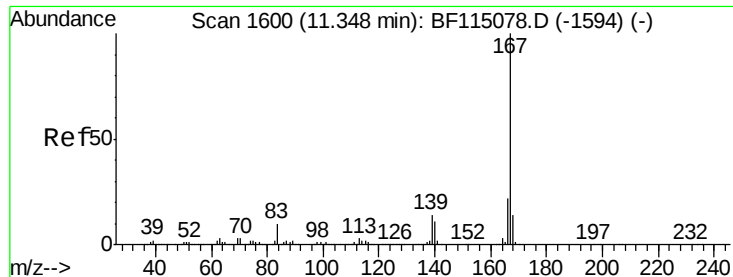
Tgt Ion:178 Resp: 1888051
Ion Ratio Lower Upper
178 100
176 21.0 16.9 25.3
179 16.5 13.2 19.8



#72
Anthracene
Concen: 42.811 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:178 Resp: 1930481
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 16.9 12.9 19.3

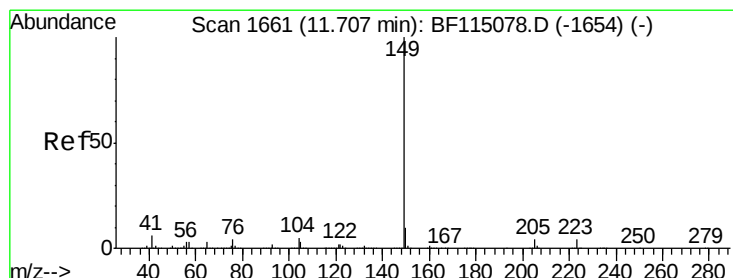
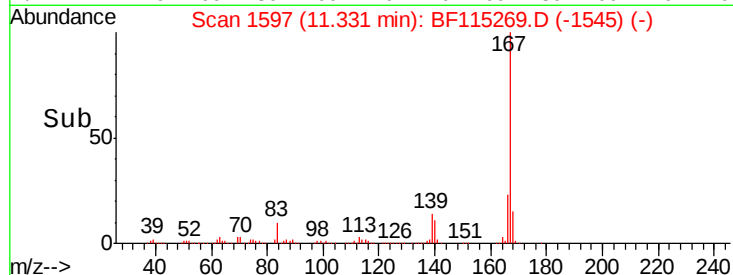
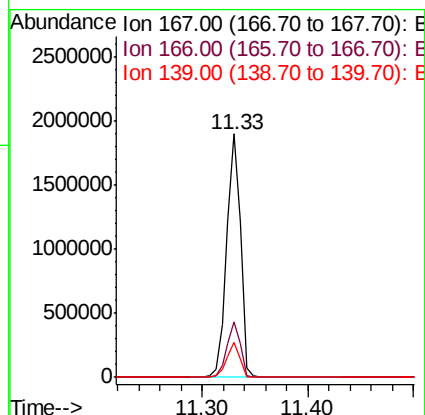
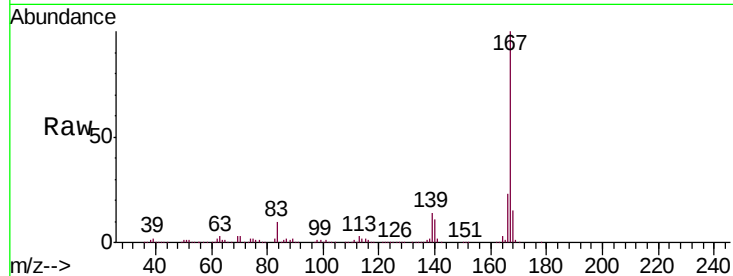




#73
 Carbazole
 Concen: 43.154 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

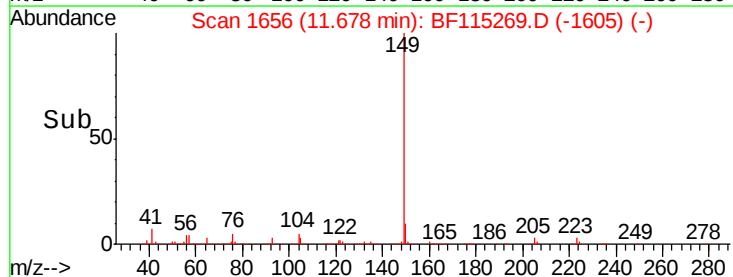
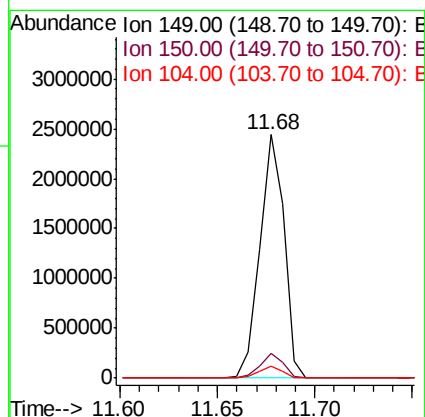
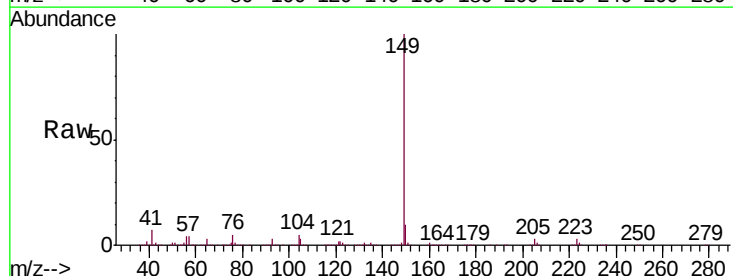
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

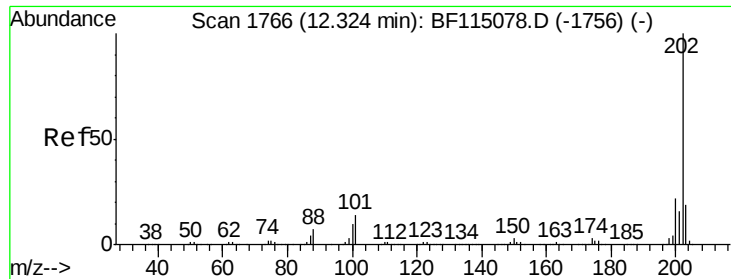
Tgt Ion:167 Resp: 1737662
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.4 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 45.071 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:149 Resp: 2097156
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.0 3.7 5.5

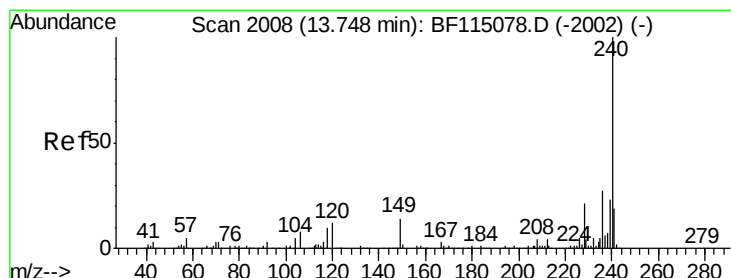
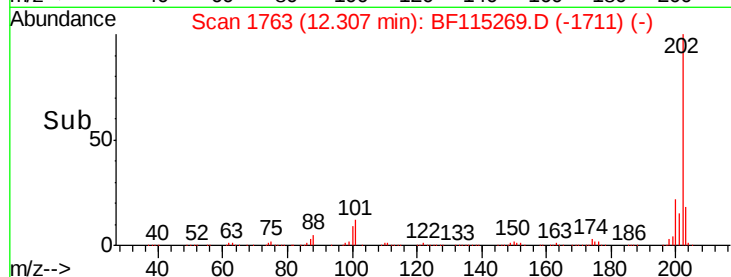
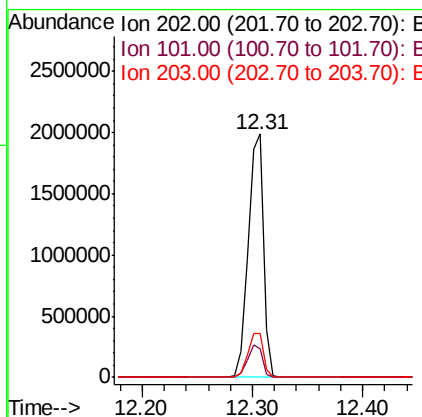
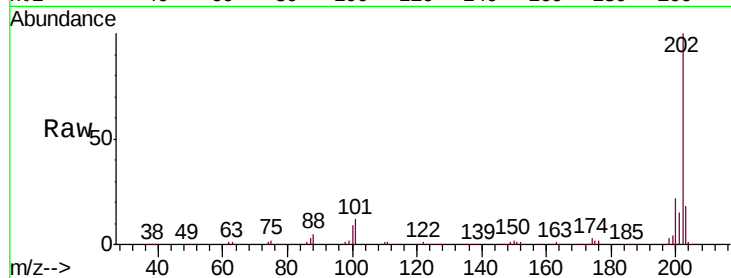




#75
Fluoranthene
Concen: 43.445 ng
RT: 12.31 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

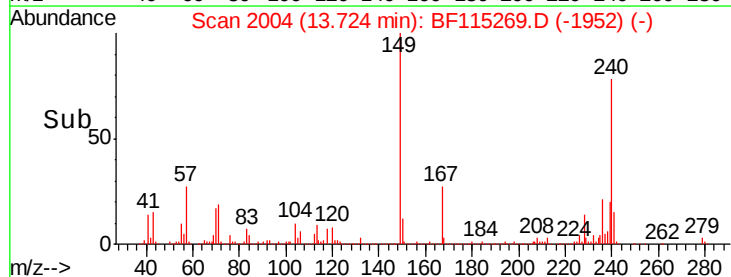
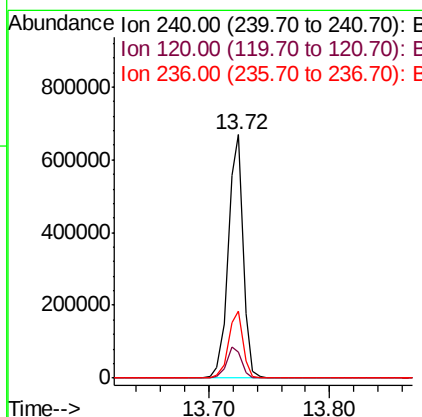
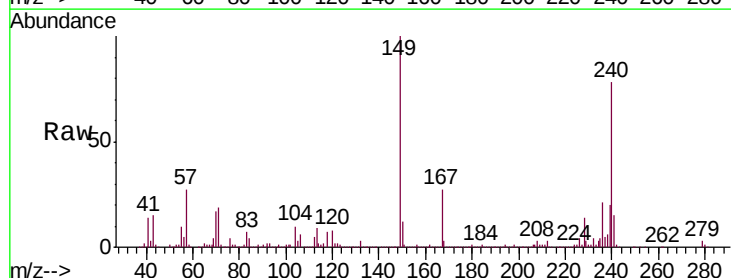
Instrument :
BNA_F
ClientSampleId :
PB120890BSD

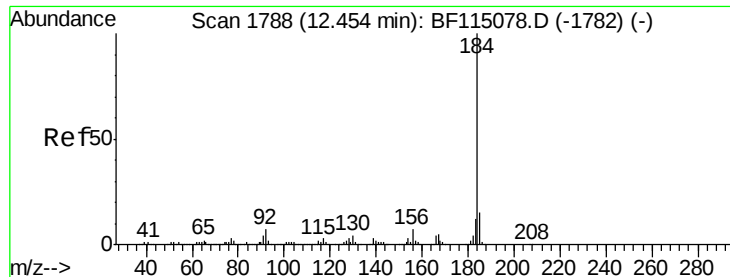
Tgt Ion: 202 Resp: 1936400
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.0
203 18.0 0.0 38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion: 240 Resp: 570857
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 27.4 21.7 32.5





#77

Benzidine

Concen: 41.736 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

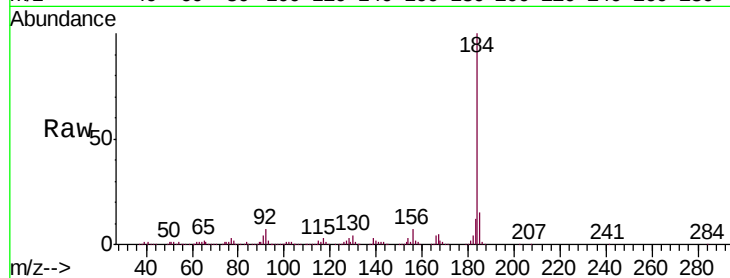
Tgt Ion:184 Resp: 1057944

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

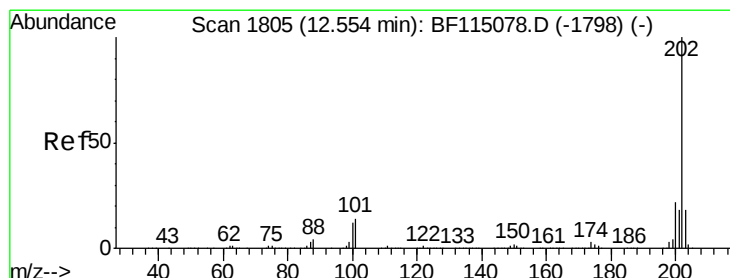
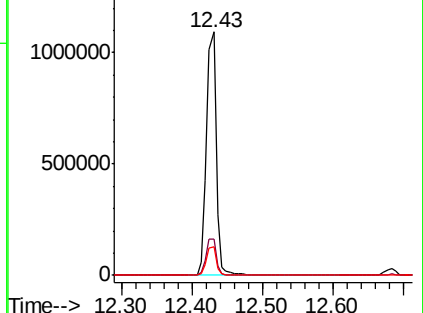
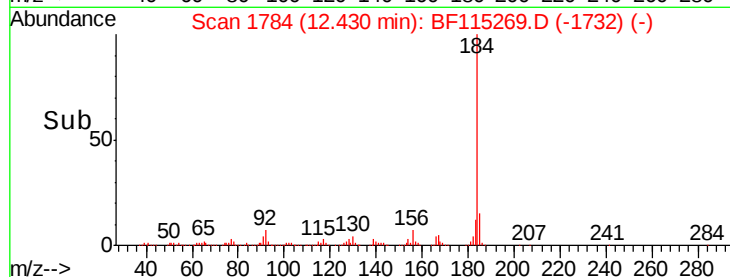
183 12.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.878 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

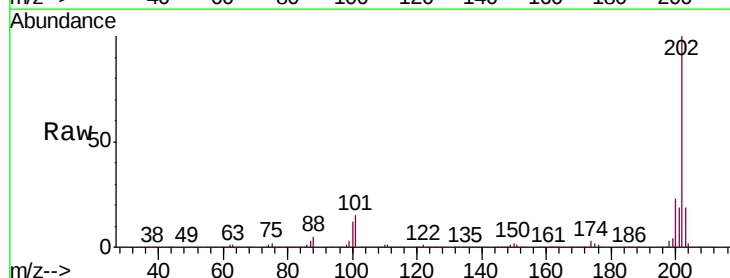
Tgt Ion:202 Resp: 1968836

Ion Ratio Lower Upper

202 100

200 23.4 17.9 26.9

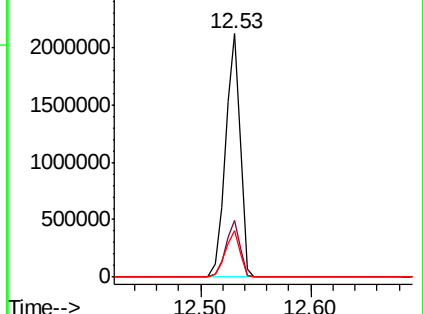
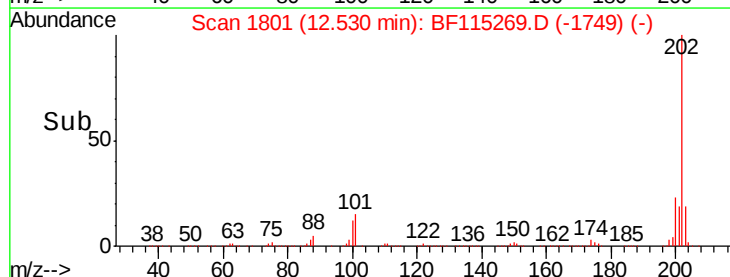
203 19.1 14.6 21.8

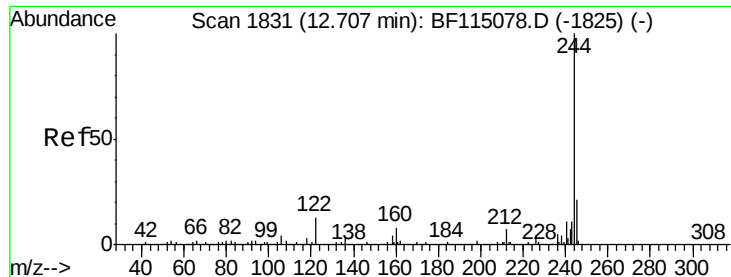


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.047 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

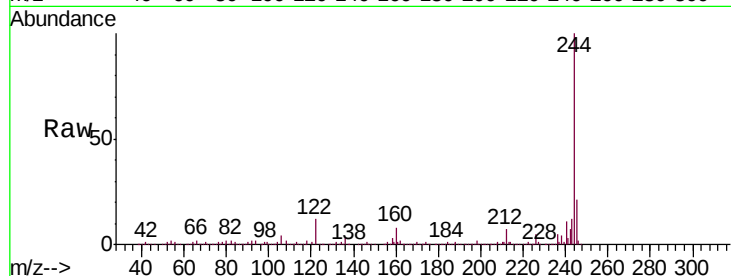
Tgt Ion:244 Resp: 2444540

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

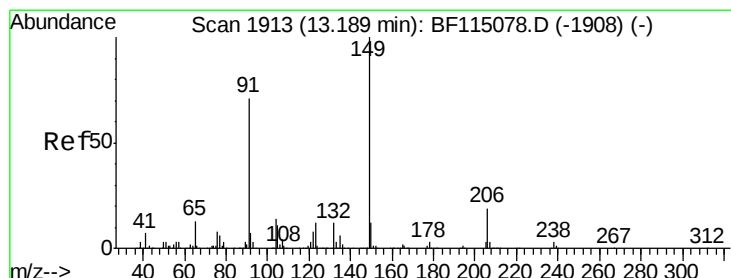
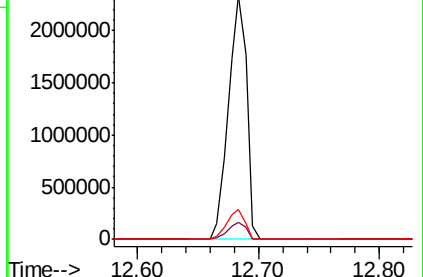
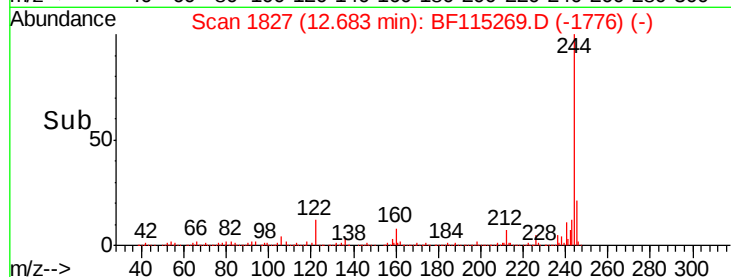
122 12.4 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.191 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

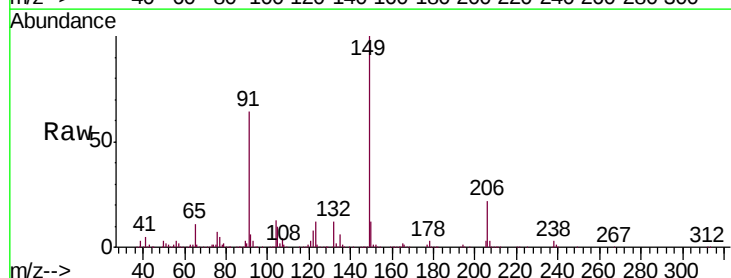
Tgt Ion:149 Resp: 933005

Ion Ratio Lower Upper

149 100

91 63.9 56.5 84.7

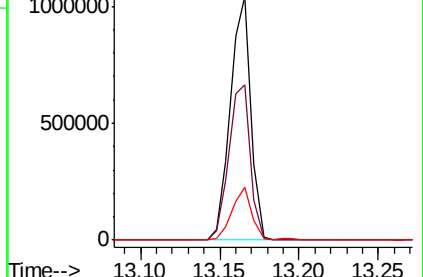
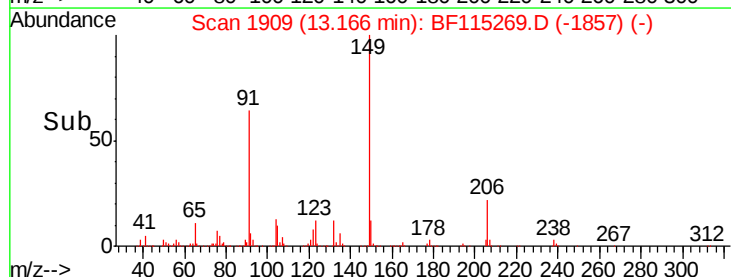
206 21.7 15.3 22.9

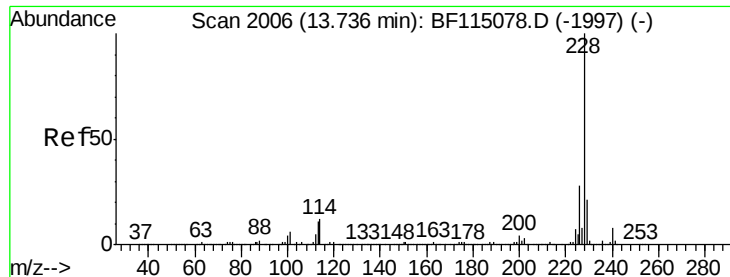


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.291 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

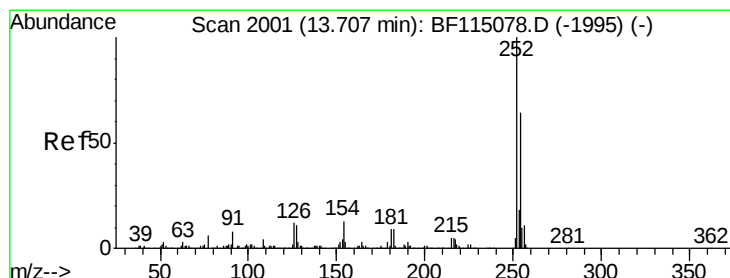
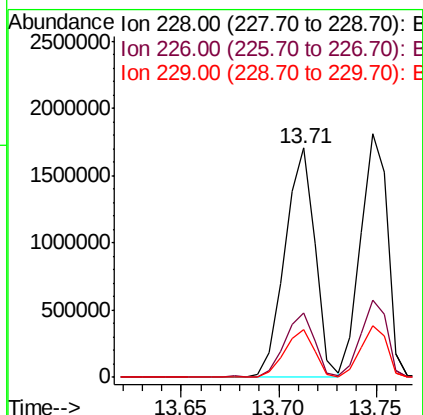
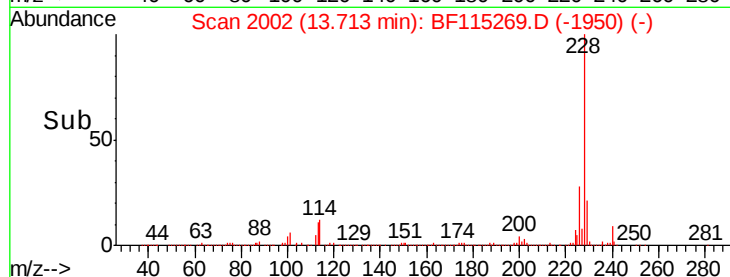
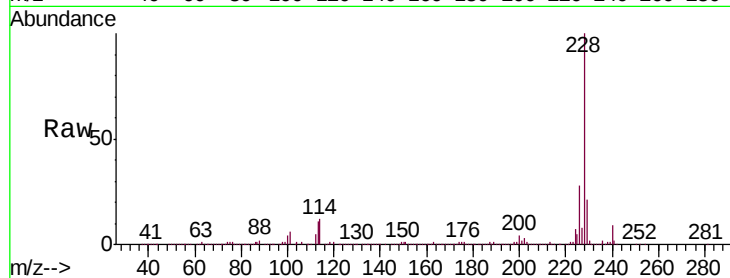
Tgt Ion:228 Resp: 1814186

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

229 20.7 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 33.045 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

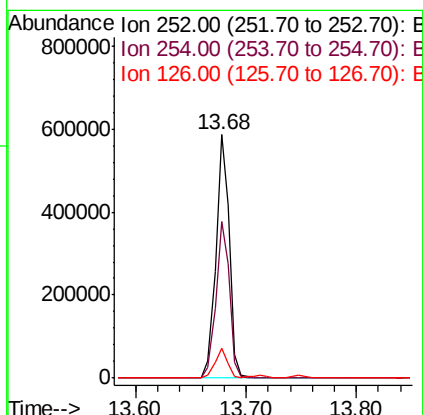
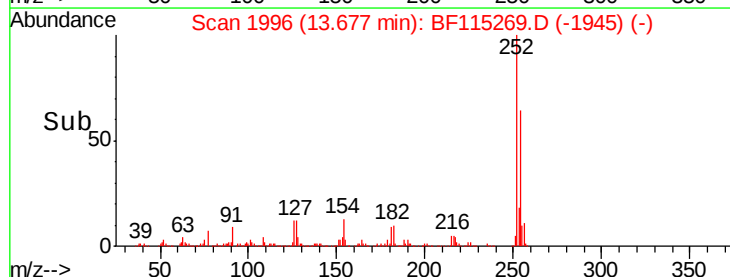
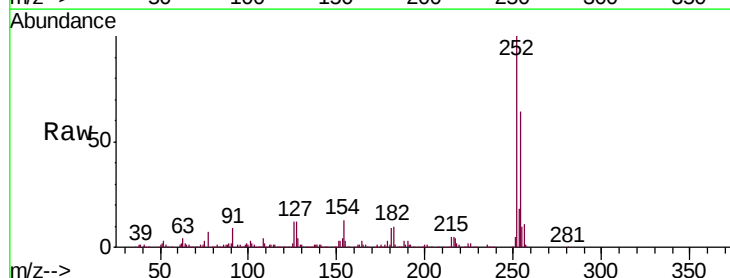
Tgt Ion:252 Resp: 488792

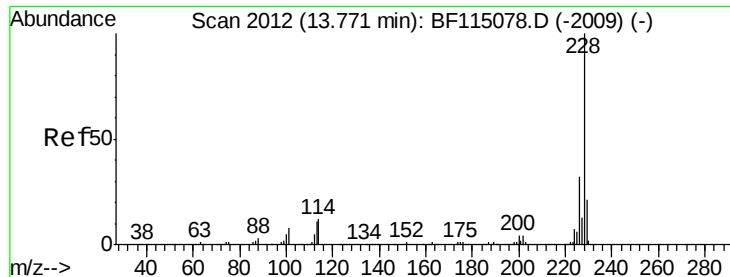
Ion Ratio Lower Upper

252 100

254 64.3 51.1 76.7

126 12.4 9.4 14.0





#83

Chrysene

Concen: 46.341 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

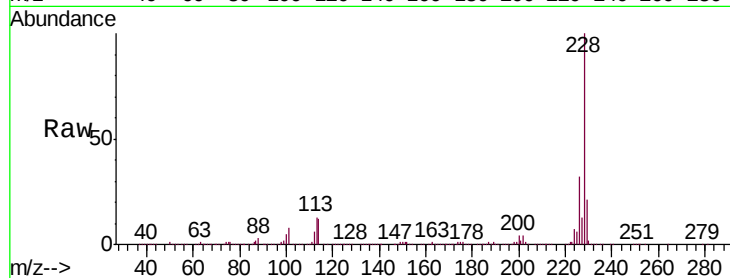
Tgt Ion:228 Resp: 1738763

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

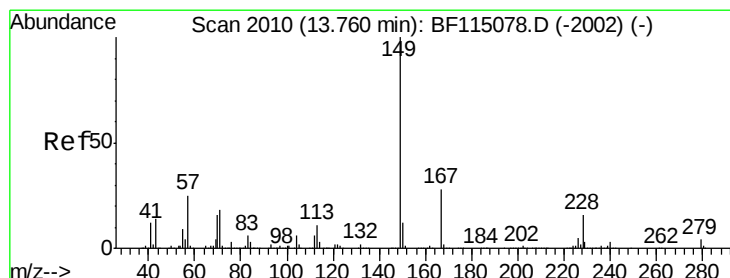
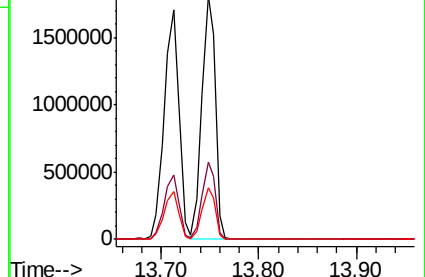
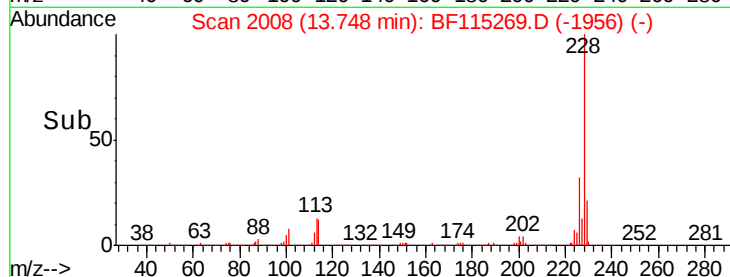
229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

2500000 Ion 226.00 (225.70 to 226.70): E

2000000 Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.916 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

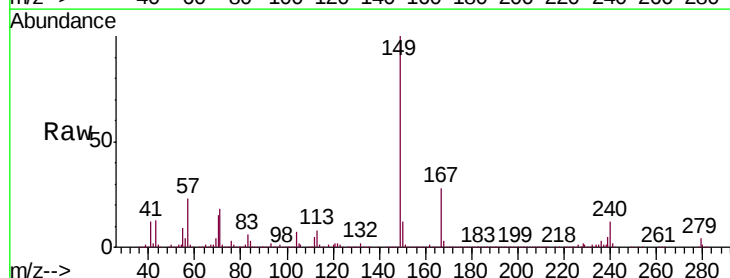
Tgt Ion:149 Resp: 1266303

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

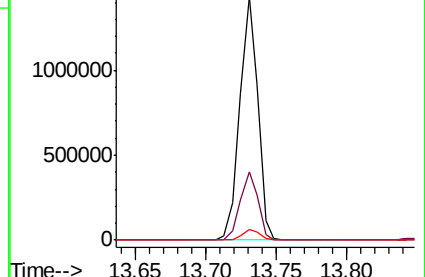
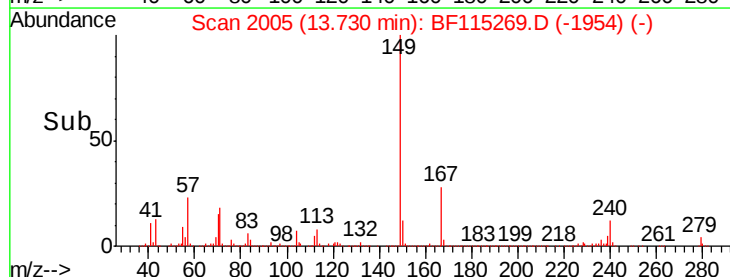
279 4.1 2.9 4.3

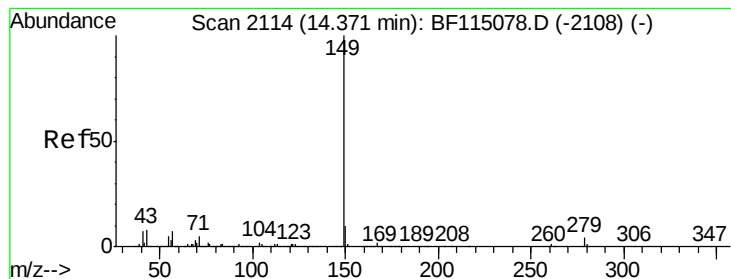


Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 167.00 (166.70 to 167.70): E

1500000 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.474 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

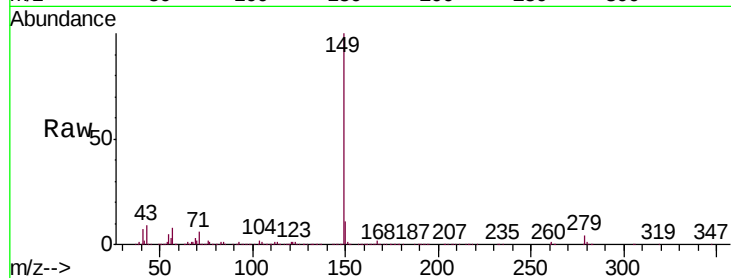
Tgt Ion:149 Resp: 2151386

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

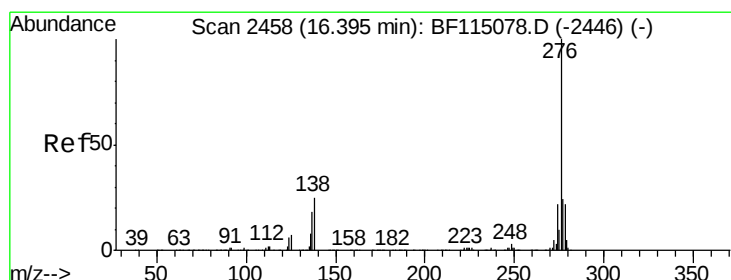
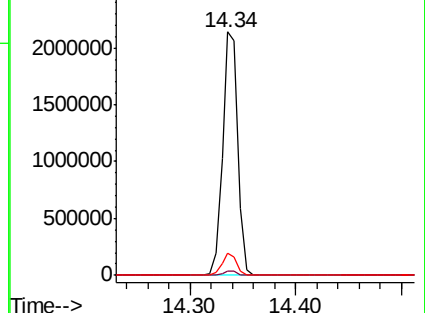
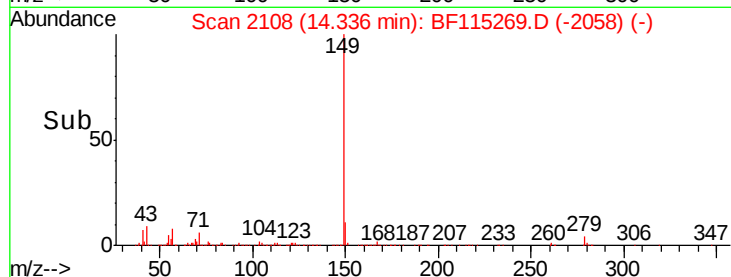
43 8.4 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.876 ng

RT: 16.36 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

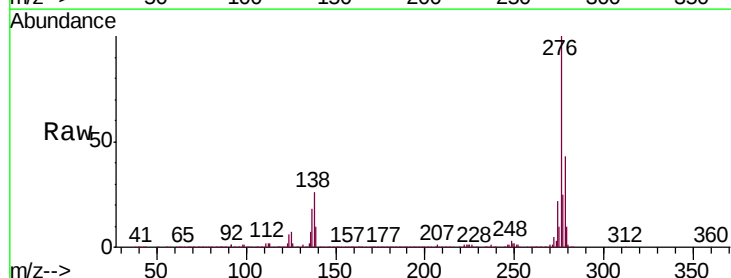
Tgt Ion:276 Resp: 2125611

Ion Ratio Lower Upper

276 100

138 27.8 23.2 34.8

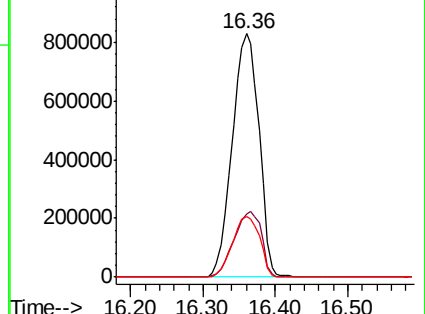
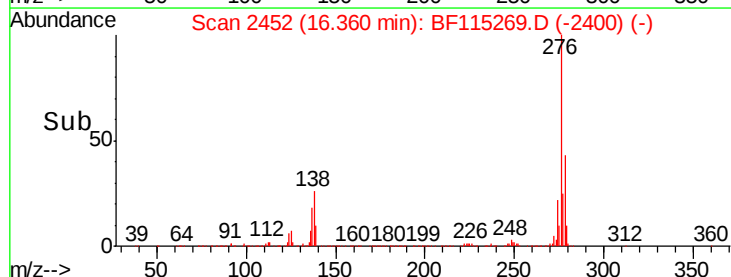
277 25.4 20.1 30.1

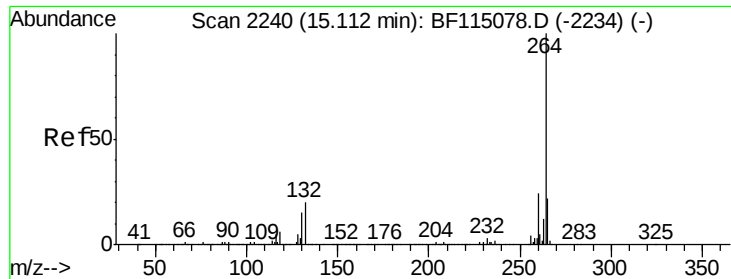


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



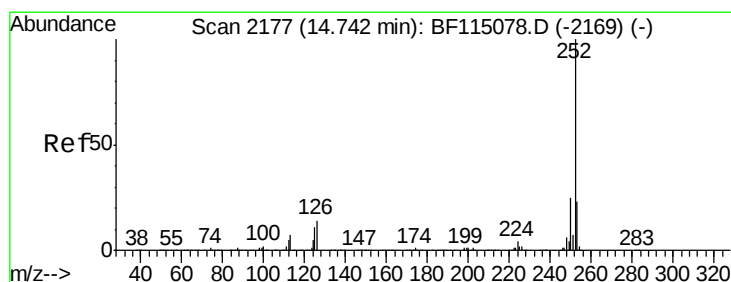
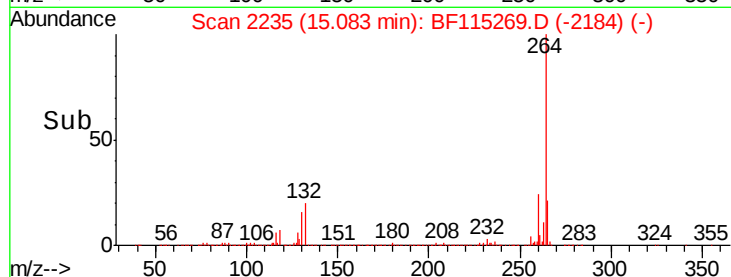
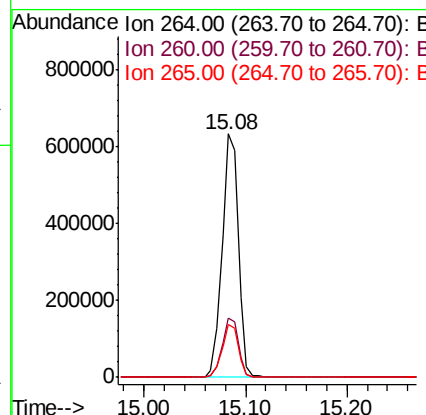
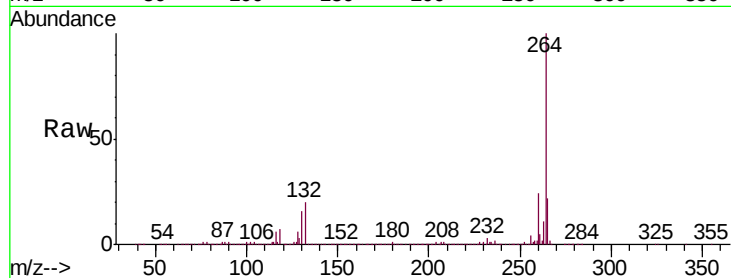


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tgt Ion: 264 Resp: 706476

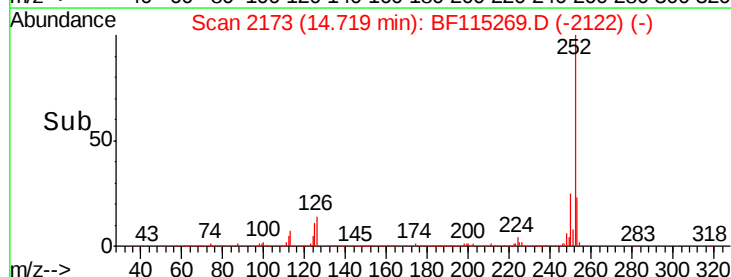
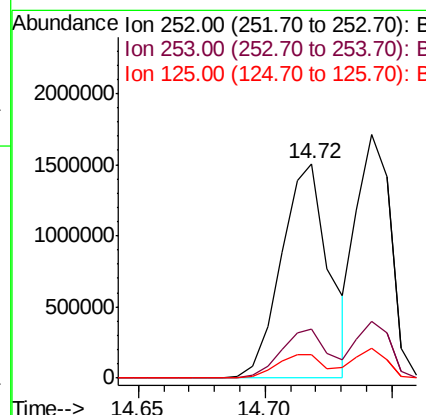
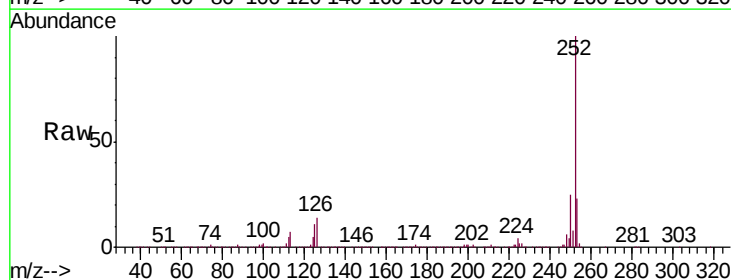
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.5	17.3	25.9

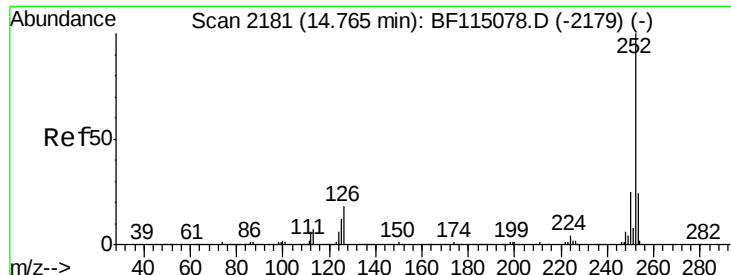


#88
Benzo(b)fluoranthene
Concen: 44.742 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion: 252 Resp: 1972331

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.8	8.7	13.1

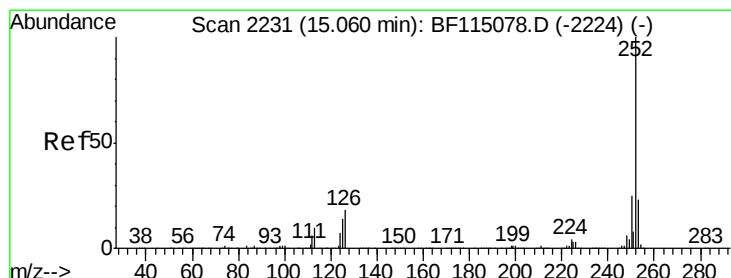
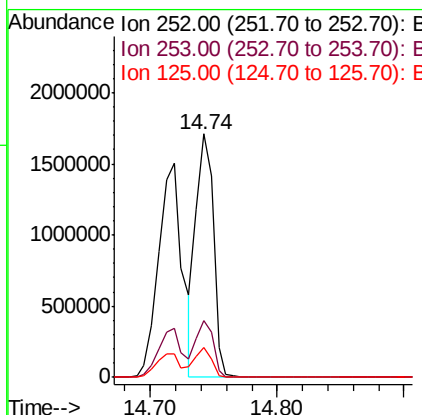
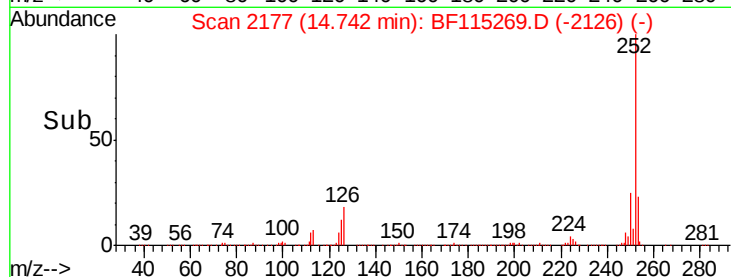
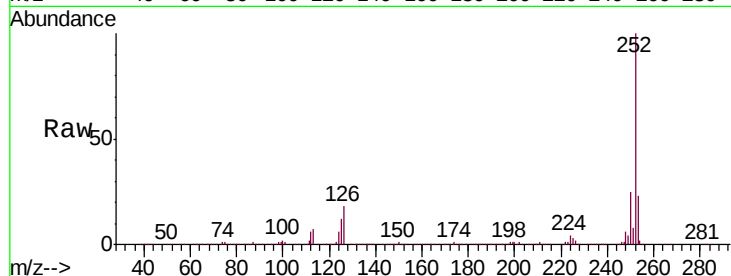




#89
Benzo(k)fluoranthene
Concen: 40.741 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

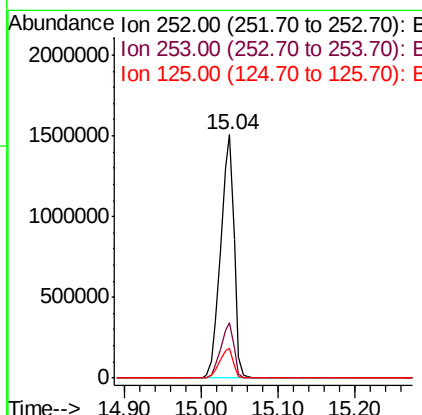
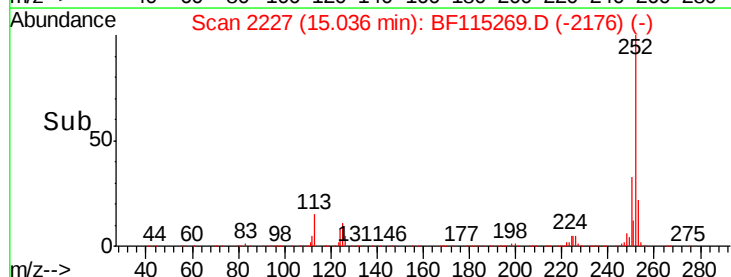
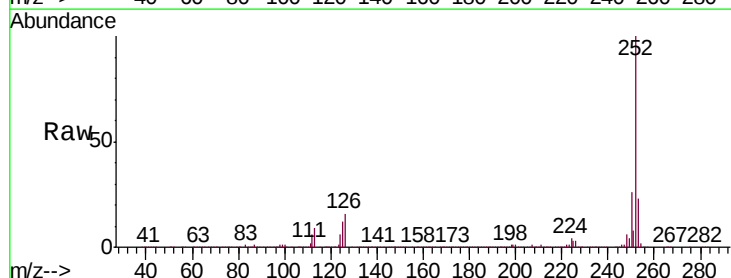
Instrument :
BNA_F
ClientSampleId :
PB120890BSD

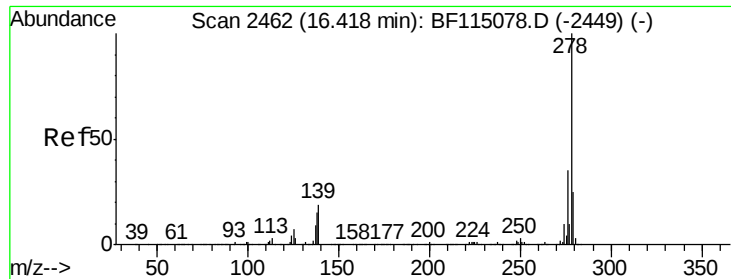
Tgt Ion:252 Resp: 1610560
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 12.2 10.2 15.2



#90
Benzo(a)pyrene
Concen: 45.355 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:252 Resp: 1802038
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 12.4 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 46.540 ng

RT: 16.38 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

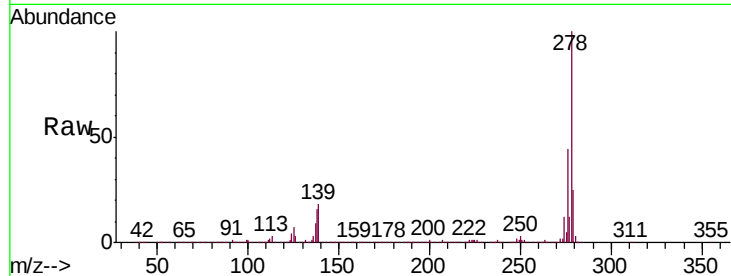
Tgt Ion:278 Resp: 1726271

Ion Ratio Lower Upper

278 100

139 18.4 15.4 23.2

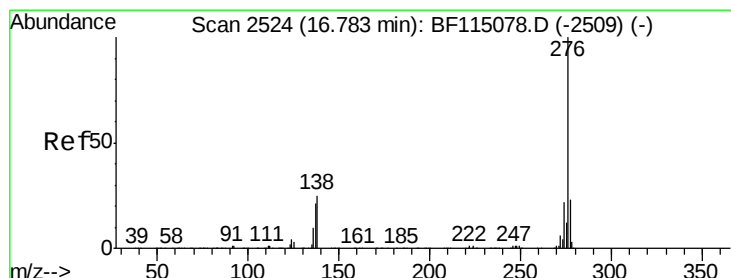
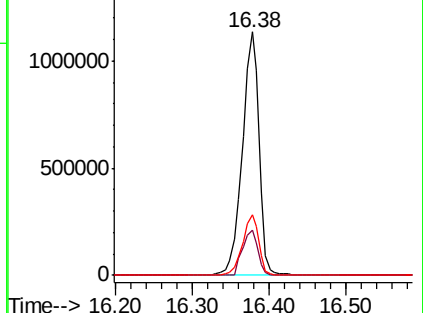
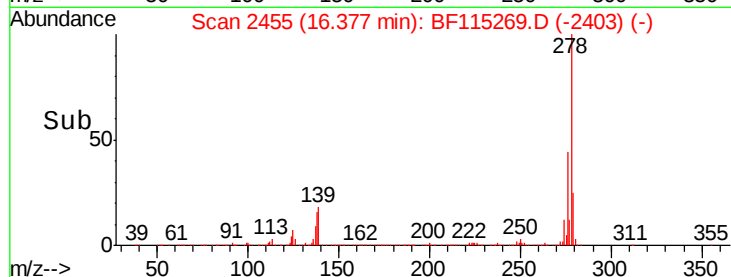
279 25.1 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.613 ng

RT: 16.74 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

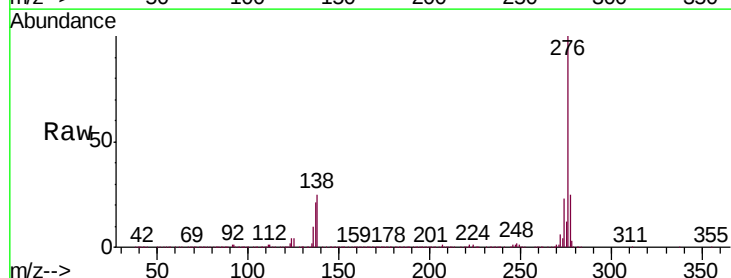
Tgt Ion:276 Resp: 1787448

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 25.1 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

