

Data File : BF115272.D
Acq On : 28 Jun 2019 11:09
Operator : HP/JU
Sample : PB120961BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Quant Time: Jun 29 02:30:46 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	255505	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	986882	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	492840	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	958286	20.00	ng	0.00
76) Chrysene-d12	13.72	240	634553	20.00	ng	0.00
87) Perylene-d12	15.09	264	807123	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1925640	116.30	ng	0.02
7) Phenol-d6	6.25	99	2354500	117.16	ng	0.01
23) Nitrobenzene-d5	7.17	82	1487573	92.72	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	693661	133.47	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	2674447	92.18	ng	0.00
79) Terphenyl-d14	12.69	244	2913926	97.64	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.24	88	259257	33.178 ng	98
3) Pyridine	2.88	79	751235	34.110 ng	99
4) n-Nitrosodimethylamine	2.83	42	322868	37.395 ng	98
6) Aniline	6.27	93	681959	24.691 ng	# 21
8) 2-Chlorophenol	6.39	128	783988	42.110 ng	99
9) Benzaldehyde	6.14	77	155276	11.843 ng	99
10) Phenol	6.26	94	898114	38.152 ng	92
11) bis(2-Chloroethyl)ether	6.34	93	726058	41.842 ng	98
12) 1,3-Dichlorobenzene	6.54	146	844976	40.895 ng	100
13) 1,4-Dichlorobenzene	6.62	146	851427	41.093 ng	99
14) 1,2-Dichlorobenzene	6.77	146	782516	40.783 ng	98
15) Benzyl Alcohol	6.75	79	592422	40.484 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1028258	40.856 ng	99
17) 2-Methylphenol	6.87	107	669030	43.536 ng	99
18) Hexachloroethane	7.11	117	302064	40.439 ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	512234	39.813 ng	99
20) 3+4-Methylphenols	7.02	107	748531	42.184 ng	# 79
22) Acetophenone	7.01	105	1037253	45.910 ng	# 96
24) Nitrobenzene	7.18	77	803071	45.438 ng	99
25) Isophorone	7.43	82	1478333	44.983 ng	99
26) 2-Nitrophenol	7.50	139	450598	51.625 ng	99
27) 2,4-Dimethylphenol	7.55	122	739933	51.777 ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	928728	44.711 ng	98
29) 2,4-Dichlorophenol	7.75	162	692791	46.976 ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	754202	46.298 ng	100
31) Naphthalene	7.91	128	2191913	45.247 ng	100
32) Benzoic acid	7.70	122	567812	55.663 ng	95
33) 4-Chloroaniline	7.95	127	396725	17.919 ng	98
34) Hexachlorobutadiene	8.03	225	405178	45.387 ng	99
35) Caprolactam	8.33	113	133100	26.844 ng	97
36) 4-Chloro-3-methylphenol	8.45	107	706884	47.329 ng	97
37) 2-Methylnaphthalene	8.60	142	1529860	46.837 ng	99
38) 1-Methylnaphthalene	8.70	142	1446449	46.367 ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	644274	46.261 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	792842	96.008	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	507623	47.212	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	533960	48.224	ng	98
46) 1,1'-Biphenyl	9.06	154	1771252	44.917	ng	98
47) 2-Chloronaphthalene	9.08	162	1427966	44.642	ng	98
48) 2-Nitroaniline	9.17	65	425437	45.620	ng	98
49) Acenaphthylene	9.50	152	2218099	44.507	ng	100
50) Dimethylphthalate	9.37	163	1695856	46.770	ng	100
51) 2,6-Dinitrotoluene	9.42	165	403430	48.193	ng	100
52) Acenaphthene	9.67	154	1328821	42.610	ng	99
53) 3-Nitroaniline	9.58	138	263121	25.757	ng	94
54) 2,4-Dinitrophenol	9.70	184	457561	103.816	ng	96
55) Dibenzofuran	9.84	168	1951125	43.591	ng	99
56) 4-Nitrophenol	9.76	139	719856	87.897	ng	93
57) 2,4-Dinitrotoluene	9.82	165	527283	48.782	ng	98
58) Fluorene	10.18	166	1334084	44.727	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	470628	50.690	ng	97
60) Diethylphthalate	10.07	149	1658879	45.513	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	659796	46.873	ng	96
62) 4-Nitroaniline	10.20	138	440078	42.942	ng	97
63) Azobenzene	10.33	77	1501182	44.096	ng	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	274780	53.282	ng	93
66) n-Nitrosodiphenylamine	10.30	169	1384936	46.388	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	483228	46.510	ng	93
68) Hexachlorobenzene	10.72	284	531017	47.087	ng	99
69) Atrazine	10.82	200	459009	47.794	ng	99
70) Pentachlorophenol	10.92	266	635103	88.398	ng	98
71) Phenanthrene	11.13	178	2214313	42.917	ng	100
72) Anthracene	11.18	178	2277241	43.724	ng	99
73) Carbazole	11.34	167	2067649	44.458	ng	99
74) Di-n-butylphthalate	11.68	149	2479704	46.141	ng	98
75) Fluoranthene	12.31	202	2332850	45.316	ng	99
77) Benzidine	12.42	184	790188	28.044	ng	99
78) Pyrene	12.53	202	2358702	48.368	ng	98
80) Butylbenzylphthalate	13.17	149	1150940	53.480	ng	95
81) Benzo(a)anthracene	13.71	228	2171159	47.685	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	572240	34.803	ng	99
83) Chrysene	13.75	228	2068454	49.594	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1493363	52.958	ng	100
85) Di-n-octyl phthalate	14.34	149	2603534	54.951	ng	100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2642123	53.536	ng	99
88) Benzo(b)fluoranthene	14.72	252	2348656	46.635	ng	98
89) Benzo(k)fluoranthene	14.75	252	2042794	45.231	ng	99
90) Benzo(a)pyrene	15.04	252	2183006	48.092	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	2138695	50.469	ng	99
92) Benzo(g,h,i)perylene	16.76	276	2264873	52.807	ng	98

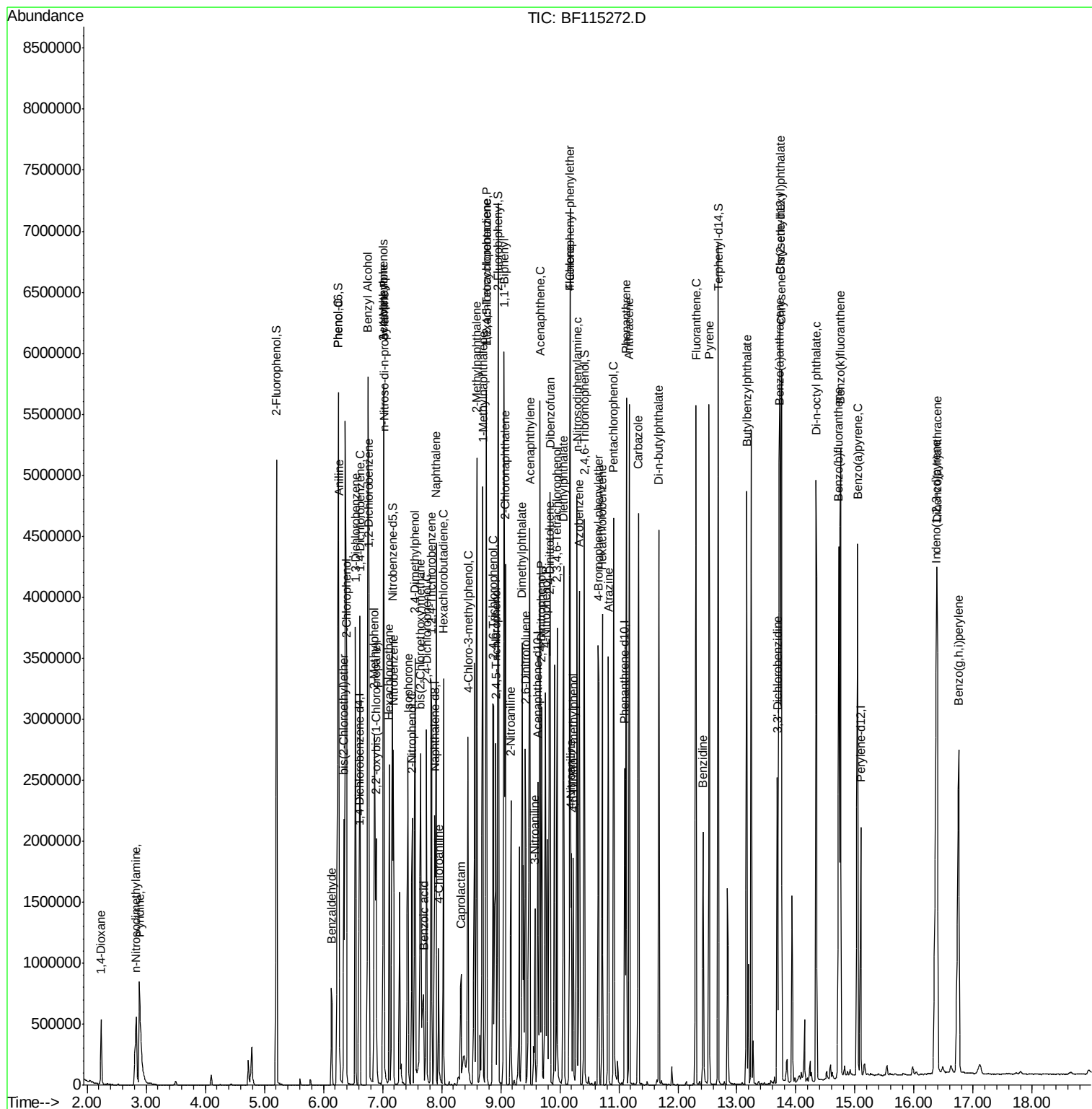
(#) = qualifier out of range (m) = manual integration (+) = signals summed

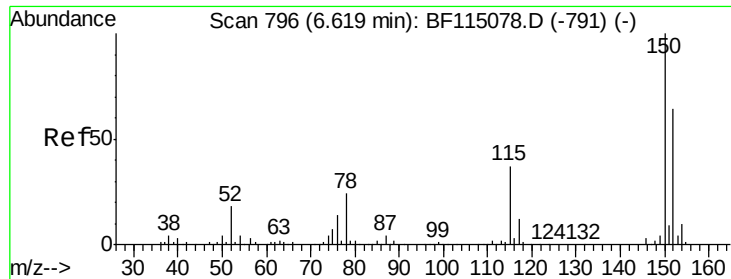
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.60 min Scan# 793

Delta R.T. 0.00 min

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Instrument :

BNA_F

ClientSampleId :

PB120961BS

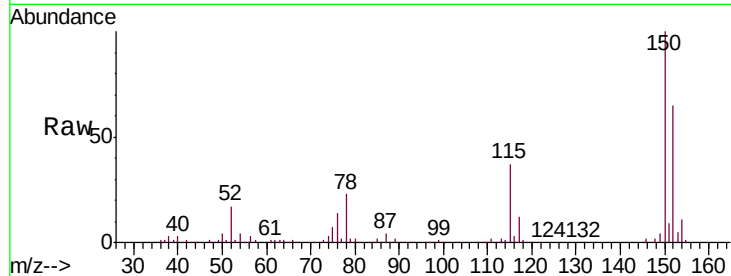
Tgt Ion:152 Resp: 255505

Ion Ratio Lower Upper

152 100

150 154.0 124.2 186.2

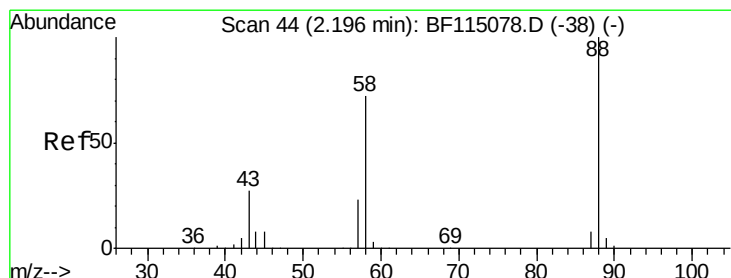
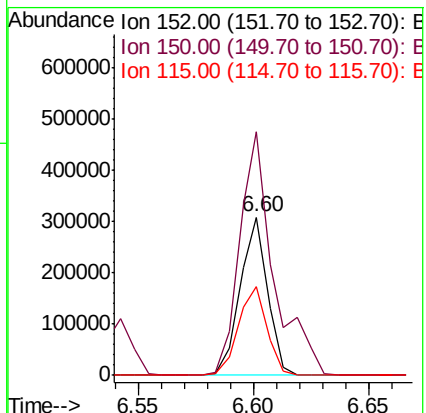
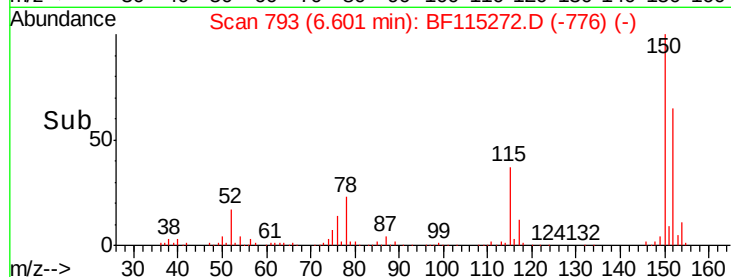
115 56.5 46.1 69.1



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



#2

1,4-Dioxane

Concen: 33.178 ng

RT: 2.24 min Scan# 51

Delta R.T. 0.08 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

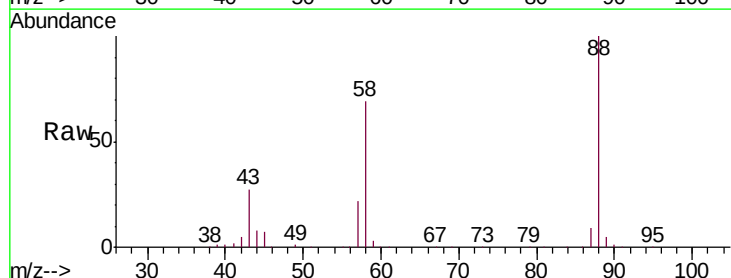
Tgt Ion: 88 Resp: 259257

Ion Ratio Lower Upper

88 100

58 68.6 56.1 84.1

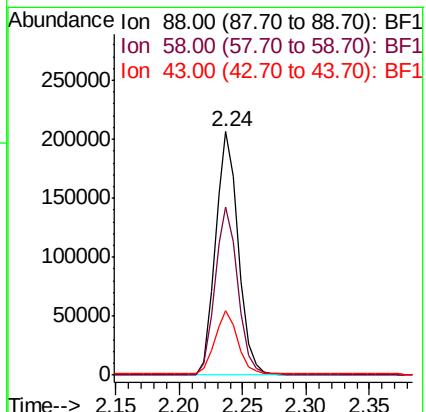
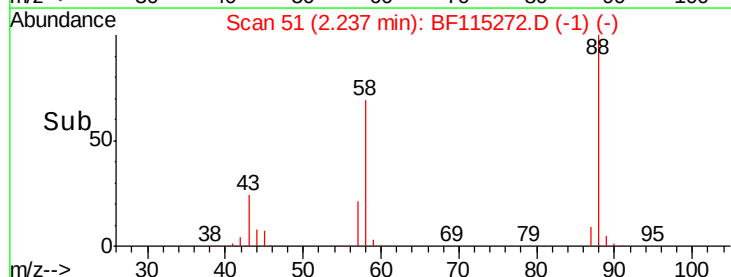
43 26.0 21.3 31.9

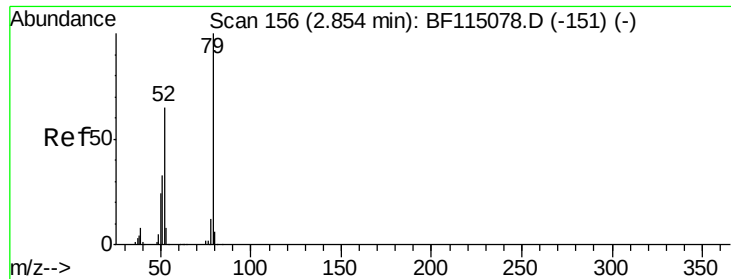


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.110 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.08 min

Lab File: BF115272.D

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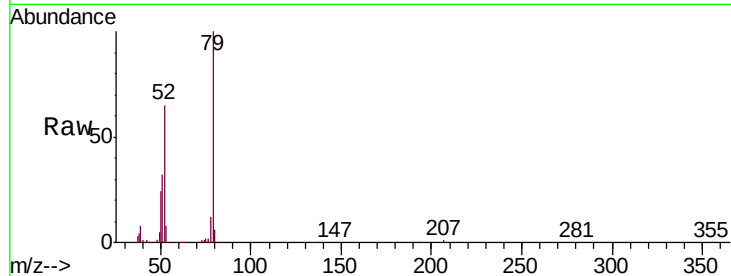
Tgt Ion: 79 Resp: 751235

Ion Ratio Lower Upper

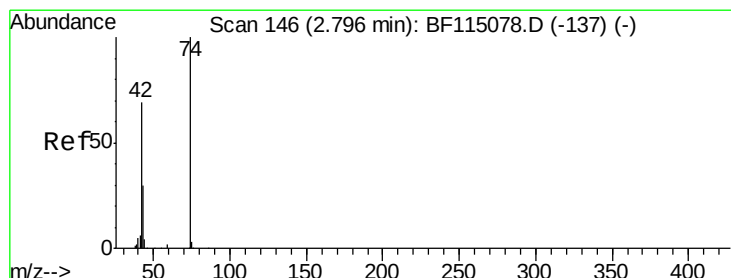
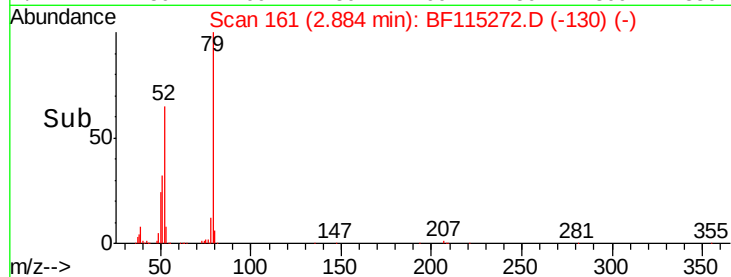
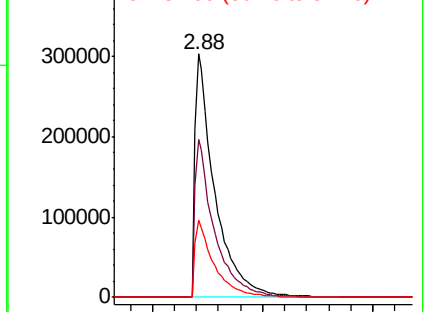
79 100

52 64.7 52.3 78.5

51 31.5 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: 37.395 ng

RT: 2.83 min Scan# 152

Delta R.T. 0.08 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

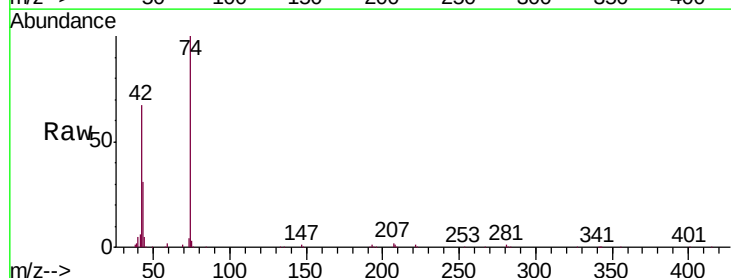
Tgt Ion: 42 Resp: 322868

Ion Ratio Lower Upper

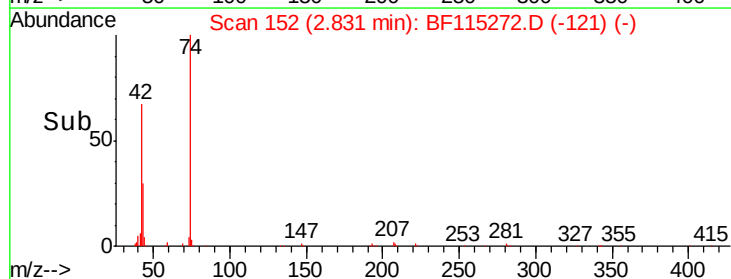
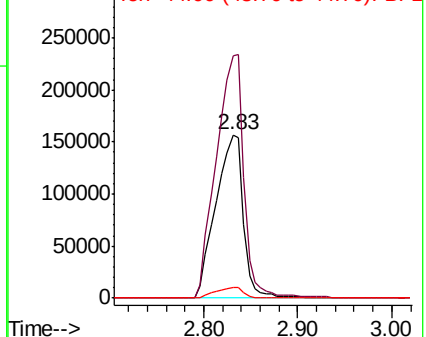
42 100

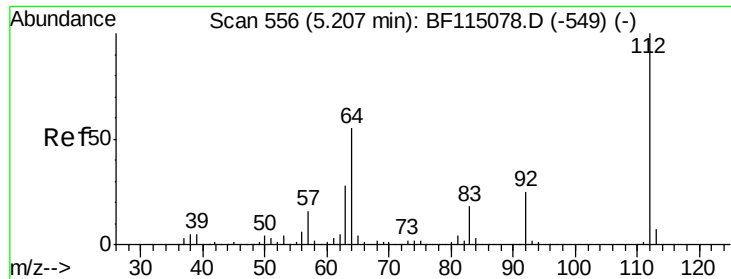
74 148.8 116.6 175.0

44 6.8 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: 116.303 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115272.D

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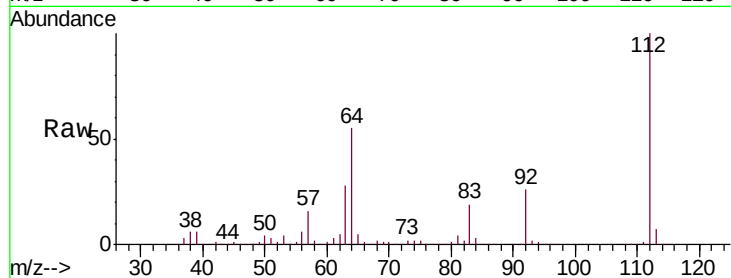
Tgt Ion: 112 Resp: 1925640

Ion Ratio Lower Upper

112 100

64 55.4 43.8 65.6

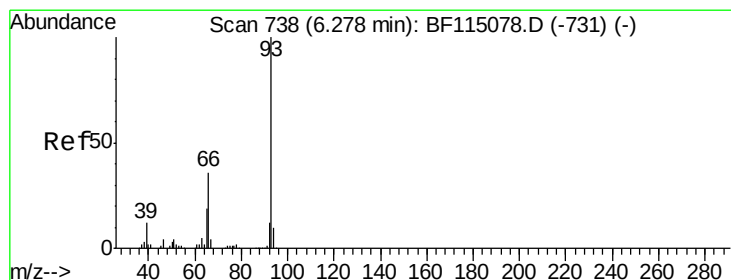
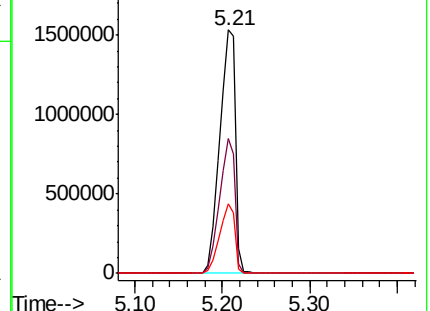
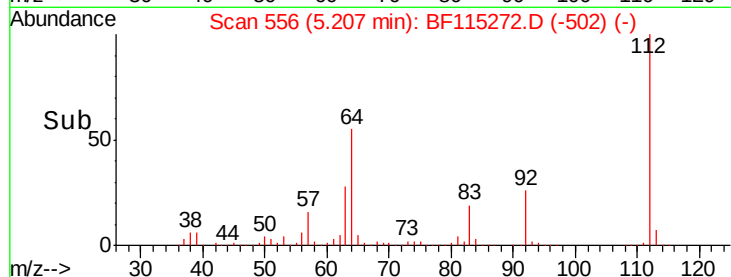
63 28.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.691 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

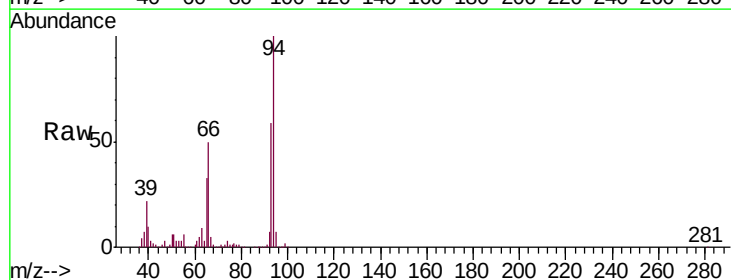
Tgt Ion: 93 Resp: 681959

Ion Ratio Lower Upper

93 100

66 83.9 30.0 45.0#

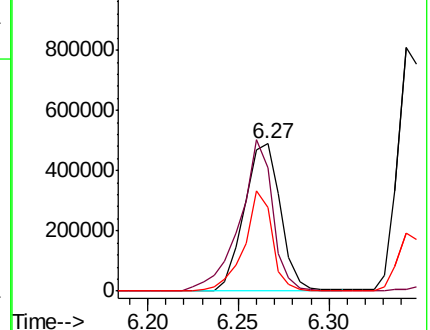
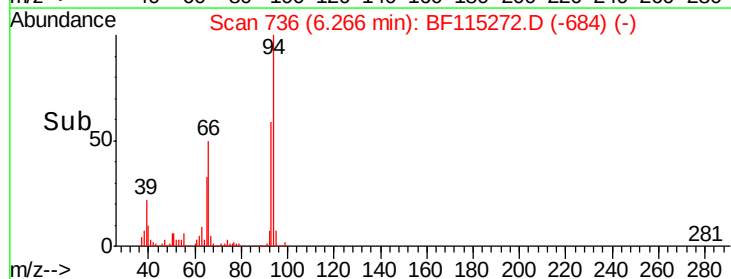
65 56.4 15.6 23.4#

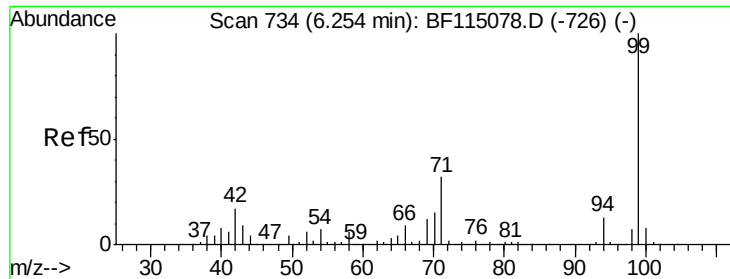


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.161 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

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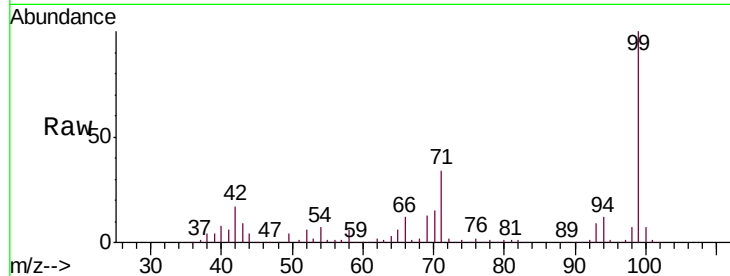
Tgt Ion: 99 Resp: 2354500

Ion Ratio Lower Upper

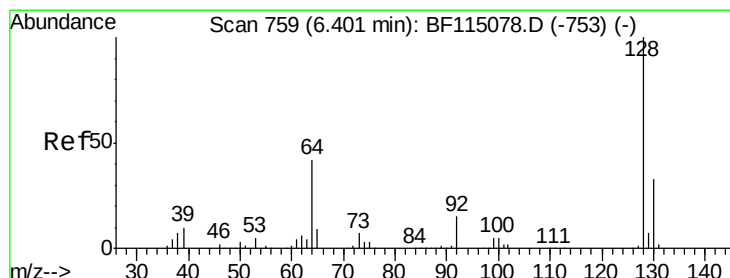
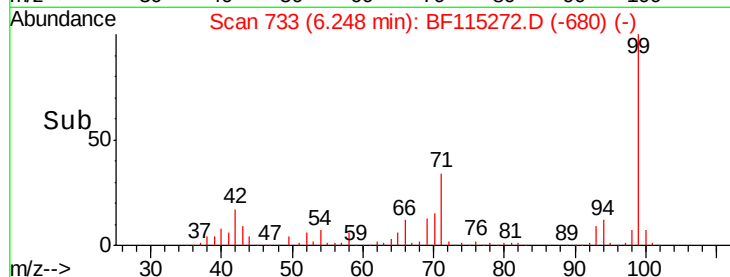
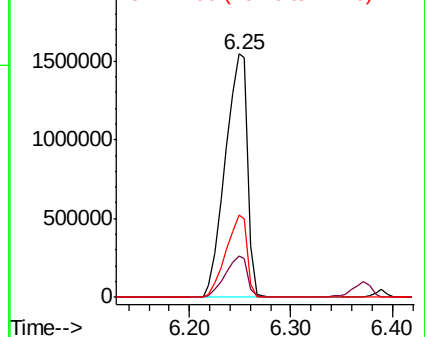
99 100

42 17.0 13.6 20.4

71 33.7 25.5 38.3



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



#8

2-Chlorophenol

Concen: 42.110 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

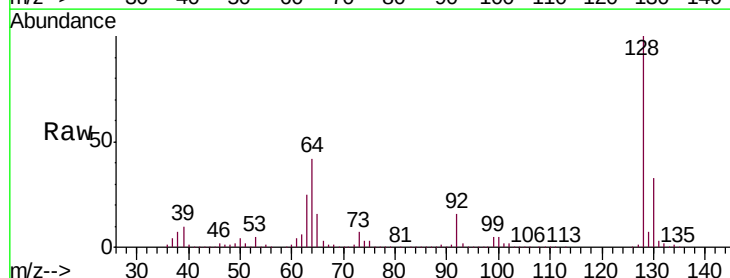
Tgt Ion: 128 Resp: 783988

Ion Ratio Lower Upper

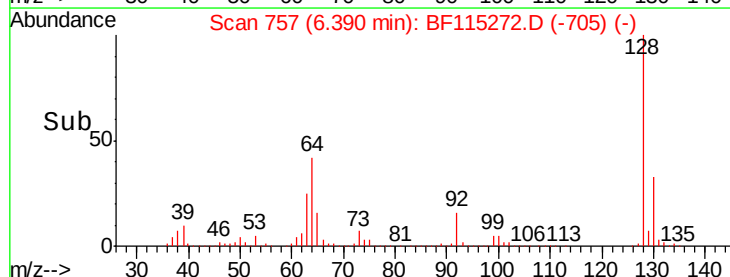
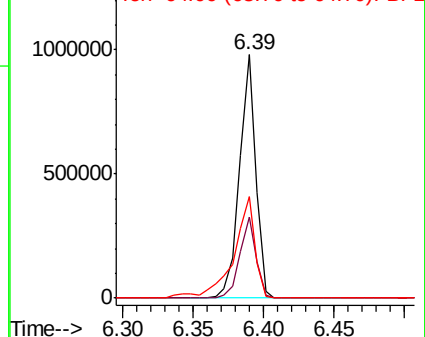
128 100

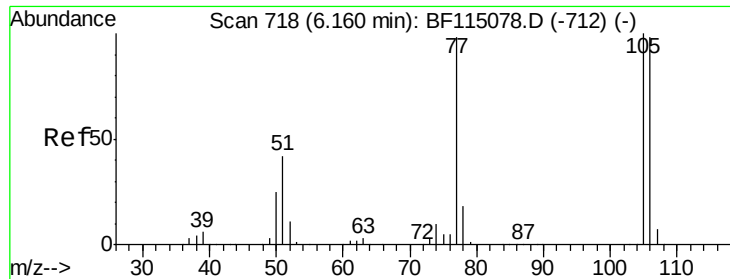
130 33.4 12.9 52.9

64 41.8 22.9 62.9



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





#9

Benzaldehyde

Concen: 11.843 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

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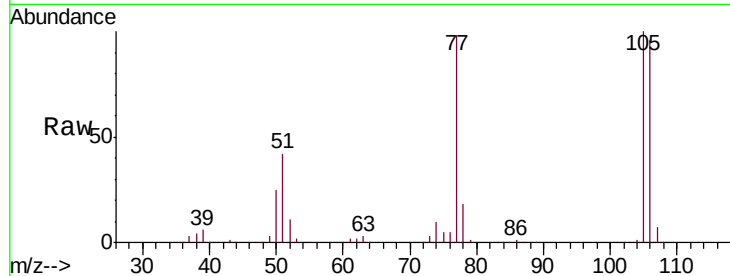
Tgt Ion: 77 Resp: 155276

Ion Ratio Lower Upper

77 100

105 102.2 81.5 121.5

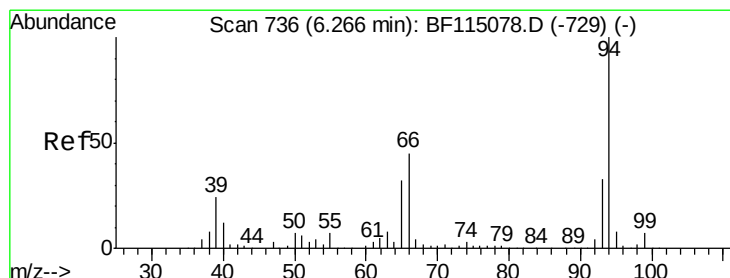
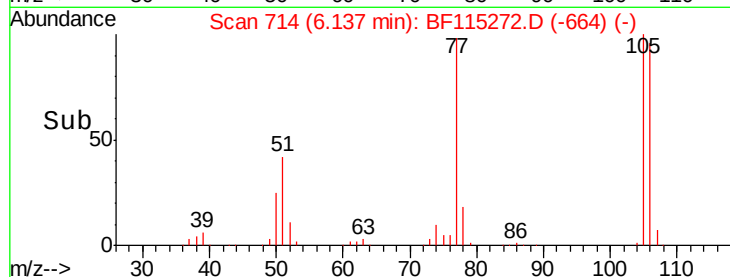
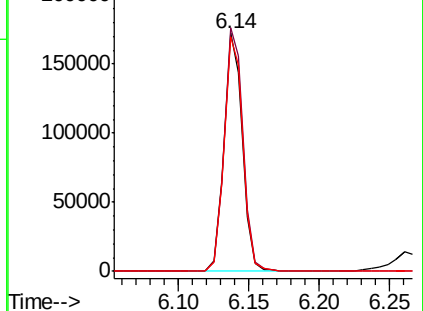
106 98.5 79.7 119.7



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: 38.152 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

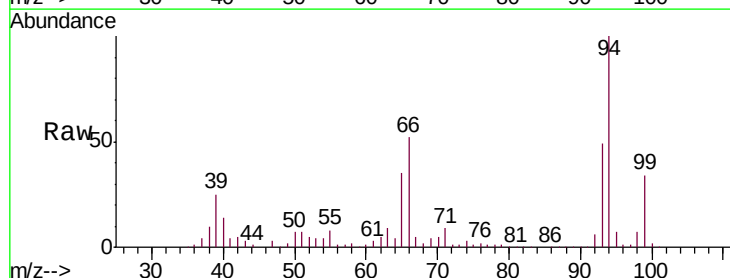
Tgt Ion: 94 Resp: 898114

Ion Ratio Lower Upper

94 100

65 34.7 11.9 51.9

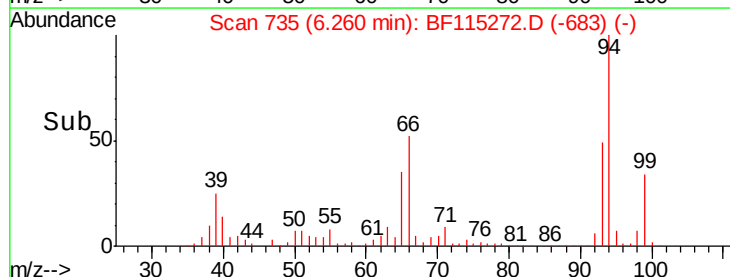
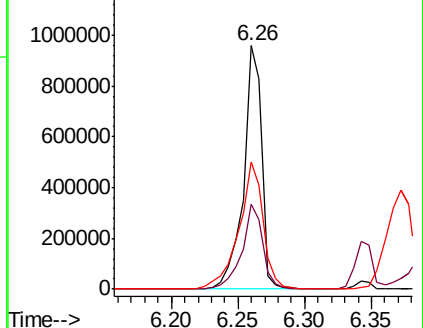
66 52.3 25.2 65.2

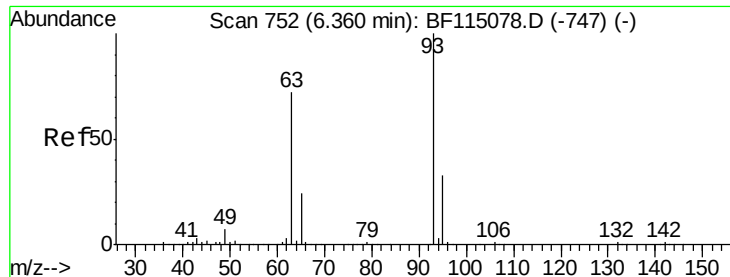


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.842 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

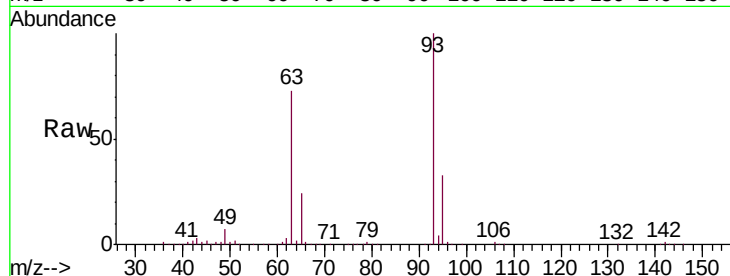
Tgt Ion: 93 Resp: 726058

Ion Ratio Lower Upper

93 100

63 72.9 51.5 91.5

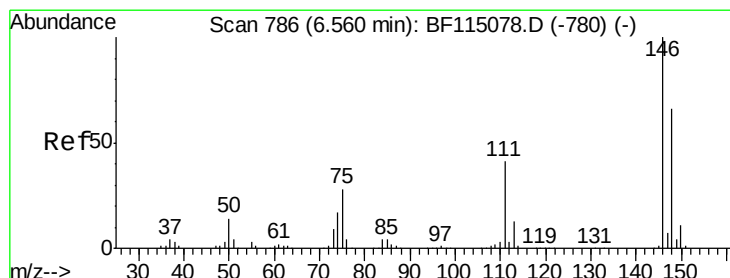
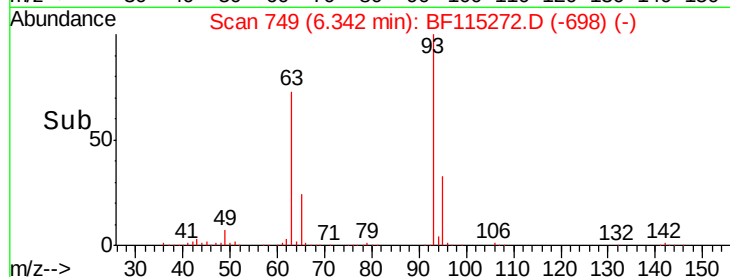
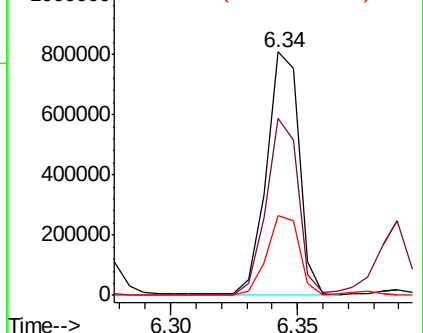
95 32.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.895 ng

RT: 6.54 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

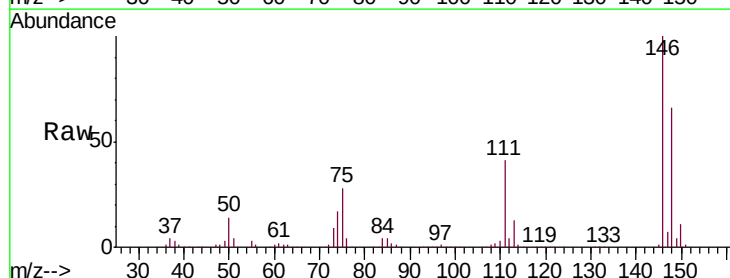
Tgt Ion: 146 Resp: 844976

Ion Ratio Lower Upper

146 100

148 66.0 52.6 78.8

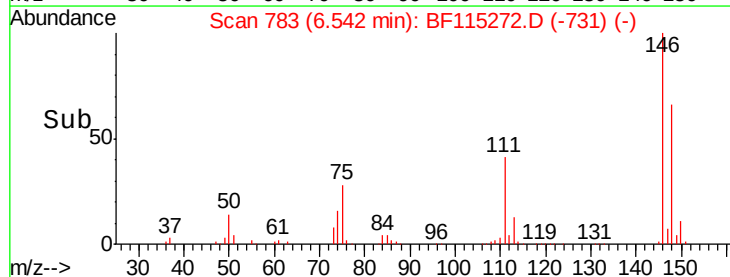
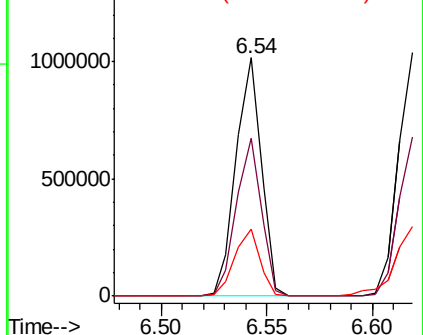
75 27.9 22.6 34.0

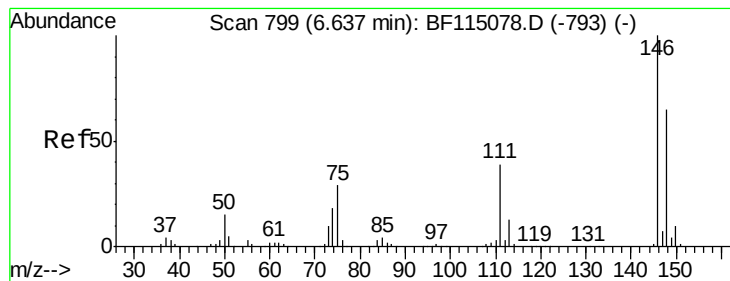


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.093 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

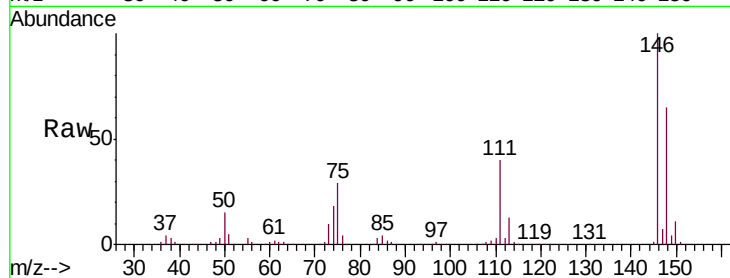
Tgt Ion:146 Resp: 851427

Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

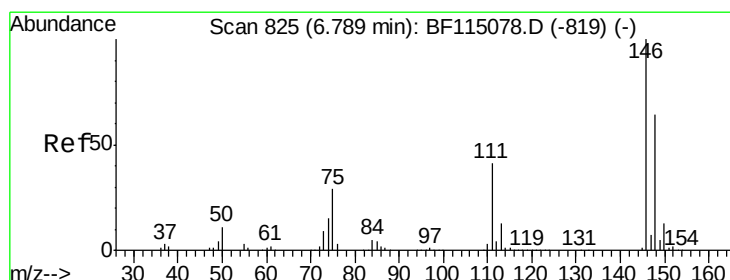
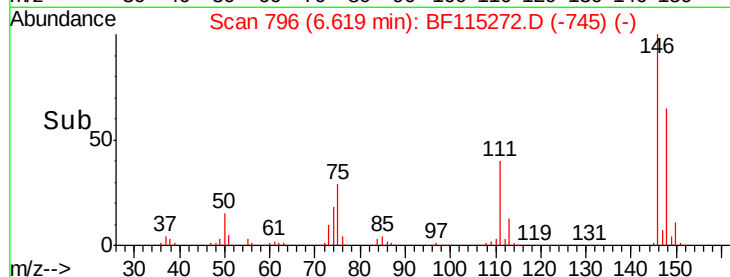
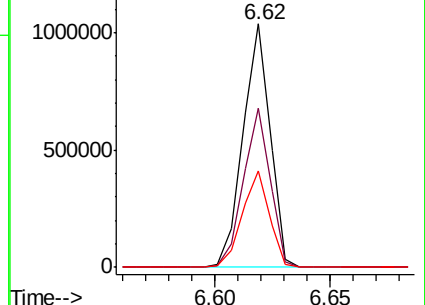
111 39.7 31.4 47.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.783 ng

RT: 6.77 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

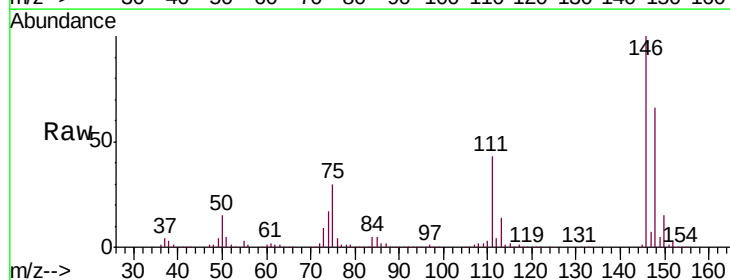
Tgt Ion:146 Resp: 782516

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

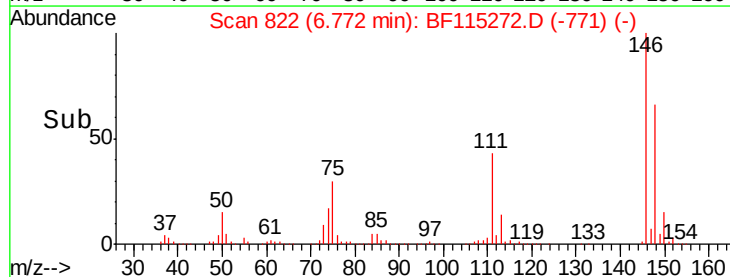
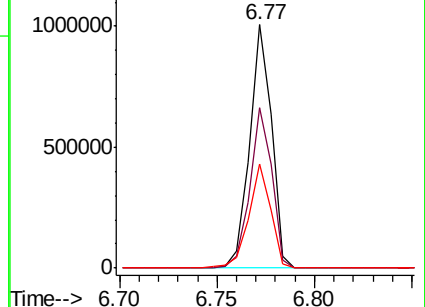
111 42.7 33.2 49.8

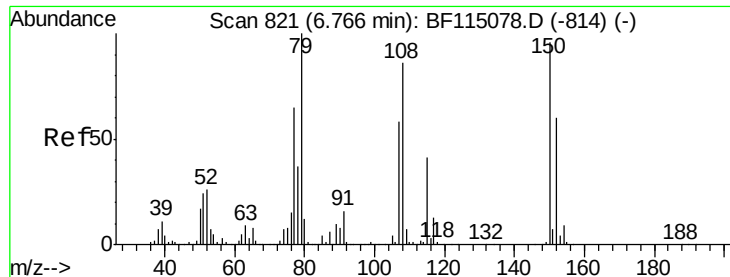


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.484 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

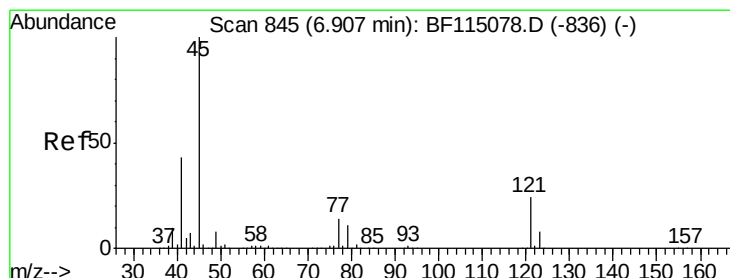
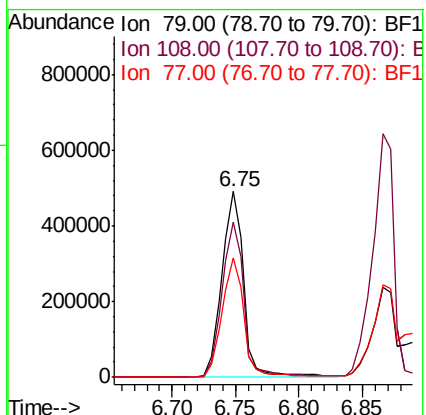
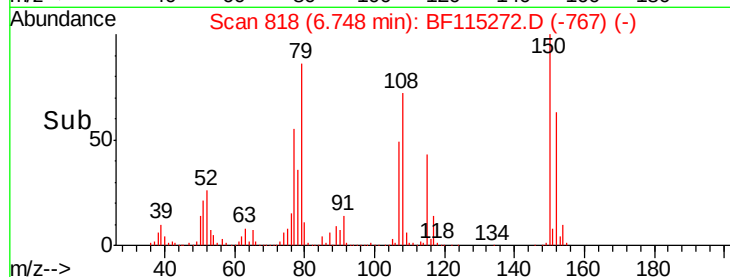
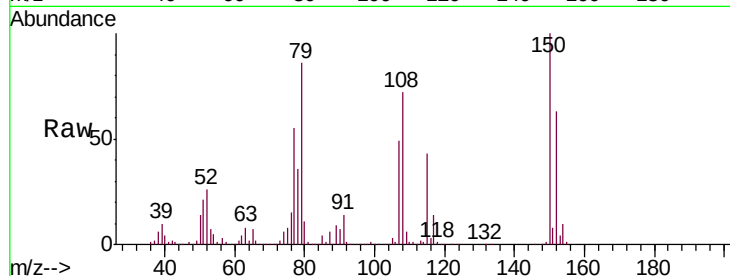
Tgt Ion: 79 Resp: 592422

Ion Ratio Lower Upper

79 100

108 83.9 68.7 103.1

77 64.6 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.856 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

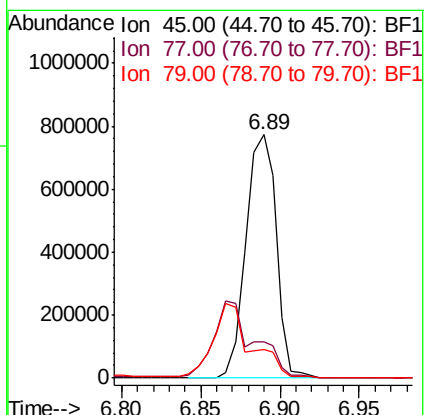
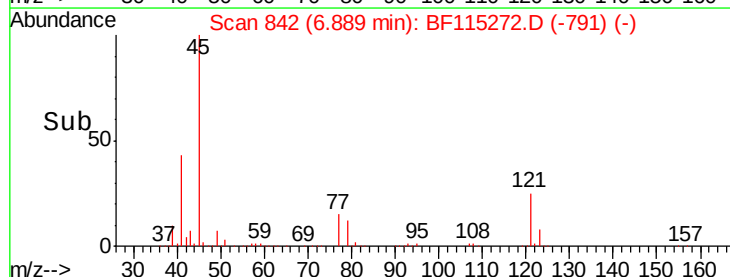
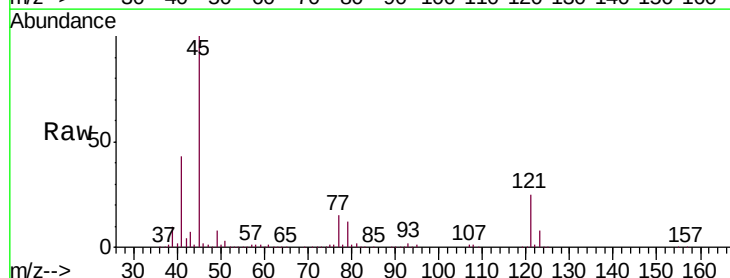
Tgt Ion: 45 Resp: 1028258

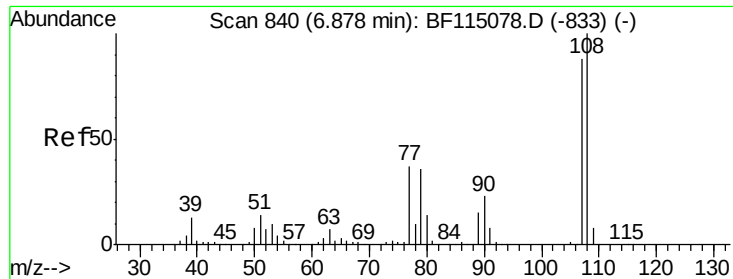
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.6

79 11.8 0.0 31.2

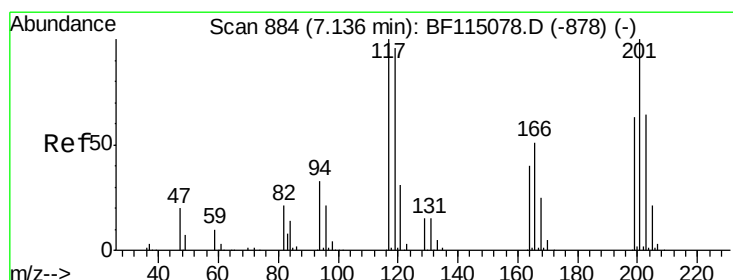
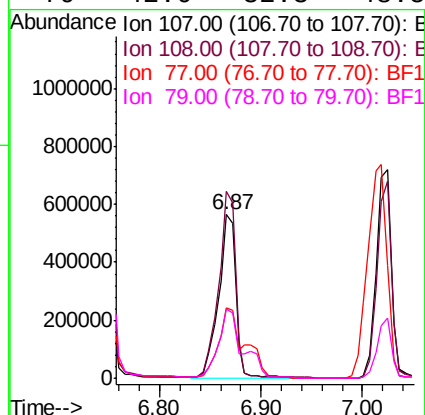
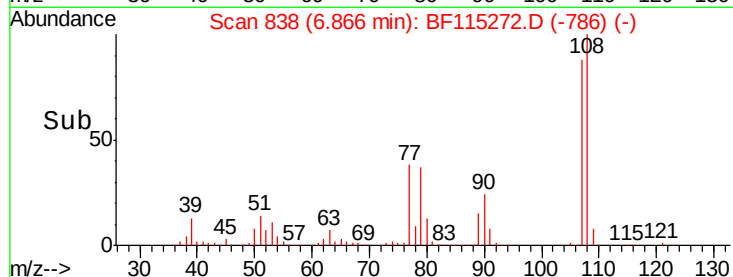
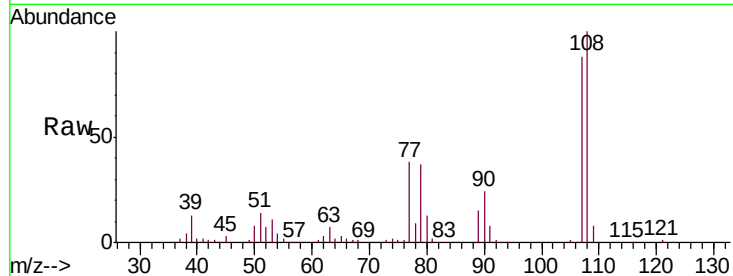




#17
2-Methylphenol
Concen: 43.536 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

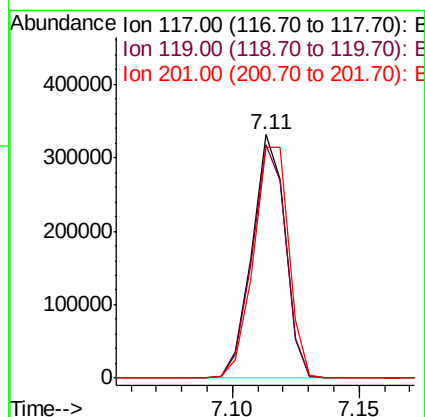
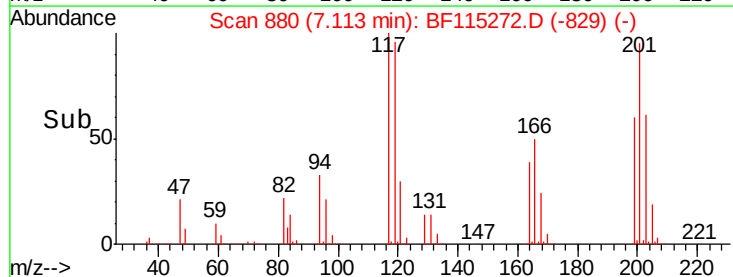
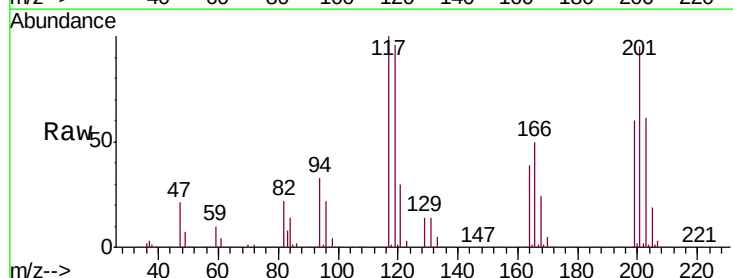
Instrument :
BNA_F
ClientSampleId :
PB120961BS

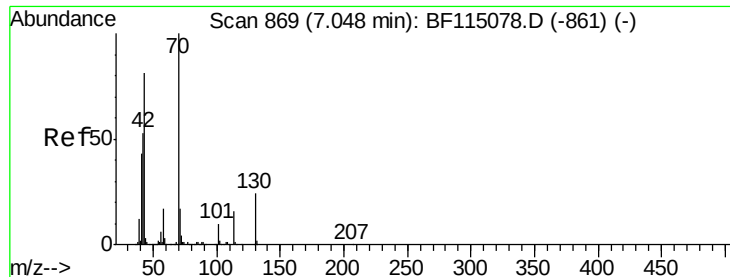
Tgt Ion:107 Resp: 669030
Ion Ratio Lower Upper
107 100
108 114.2 90.9 136.3
77 43.3 33.4 50.2
79 42.0 32.3 48.5



#18
Hexachloroethane
Concen: 40.439 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:117 Resp: 302064
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 95.0 80.2 120.2

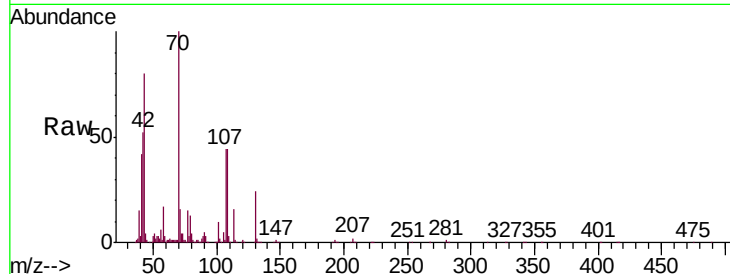




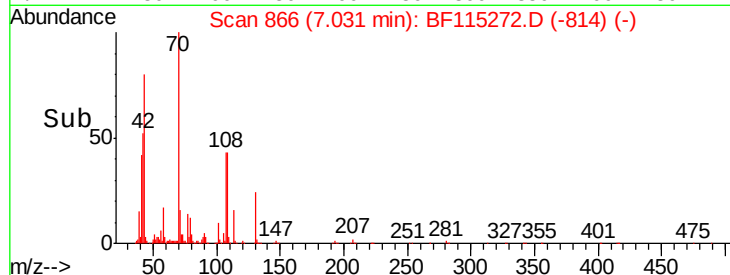
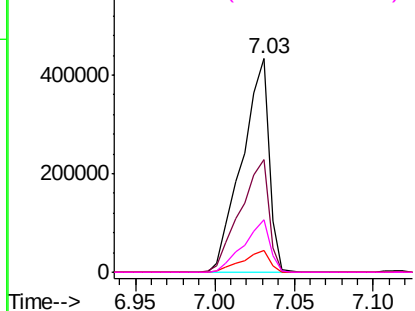
#19
n-Nitroso-di-n-propylamine
Concen: 39.813 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Tgt Ion:	70	Resp:	512234
Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.6	63.8
101	10.1	8.0	12.0
130	24.3	19.4	29.0



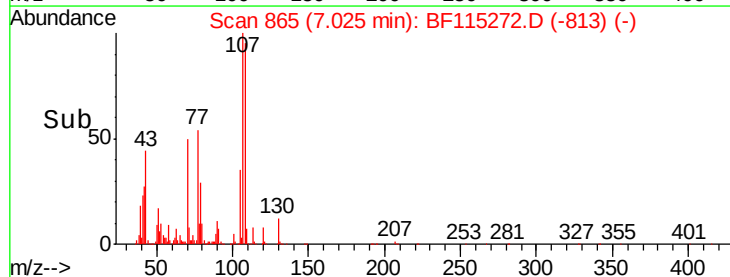
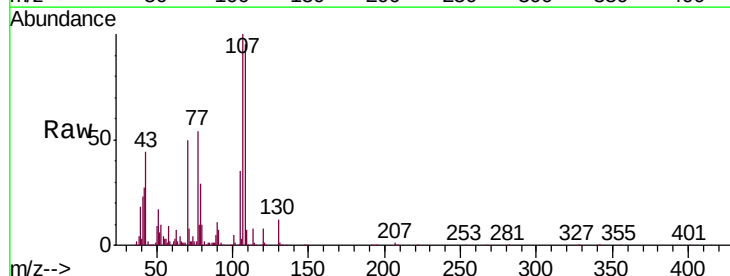
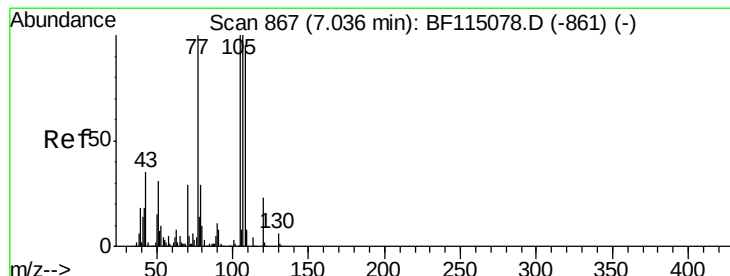
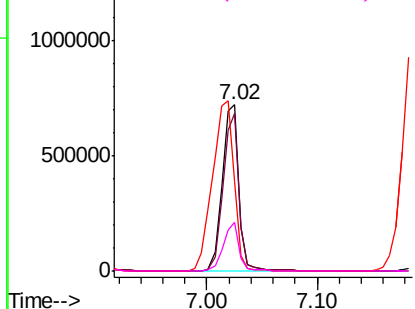
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

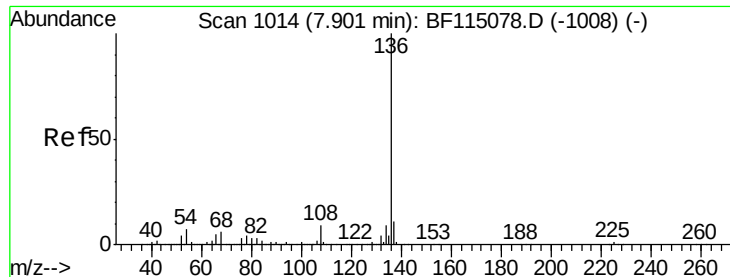


#20
3+4-Methylphenols
Concen: 42.184 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:	107	Resp:	748531
Ion	Ratio	Lower	Upper
107	100		
108	94.6	75.5	115.5
77	53.7	80.2	120.2#
79	29.1	9.5	49.5

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

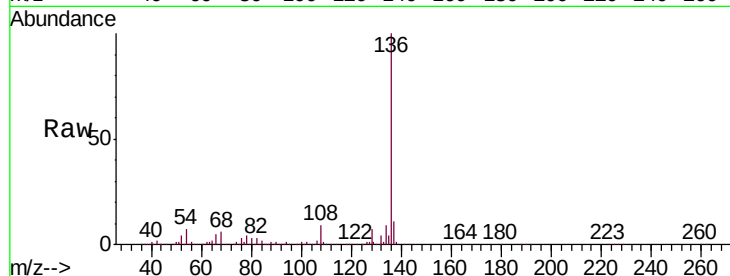




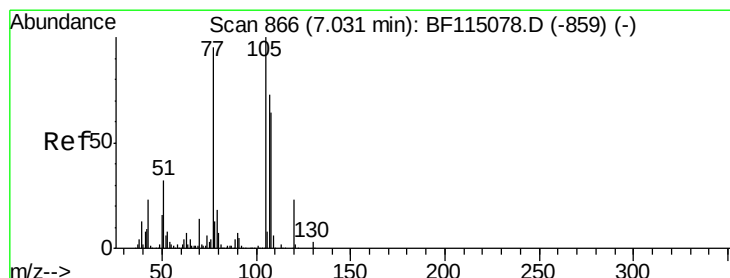
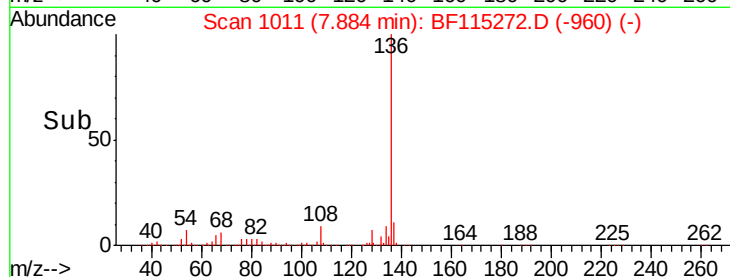
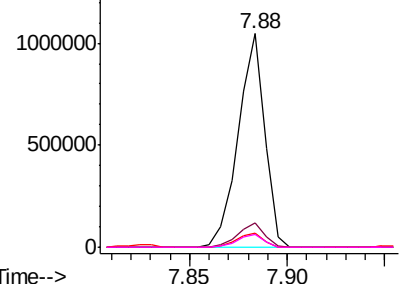
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Tgt Ion:	136	Resp:	986882
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	5.6	8.4
68	6.1	4.8	7.2

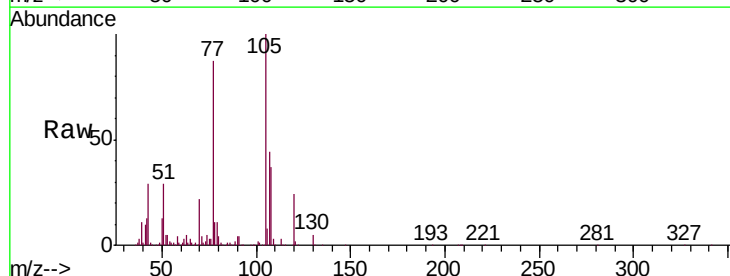


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

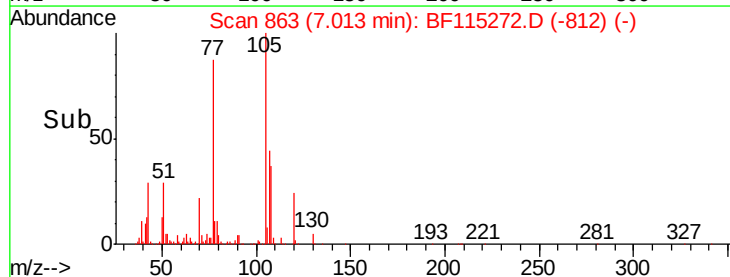
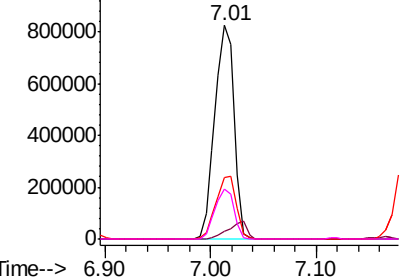


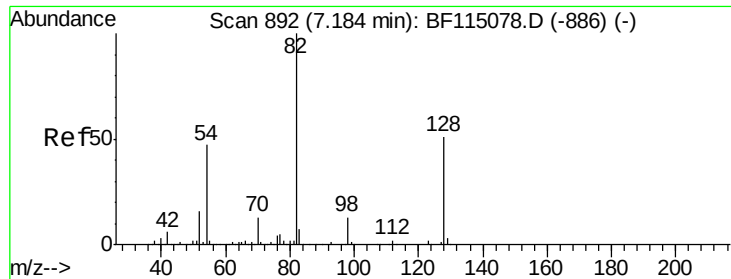
#22
Acetophenone
Concen: 45.910 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:	105	Resp:	1037253
Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.9	2.9#
51	29.0	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

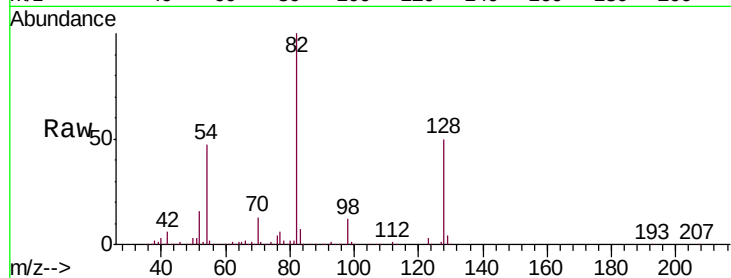




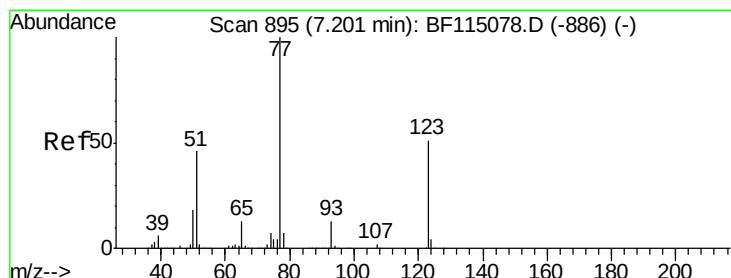
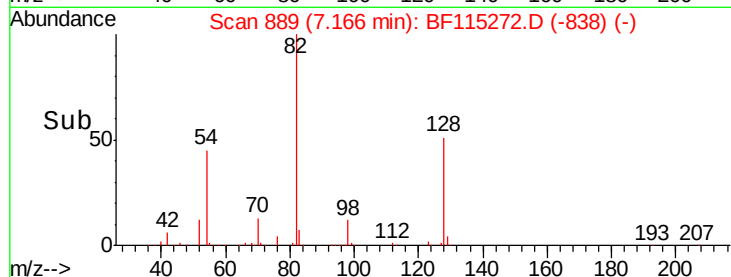
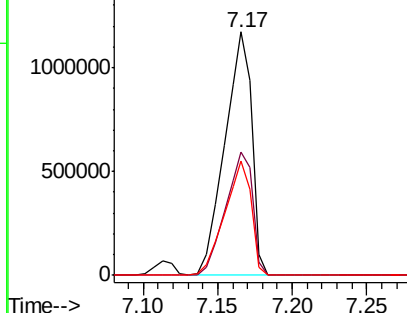
#23
 Nitrobenzene-d5
 Concen: 92.725 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

Tgt Ion: 82 Resp: 1487573
 Ion Ratio Lower Upper
 82 100
 128 50.5 40.4 60.6
 54 47.0 37.5 56.3

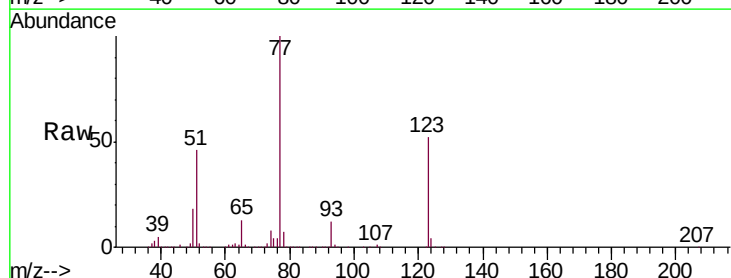


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

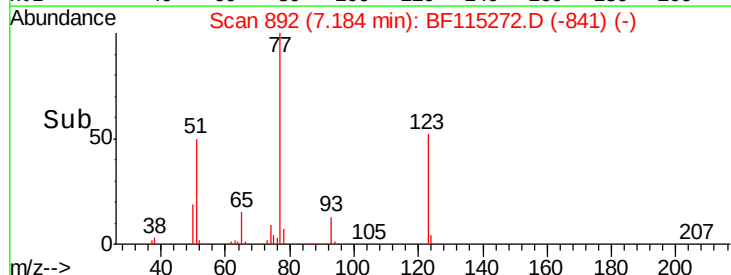
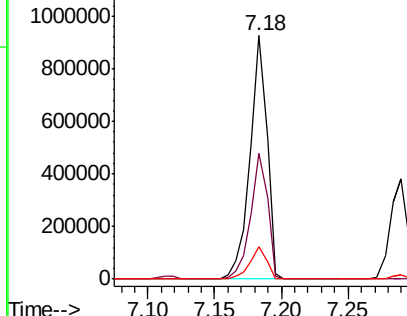


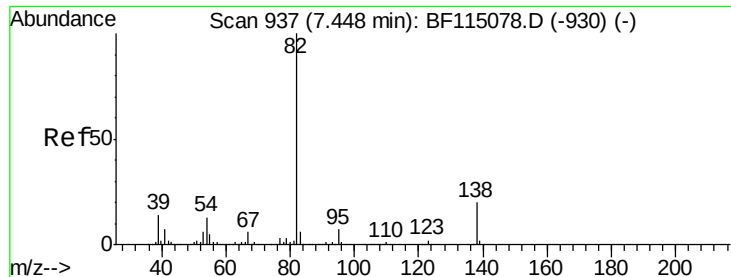
#24
 Nitrobenzene
 Concen: 45.438 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion: 77 Resp: 803071
 Ion Ratio Lower Upper
 77 100
 123 51.7 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: 44.983 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

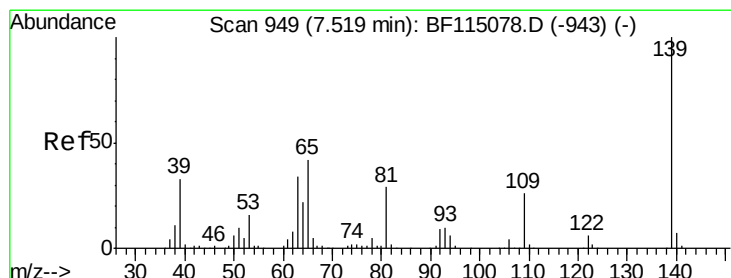
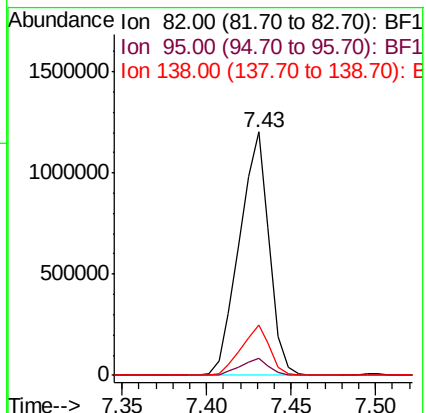
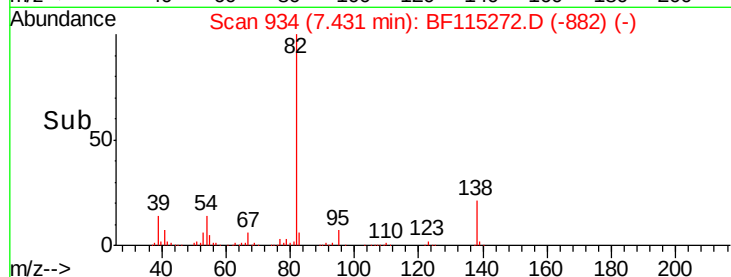
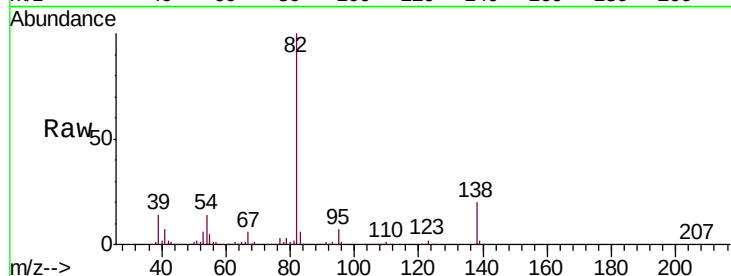
Tgt Ion: 82 Resp: 1478333

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 20.5 15.9 23.9



#26

2-Nitrophenol

Concen: 51.625 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

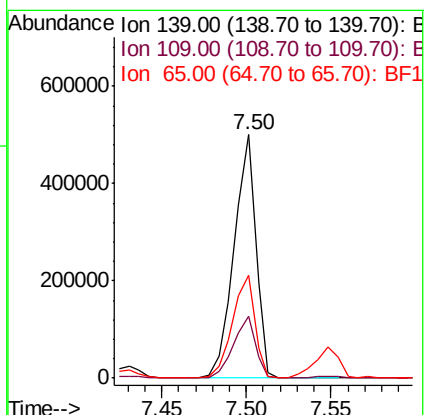
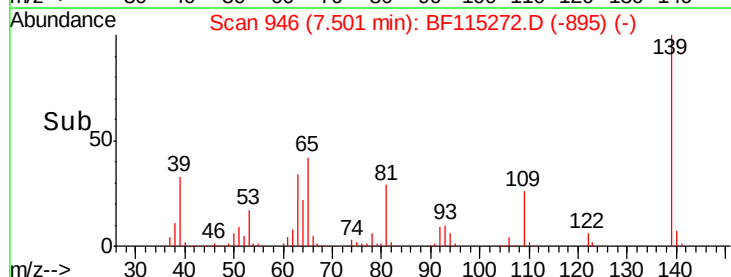
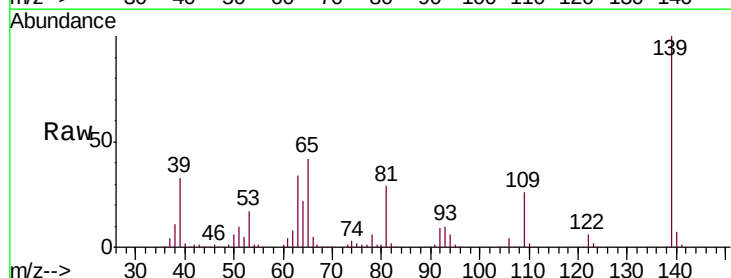
Tgt Ion: 139 Resp: 450598

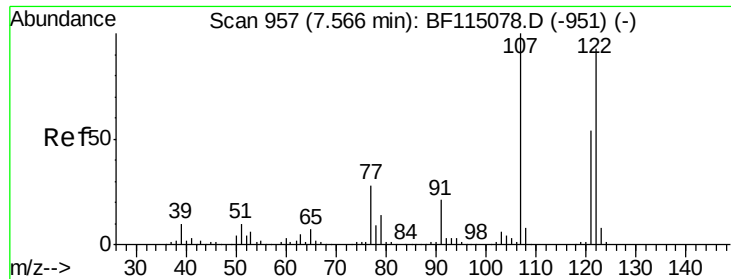
Ion Ratio Lower Upper

139 100

109 25.6 20.4 30.6

65 42.4 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 51.777 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

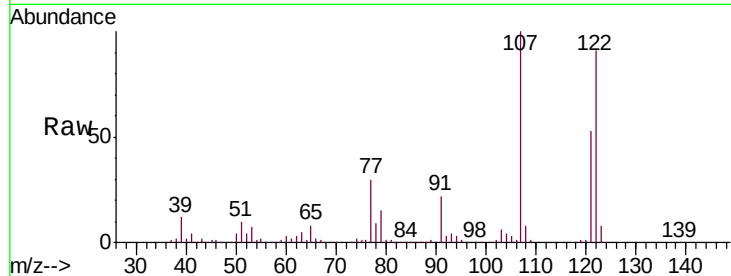
Tgt Ion:122 Resp: 739933

Ion Ratio Lower Upper

122 100

107 109.4 85.8 128.6

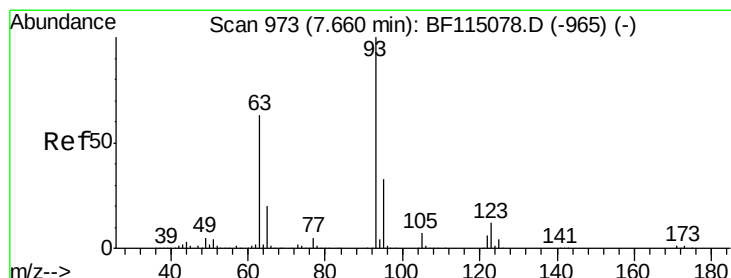
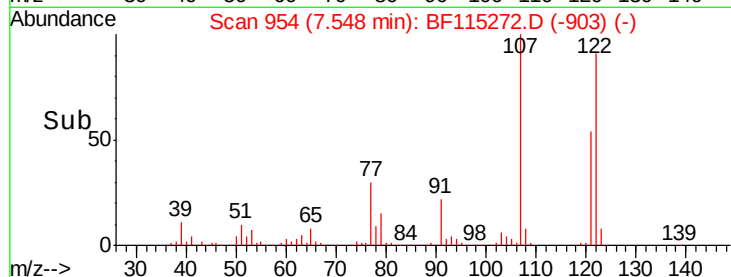
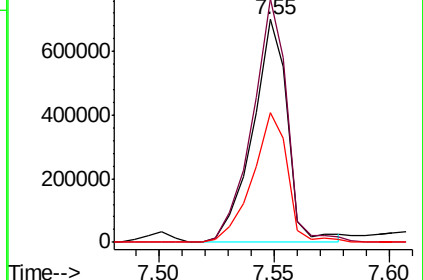
121 58.5 46.3 69.5



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: 44.711 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

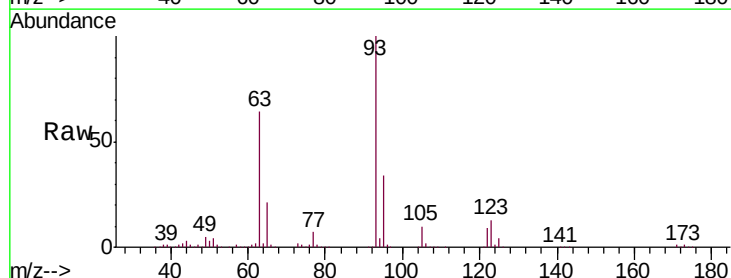
Tgt Ion: 93 Resp: 928728

Ion Ratio Lower Upper

93 100

95 33.7 26.2 39.4

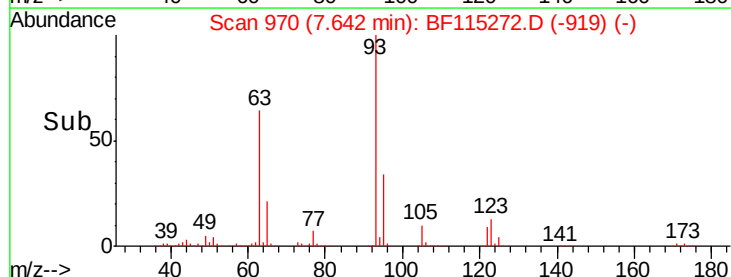
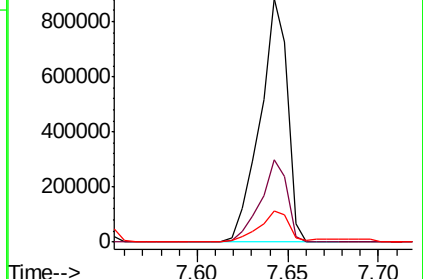
123 12.7 9.7 14.5

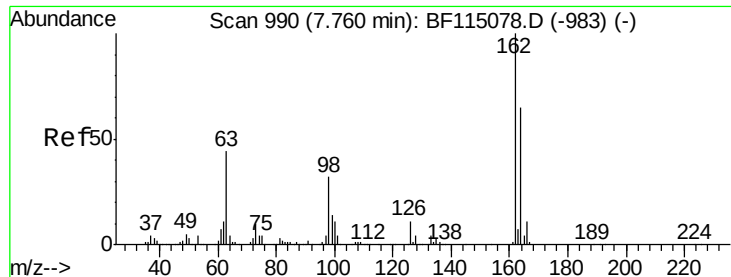


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

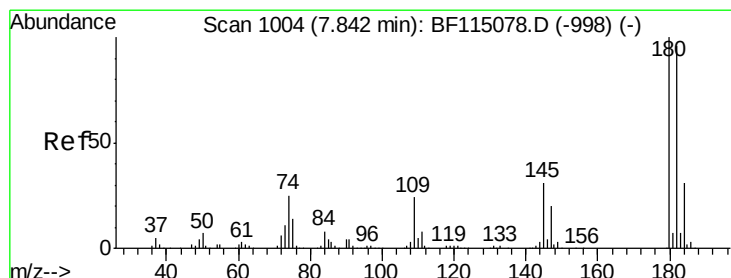
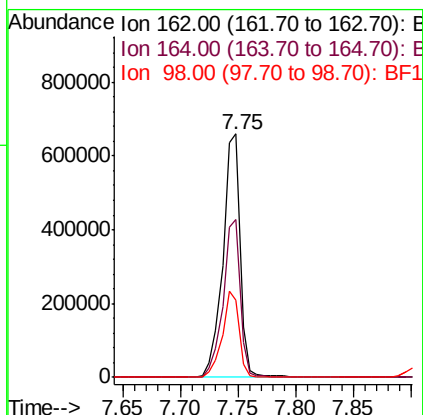
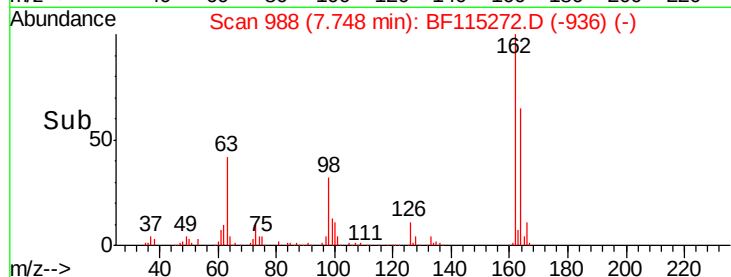
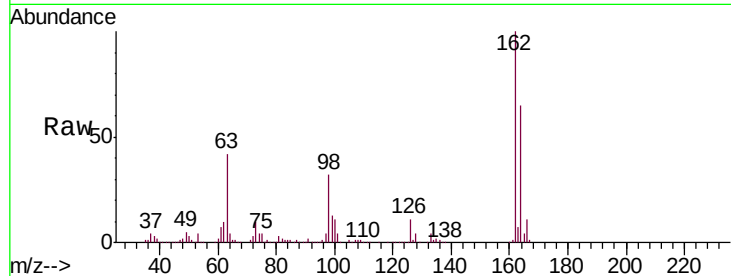




#29
 2,4-Dichlorophenol
 Concen: 46.976 ng
 RT: 7.75 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

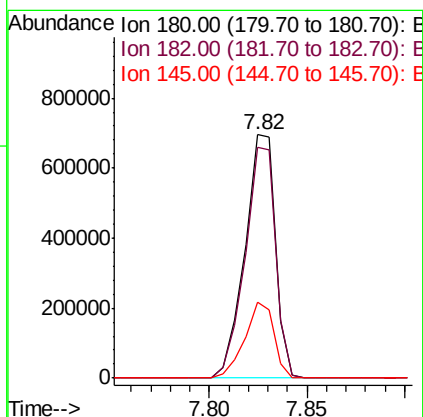
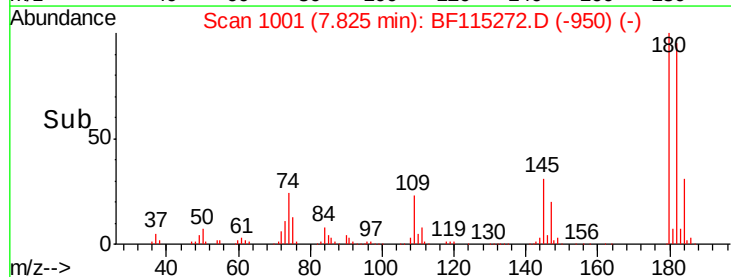
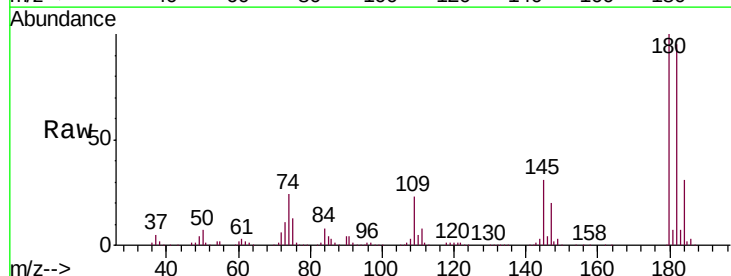
Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

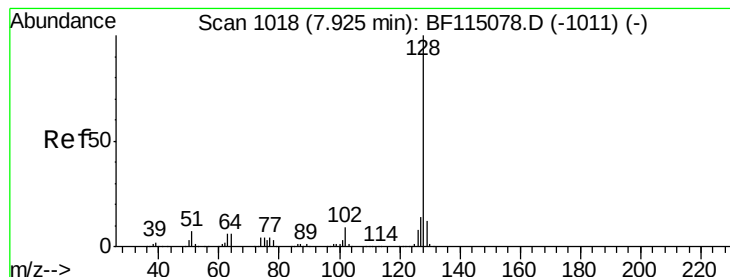
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.3	85.3
98	31.6	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.298 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	31.2	24.8	37.2





#31

Naphthalene

Concen: 45.247 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

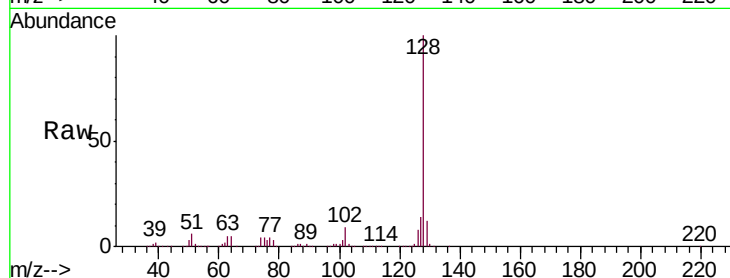
Tgt Ion:128 Resp: 2191913

Ion Ratio Lower Upper

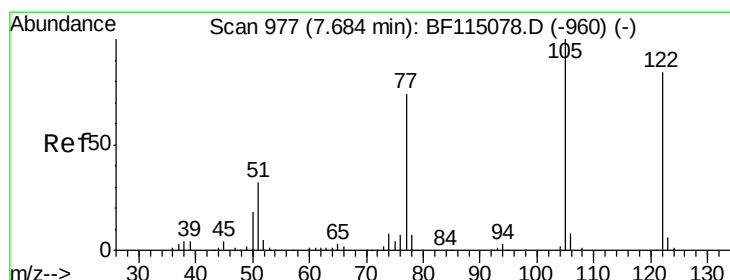
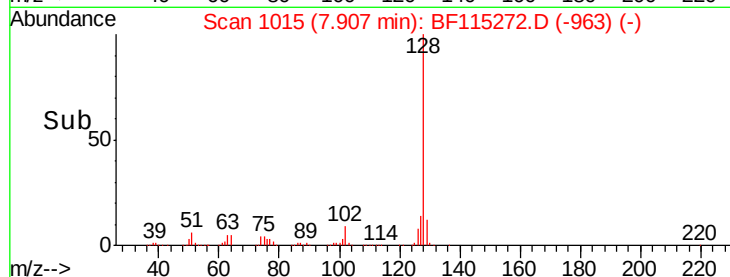
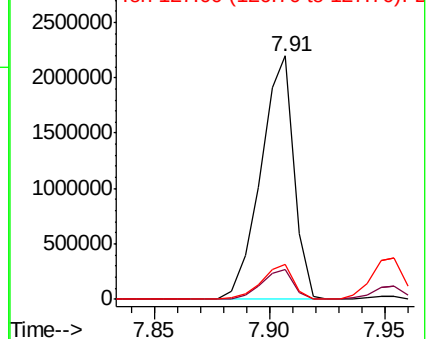
128 100

129 12.1 9.6 14.4

127 14.3 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: 55.663 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.03 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

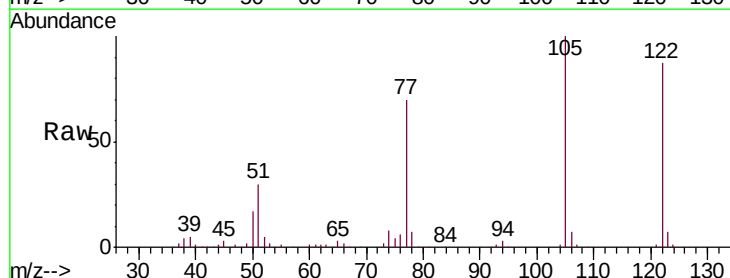
Tgt Ion:122 Resp: 567812

Ion Ratio Lower Upper

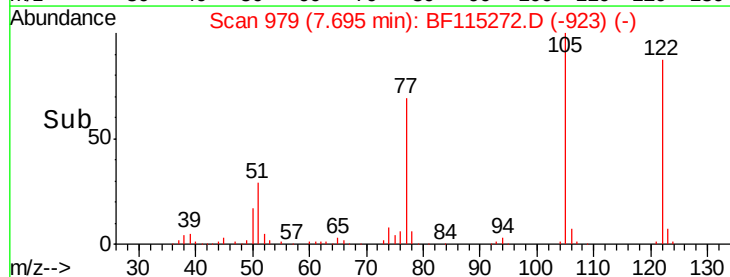
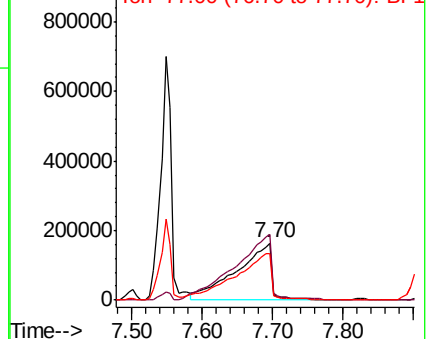
122 100

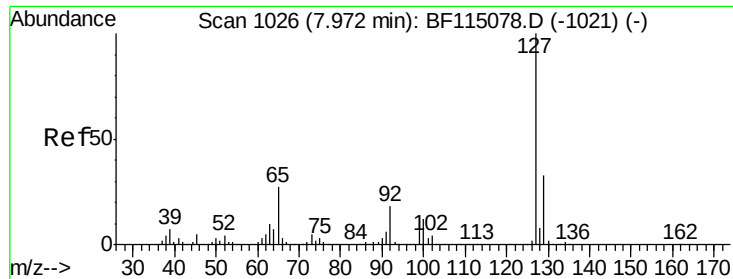
105 114.6 98.2 138.2

77 80.6 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

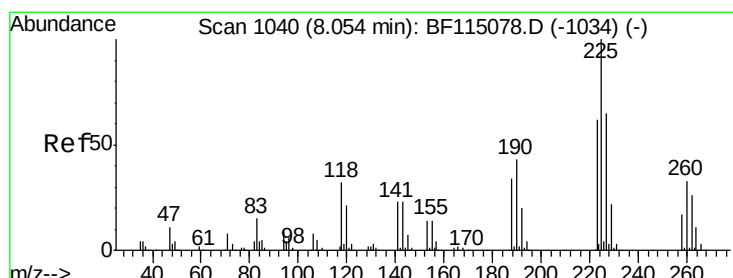
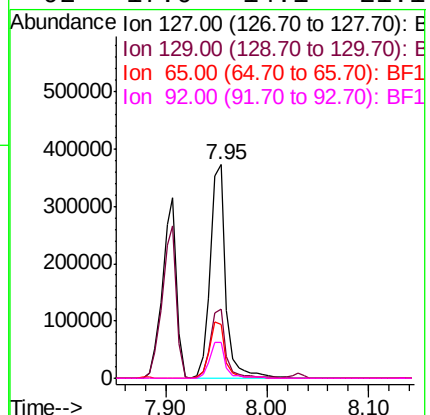
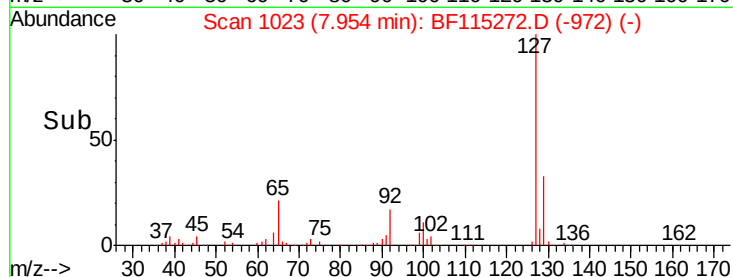
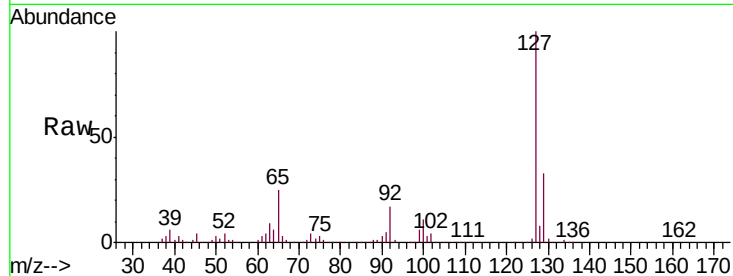




#33
4-Chloroaniline
Concen: 17.919 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

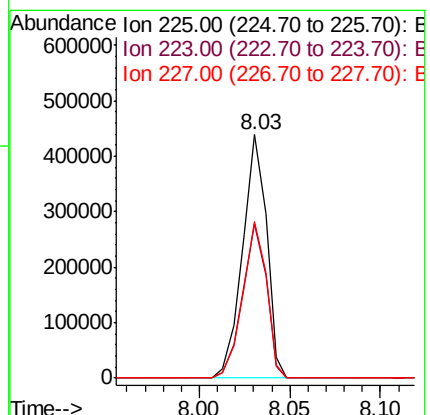
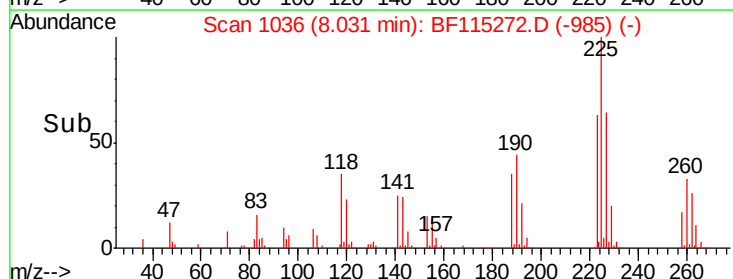
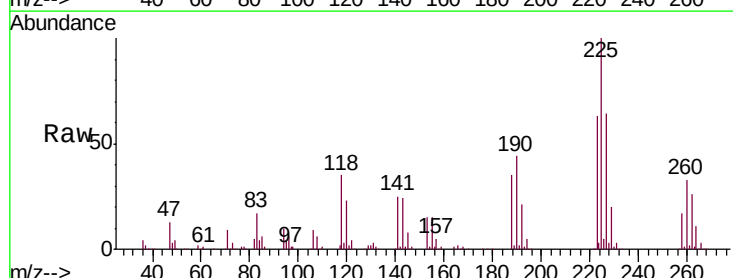
Instrument :
BNA_F
ClientSampleId :
PB120961BS

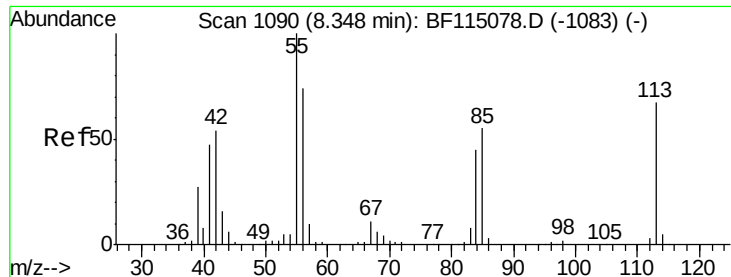
Tgt Ion:	127	Resp:	396725
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	25.0	21.4	32.2
92	17.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 45.387 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:	225	Resp:	405178
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.2
227	64.2	51.8	77.8

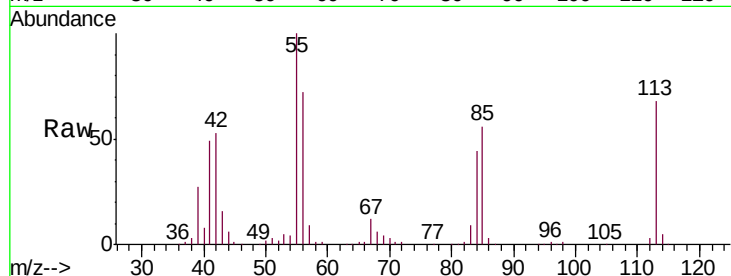




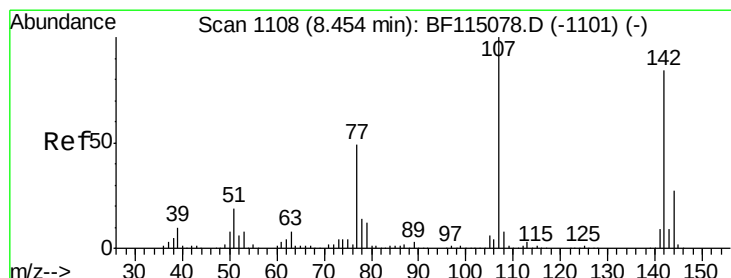
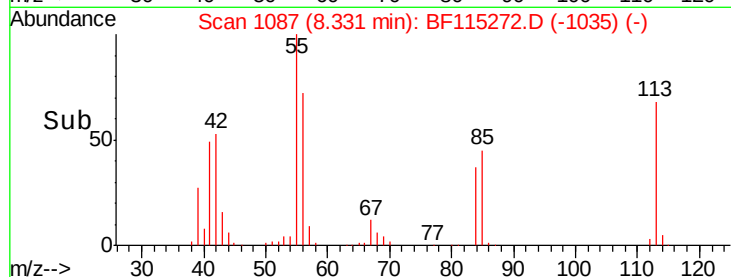
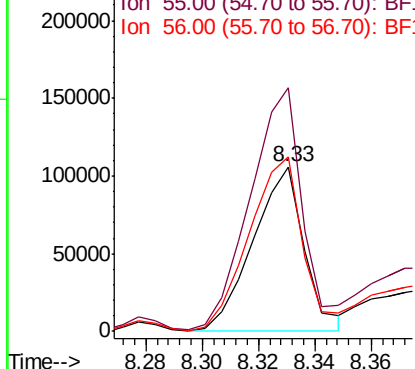
#35
 Caprolactam
 Concen: 26.844 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

Tgt Ion:113 Resp: 133100
 Ion Ratio Lower Upper
 113 100
 55 148.1 130.2 170.2
 56 106.3 91.6 131.6

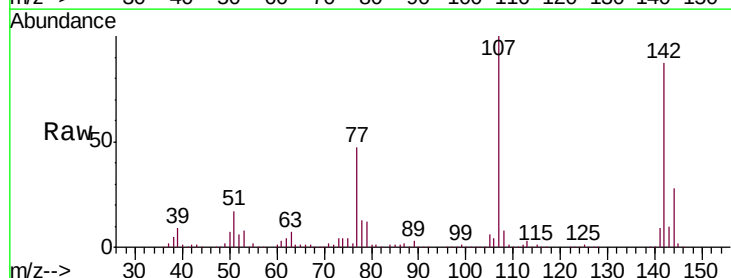


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

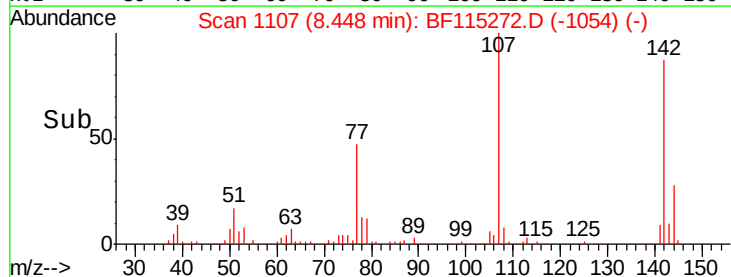
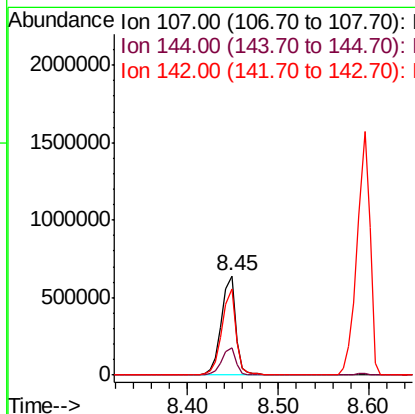


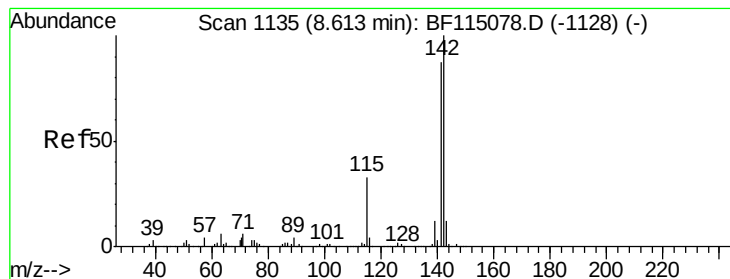
#36
 4-Chloro-3-methylphenol
 Concen: 47.329 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion:107 Resp: 706884
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.7 32.5
 142 87.1 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.837 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

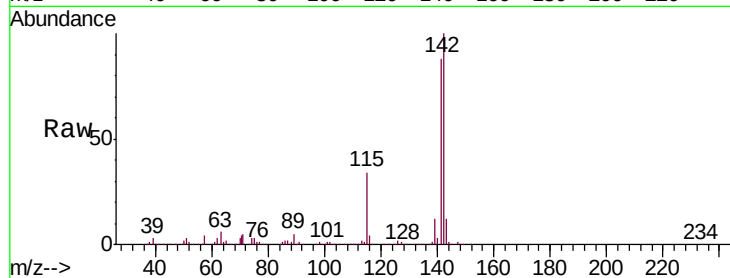
Tgt Ion:142 Resp: 1529860

Ion Ratio Lower Upper

142 100

141 88.0 69.8 104.6

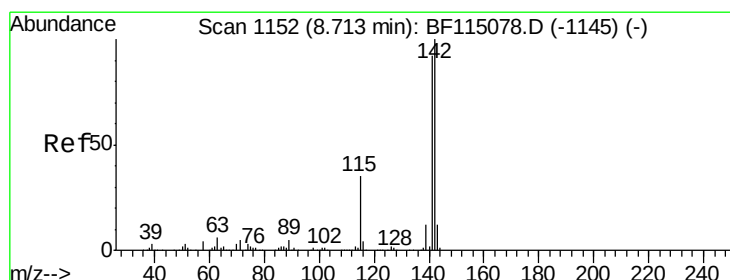
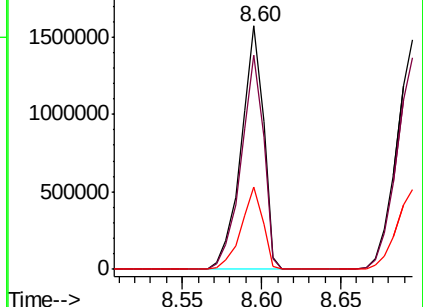
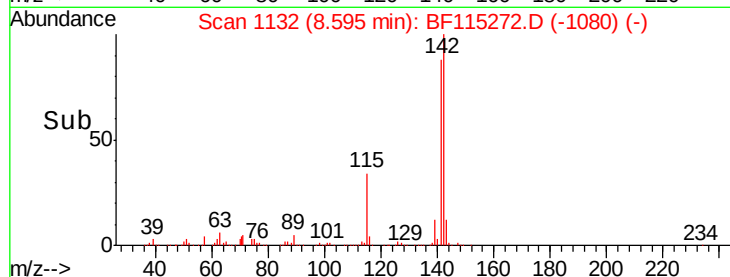
115 33.7 26.7 40.1



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: 46.367 ng

RT: 8.70 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

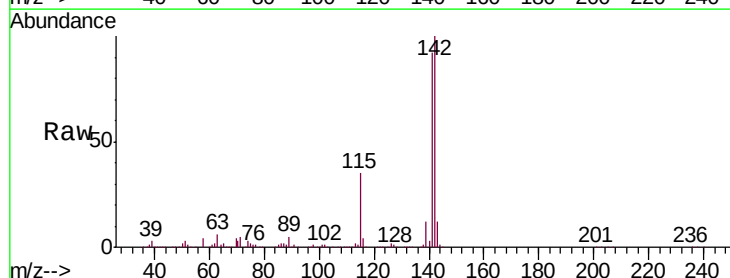
Tgt Ion:142 Resp: 1446449

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.8

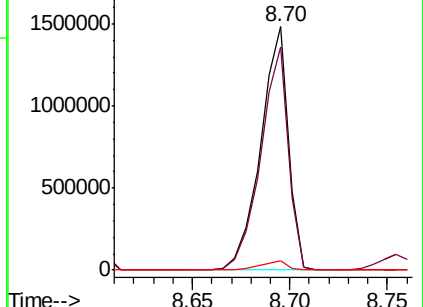
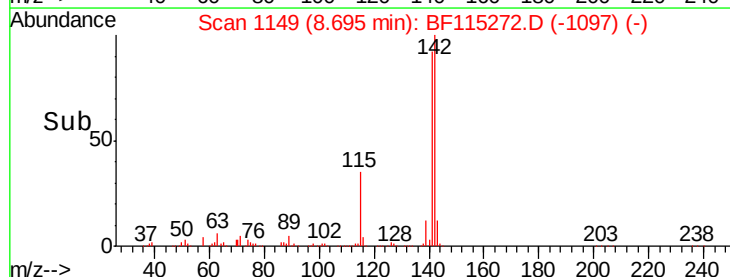
116 3.8 2.8 4.2

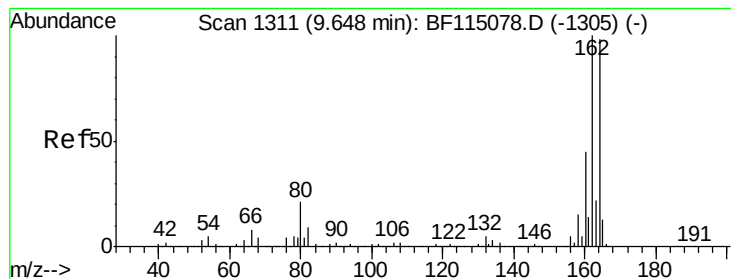


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

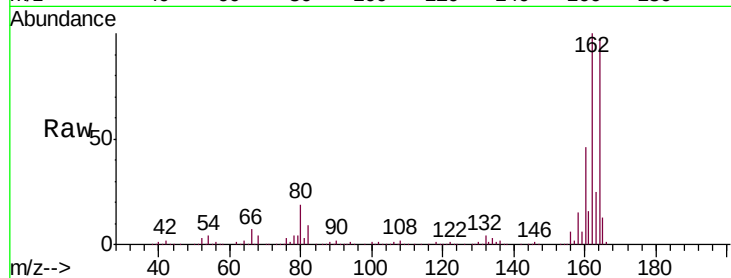
Tgt Ion:164 Resp: 492840

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

160 46.8 37.0 55.4

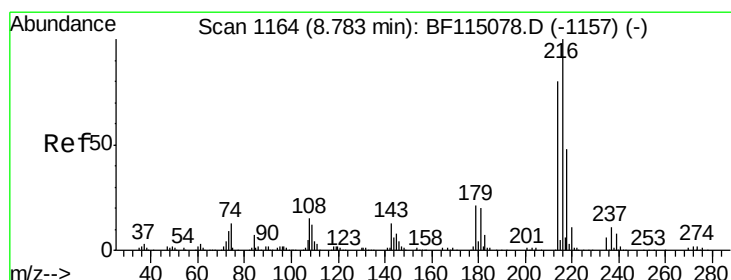
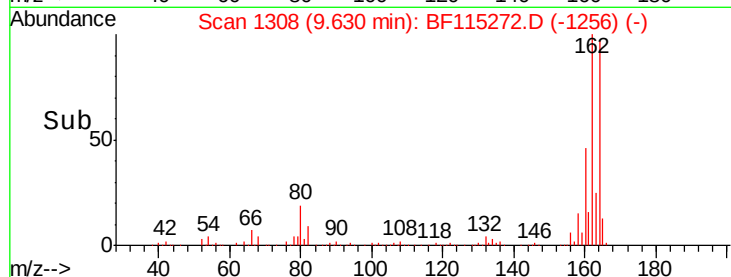
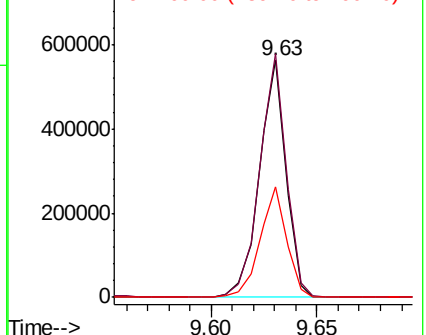


Abundance

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: 46.261 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Tgt Ion:216 Resp: 644274

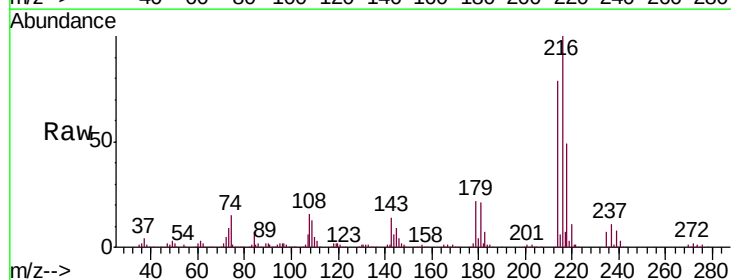
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 22.0 17.6 26.4

108 20.9 15.7 23.5



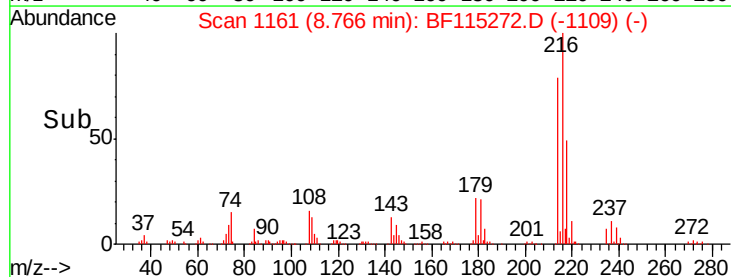
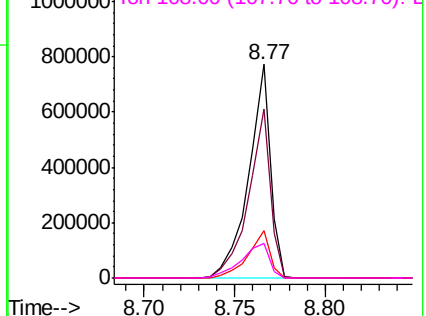
Abundance

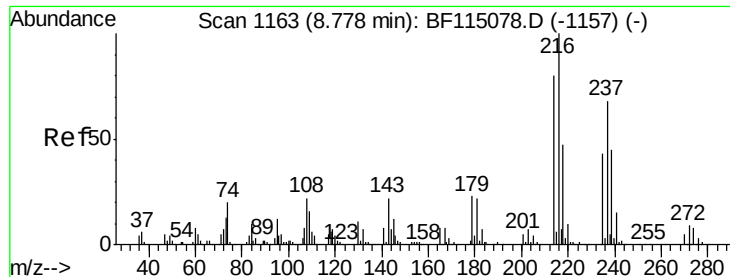
Ion 216.00 (215.70 to 216.70): E

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: 96.008 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

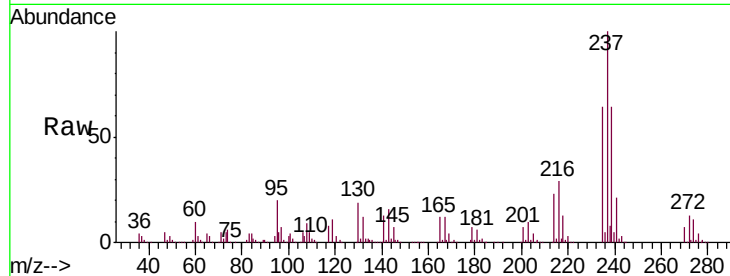
Tgt Ion: 237 Resp: 792842

Ion Ratio Lower Upper

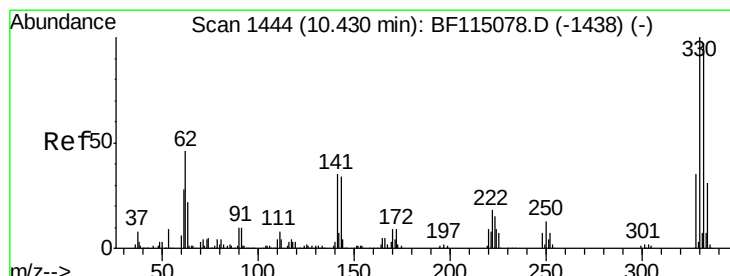
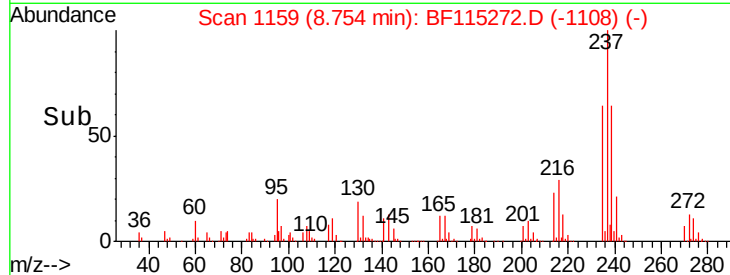
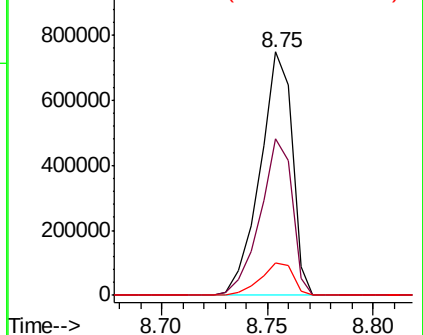
237 100

235 64.2 43.9 83.9

272 13.3 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: 133.469 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

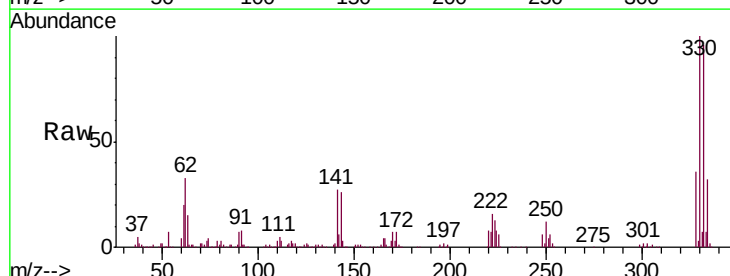
Tgt Ion: 330 Resp: 693661

Ion Ratio Lower Upper

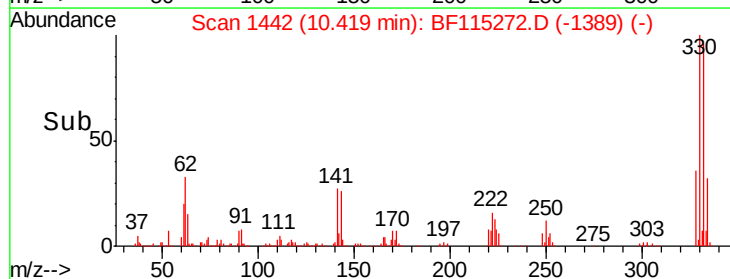
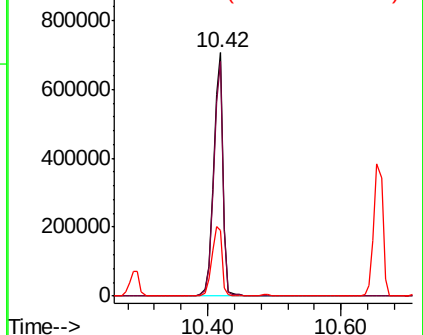
330 100

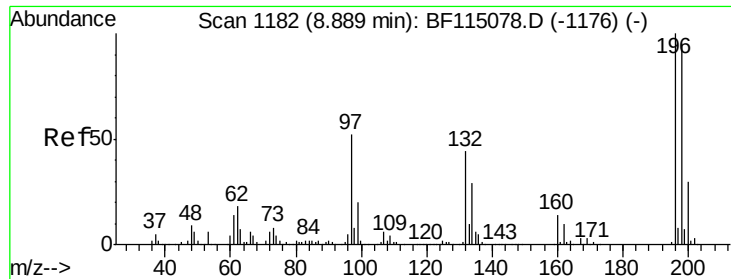
332 95.6 77.3 115.9

141 31.7 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

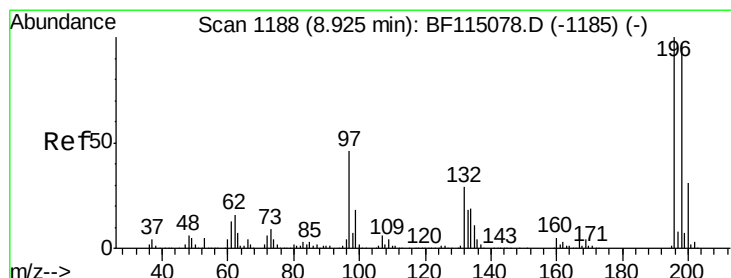
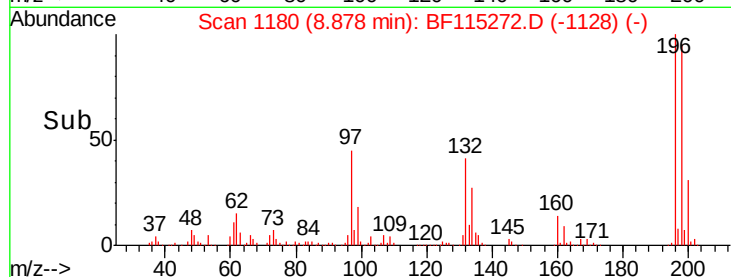
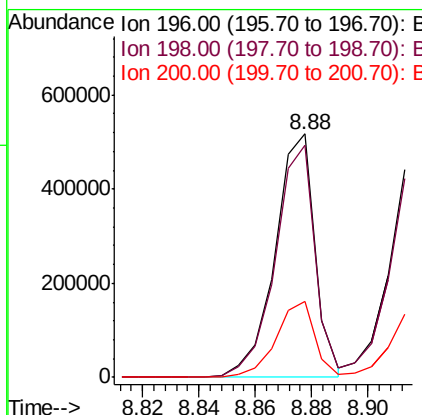
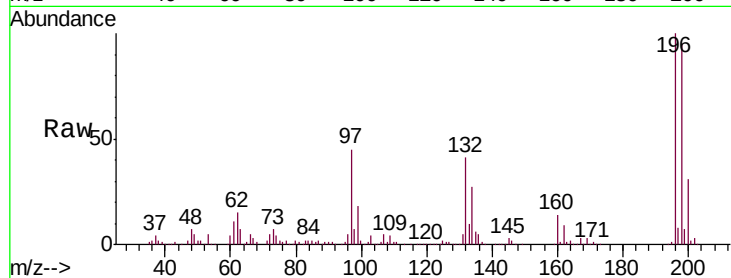




#43
 2,4,6-Trichlorophenol
 Concen: 47.212 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

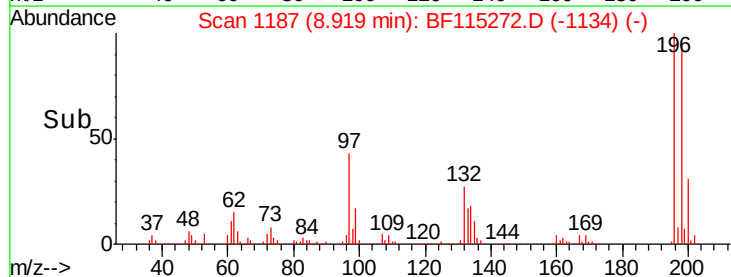
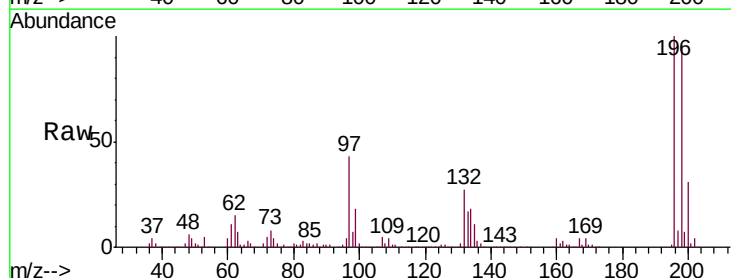
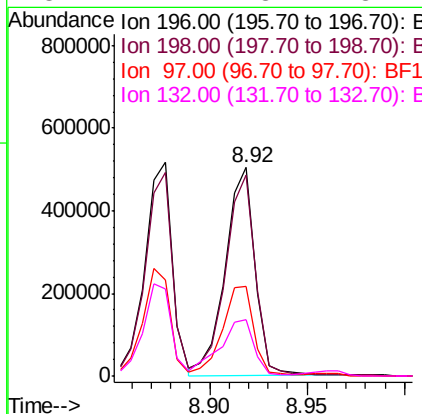
Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

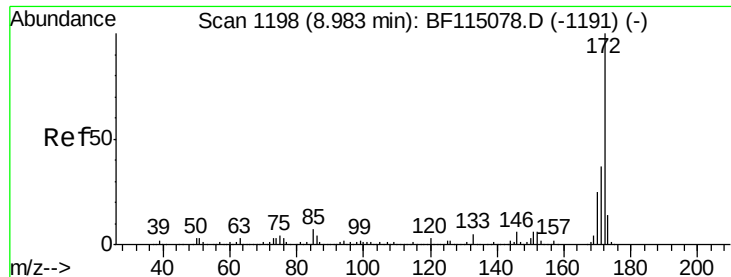
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.3	114.5
200	31.3	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 48.224 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.1	115.7
97	43.2	37.7	56.5
132	27.2	23.1	34.7

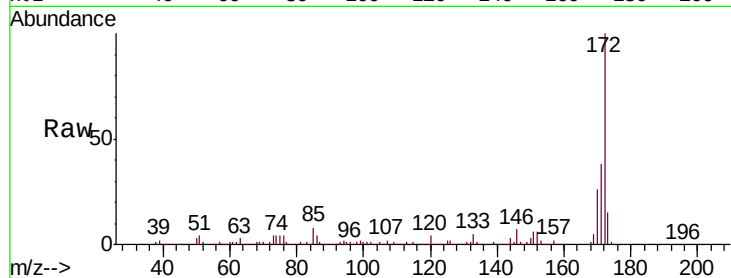




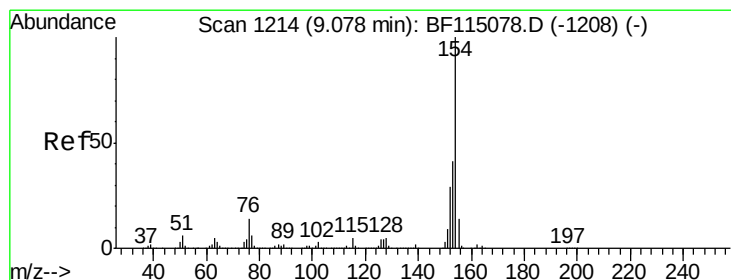
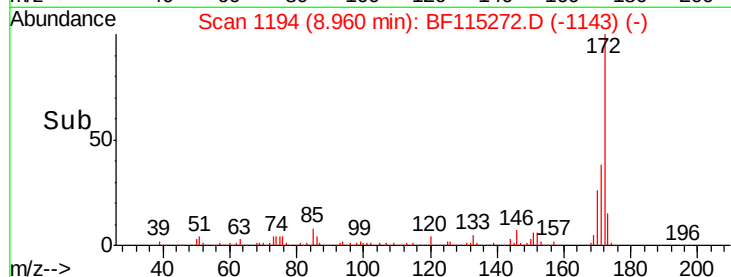
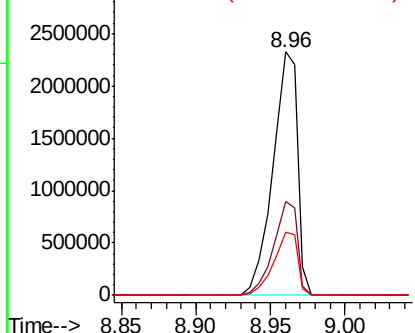
#45
 2-Fluorobiphenyl
 Concen: 92.177 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

Tgt Ion:172 Resp: 2674447
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.8 44.6
 170 25.9 20.3 30.5

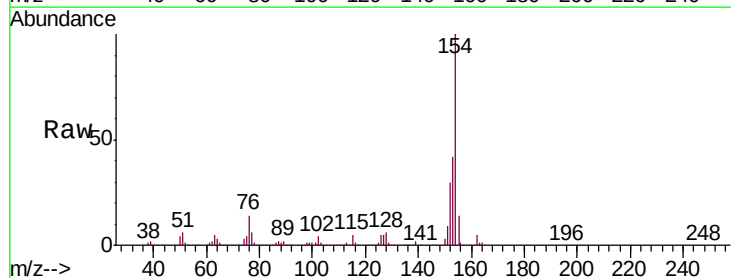


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

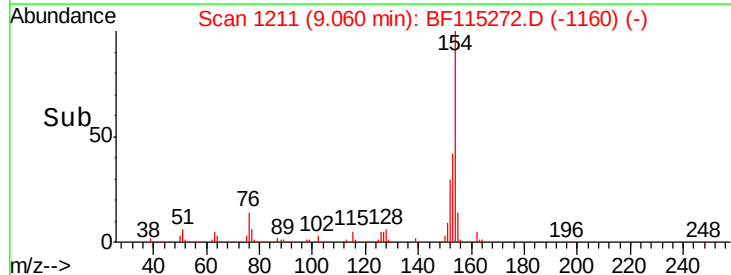
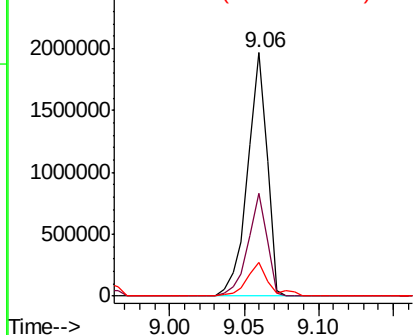


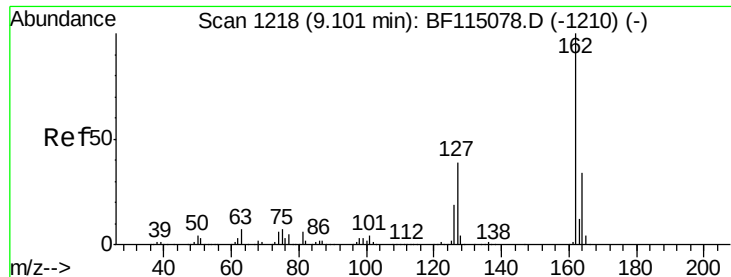
#46
 1,1'-Biphenyl
 Concen: 44.917 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion:154 Resp: 1771252
 Ion Ratio Lower Upper
 154 100
 153 42.2 20.9 60.9
 76 13.8 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

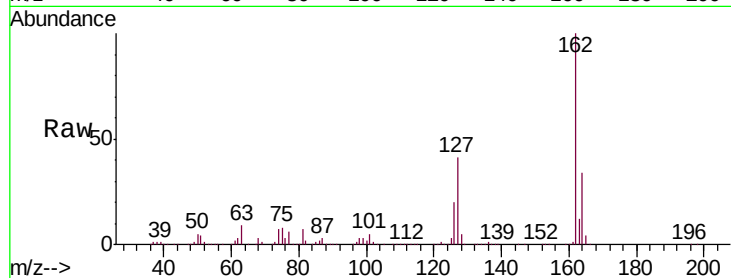




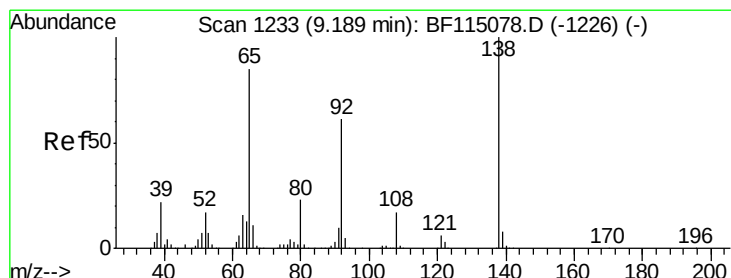
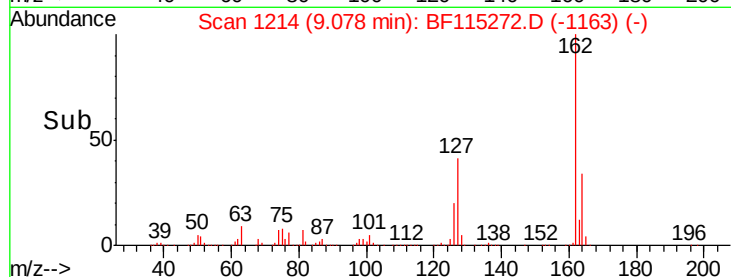
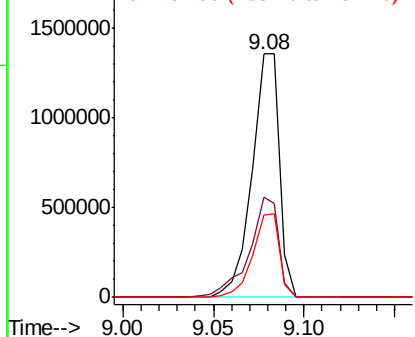
#47
2-Chloronaphthalene
Concen: 44.642 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Tgt Ion: 162 Resp: 1427966
Ion Ratio Lower Upper
162 100
127 41.1 30.8 46.2
164 33.6 27.0 40.4

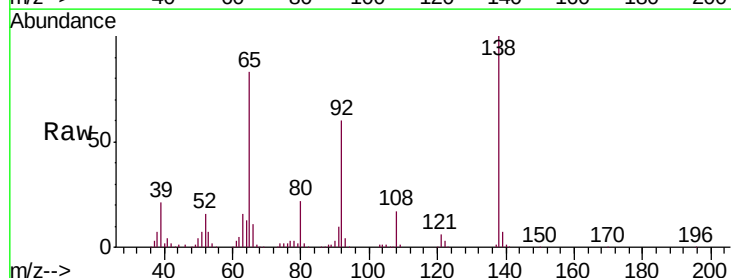


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

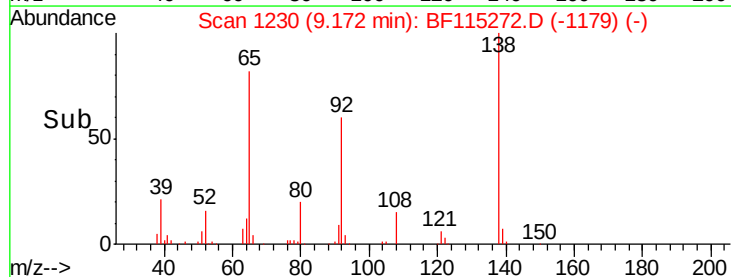
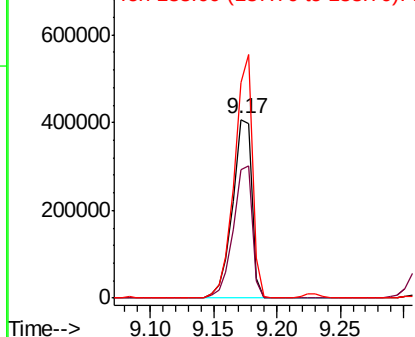


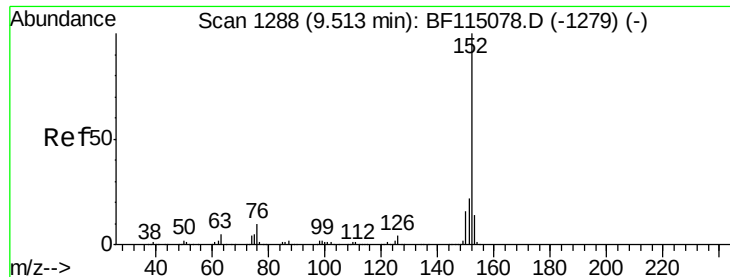
#48
2-Nitroaniline
Concen: 45.620 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion: 65 Resp: 425437
Ion Ratio Lower Upper
65 100
92 71.9 57.4 86.2
138 120.4 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: 44.507 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

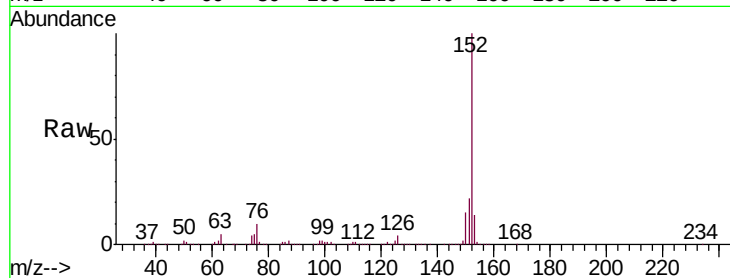
Tgt Ion:152 Resp: 2218099

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

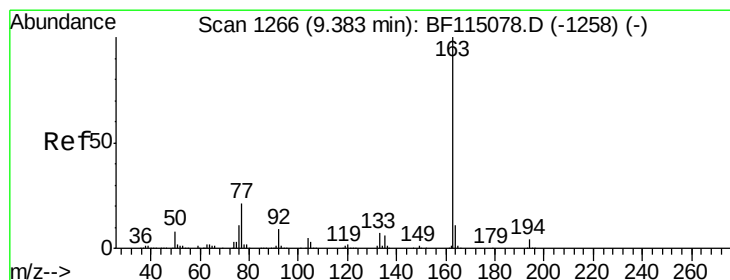
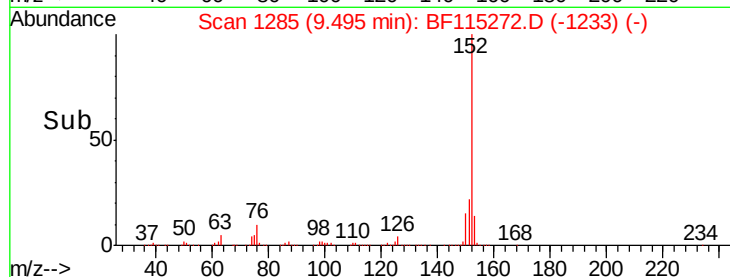
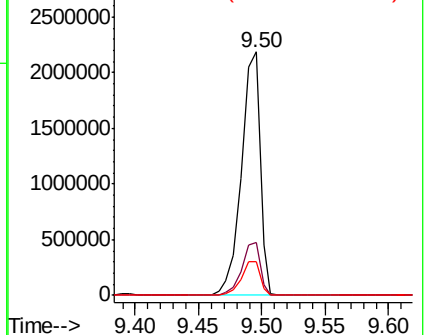
153 14.1 11.0 16.6



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: 46.770 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

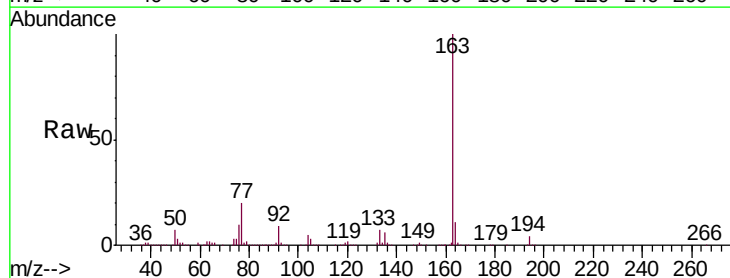
Tgt Ion:163 Resp: 1695856

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

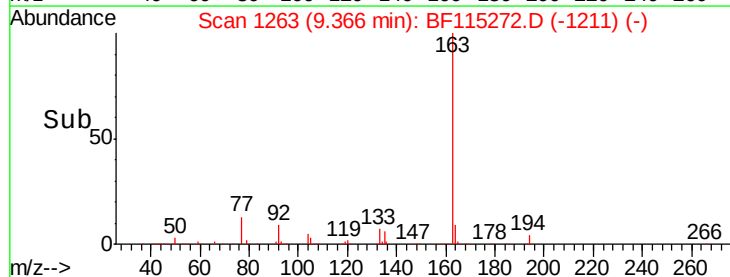
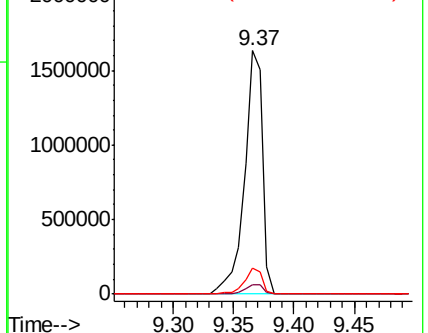
164 10.9 8.6 13.0

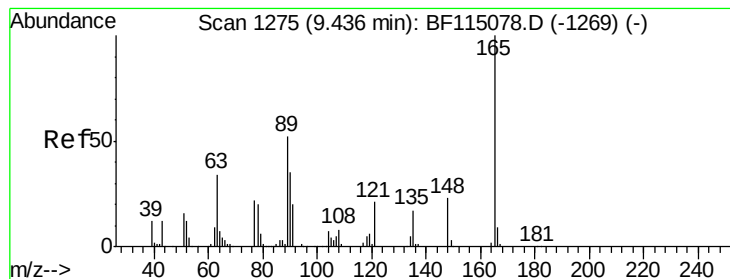


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.193 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampled :

PB120961BS

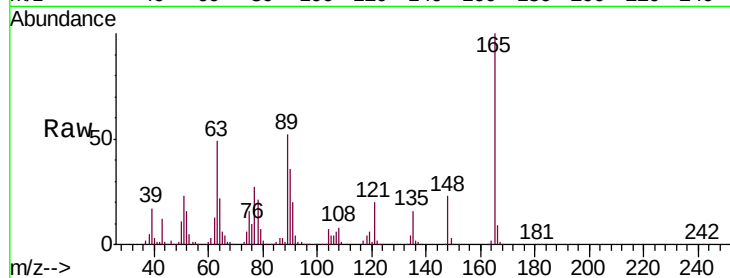
Tgt Ion:165 Resp: 403430

Ion Ratio Lower Upper

165 100

63 49.2 39.4 59.2

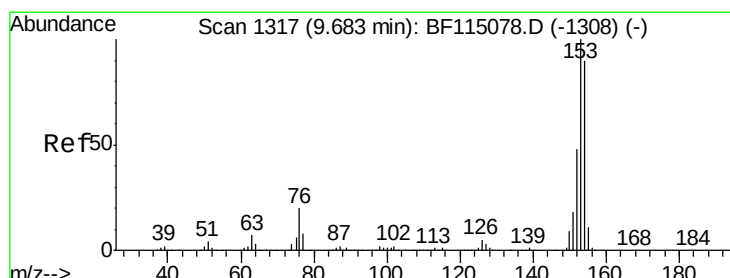
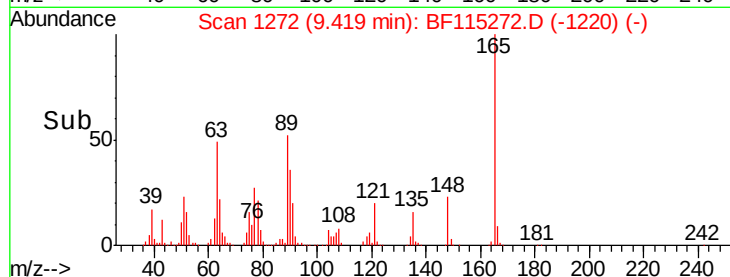
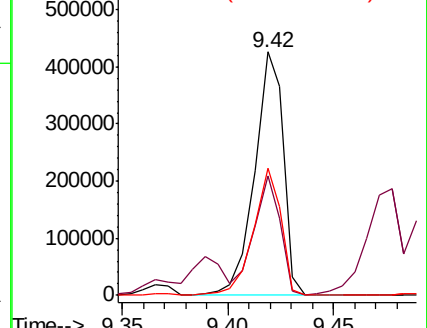
89 52.5 42.0 63.0



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: 42.610 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

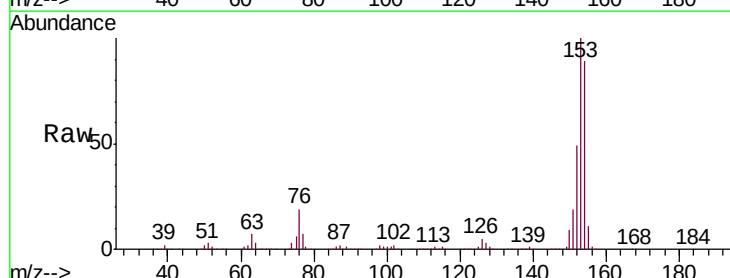
Tgt Ion:154 Resp: 1328821

Ion Ratio Lower Upper

154 100

153 111.8 88.7 133.1

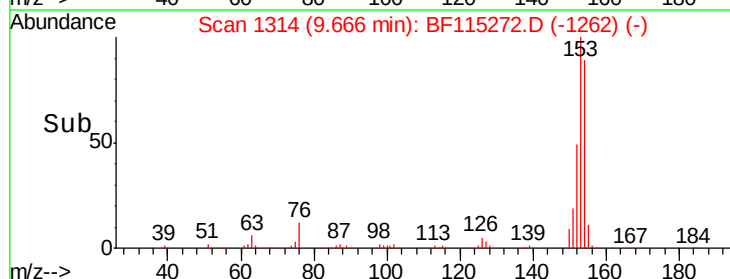
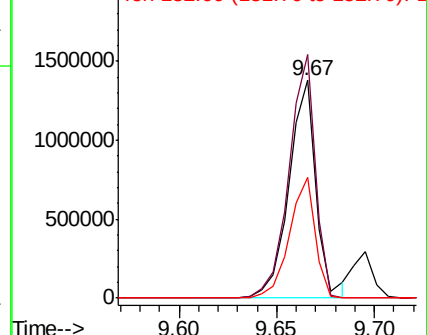
152 55.3 42.6 64.0

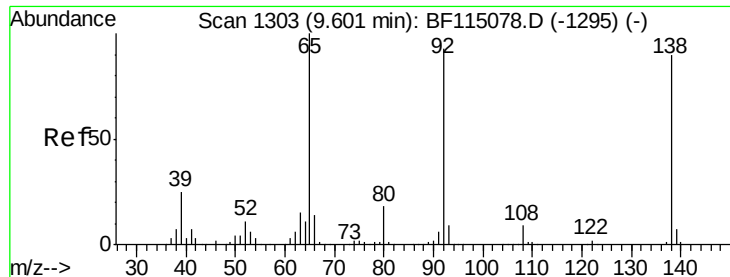


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

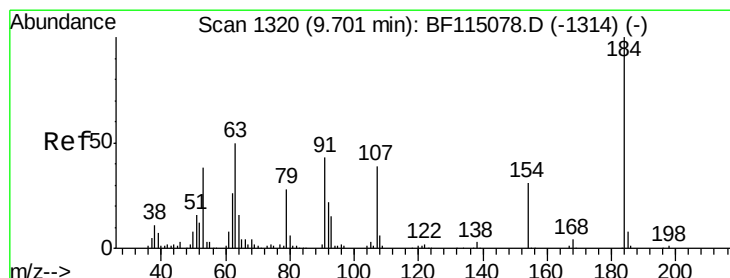
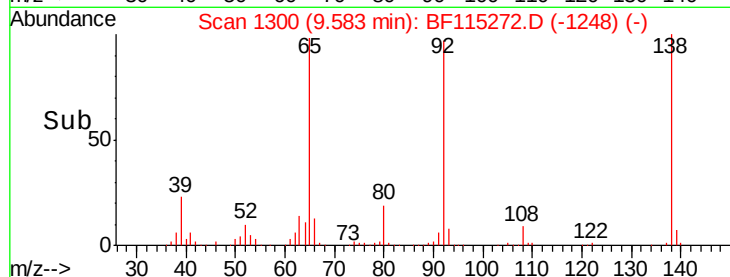
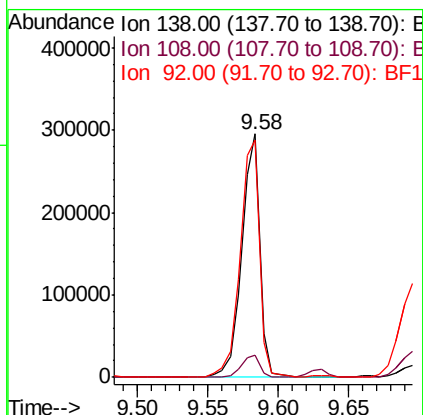
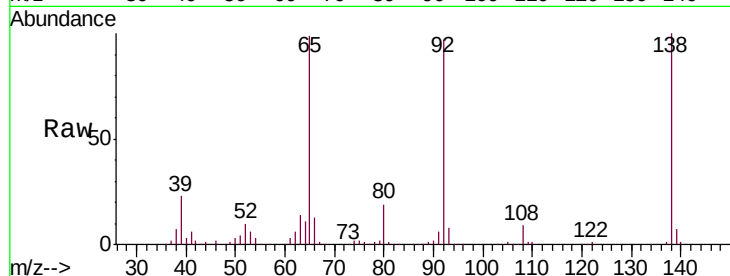




#53
 3-Nitroaniline
 Concen: 25.757 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

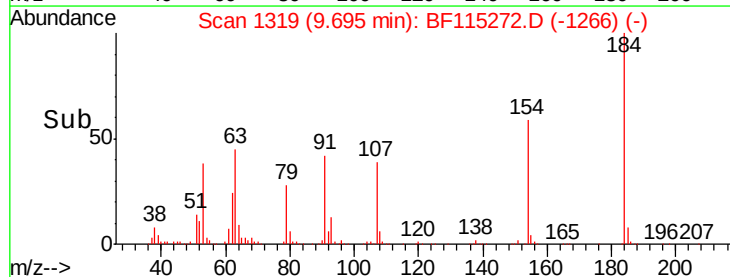
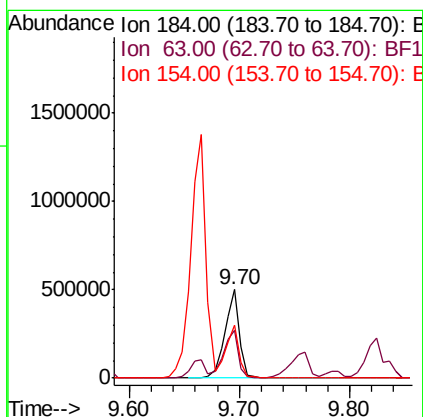
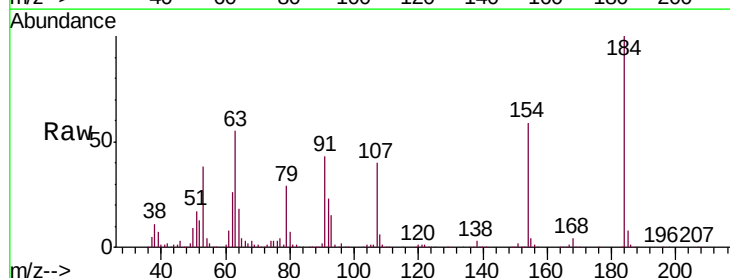
Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

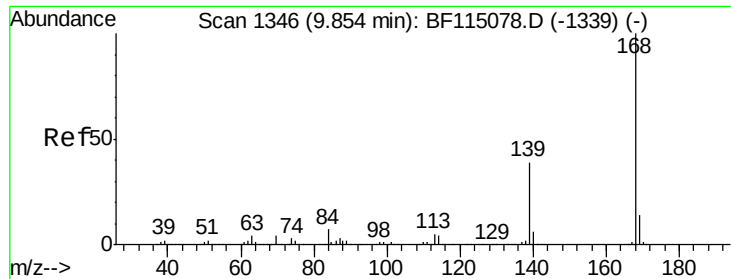
Tgt Ion:138 Resp: 263121
 Ion Ratio Lower Upper
 138 100
 108 9.0 7.8 11.6
 92 97.3 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 103.816 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion:184 Resp: 457561
 Ion Ratio Lower Upper
 184 100
 63 54.6 41.9 62.9
 154 59.2 44.7 67.1

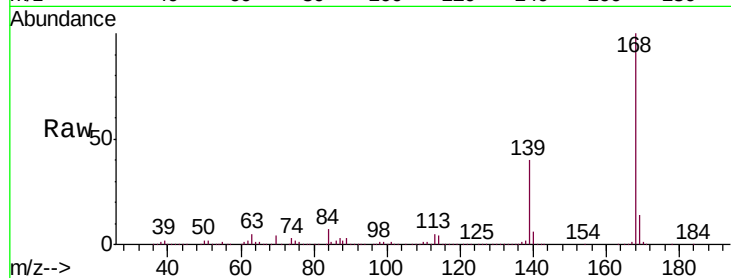




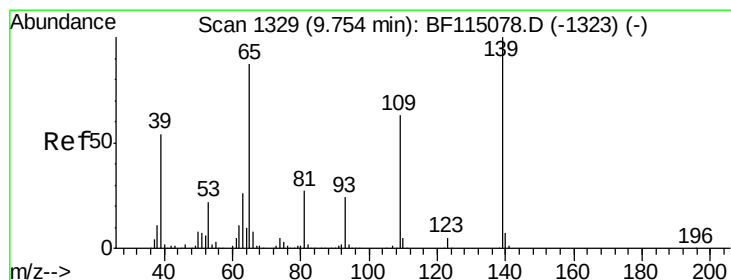
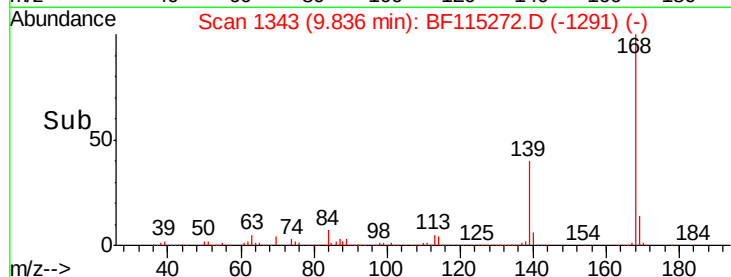
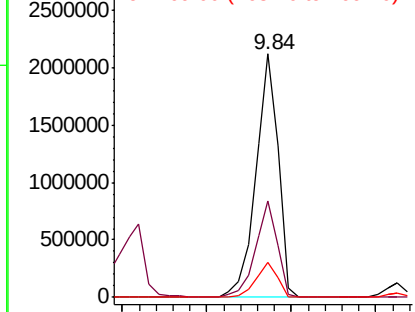
#55
Dibenzofuran
Concen: 43.591 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Tgt Ion:168 Resp: 1951125
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 14.4 11.3 16.9

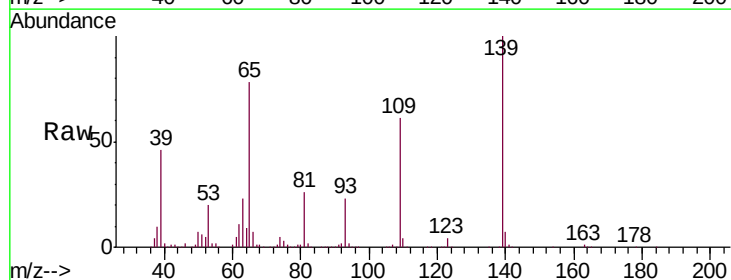


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

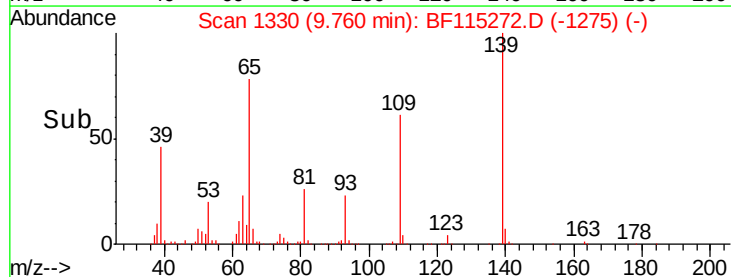
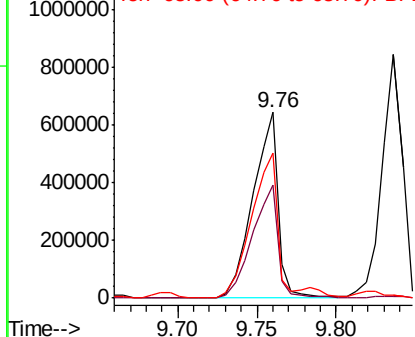


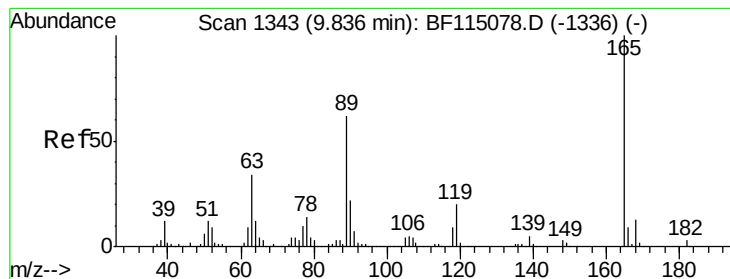
#56
4-Nitrophenol
Concen: 87.897 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:139 Resp: 719856
Ion Ratio Lower Upper
139 100
109 60.7 43.0 83.0
65 78.3 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: 48.782 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

Tgt Ion:165 Resp: 527283

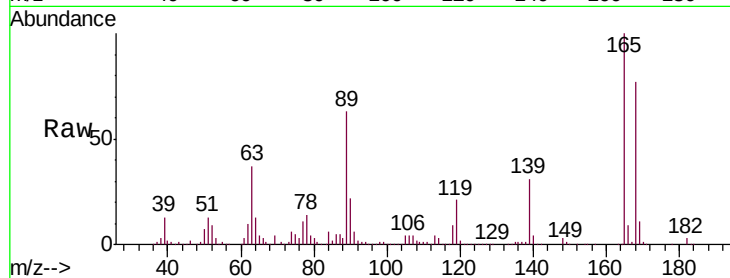
Ion Ratio Lower Upper

165 100

63 37.4 27.5 41.3

89 62.6 49.9 74.9

182 2.7 2.1 3.1

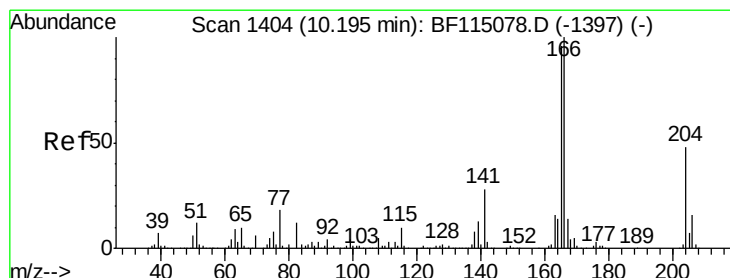
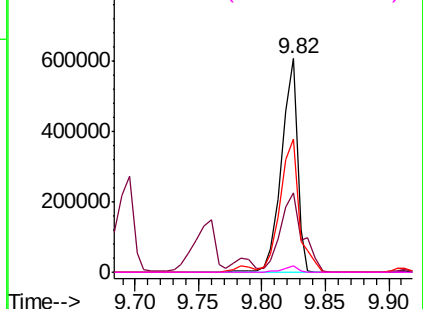
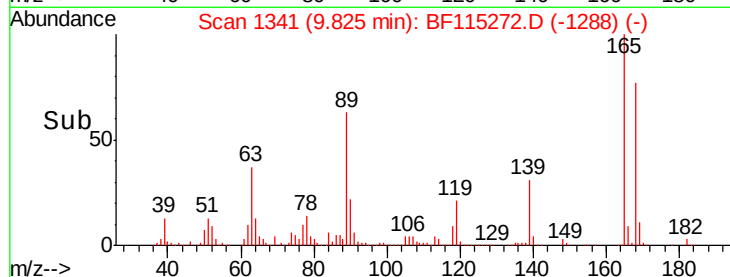


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.727 ng

RT: 10.18 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

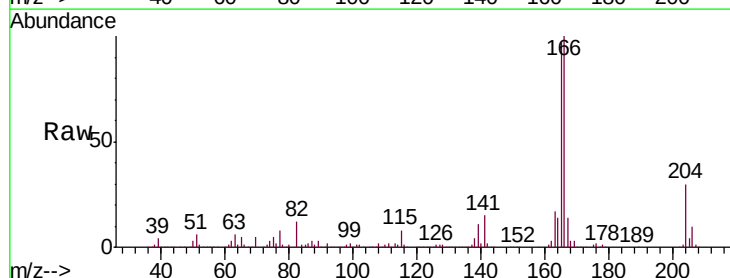
Tgt Ion:166 Resp: 1334084

Ion Ratio Lower Upper

166 100

165 96.8 76.5 114.7

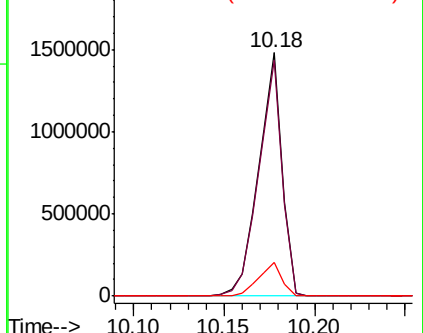
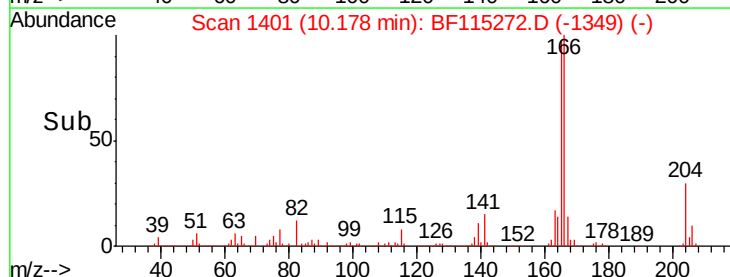
167 13.8 11.0 16.4

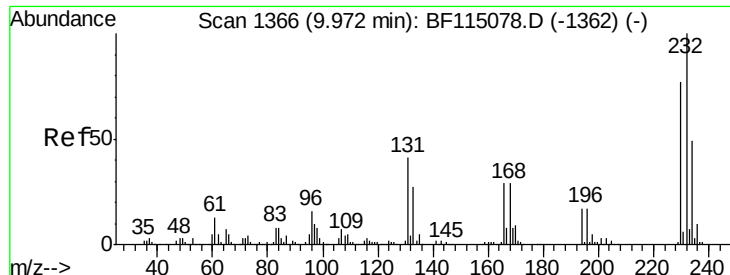


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

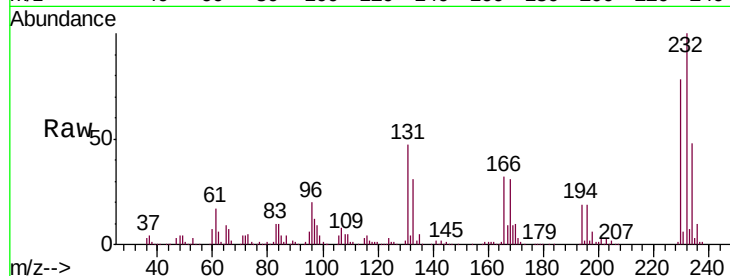




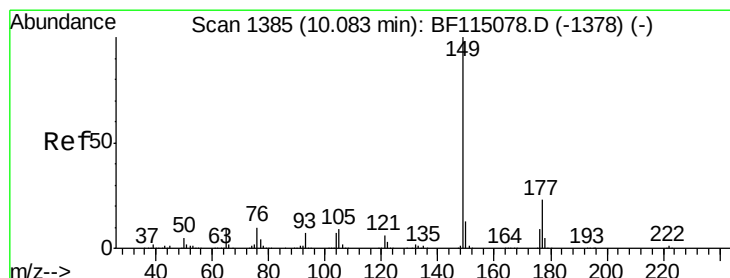
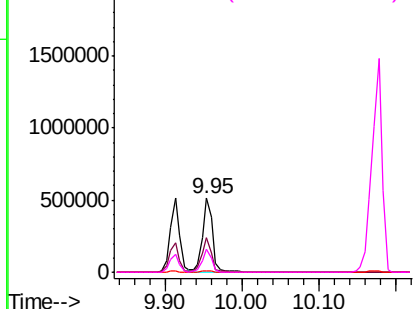
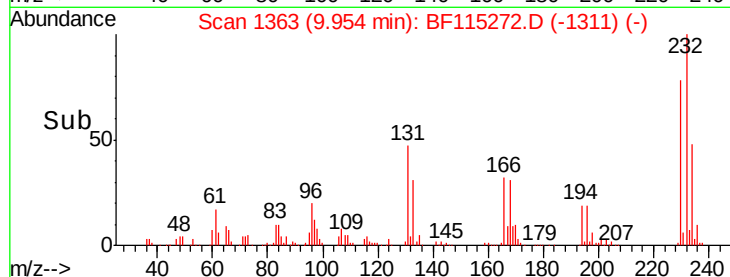
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.690 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.7	37.4	56.0
130	2.1	1.8	2.6
166	29.5	24.6	36.8

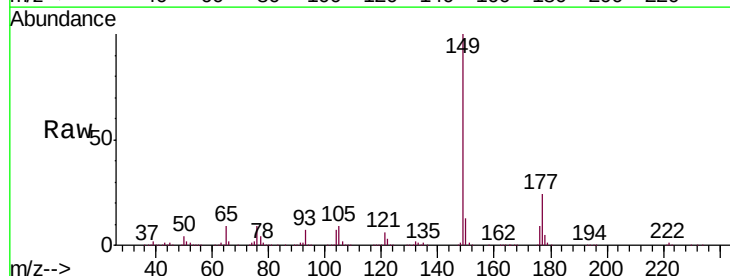


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

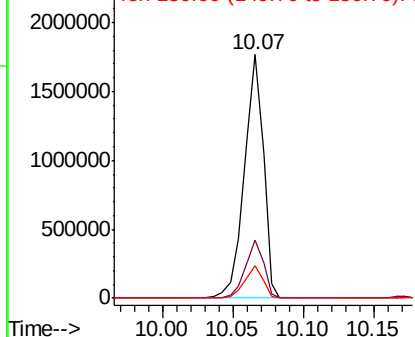
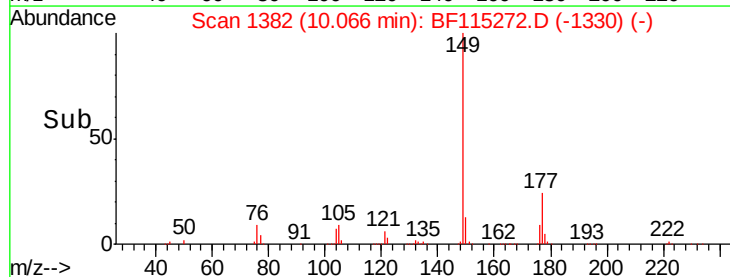


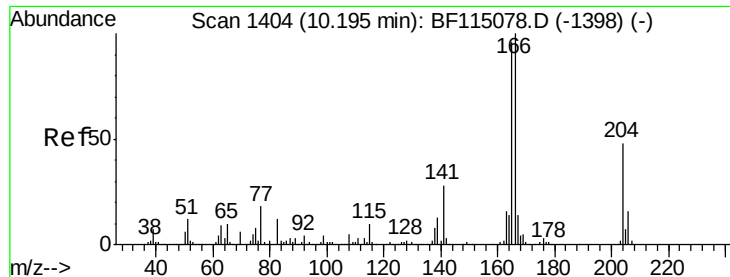
#60
 Diethylphthalate
 Concen: 45.513 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.7	28.1
150	13.4	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

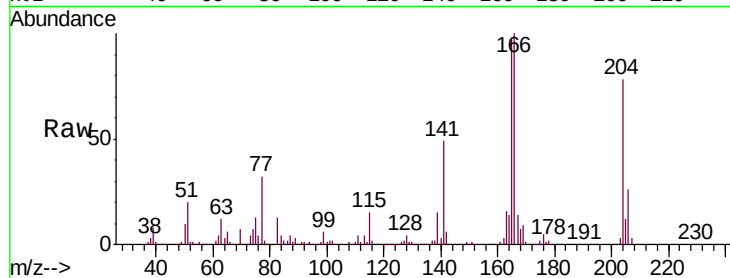




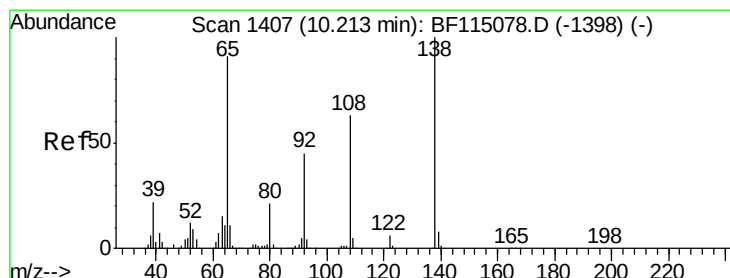
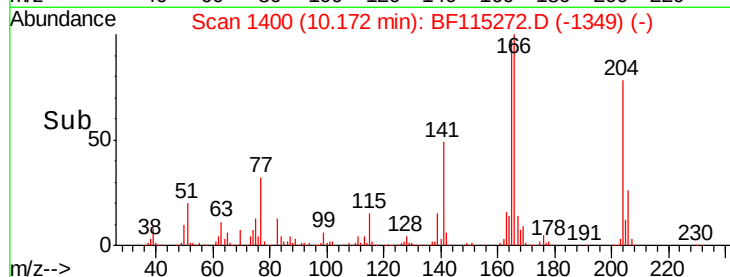
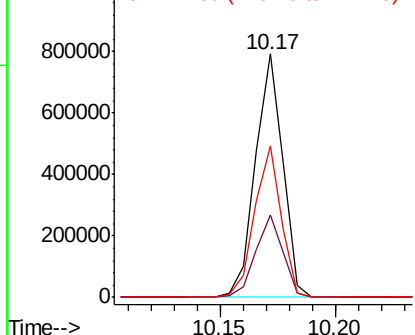
#61
4-Chlorophenyl-phenylether
Concen: 46.873 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Tgt Ion:204 Resp: 659796
Ion Ratio Lower Upper
204 100
206 33.9 26.6 40.0
141 62.5 46.7 70.1

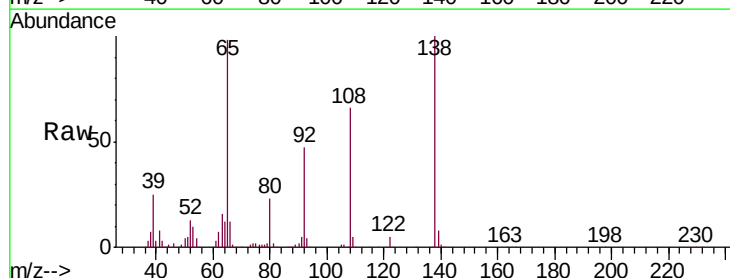


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

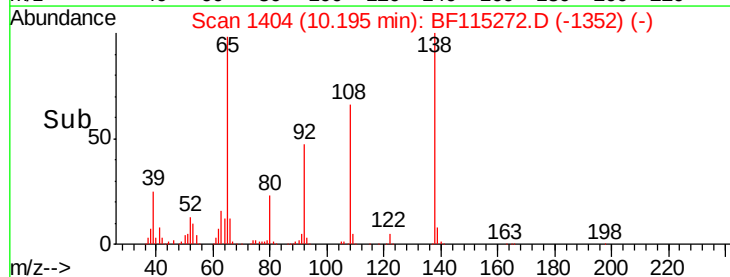
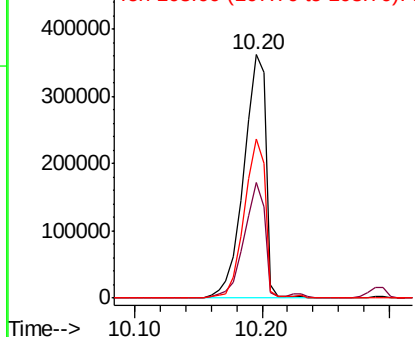


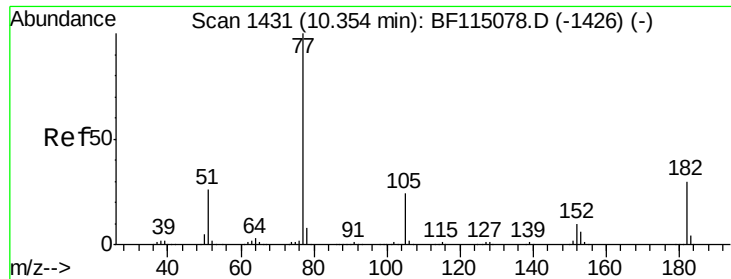
#62
4-Nitroaniline
Concen: 42.942 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:138 Resp: 440078
Ion Ratio Lower Upper
138 100
92 47.3 24.8 64.8
108 65.6 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

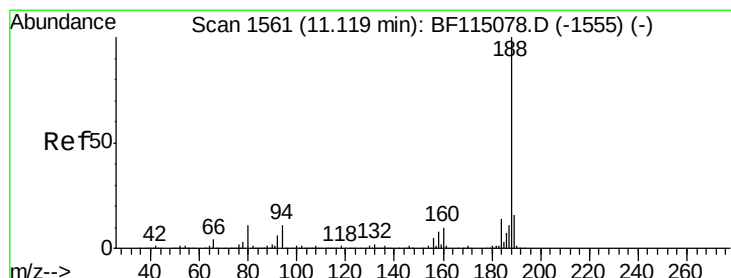
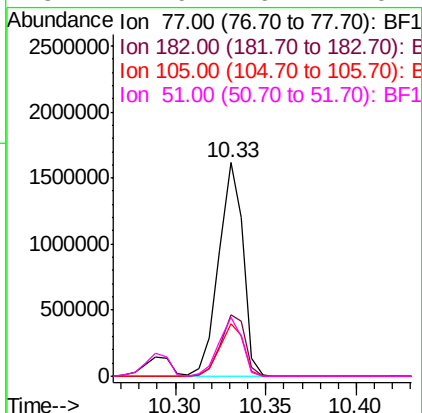
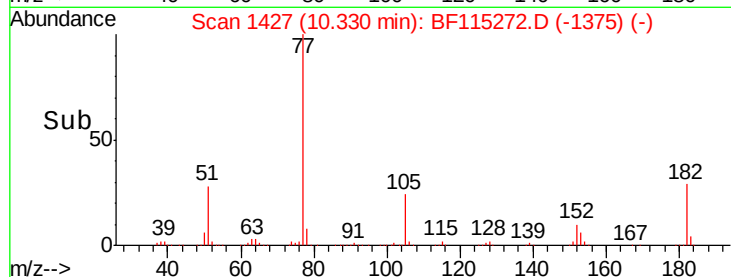
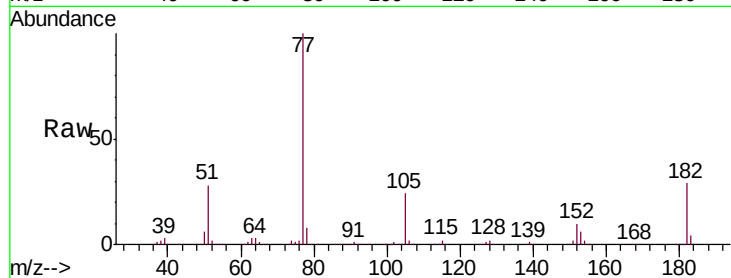




#63
Azobenzene
Concen: 44.096 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

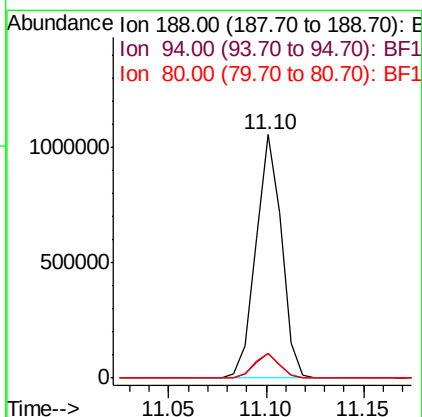
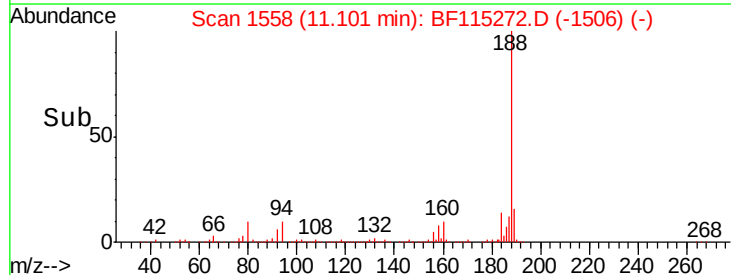
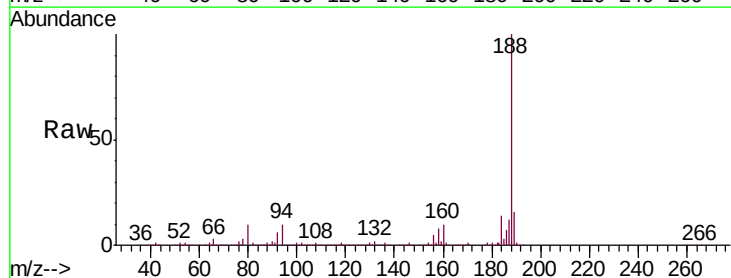
Instrument :
BNA_F
ClientSampleId :
PB120961BS

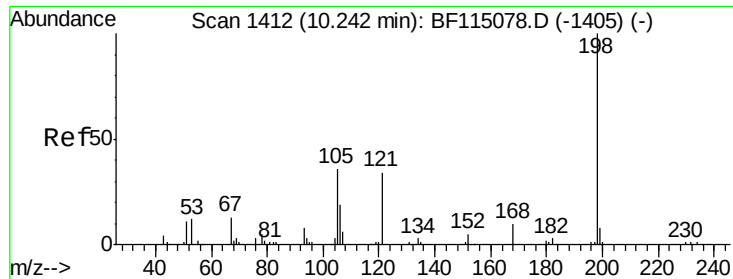
Tgt Ion: 77 Resp: 1501182
Ion Ratio Lower Upper
77 100
182 28.7 10.1 50.1
105 24.4 4.5 44.5
51 27.6 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion: 188 Resp: 958286
Ion Ratio Lower Upper
188 100
94 9.9 8.6 12.8
80 10.3 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 53.282 ng

RT: 10.23 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

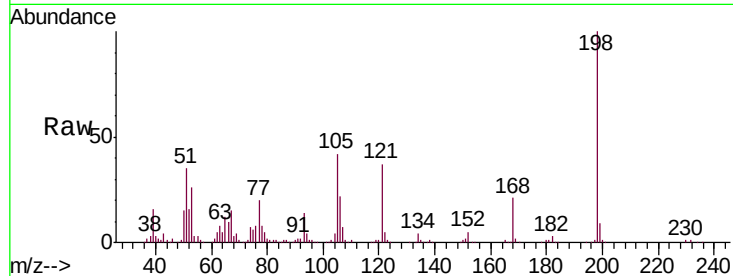
Tgt Ion:198 Resp: 274780

Ion Ratio Lower Upper

198 100

51 34.6 11.0 51.0

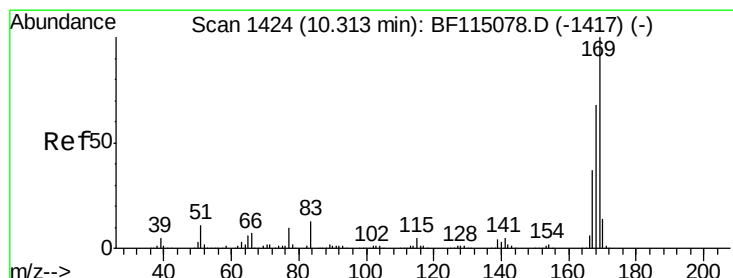
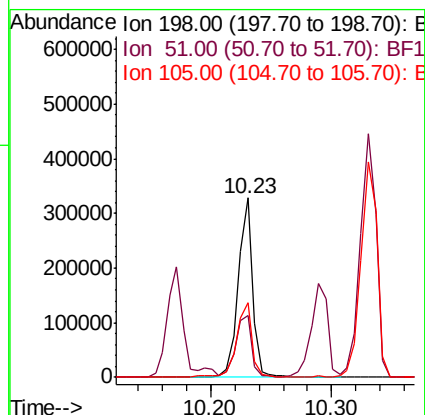
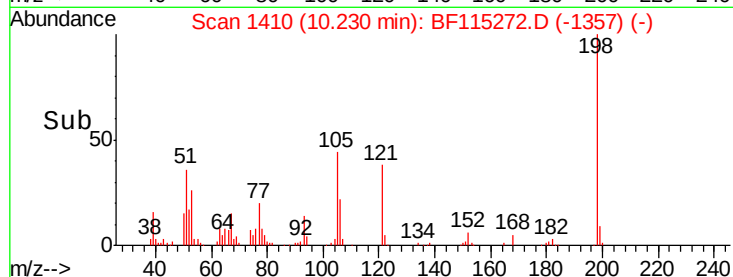
105 41.8 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.388 ng

RT: 10.30 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

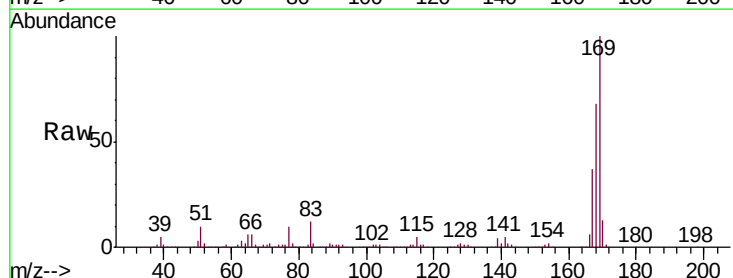
Tgt Ion:169 Resp: 1384936

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

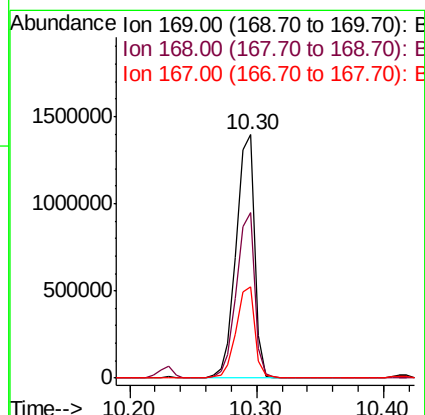
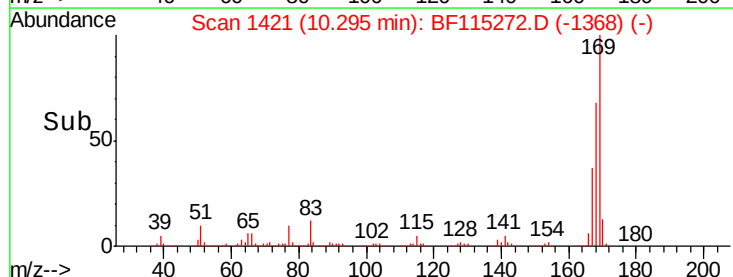
167 37.3 29.4 44.0

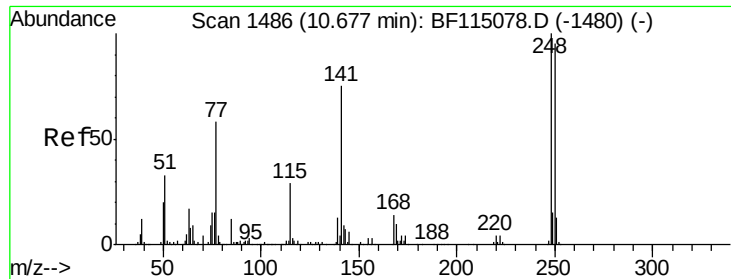


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

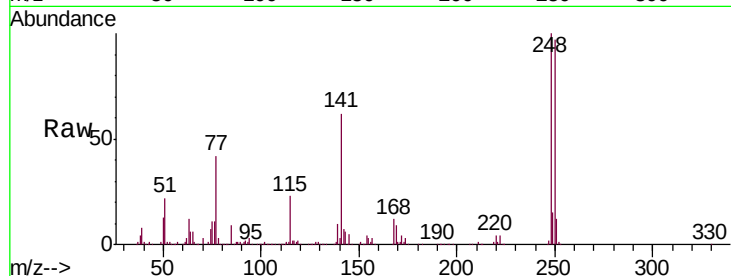




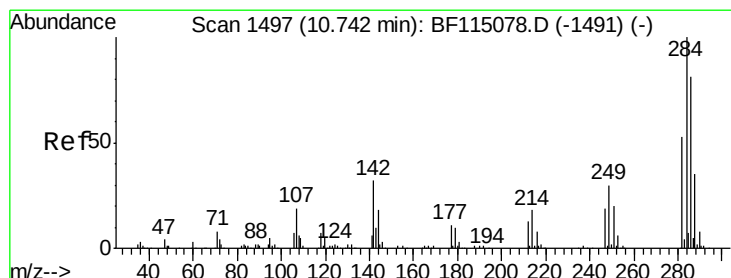
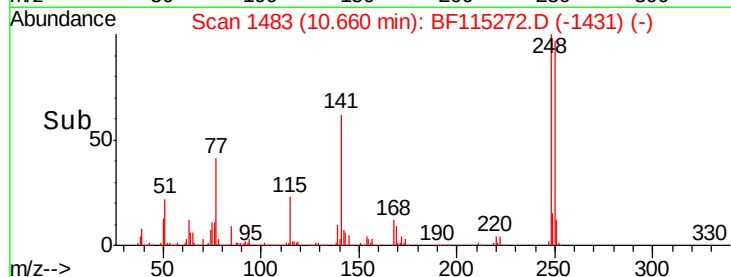
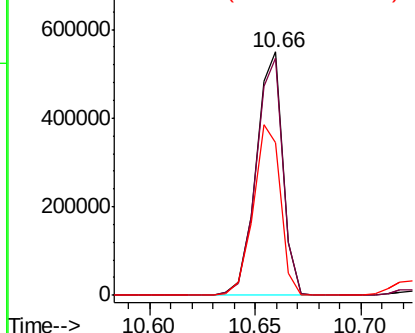
#67
4-Bromophenyl-phenylether
Concen: 46.510 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Tgt Ion:248 Resp: 483228
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.2
141 62.5 59.6 89.4

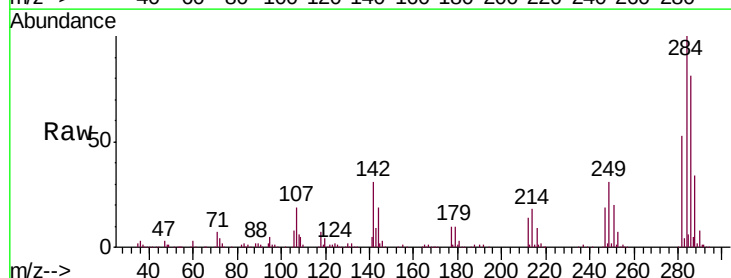


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

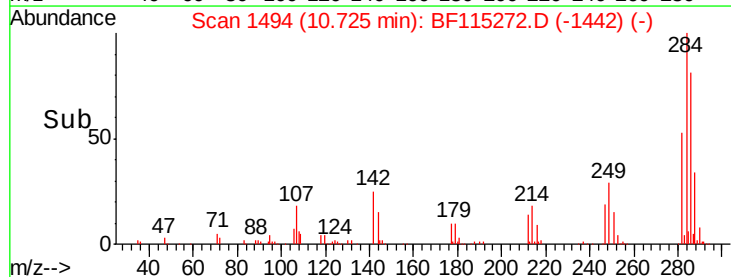
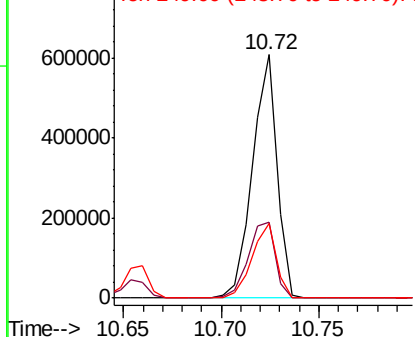


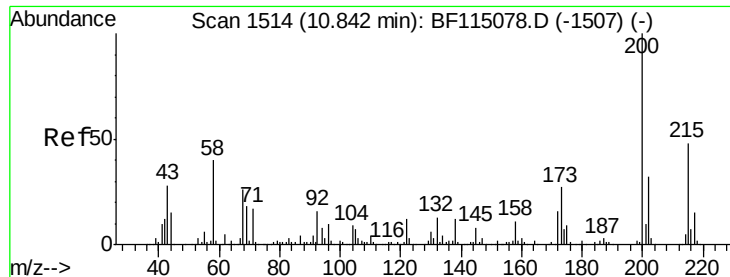
#68
Hexachlorobenzene
Concen: 47.087 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:284 Resp: 531017
Ion Ratio Lower Upper
284 100
142 31.4 25.8 38.8
249 30.8 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

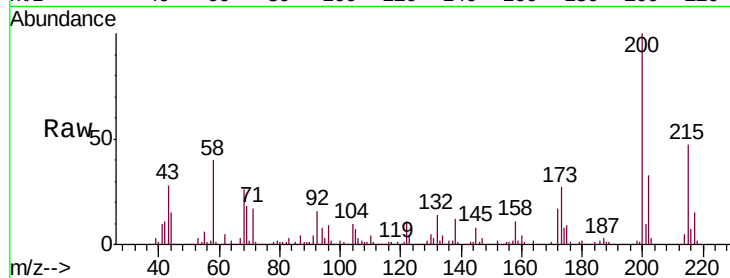




#69
 Atrazine
 Concen: 47.794 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	47.1	27.8	67.8

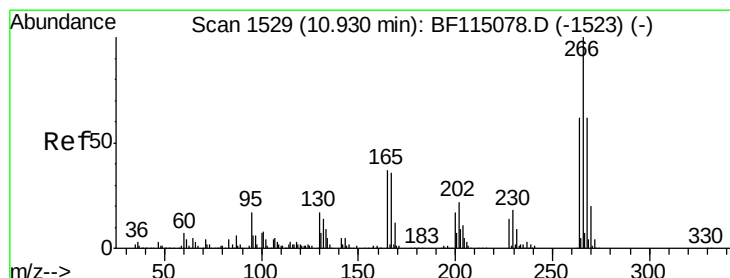
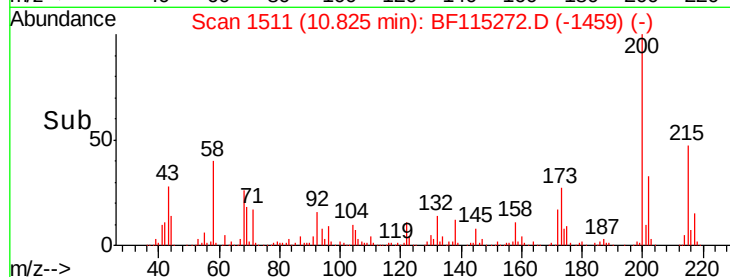
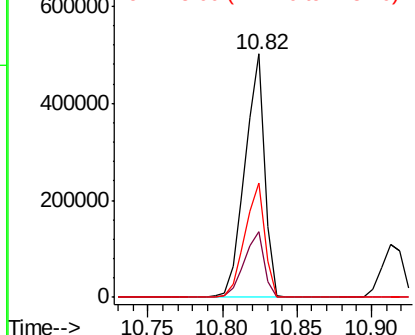


Abundance

Ion 200.00 (199.70 to 200.70): E

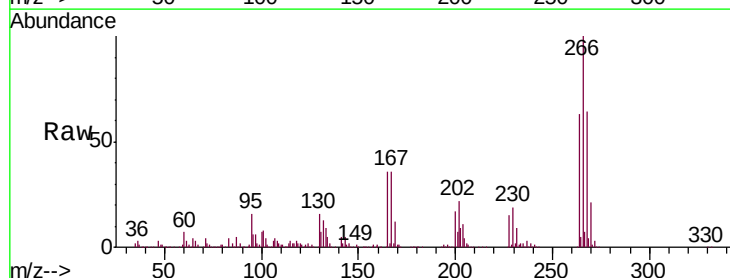
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 88.398 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.5	74.3
264	63.3	49.3	73.9

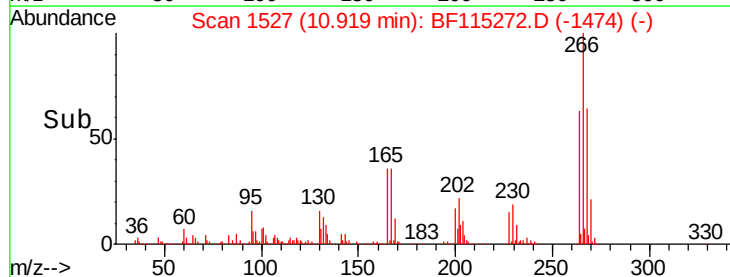
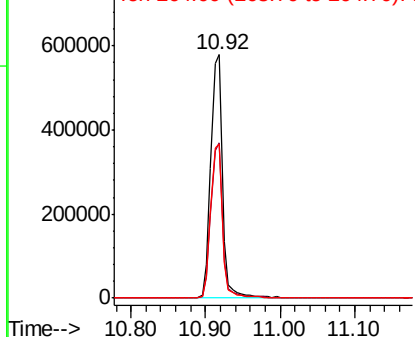


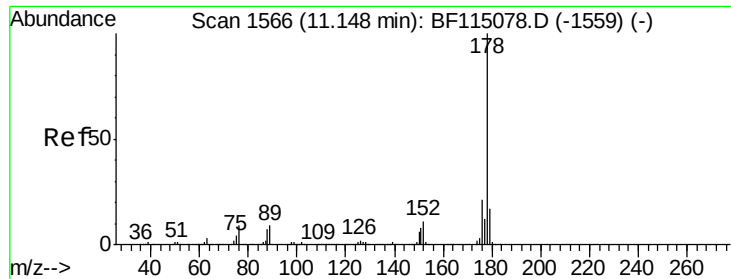
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.917 ng

RT: 11.13 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

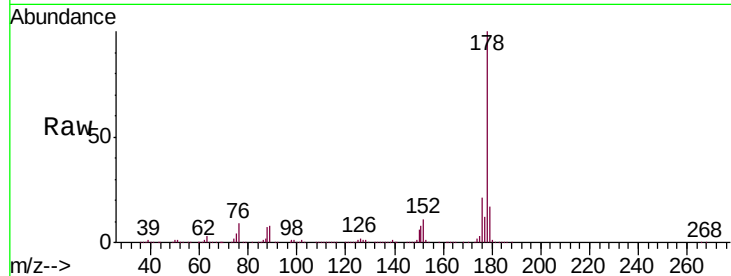
Tgt Ion:178 Resp: 2214313

Ion Ratio Lower Upper

178 100

176 21.3 16.9 25.3

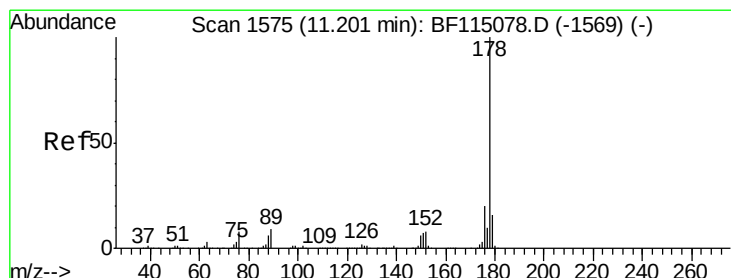
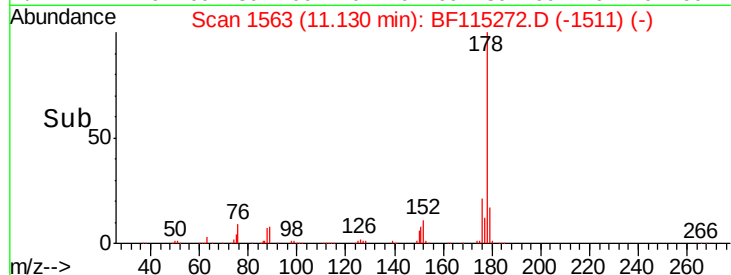
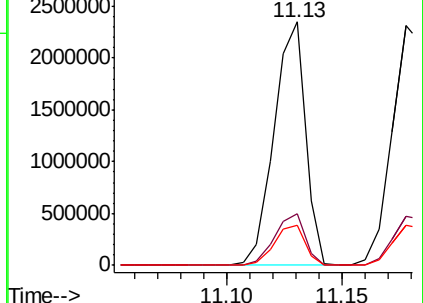
179 16.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.724 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

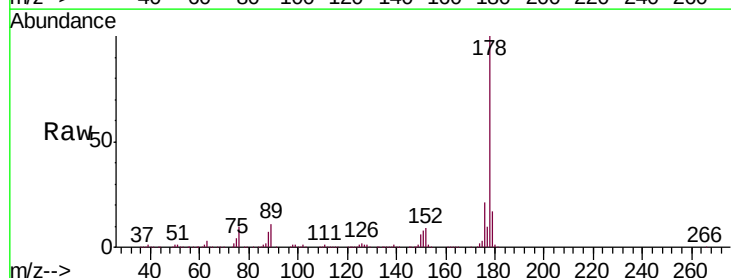
Tgt Ion:178 Resp: 2277241

Ion Ratio Lower Upper

178 100

176 20.6 16.1 24.1

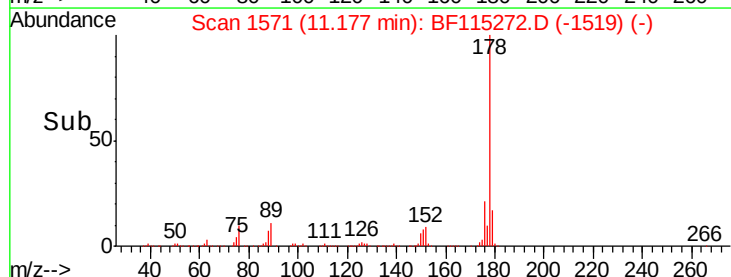
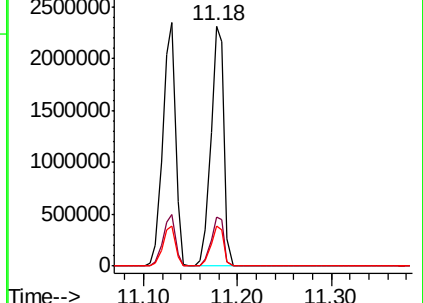
179 16.8 12.9 19.3

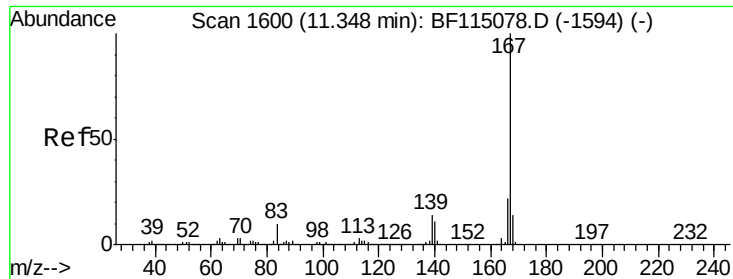


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

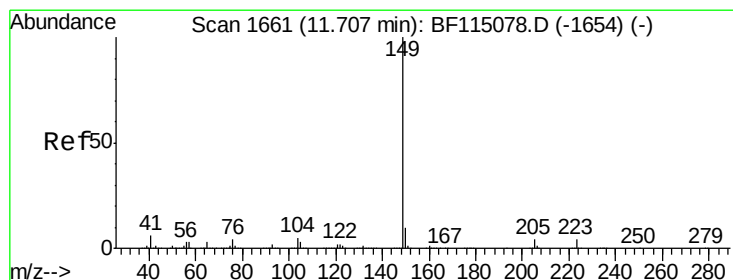
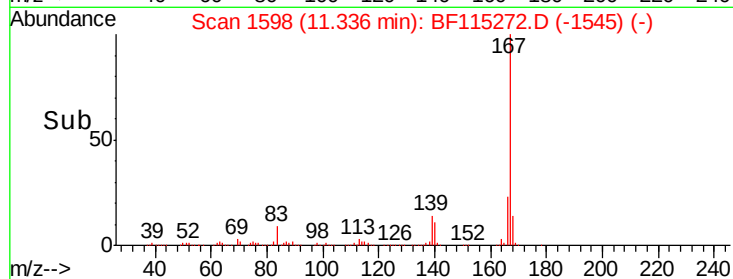
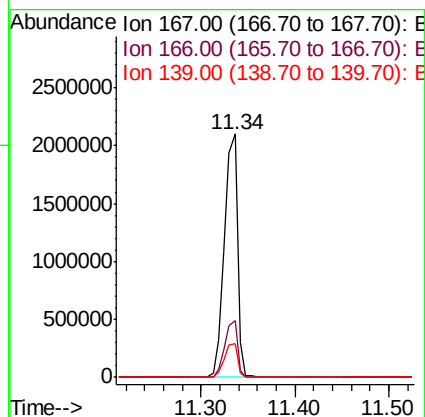
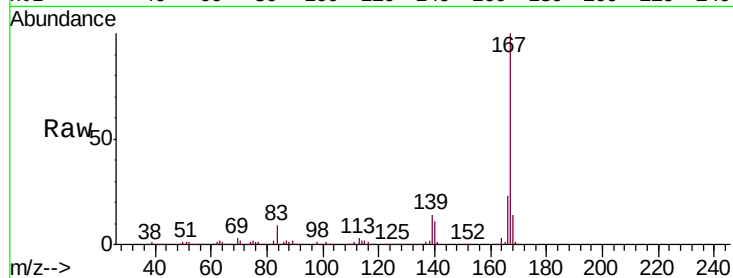




#73
 Carbazole
 Concen: 44.458 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

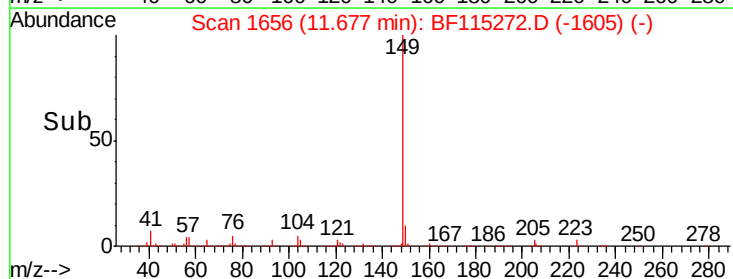
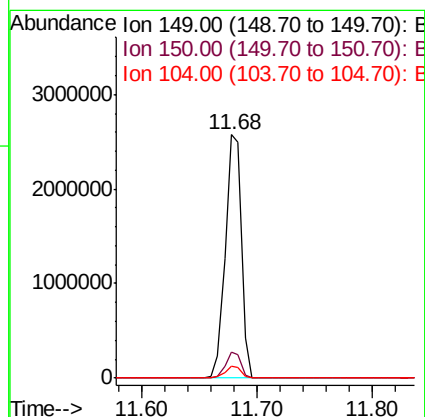
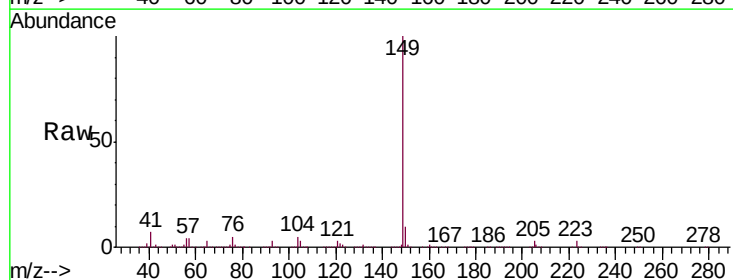
Instrument :
 BNA_F
 ClientSampled :
 PB120961BS

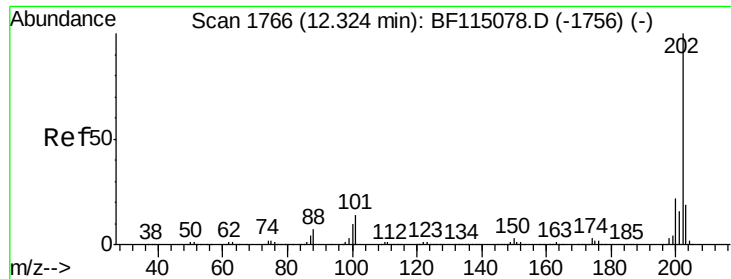
Tgt Ion:167 Resp: 2067649
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 13.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 46.141 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion:149 Resp: 2479704
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.8 11.8
 104 5.1 3.7 5.5

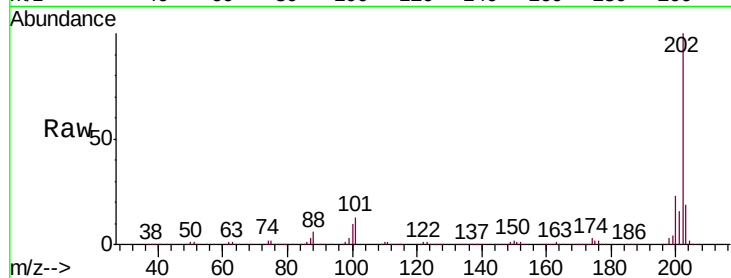




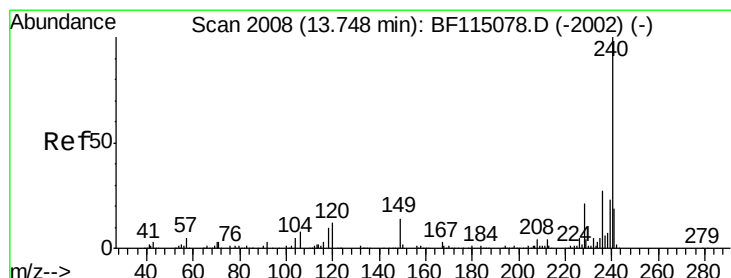
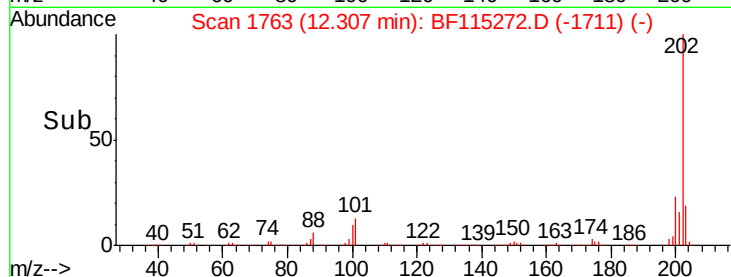
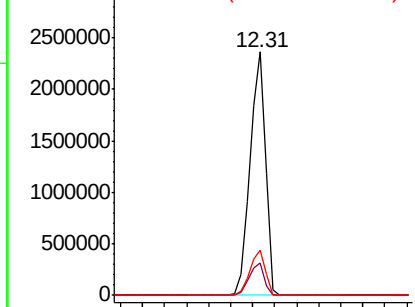
#75
 Fluoranthene
 Concen: 45.316 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BS

Tgt Ion: 202 Resp: 2332850
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 34.0
 203 18.6 0.0 38.8

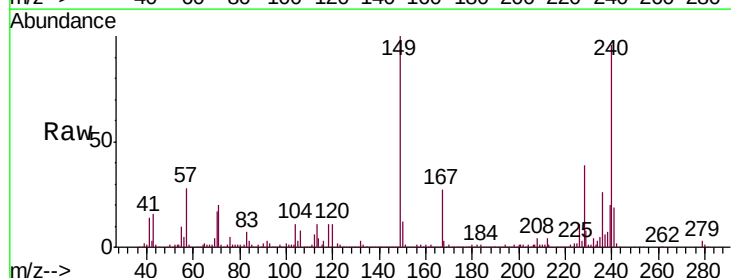


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

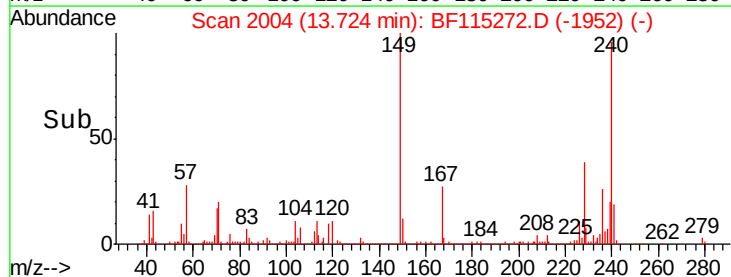
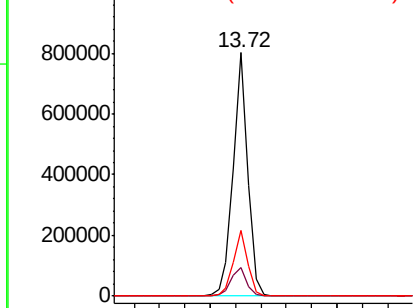


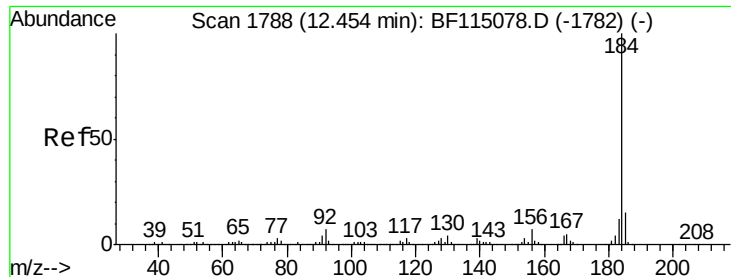
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115272.D
 Acq: 28 Jun 2019 11:09

Tgt Ion: 240 Resp: 634553
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.4 14.2
 236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.044 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

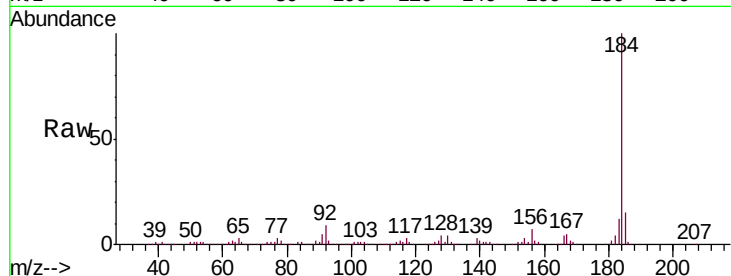
Tgt Ion:184 Resp: 790188

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

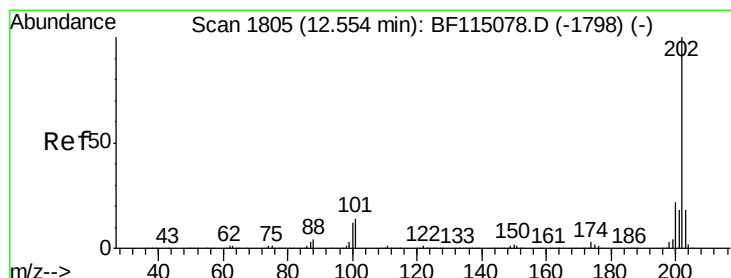
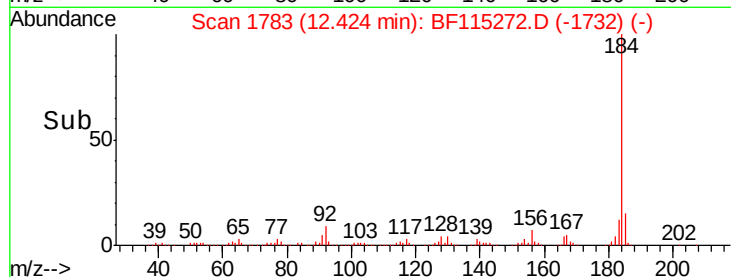
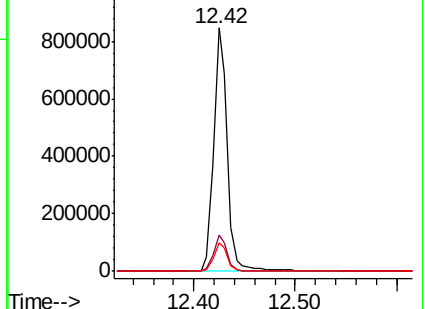
183 11.8 9.6 14.4



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: 48.368 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

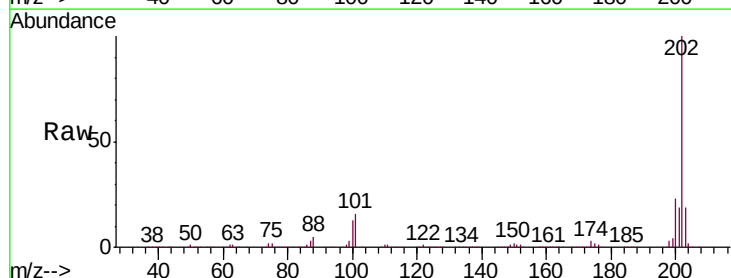
Tgt Ion:202 Resp: 2358702

Ion Ratio Lower Upper

202 100

200 23.5 17.9 26.9

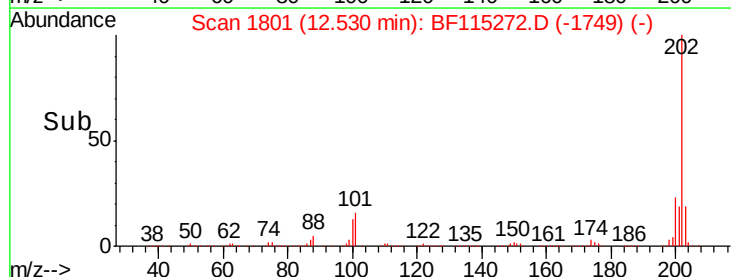
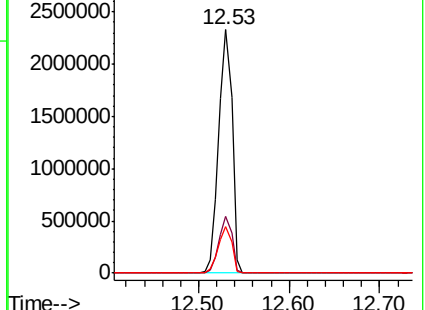
203 19.1 14.6 21.8

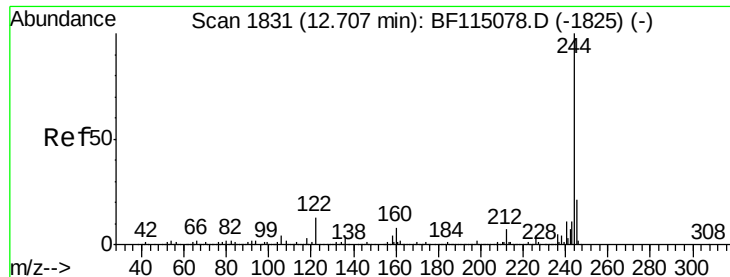


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.635 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

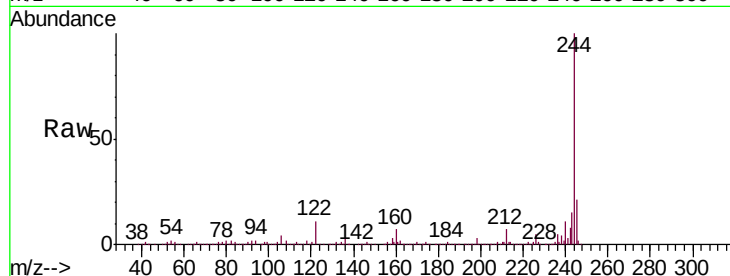
Tgt Ion:244 Resp: 2913926

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

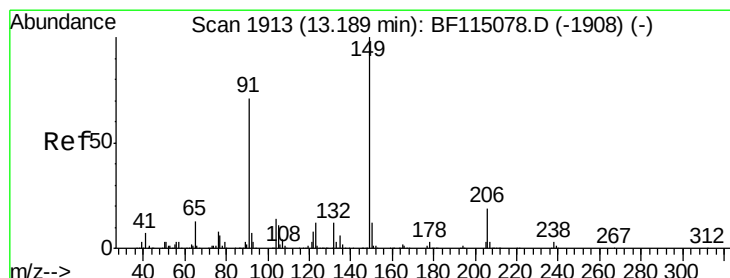
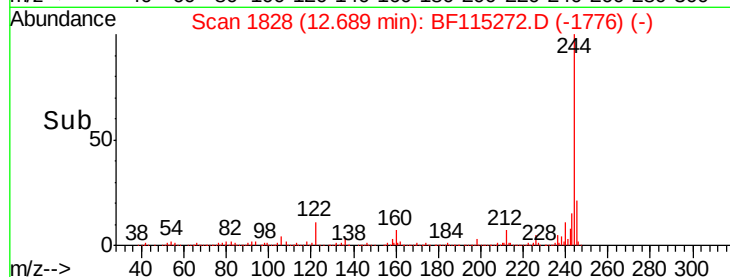
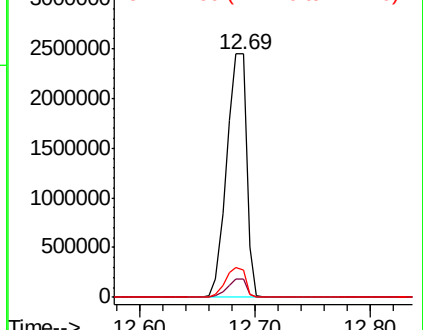
122 11.2 10.4 15.6



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: 53.480 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

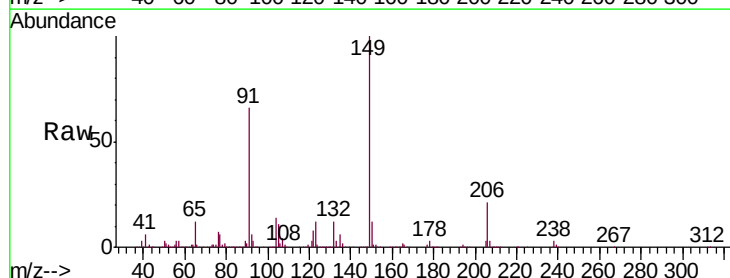
Tgt Ion:149 Resp: 1150940

Ion Ratio Lower Upper

149 100

91 66.2 56.5 84.7

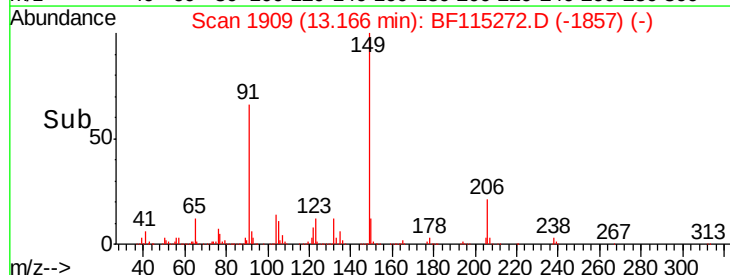
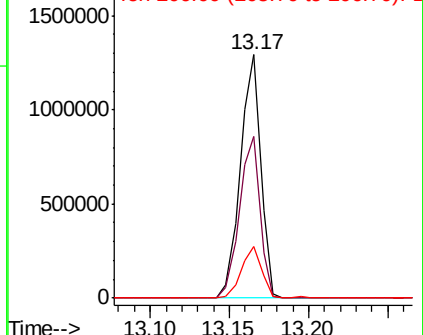
206 21.1 15.3 22.9

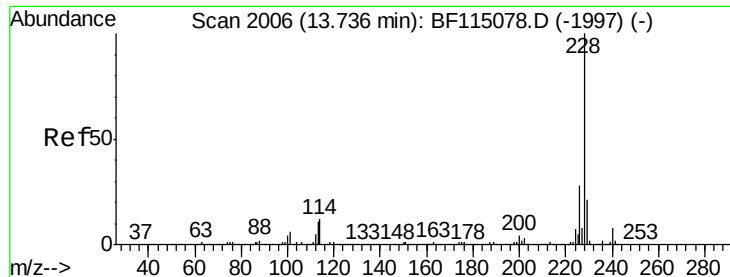


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.685 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

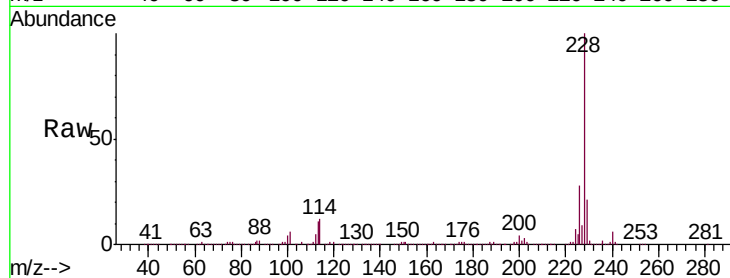
BNA_F

ClientSampleId :

PB120961BS

Tgt Ion:228 Resp: 2171159

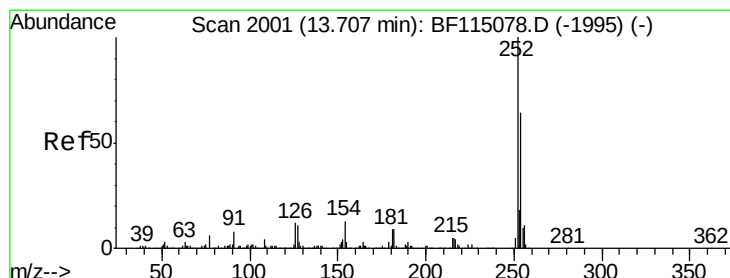
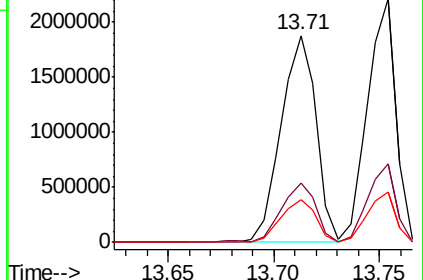
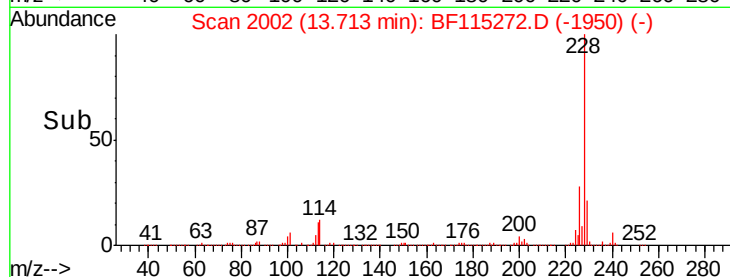
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.9	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.803 ng

RT: 13.68 min Scan# 1997

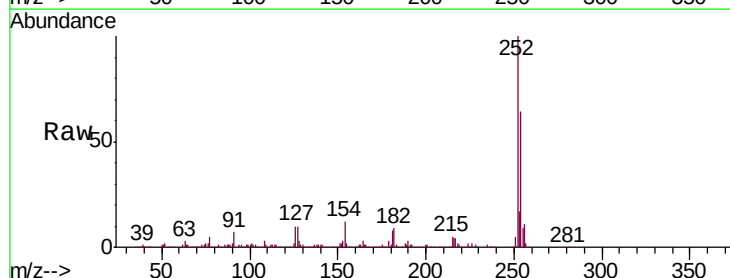
Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Tgt Ion:252 Resp: 572240

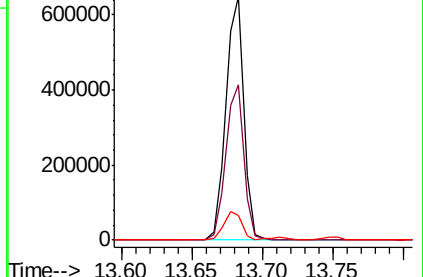
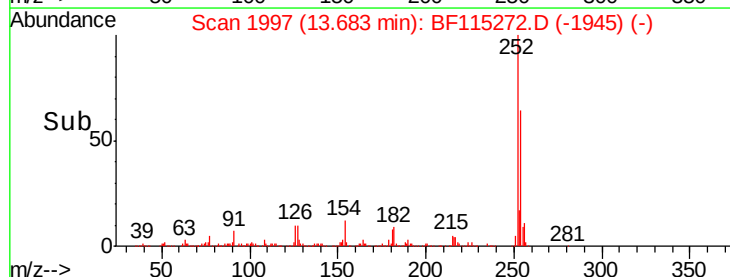
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	10.1	9.4	14.0

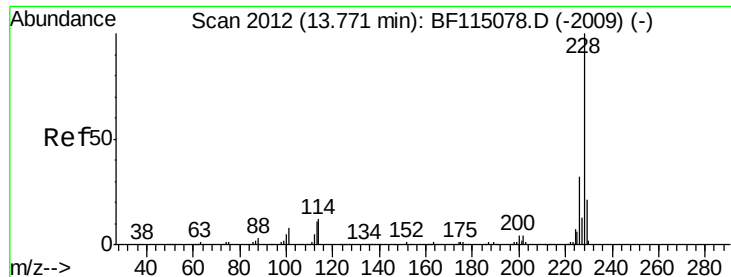


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.594 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

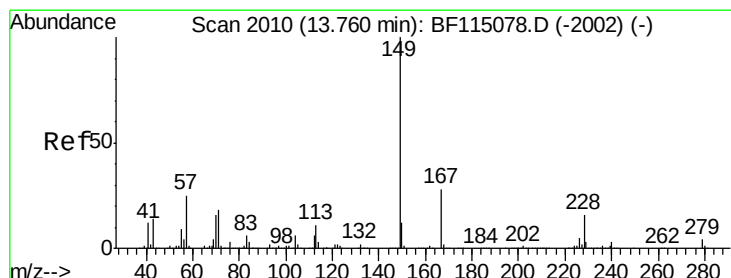
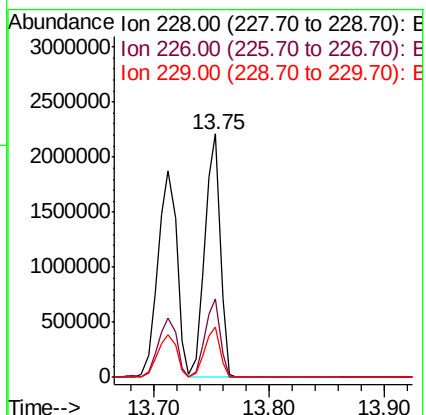
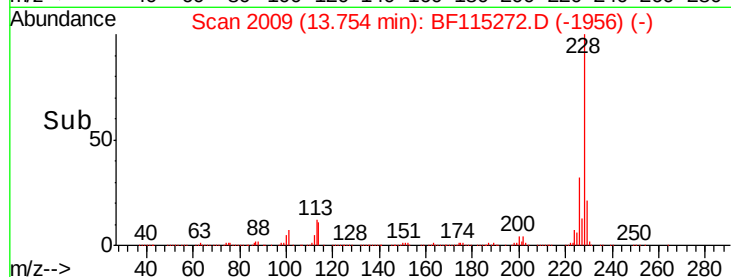
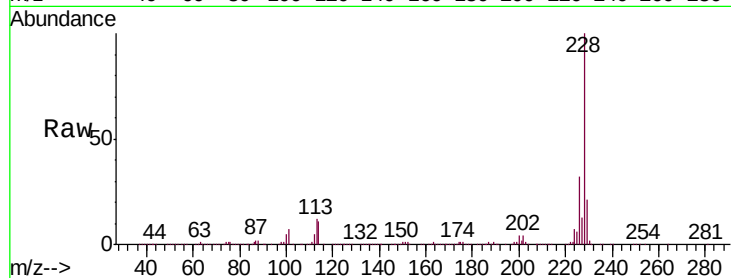
Tgt Ion:228 Resp: 2068454

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

229 20.8 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.958 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

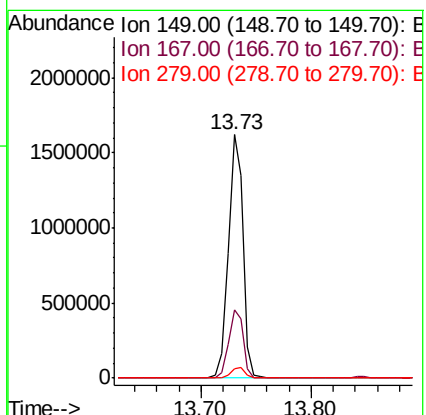
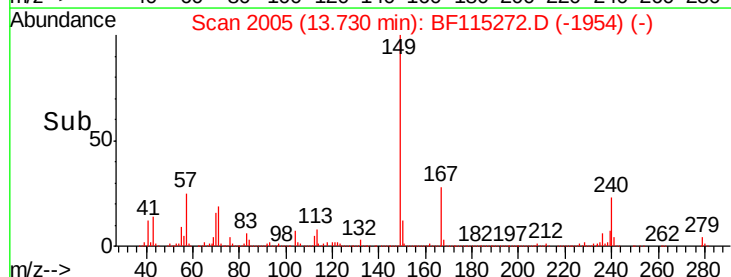
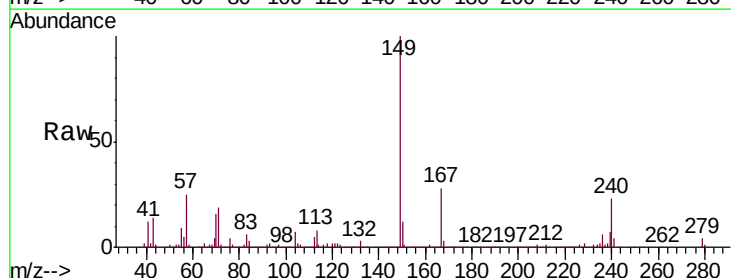
Tgt Ion:149 Resp: 1493363

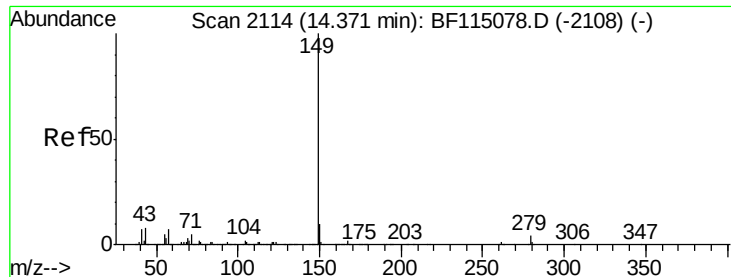
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 54.951 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

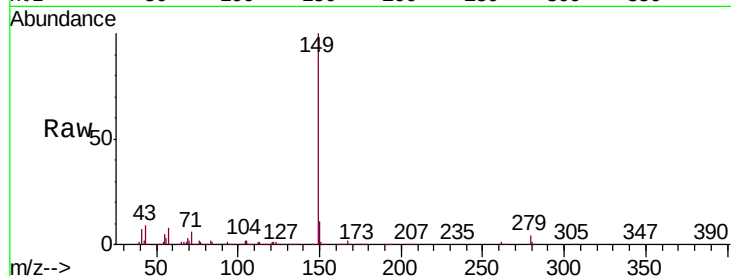
Tgt Ion:149 Resp: 2603534

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

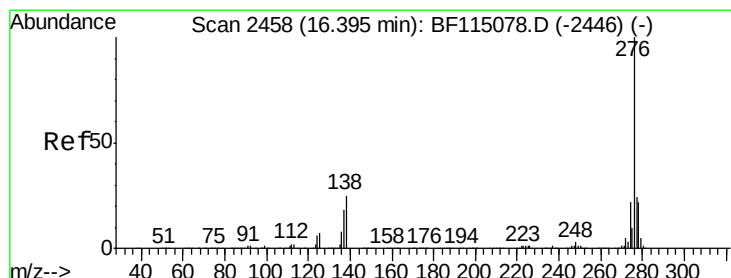
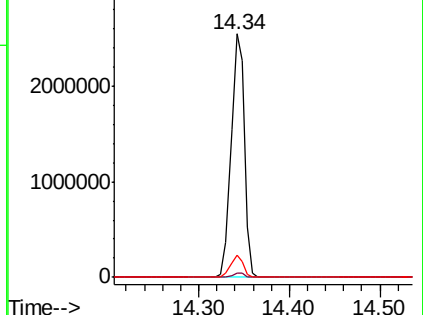
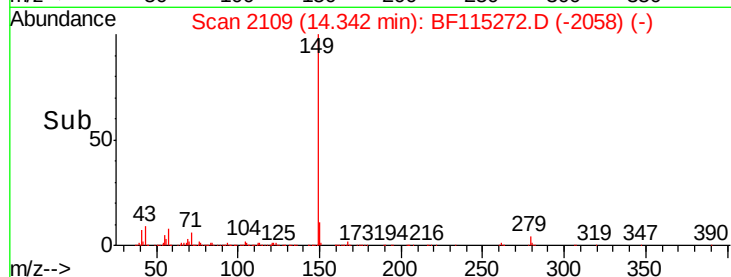
43 8.6 7.0 10.6



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: 53.536 ng

RT: 16.37 min Scan# 2454

Delta R.T. 0.02 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

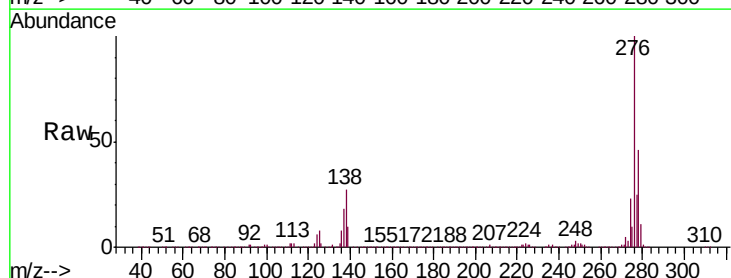
Tgt Ion:276 Resp: 2642123

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

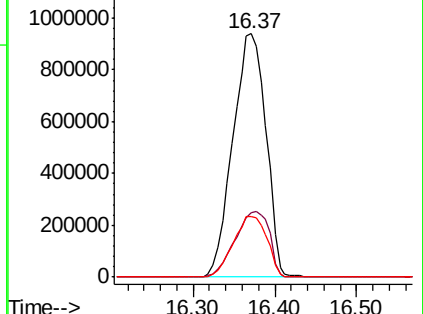
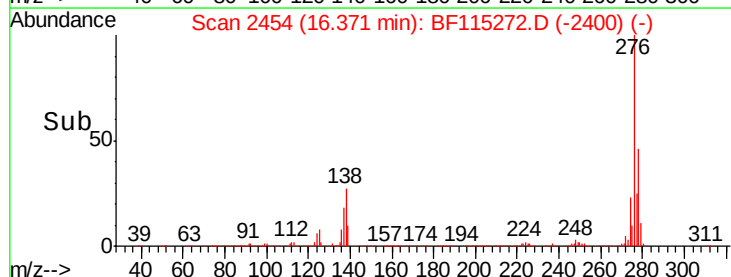
277 25.7 20.1 30.1

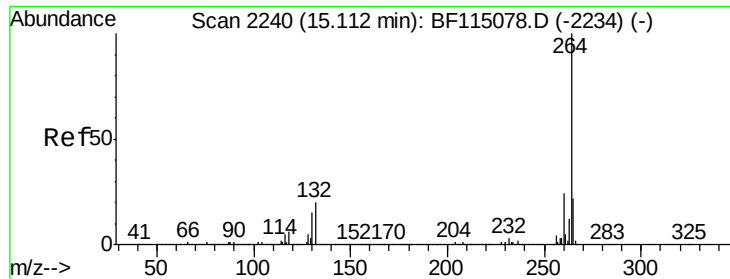


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.09 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

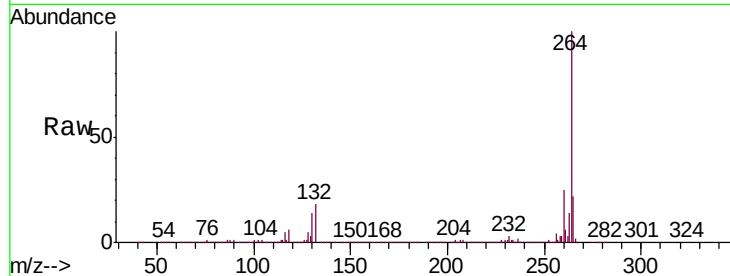
Tgt Ion:264 Resp: 807123

Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

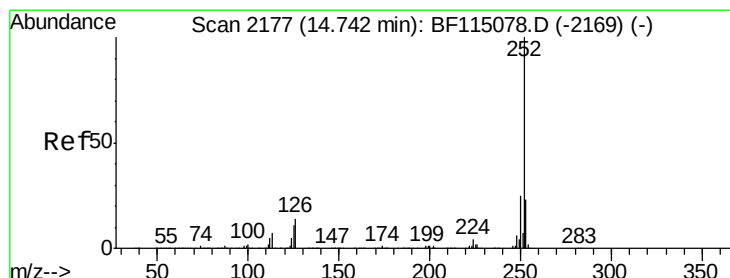
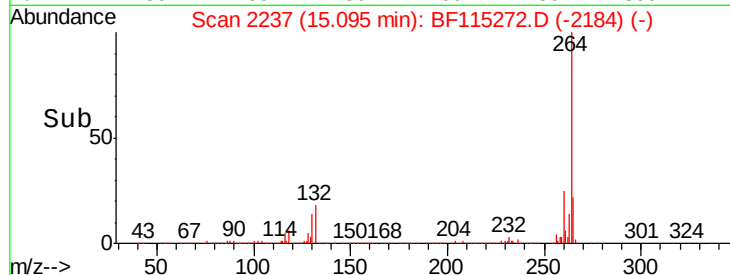
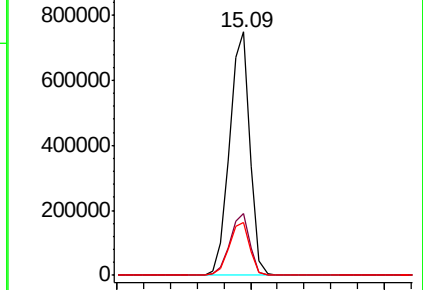
265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.635 ng

RT: 14.72 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

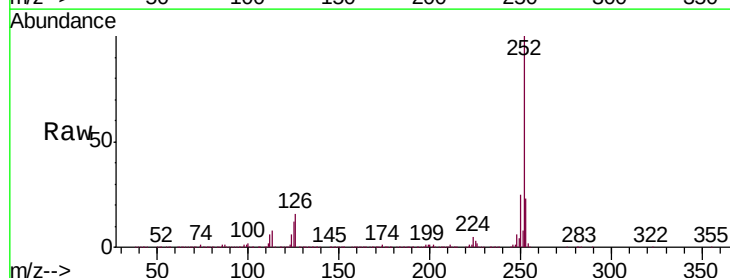
Tgt Ion:252 Resp: 2348656

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

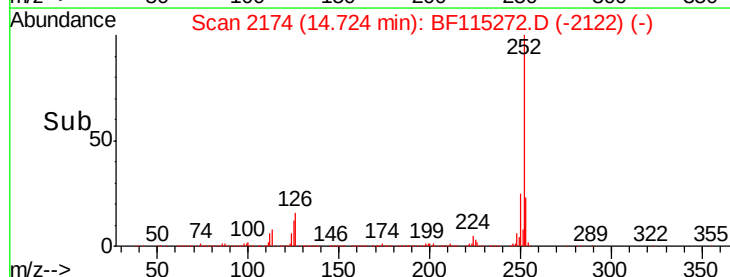
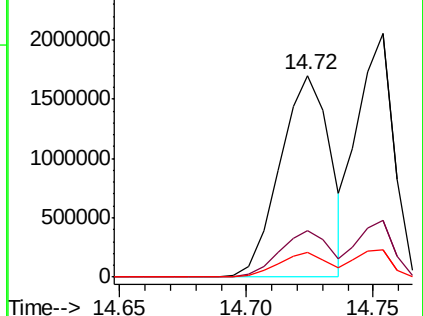
125 12.3 8.7 13.1

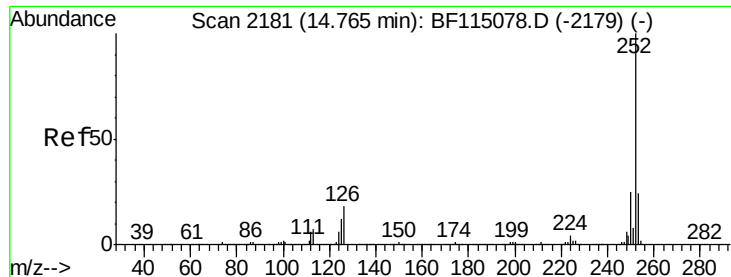


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

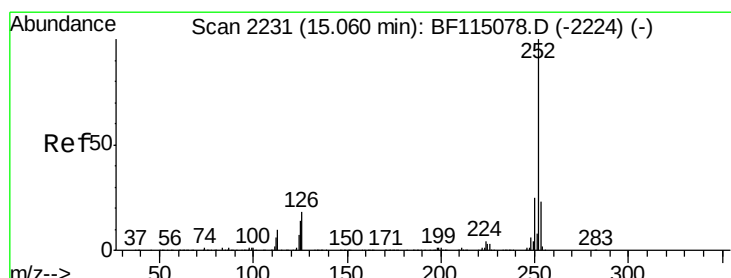
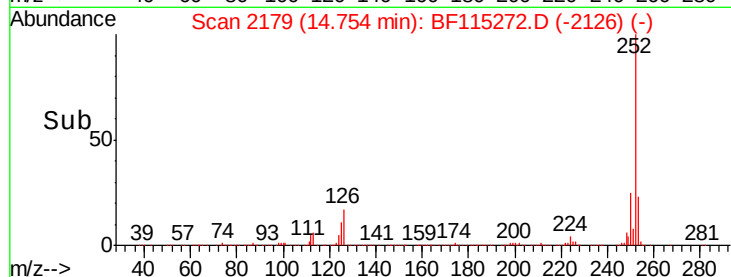
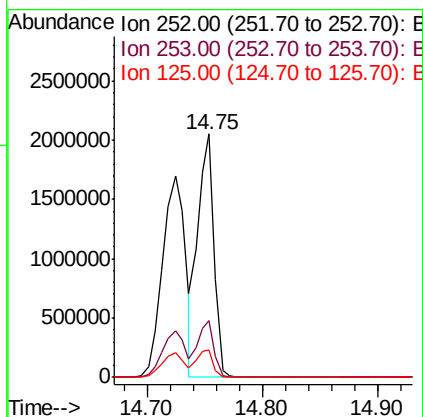
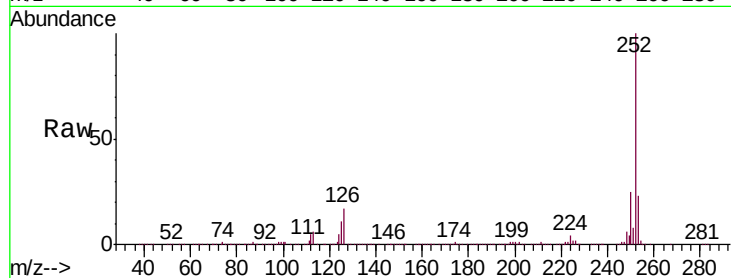




#89
Benzo(k)fluoranthene
Concen: 45.231 ng
RT: 14.75 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

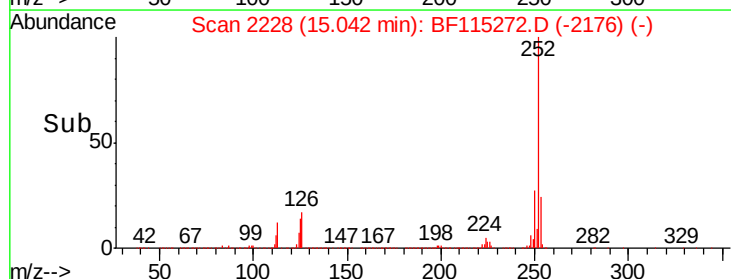
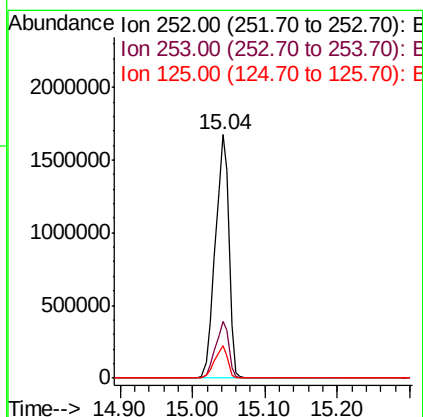
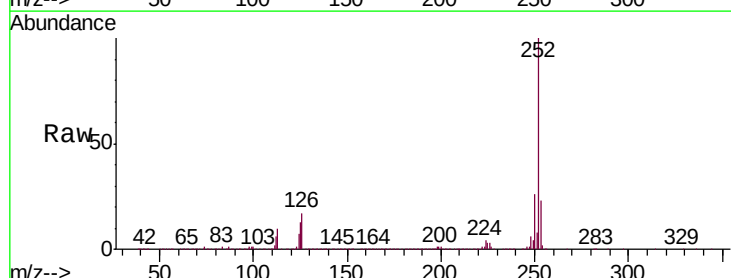
Instrument :
BNA_F
ClientSampleId :
PB120961BS

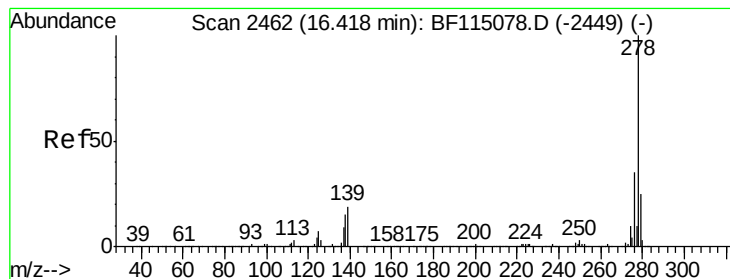
Tgt Ion:252 Resp: 2042794
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 11.3 10.2 15.2



#90
Benzo(a)pyrene
Concen: 48.092 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115272.D
Acq: 28 Jun 2019 11:09

Tgt Ion:252 Resp: 2183006
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 13.2 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 50.469 ng

RT: 16.39 min Scan# 2457

Delta R.T. 0.02 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB120961BS

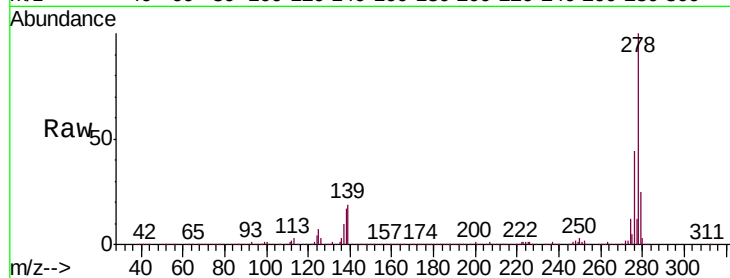
Tgt Ion:278 Resp: 2138695

Ion Ratio Lower Upper

278 100

139 18.9 15.4 23.2

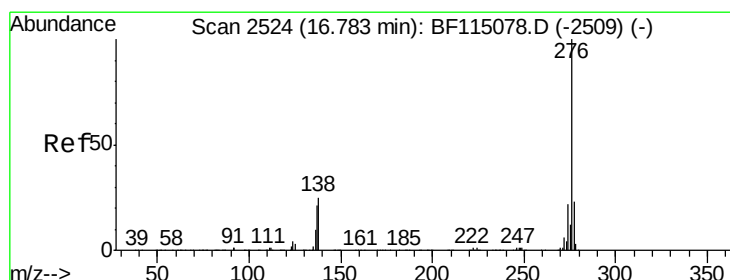
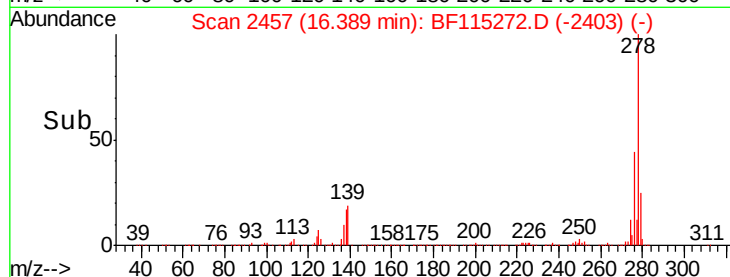
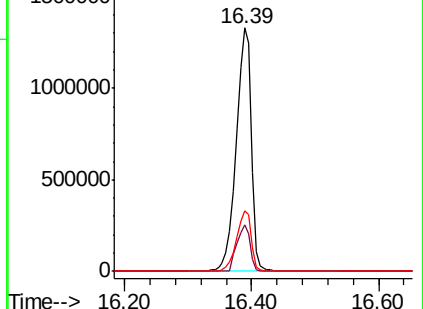
279 25.1 19.9 29.9



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: 52.807 ng

RT: 16.76 min Scan# 2520

Delta R.T. 0.02 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

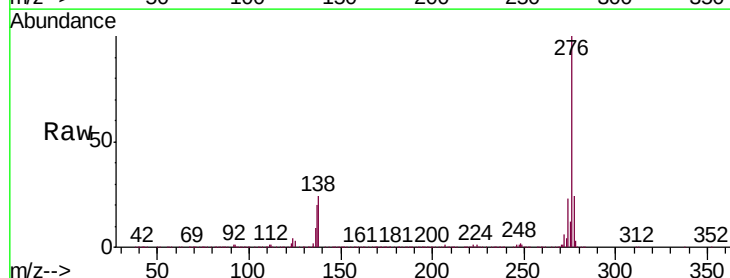
Tgt Ion:276 Resp: 2264873

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 23.8 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

