

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115086.D
 Acq On : 21 Jun 2019 19:12
 Operator : HP/JU
 Sample : PB120722BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Quant Time: Jun 22 04:54:16 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 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	263365	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1043987	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	522993	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1039127	20.00	ng	0.00
76) Chrysene-d12	13.75	240	732420	20.00	ng	0.00
87) Perylene-d12	15.11	264	772665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2061407	120.79	ng	0.02
7) Phenol-d6	6.26	99	2553018	123.25	ng	0.00
23) Nitrobenzene-d5	7.18	82	1583365	93.30	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	713273	129.33	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2838832	92.20	ng	0.00
79) Terphenyl-d14	12.71	244	3037621	88.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	282818	35.113	ng	99
3) Pyridine	2.95	79	797010	35.108	ng	99
4) n-Nitrosodimethylamine	2.90	42	349756	39.300	ng	100
6) Aniline	6.28	93	657960	23.111	ng	# 7
8) 2-Chlorophenol	6.40	128	787096	41.015	ng	98
9) Benzaldehyde	6.15	77	213104	15.769	ng	98
10) Phenol	6.27	94	933239	38.461	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	720936	40.307	ng	98
12) 1,3-Dichlorobenzene	6.55	146	835827	39.245	ng	98
13) 1,4-Dichlorobenzene	6.63	146	850753	39.835	ng	98
14) 1,2-Dichlorobenzene	6.79	146	787237	39.804	ng	98
15) Benzyl Alcohol	6.76	79	623911	41.363	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1056137	40.712	ng	99
17) 2-Methylphenol	6.88	107	675667	42.655	ng	98
18) Hexachloroethane	7.13	117	307451	39.931	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	535452	40.376	ng	99
20) 3+4-Methylphenols	7.04	107	766570	41.911	ng	# 88
22) Acetophenone	7.03	105	1058700	44.296	ng	# 98
24) Nitrobenzene	7.20	77	815295	43.606	ng	97
25) Isophorone	7.44	82	1535971	44.180	ng	99
26) 2-Nitrophenol	7.51	139	440073	47.662	ng	96
27) 2,4-Dimethylphenol	7.56	122	748293	49.498	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	948764	43.177	ng	99
29) 2,4-Dichlorophenol	7.75	162	698865	44.796	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	741814	43.047	ng	99
31) Naphthalene	7.92	128	2239078	43.692	ng	99
32) Benzoic acid	7.71	122	593533	55.002	ng	96
33) 4-Chloroaniline	7.97	127	399798	17.070	ng	99
34) Hexachlorobutadiene	8.05	225	398228	42.169	ng	99
35) Caprolactam	8.35	113	122901	23.431	ng	95
36) 4-Chloro-3-methylphenol	8.46	107	712218	45.078	ng	99
37) 2-Methylnaphthalene	8.61	142	1564813	45.287	ng	100
38) 1-Methylnaphthalene	8.71	142	1485060	45.001	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	626834	42.414	ng	99

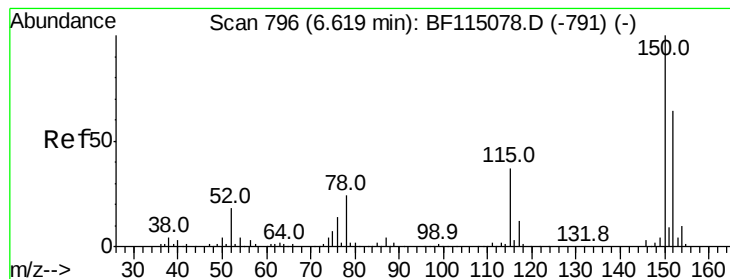
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	714787	81.566	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	526754	46.167	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	517506	44.043	ng	98
46) 1,1'-Biphenyl	9.08	154	1784688	42.648	ng	98
47) 2-Chloronaphthalene	9.10	162	1448860	42.683	ng	97
48) 2-Nitroaniline	9.19	65	432036	43.657	ng	98
49) Acenaphthylene	9.51	152	2255642	42.651	ng	99
50) Dimethylphthalate	9.39	163	1672672	43.471	ng	99
51) 2,6-Dinitrotoluene	9.44	165	399414	44.962	ng	99
52) Acenaphthene	9.68	154	1568292	47.390	ng	99
53) 3-Nitroaniline	9.60	138	297682	27.460	ng	95
54) 2,4-Dinitrophenol	9.71	184	433929	93.559	ng	96
55) Dibenzofuran	9.85	168	2001155	42.131	ng	98
56) 4-Nitrophenol	9.77	139	750602	86.367	ng	95
57) 2,4-Dinitrotoluene	9.84	165	537910	46.896	ng	# 90
58) Fluorene	10.20	166	1359652	42.650	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	455476	46.229	ng	100
60) Diethylphthalate	10.09	149	1684560	43.553	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	658104	43.576	ng	96
62) 4-Nitroaniline	10.22	138	457051	42.027	ng	99
63) Azobenzene	10.35	77	1575199	43.602	ng	96
65) 4,6-Dinitro-2-methylphenol	10.24	198	257458	46.713	ng	84
66) n-Nitrosodiphenylamine	10.31	169	1397511	43.168	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	484695	43.022	ng	98
68) Hexachlorobenzene	10.74	284	519949	42.518	ng	98
69) Atrazine	10.84	200	456779	43.862	ng	99
70) Pentachlorophenol	10.93	266	632615	81.202	ng	98
71) Phenanthrene	11.15	178	2258083	40.360	ng	100
72) Anthracene	11.20	178	2289434	40.538	ng	98
73) Carbazole	11.35	167	2124341	42.124	ng	99
74) Di-n-butylphthalate	11.70	149	2532382	43.455	ng	98
75) Fluoranthene	12.32	202	2371757	42.488	ng	99
77) Benzidine	12.45	184	519583	15.976	ng	99
78) Pyrene	12.55	202	2399033	42.622	ng	98
80) Butylbenzylphthalate	13.19	149	1162590	46.803	ng	97
81) Benzo(a)anthracene	13.74	228	2216816	42.182	ng	98
82) 3,3'-Dichlorobenzidine	13.71	252	527977	27.820	ng	97
83) Chrysene	13.78	228	1995535	41.453	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1485567	45.642	ng	99
85) Di-n-octyl phthalate	14.37	149	2609306	47.714	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2571298	45.139	ng	100
88) Benzo(b)fluoranthene	14.74	252	2491139	51.670	ng	98
89) Benzo(k)fluoranthene	14.77	252	1952486	45.159	ng	100
90) Benzo(a)pyrene	15.06	252	2221327	51.119	ng	100
91) Dibenzo(a,h)anthracene	16.42	278	2102634	51.831	ng	100
92) Benzo(g,h,i)perylene	16.78	276	2169486	52.839	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.01 min

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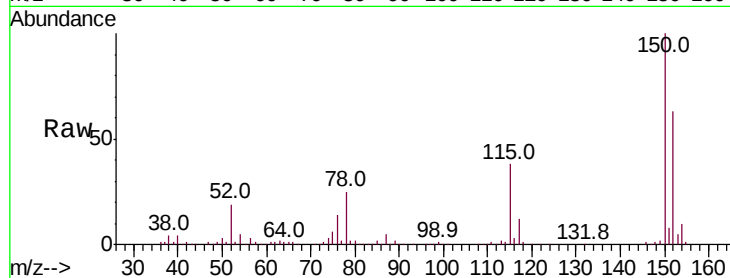
Tot Ion:152 Resp: 263365

Ion Ratio Lower Upper

152 100

150 157.9 124.2 186.2

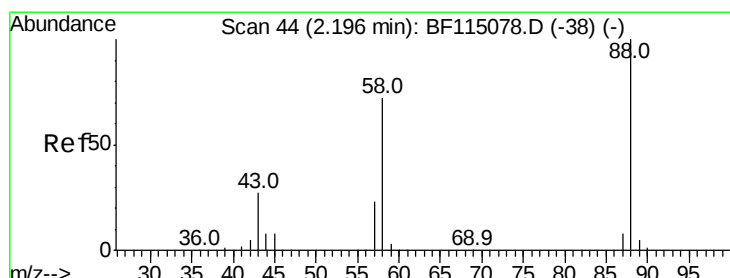
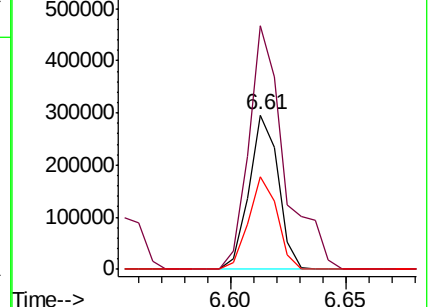
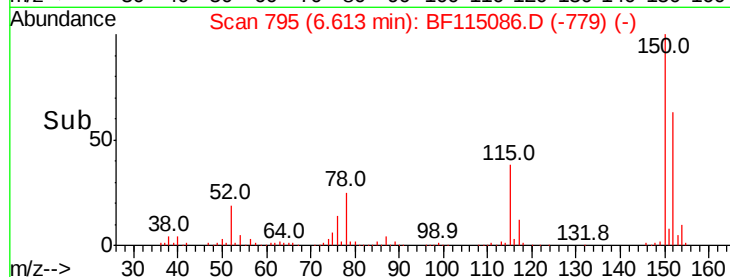
115 59.6 46.1 69.1



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: 35.113 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.11 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

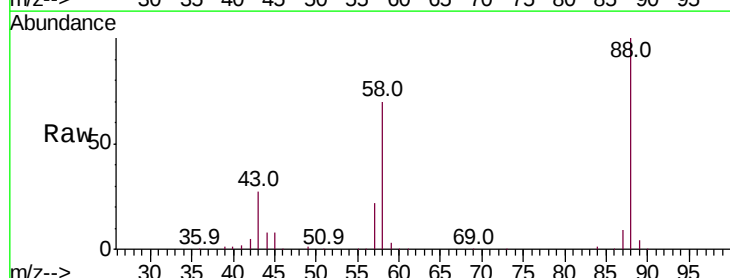
Tgt Ion: 88 Resp: 282818

Ion Ratio Lower Upper

88 100

58 69.7 56.1 84.1

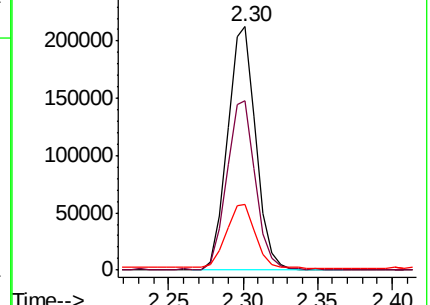
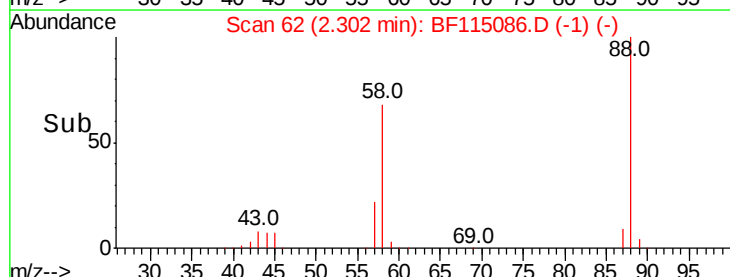
43 27.5 21.3 31.9

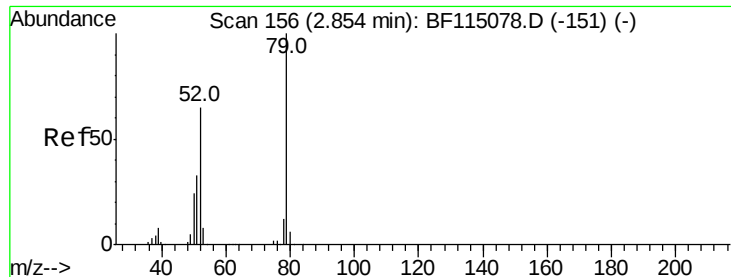


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.108 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.09 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

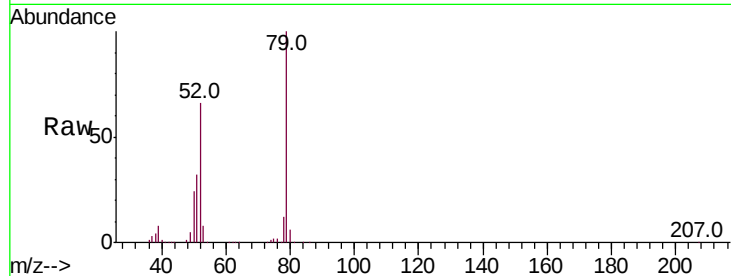
Tot Ion: 79 Resp: 797010

Ion Ratio Lower Upper

79 100

52 65.9 52.3 78.5

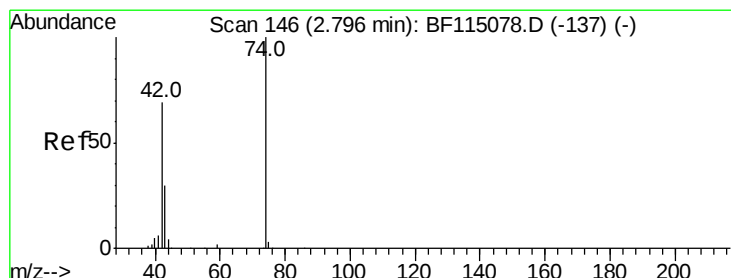
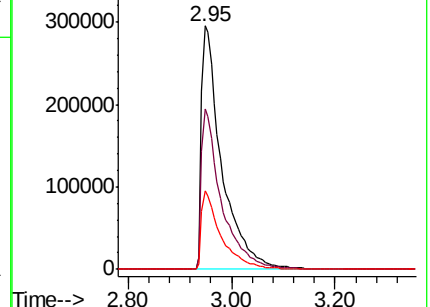
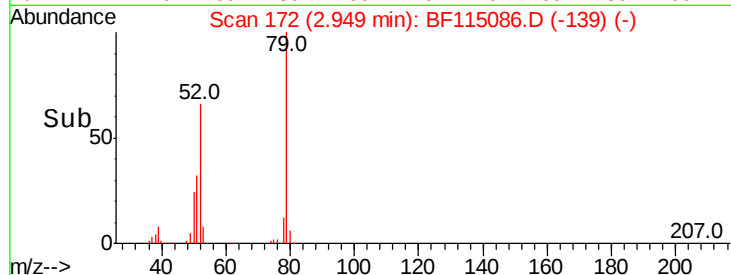
51 32.0 26.1 39.1



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: 39.300 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.10 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

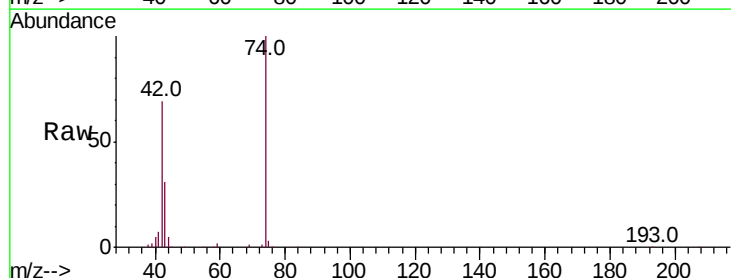
Tgt Ion: 42 Resp: 349756

Ion Ratio Lower Upper

42 100

74 145.3 116.6 175.0

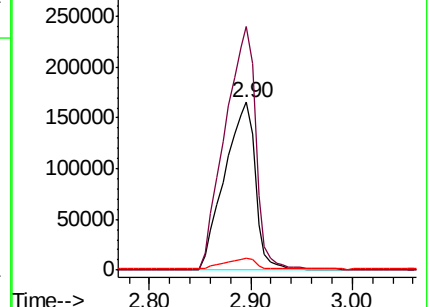
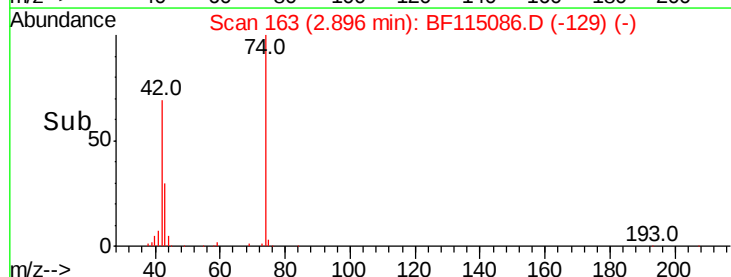
44 7.4 5.3 7.9

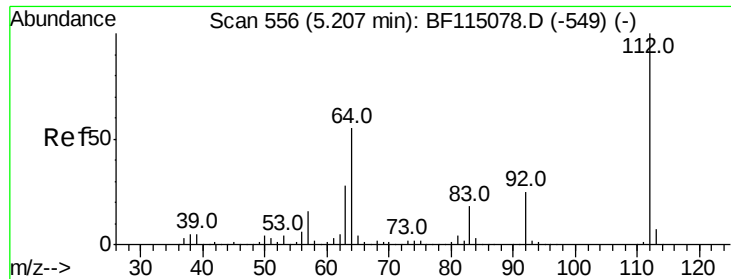


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.787 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

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ClientSampleId :

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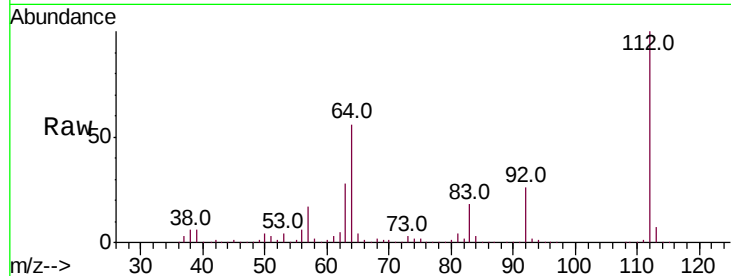
Tot Ion:112 Resp: 2061407

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

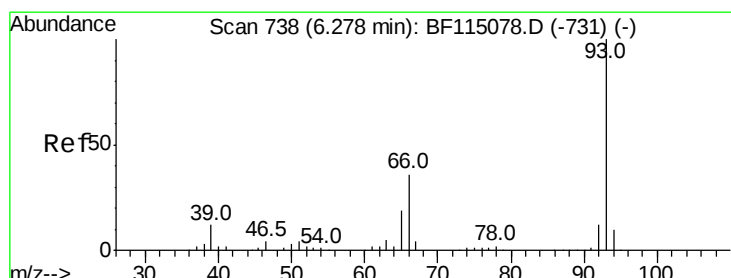
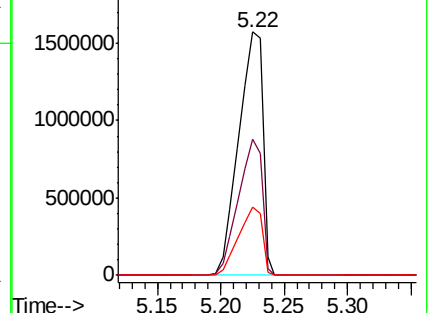
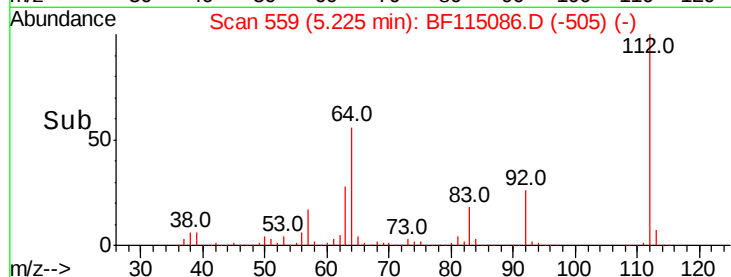
63 28.3 22.2 33.4



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: 23.111 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

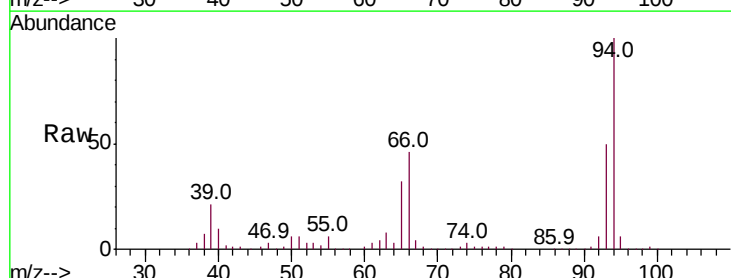
Tgt Ion: 93 Resp: 657960

Ion Ratio Lower Upper

93 100

66 92.6 30.0 45.0#

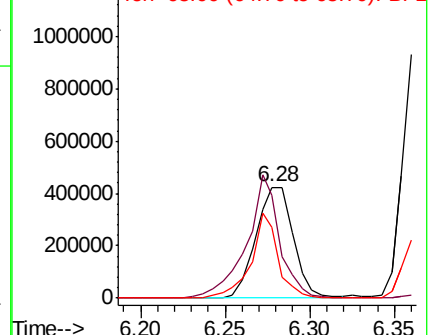
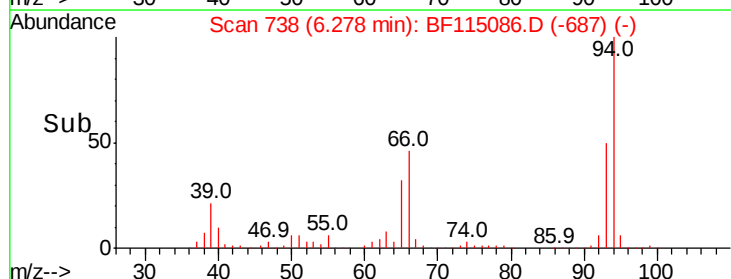
65 63.2 15.6 23.4#

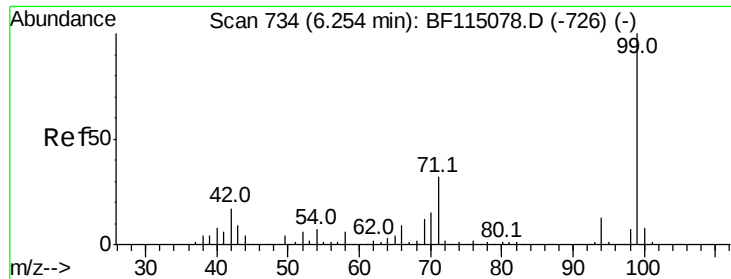


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.248 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115086.D

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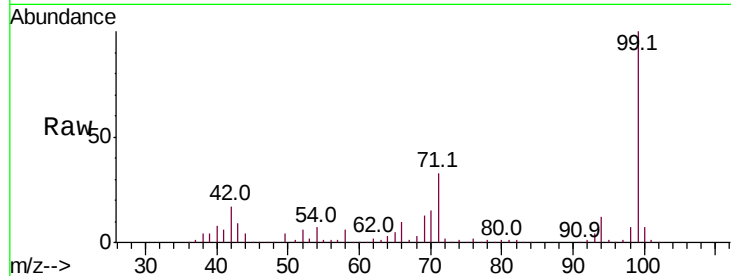
Tot Ion: 99 Resp: 2553018

Ion Ratio Lower Upper

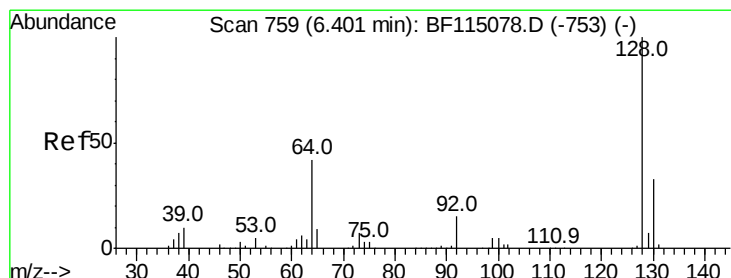
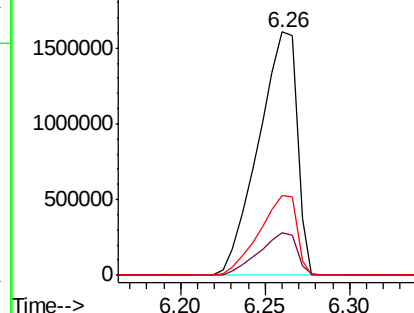
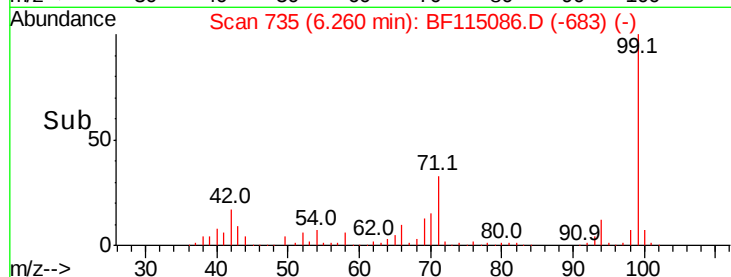
99 100

42 17.3 13.6 20.4

71 33.0 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: 41.015 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

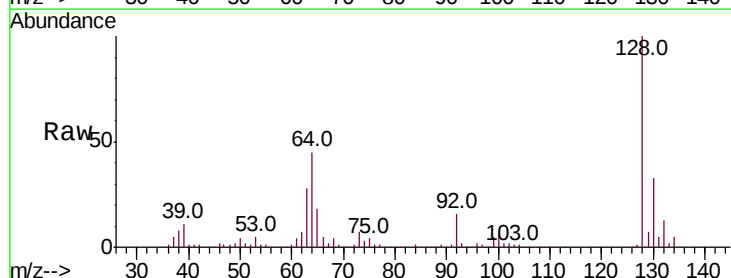
Tgt Ion:128 Resp: 787096

Ion Ratio Lower Upper

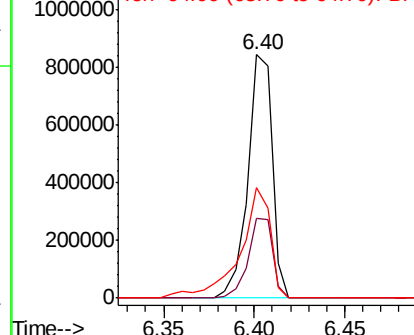
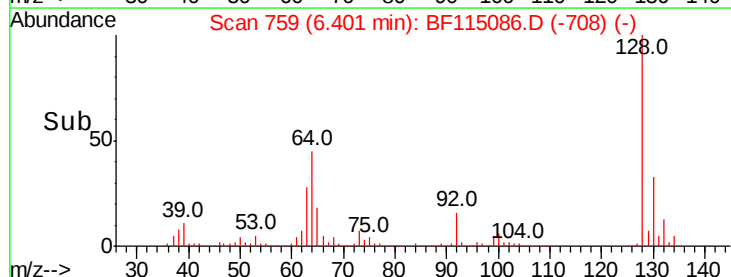
128 100

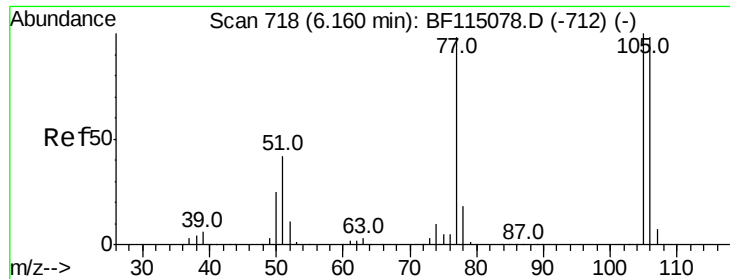
130 32.8 12.9 52.9

64 45.3 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: 15.769 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115086.D

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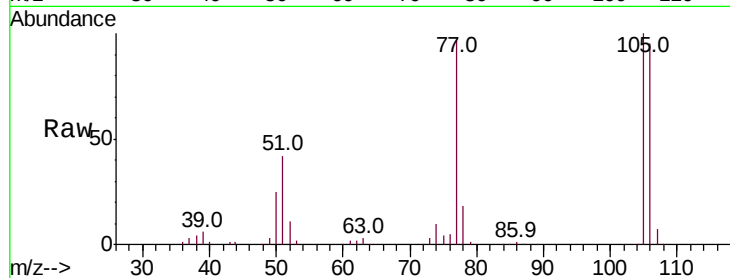
Tot Ion: 77 Resp: 213104

Ion Ratio Lower Upper

77 100

105 103.5 81.5 121.5

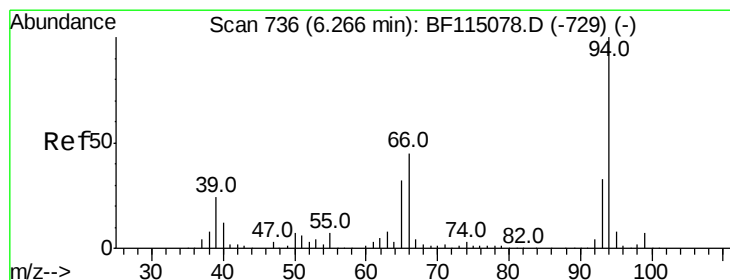
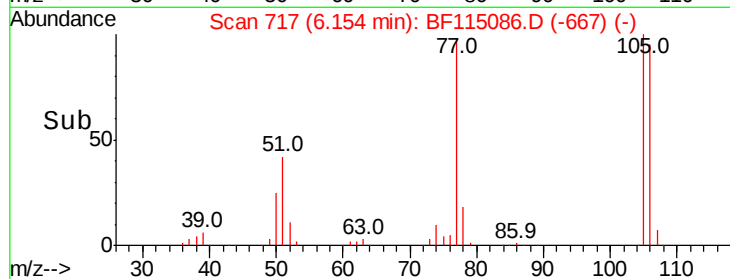
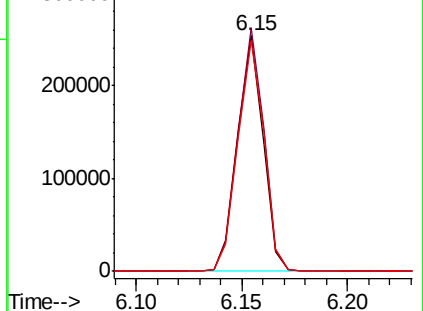
106 98.0 79.7 119.7



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: 38.461 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

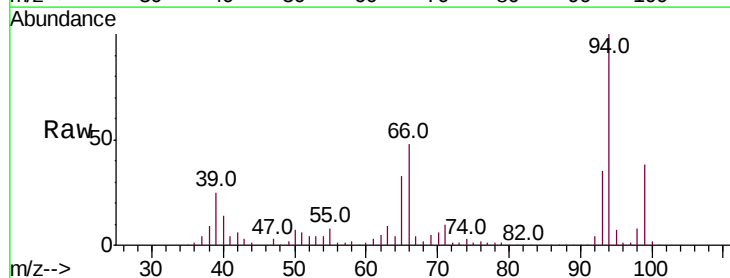
Tgt Ion: 94 Resp: 933239

Ion Ratio Lower Upper

94 100

65 32.9 11.9 51.9

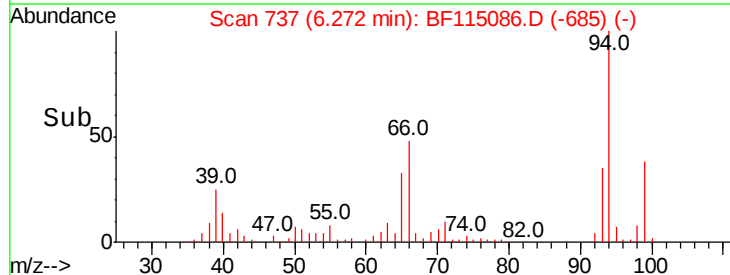
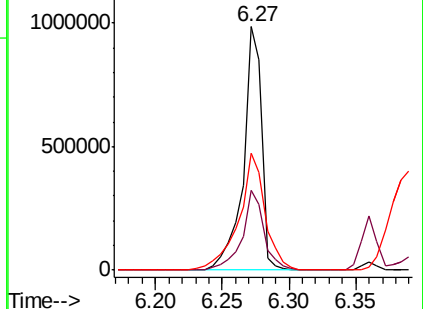
66 47.8 25.2 65.2

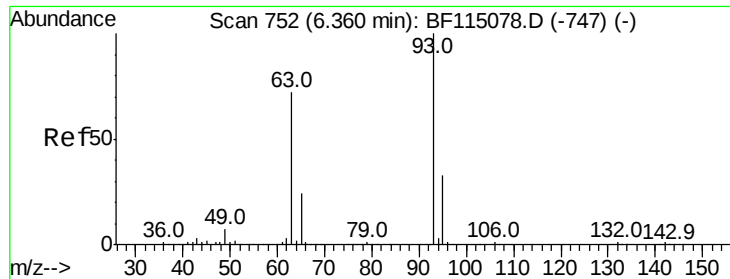


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

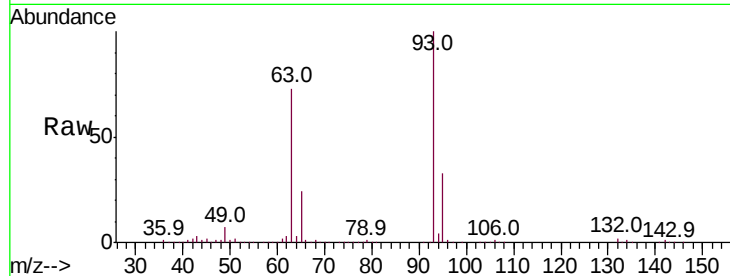




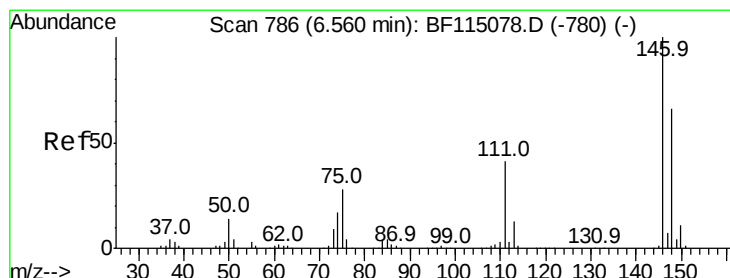
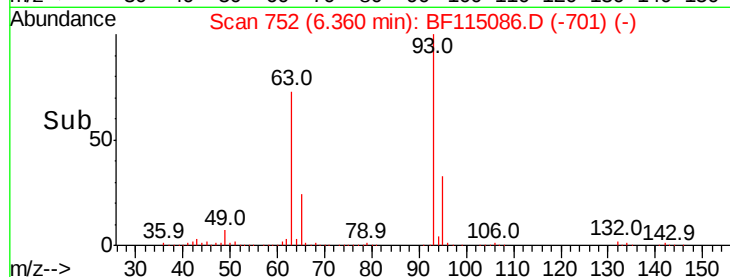
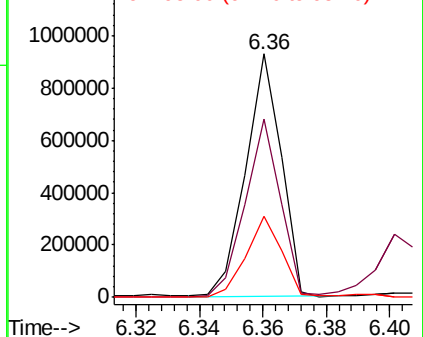
#11
bis(2-Chloroethyl)ether
Concen: 40.307 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion: 93 Resp: 720936
Ion Ratio Lower Upper
93 100
63 73.4 51.5 91.5
95 33.1 13.4 53.4

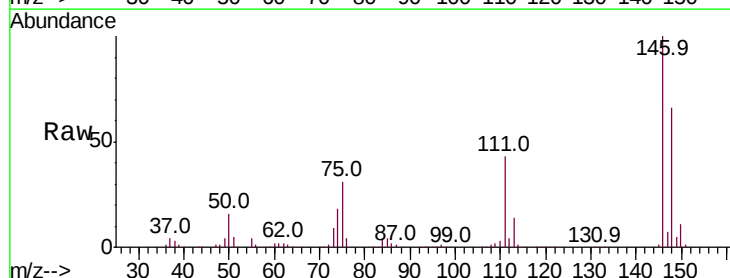


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

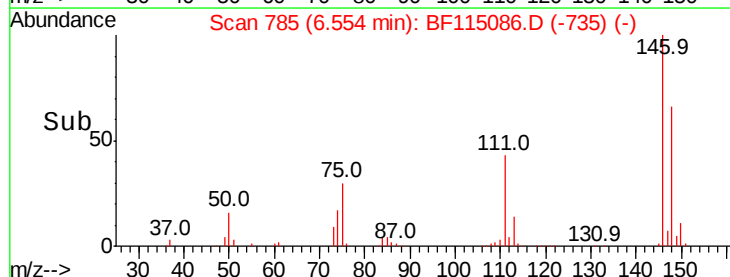
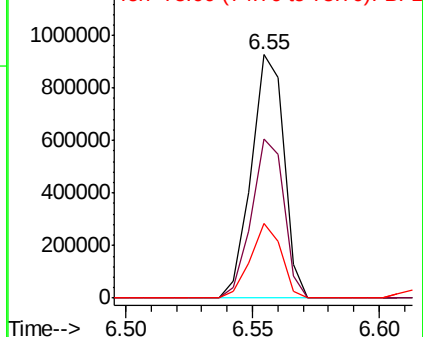


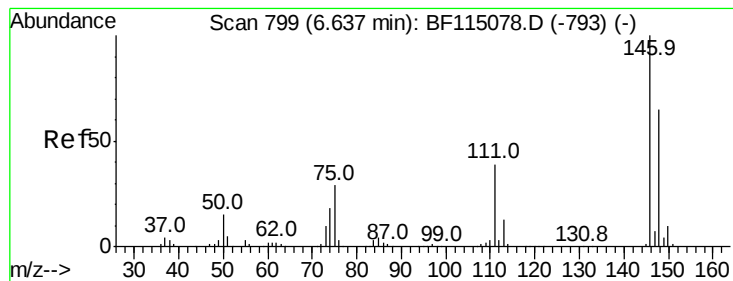
#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion: 146 Resp: 835827
Ion Ratio Lower Upper
146 100
148 65.5 52.6 78.8
75 30.8 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: 39.835 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

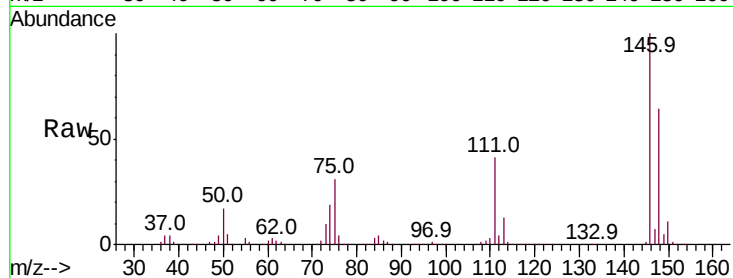
Tot Ion:146 Resp: 850753

Ion Ratio Lower Upper

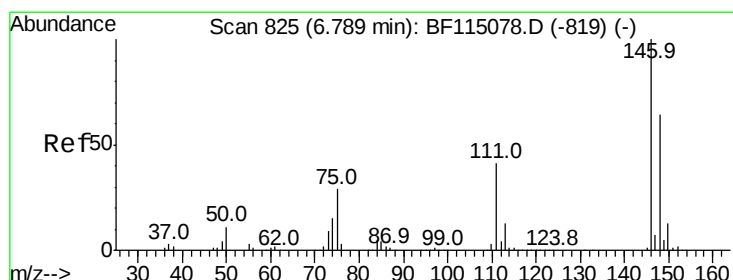
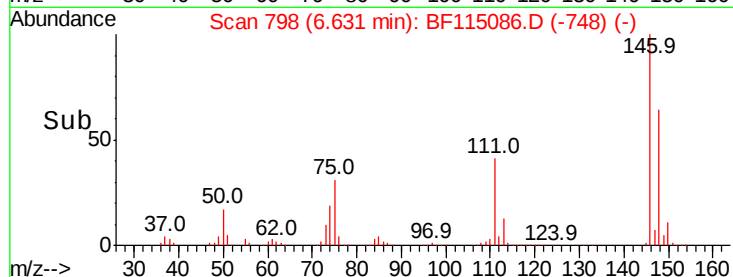
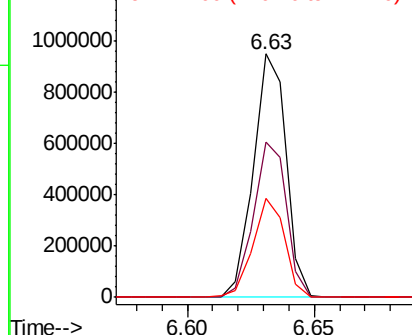
146 100

148 63.6 51.9 77.9

111 40.9 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: 39.804 ng

RT: 6.79 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

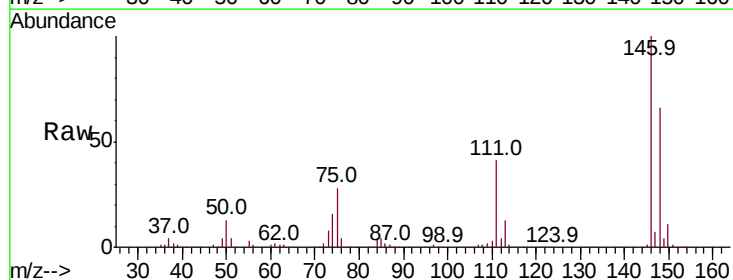
Tgt Ion:146 Resp: 787237

Ion Ratio Lower Upper

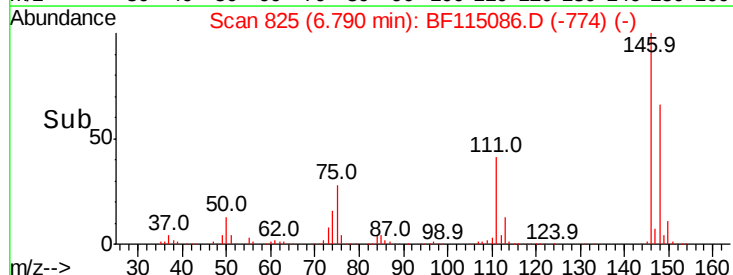
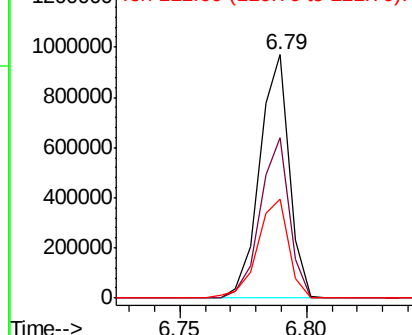
146 100

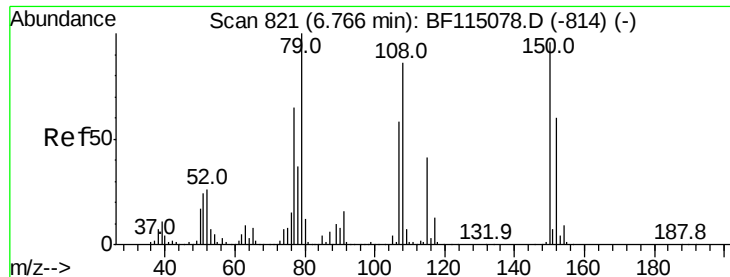
148 66.0 51.1 76.7

111 40.8 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: 41.363 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

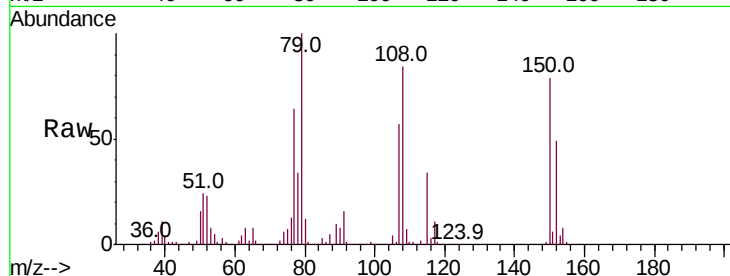
Tot Ion: 79 Resp: 623911

Ion Ratio Lower Upper

79 100

108 84.3 68.7 103.1

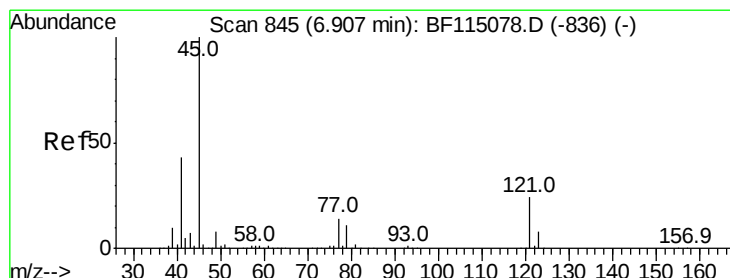
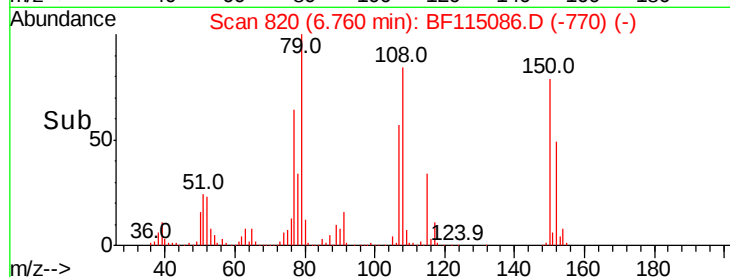
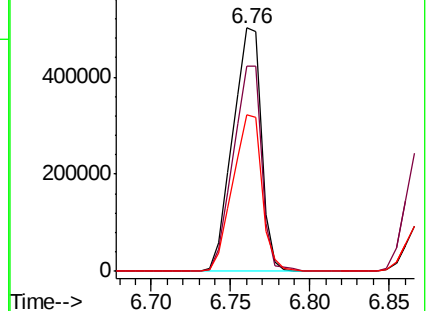
77 64.1 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.712 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

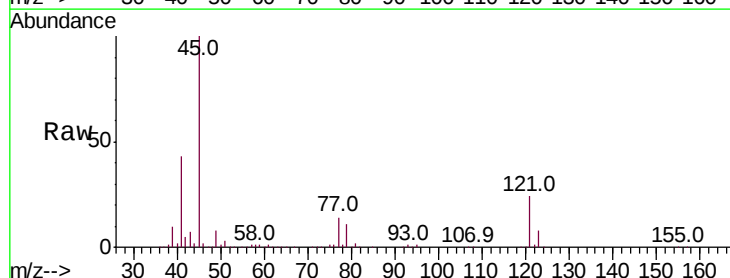
Tgt Ion: 45 Resp: 1056137

Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.6

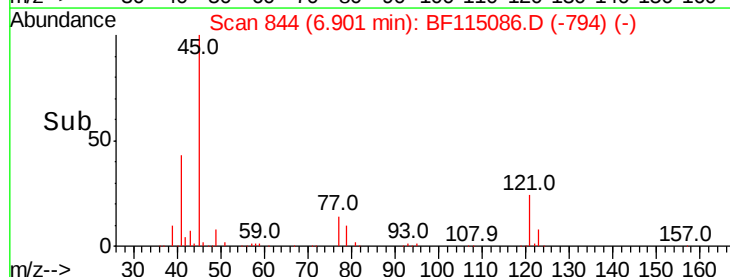
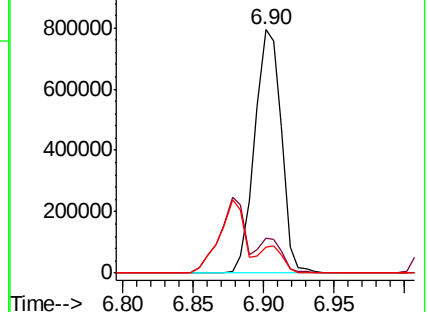
79 10.9 0.0 31.2

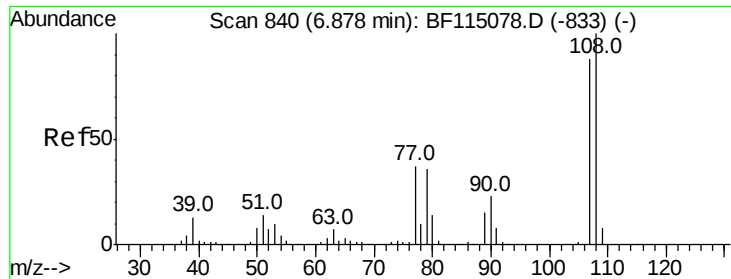


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

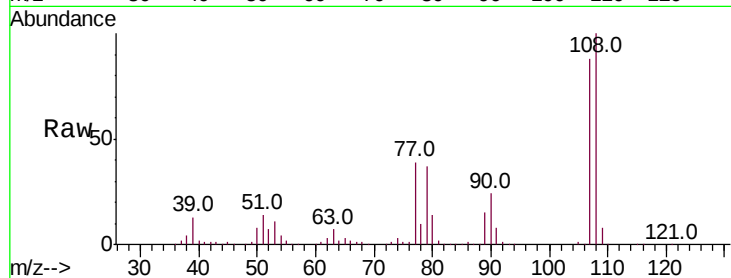




#17
2-Methylphenol
Concen: 42.655 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleID :
PB120722BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.9	136.3
77	44.0	33.4	50.2
79	42.1	32.3	48.5



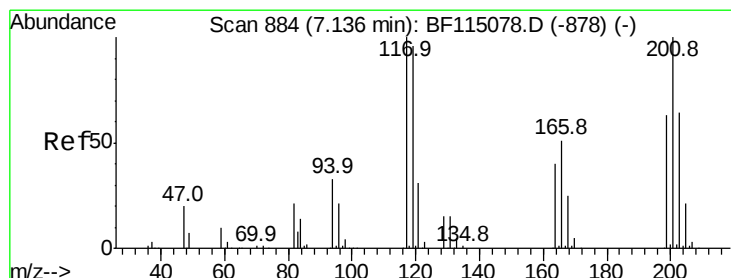
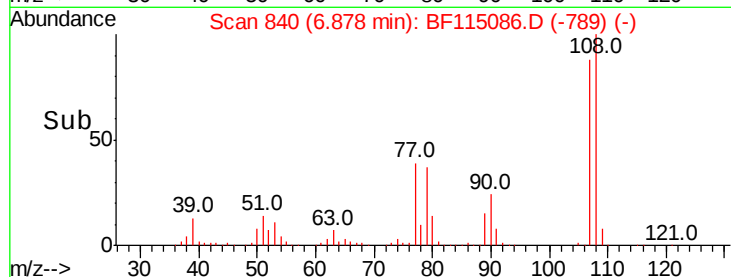
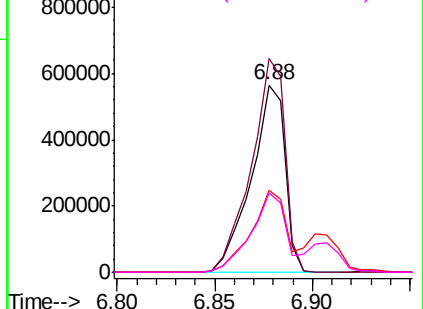
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

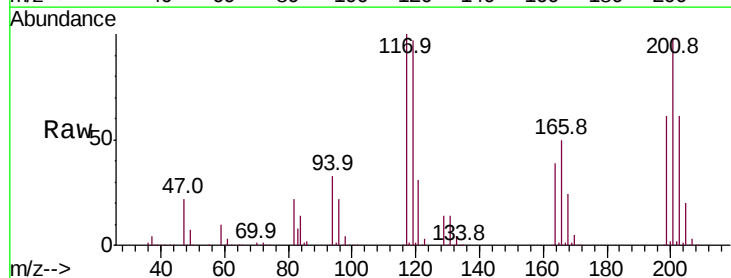
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.931 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	114.8
201	97.9	80.2	120.2

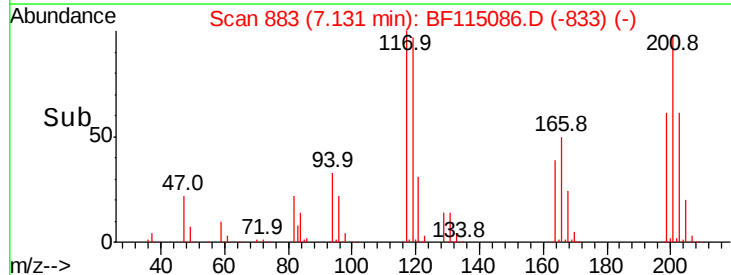
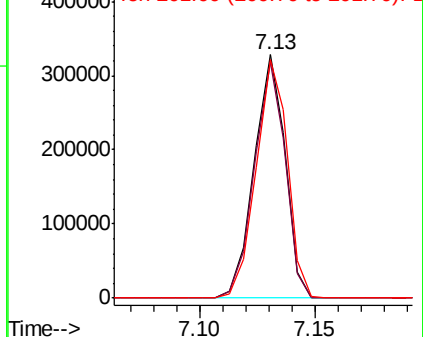


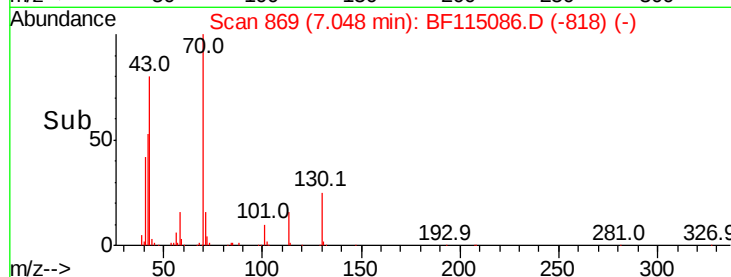
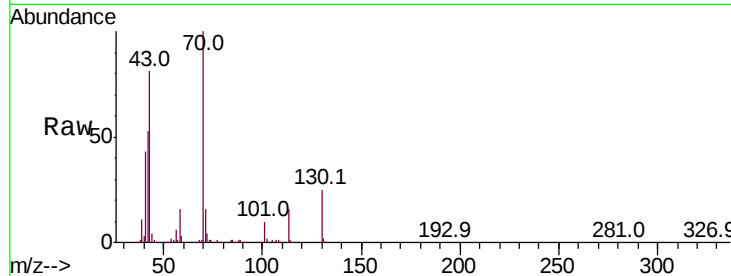
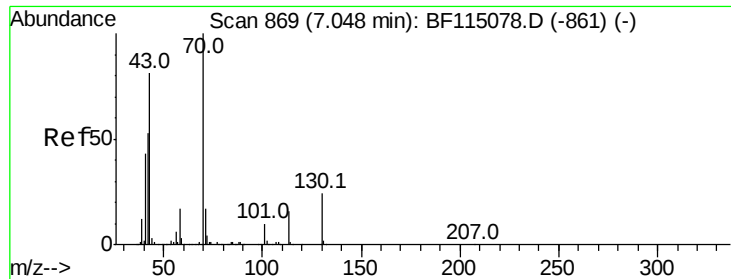
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

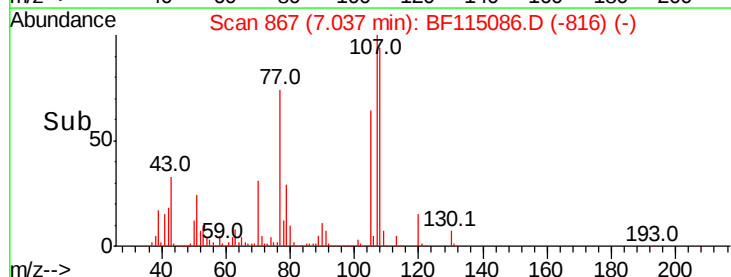
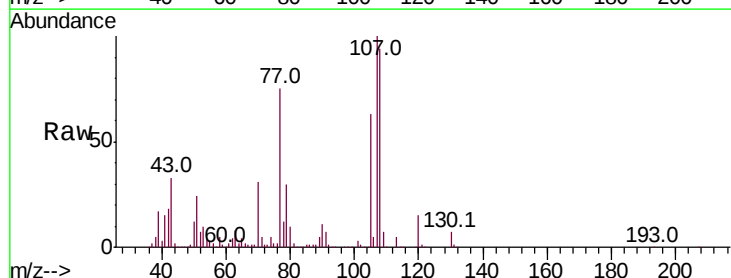
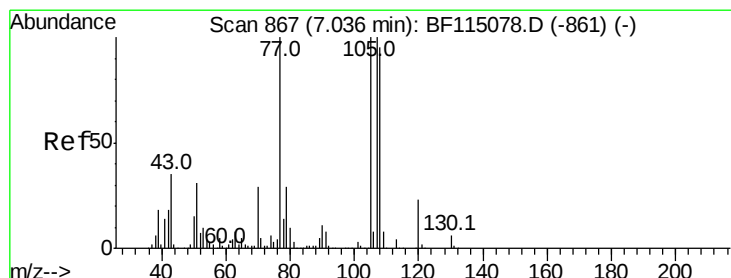
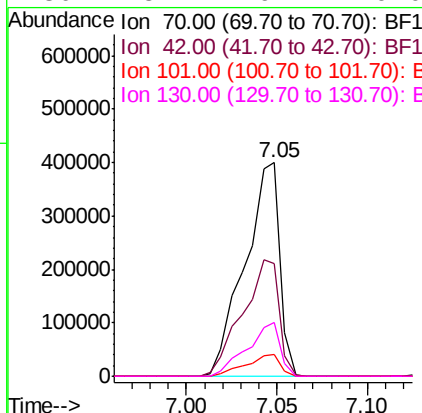




#19
n-Nitroso-di-n-propylamine
Concen: 40.376 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

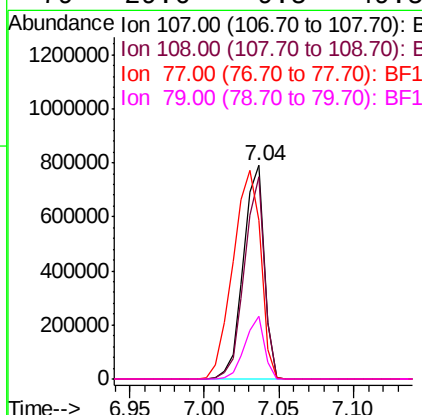
Instrument :
BNA_F
ClientSampleId :
PB120722BS

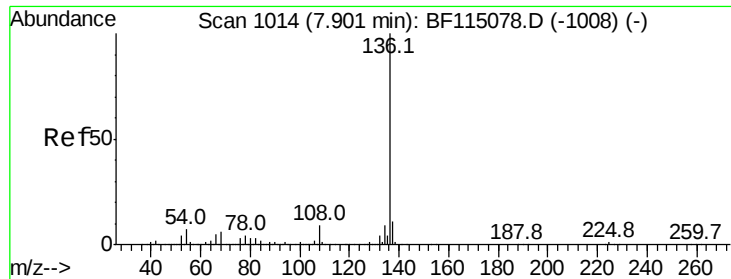
Tot Ion:	70	Resp:	535452
Ion	Ratio	Lower	Upper
70	100		
42	52.9	42.6	63.8
101	10.3	8.0	12.0
130	25.1	19.4	29.0



#20
3+4-Methylphenols
Concen: 41.911 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:	107	Resp:	766570
Ion	Ratio	Lower	Upper
107	100		
108	94.5	75.5	115.5
77	74.6	80.2	120.2
79	29.6	9.5	49.5

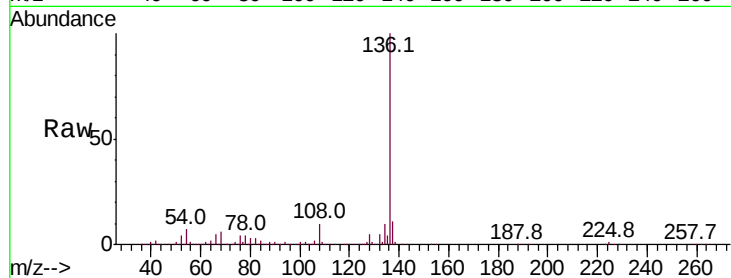




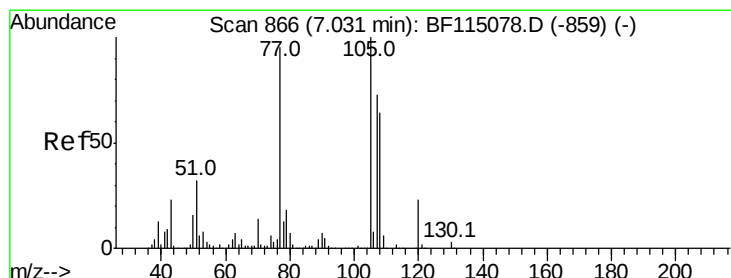
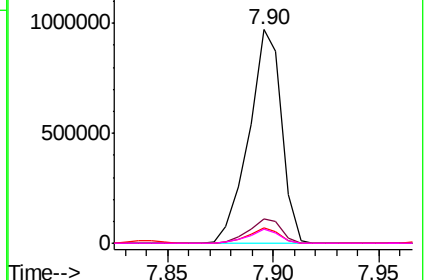
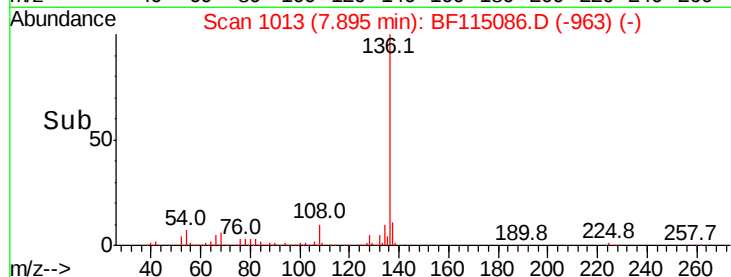
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:136	Resp: 1043987
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.2	5.6 8.4
68 6.4	4.8 7.2

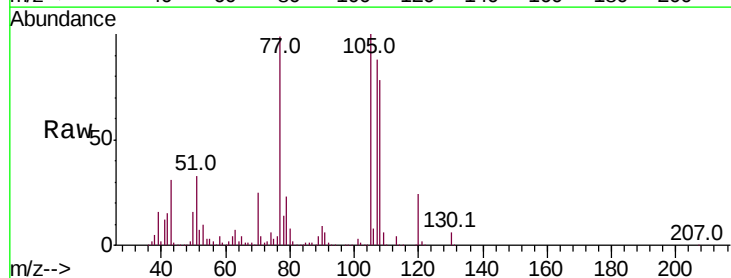


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

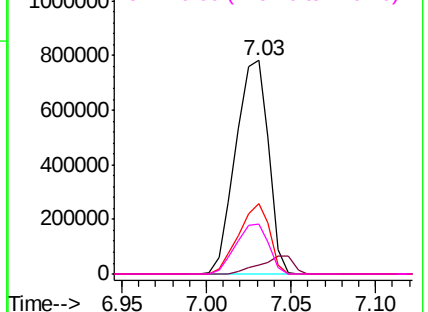
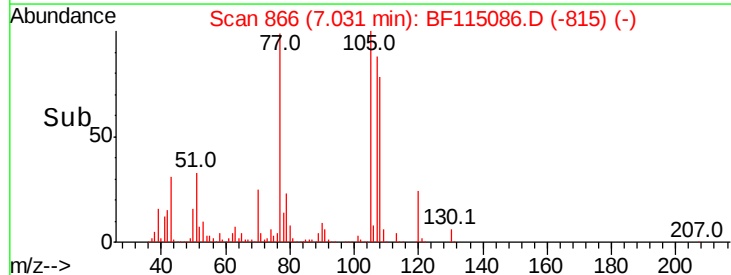


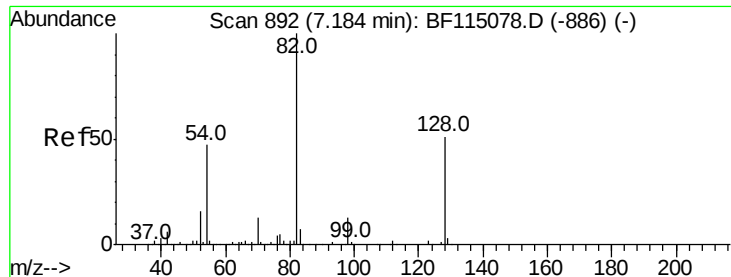
#22
Acetophenone
Concen: 44.296 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt	Ion:105	Resp:	1058700
Ion	Ratio	Lower	Upper
105	100		
71	4.2	1.9	2.9#
51	33.2	25.8	38.8
120	23.6	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
1200000 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: 93.297 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

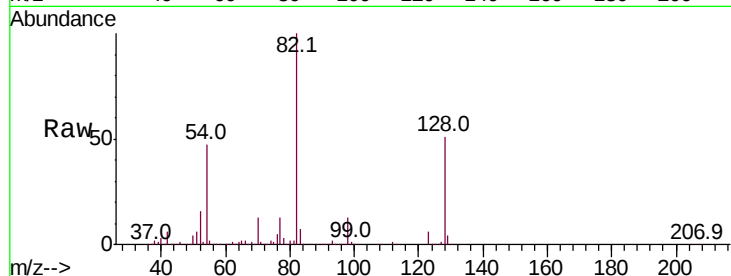
Tot Ion: 82 Resp: 1583365

Ion Ratio Lower Upper

82 100

128 51.2 40.4 60.6

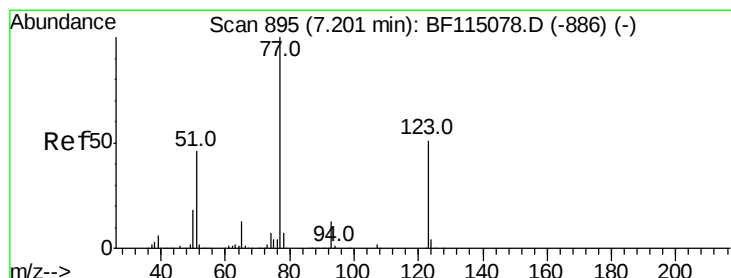
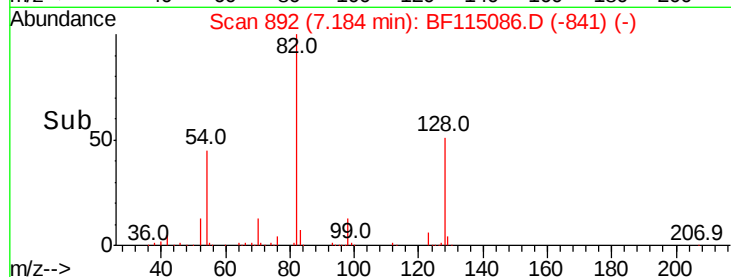
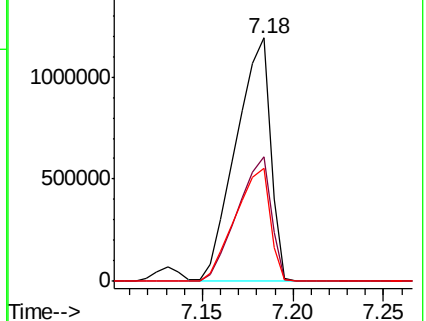
54 46.7 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.606 ng

RT: 7.20 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

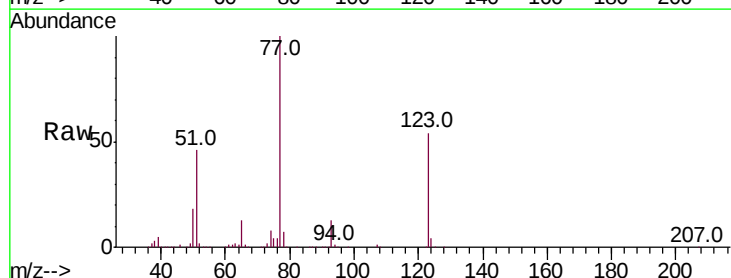
Tgt Ion: 77 Resp: 815295

Ion Ratio Lower Upper

77 100

123 53.5 41.0 61.6

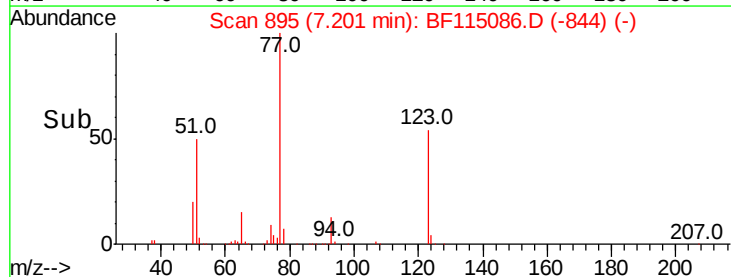
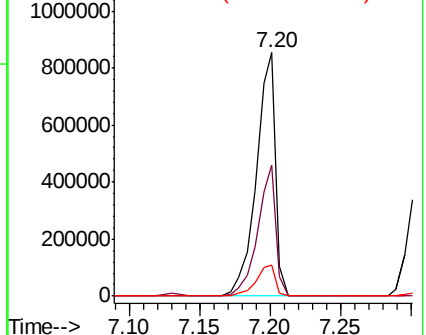
65 13.0 10.5 15.7

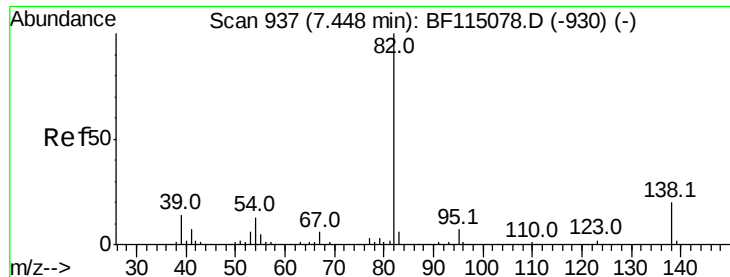


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.180 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

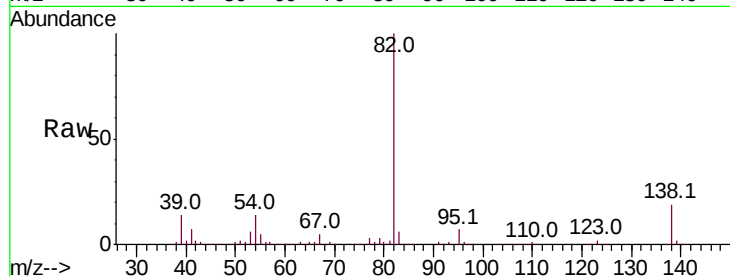
Tot Ion: 82 Resp: 1535971

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

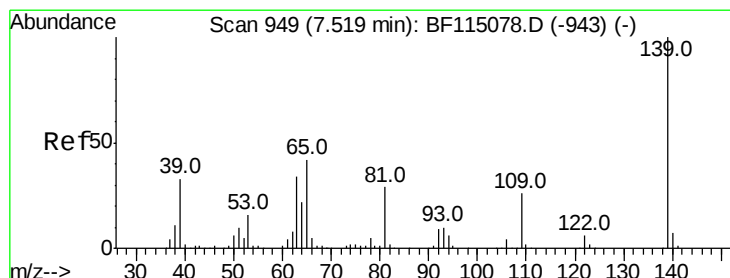
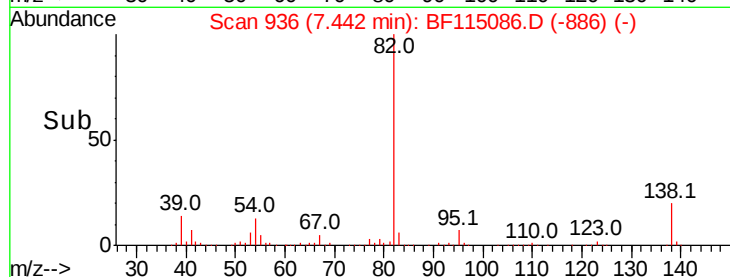
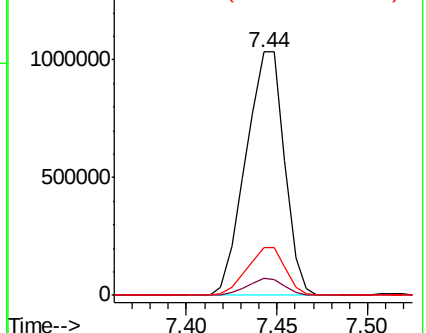
138 19.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.662 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

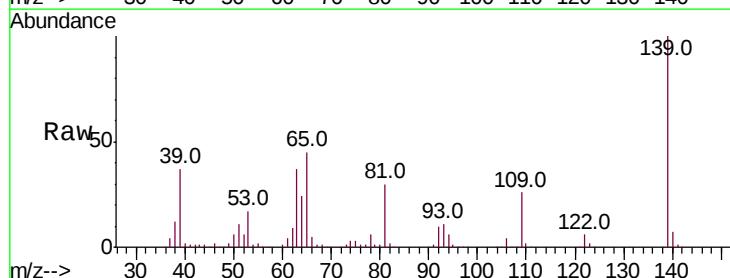
Tgt Ion: 139 Resp: 440073

Ion Ratio Lower Upper

139 100

109 26.3 20.4 30.6

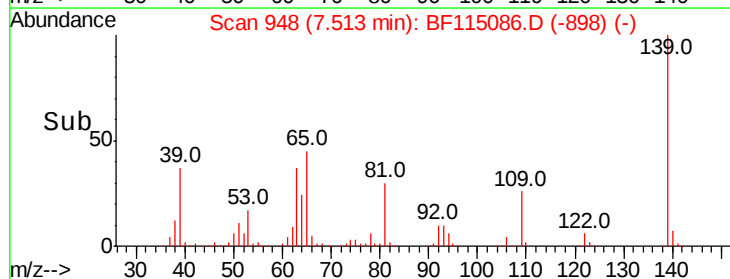
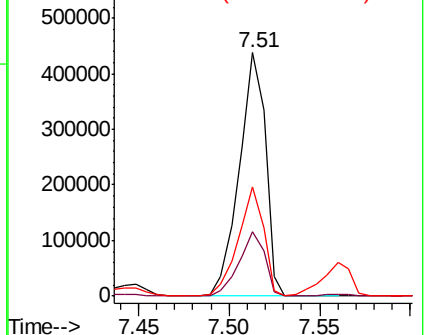
65 45.0 33.6 50.4

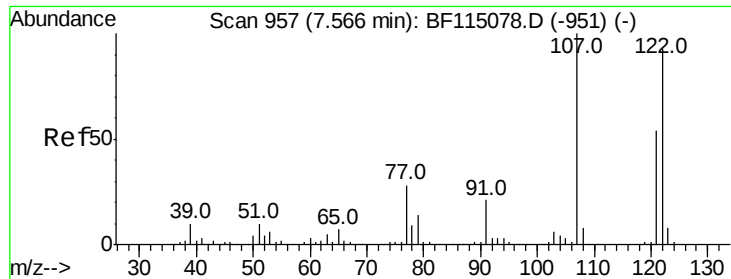


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

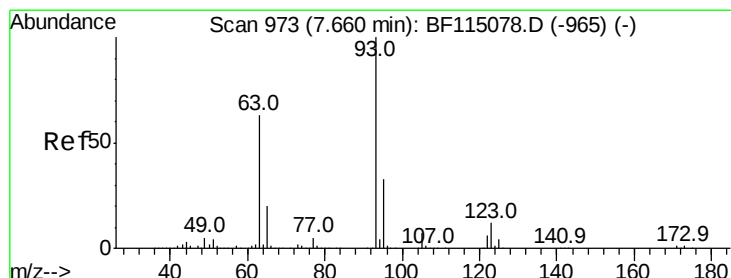
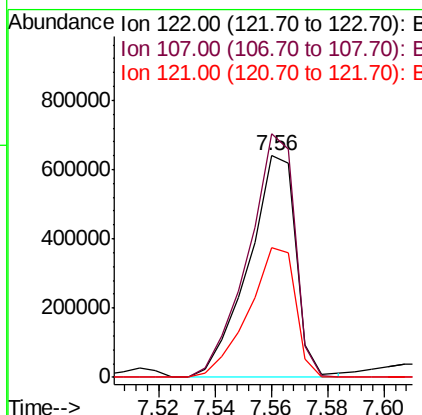
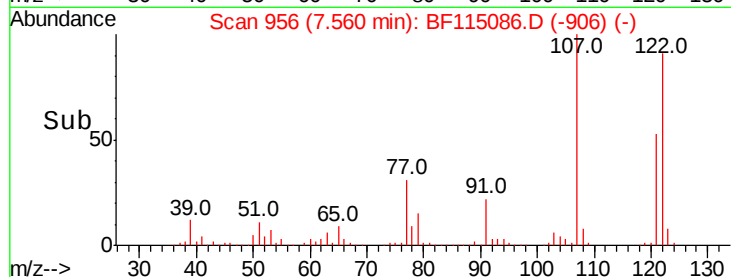
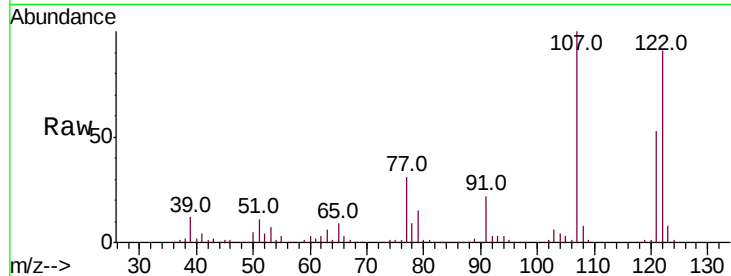




#27
2,4-Dimethylphenol
Concen: 49.498 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

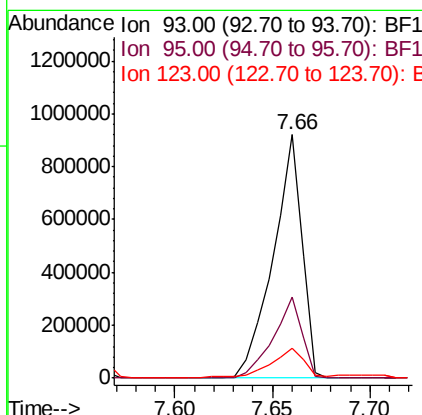
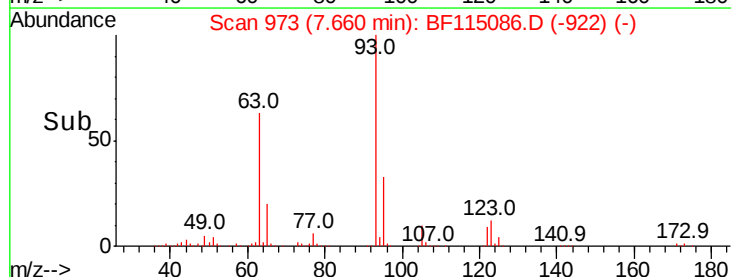
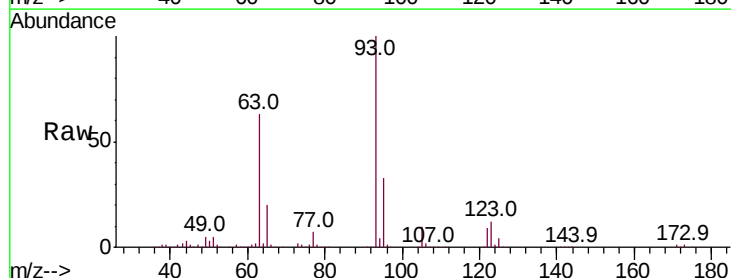
Instrument :
BNA_F
ClientSampleId :
PB120722BS

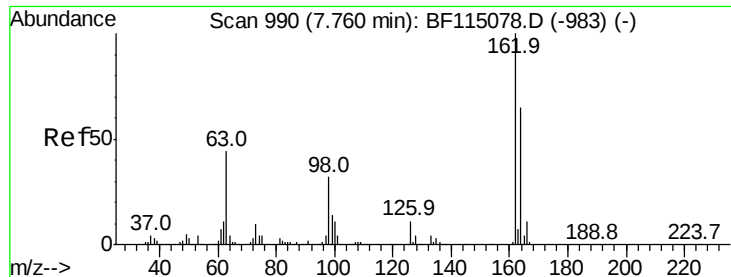
Tot Ion:122 Resp: 748293
Ion Ratio Lower Upper
122 100
107 109.8 85.8 128.6
121 58.6 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 43.177 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion: 93 Resp: 948764
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.4 9.7 14.5

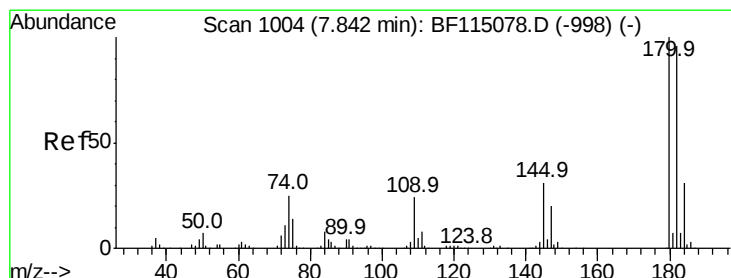
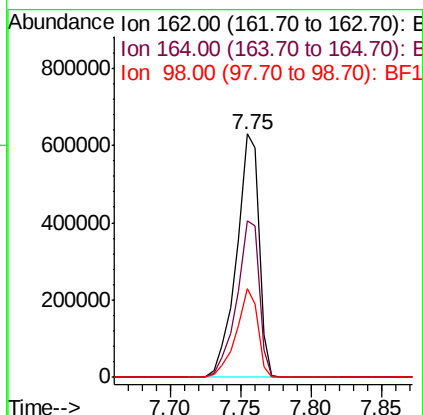
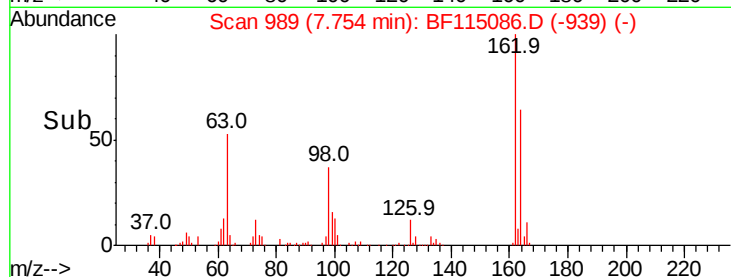
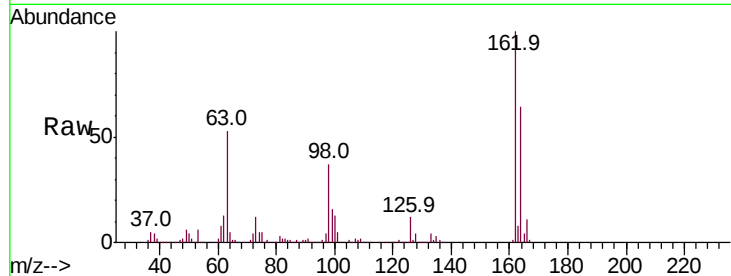




#29
2,4-Dichlorophenol
Concen: 44.796 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

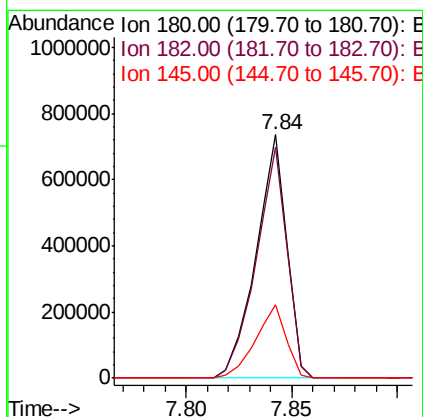
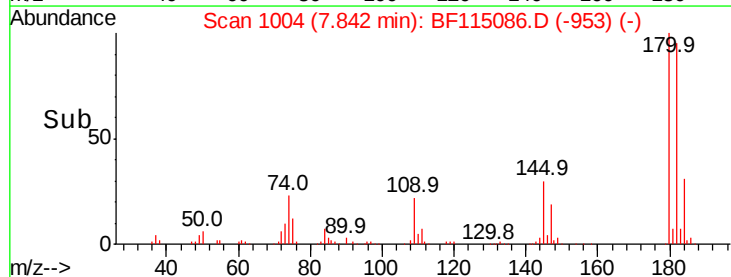
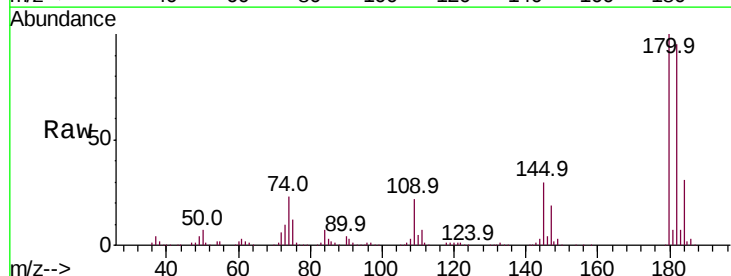
Instrument :
BNA_F
ClientSampleId :
PB120722BS

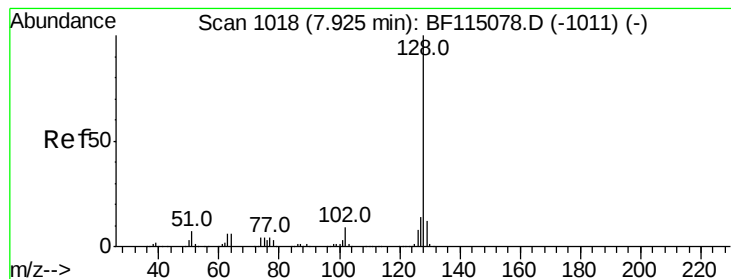
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.3	85.3
98	36.6	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 43.047 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	30.4	24.8	37.2





#31

Naphthalene

Concen: 43.692 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

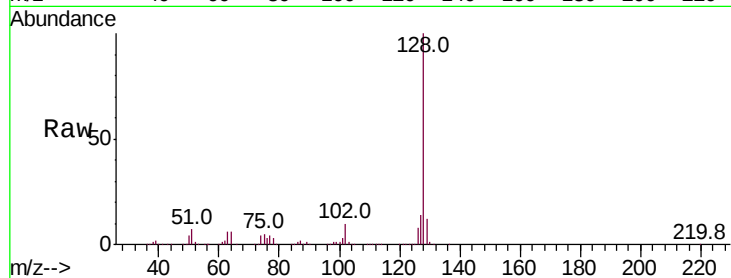
Tot Ion:128 Resp: 2239078

Ion Ratio Lower Upper

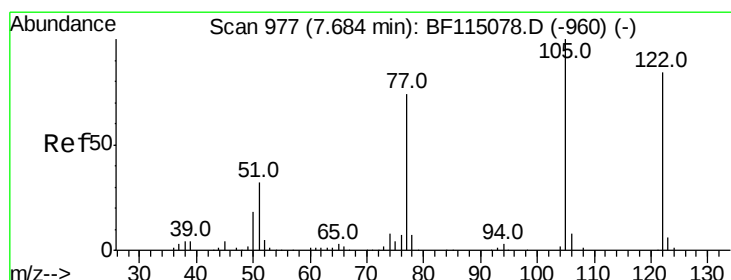
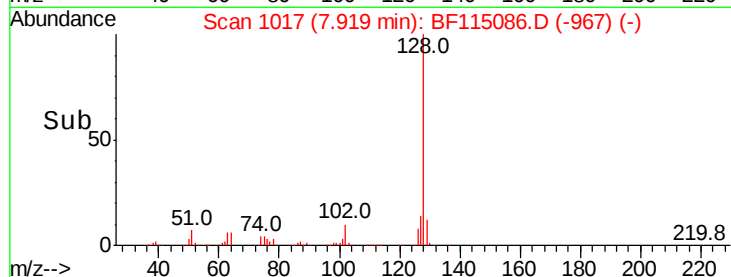
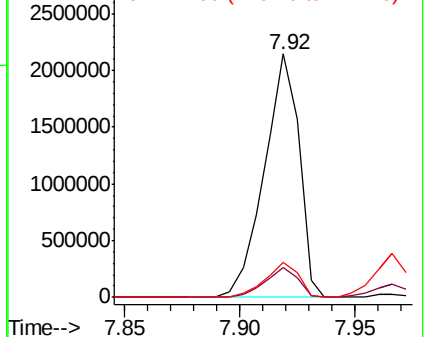
128 100

129 12.3 9.6 14.4

127 14.4 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: 55.002 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

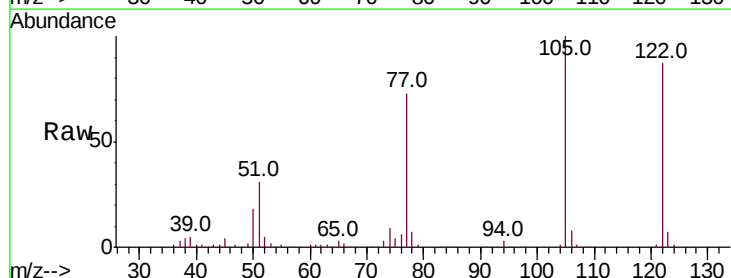
Tgt Ion:122 Resp: 593533

Ion Ratio Lower Upper

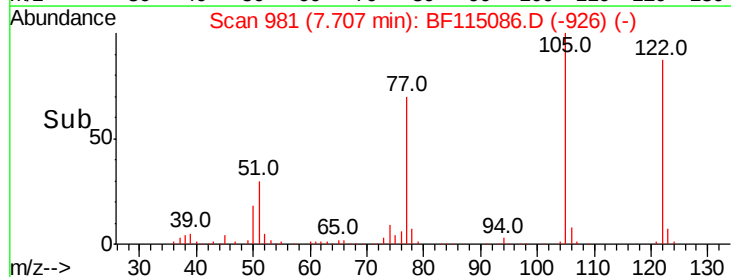
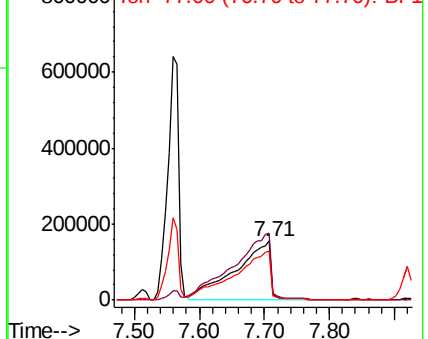
122 100

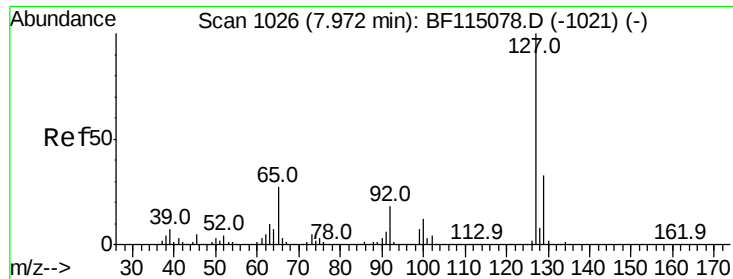
105 114.4 98.2 138.2

77 83.7 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

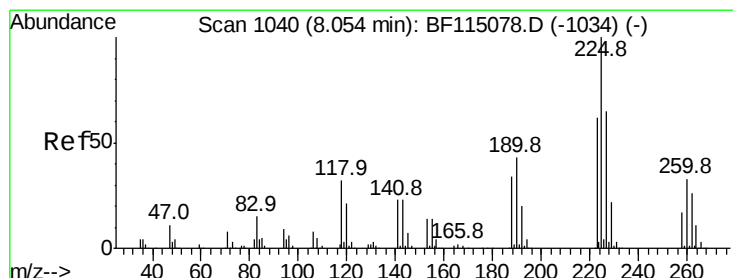
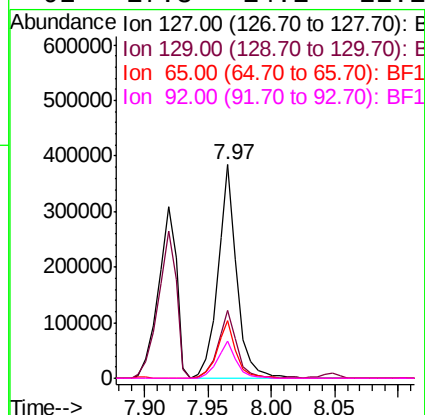
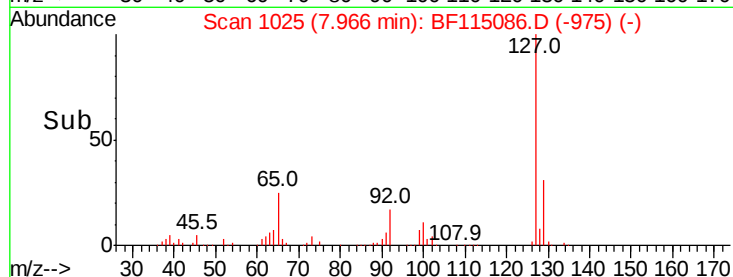
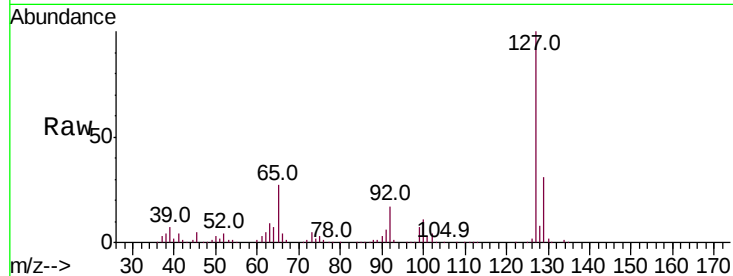




#33
4-Chloroaniline
Concen: 17.070 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

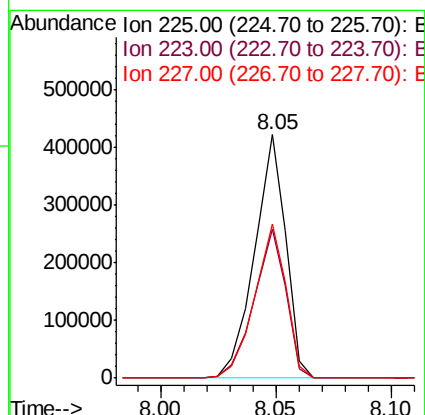
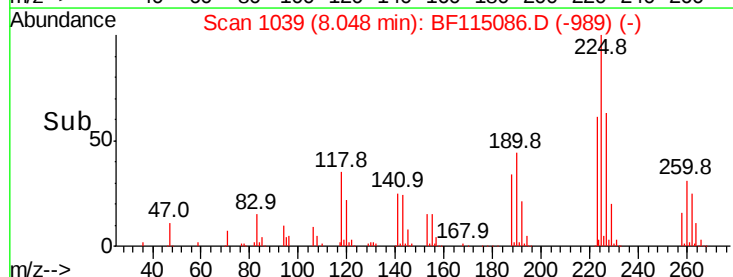
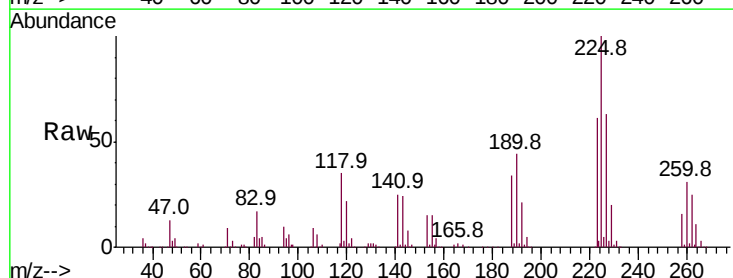
Instrument :
BNA_F
ClientSampleId :
PB120722BS

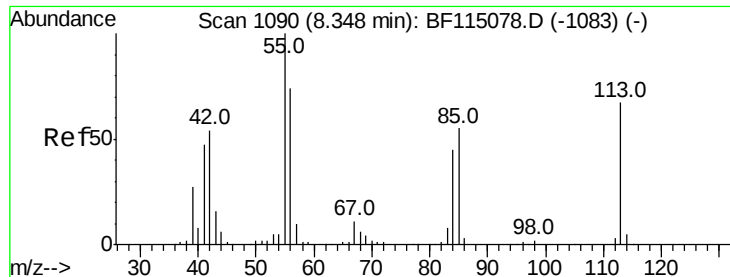
Tot Ion:	127	Resp:	399798
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	26.9	21.4	32.2
92	17.3	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.169 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:	225	Resp:	398228
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.4	74.2
227	63.2	51.8	77.8

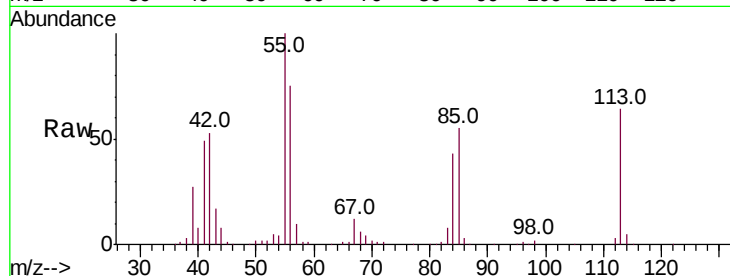




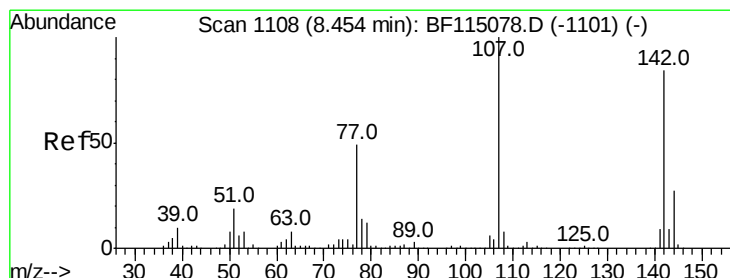
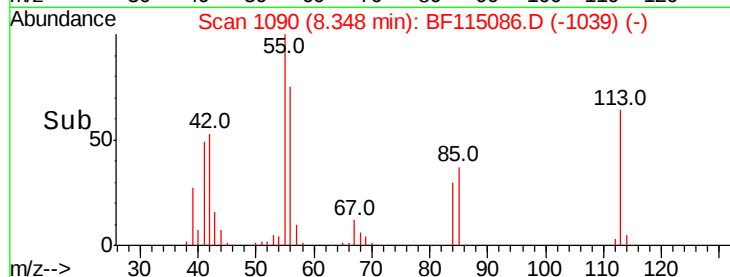
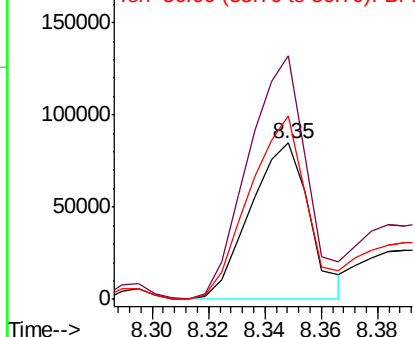
#35
Caprolactam
Concen: 23.431 ng
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:113 Resp: 122901
Ion Ratio Lower Upper
113 100
55 155.9 130.2 170.2
56 117.4 91.6 131.6

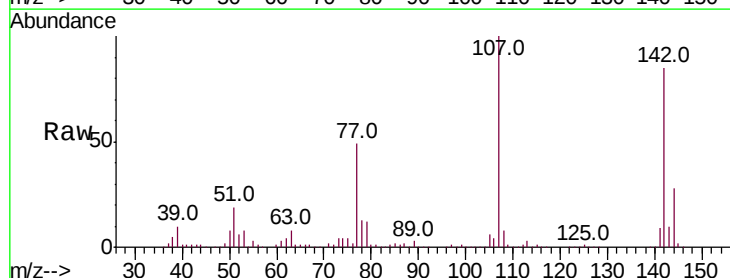


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

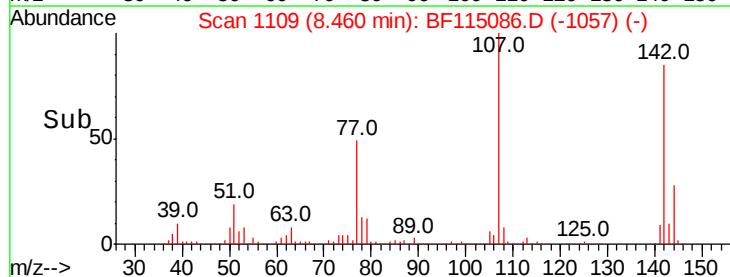
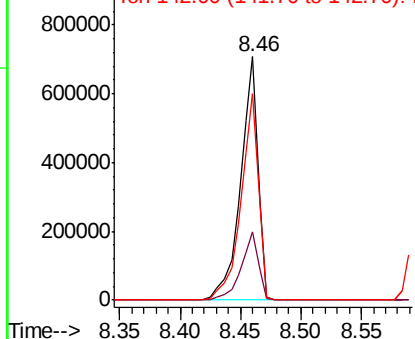


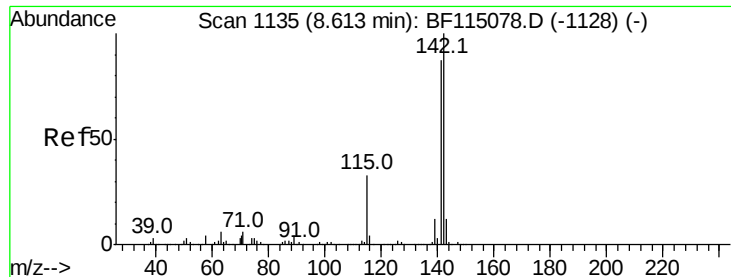
#36
4-Chloro-3-methylphenol
Concen: 45.078 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:107 Resp: 712218
Ion Ratio Lower Upper
107 100
144 27.9 21.7 32.5
142 84.7 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

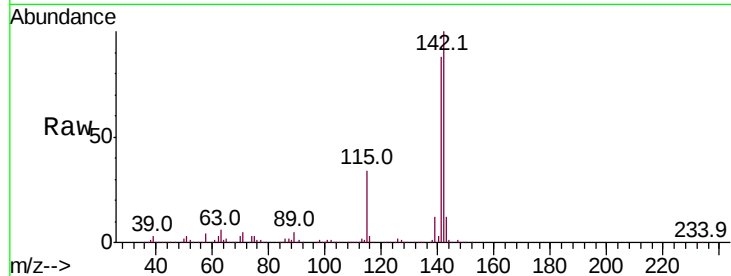




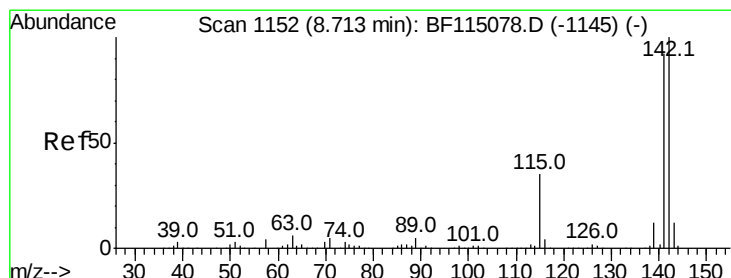
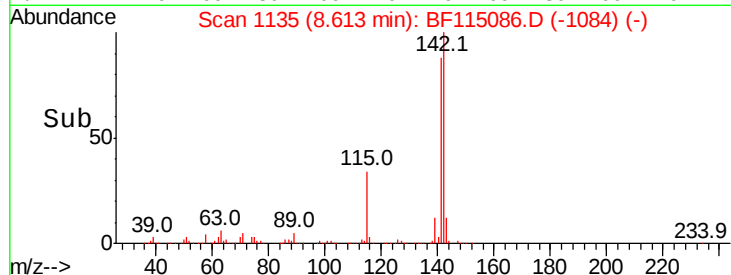
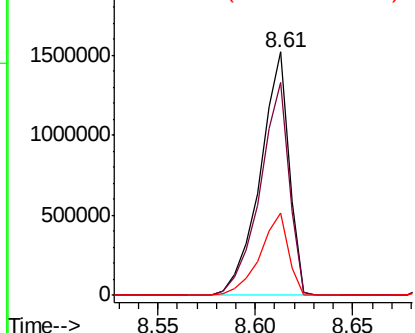
#37
2-Methylnaphthalene
Concen: 45.287 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:142 Resp: 1564813
Ion Ratio Lower Upper
142 100
141 87.5 69.8 104.6
115 33.6 26.7 40.1

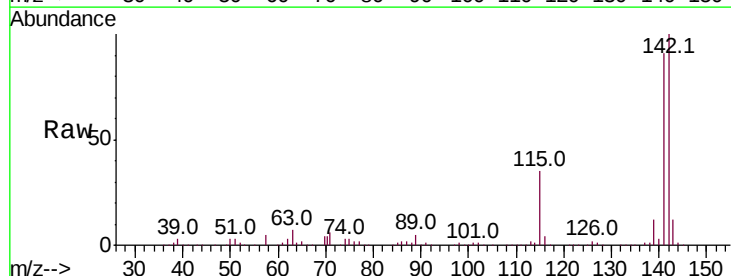


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

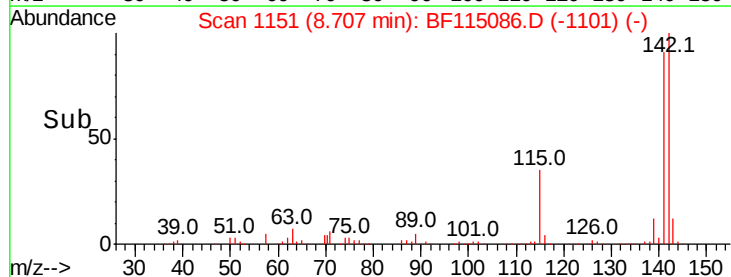
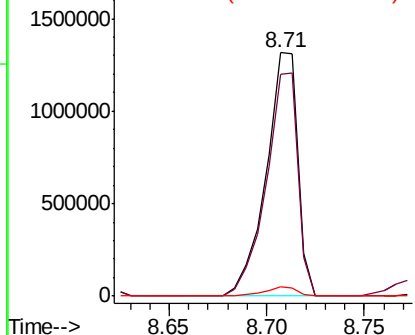


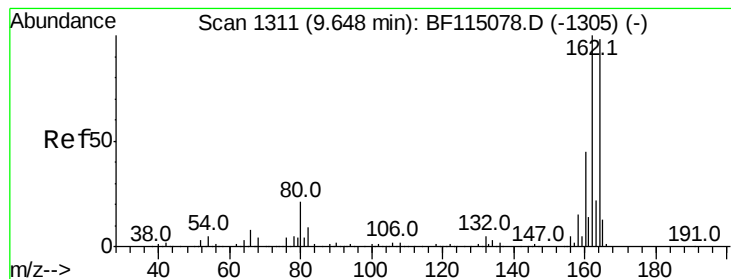
#38
1-Methylnaphthalene
Concen: 45.001 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:142 Resp: 1485060
Ion Ratio Lower Upper
142 100
141 90.9 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: 9.65 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

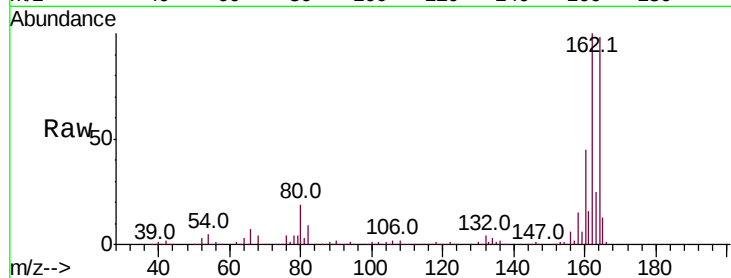
Tot Ion:164 Resp: 522993

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

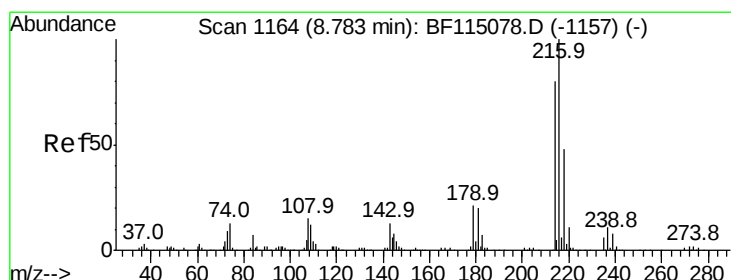
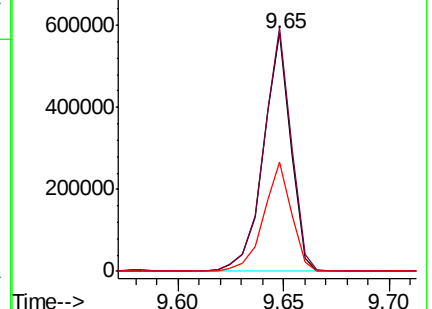
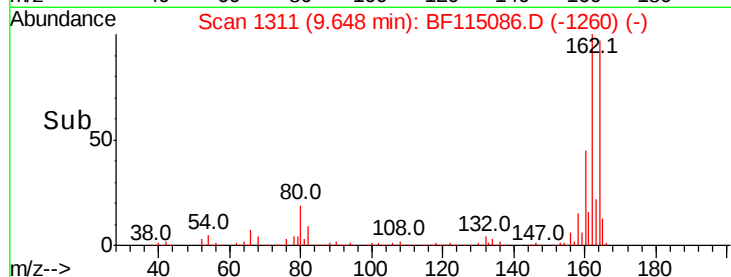
160 45.7 37.0 55.4



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: 42.414 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Tgt Ion:216 Resp: 626834

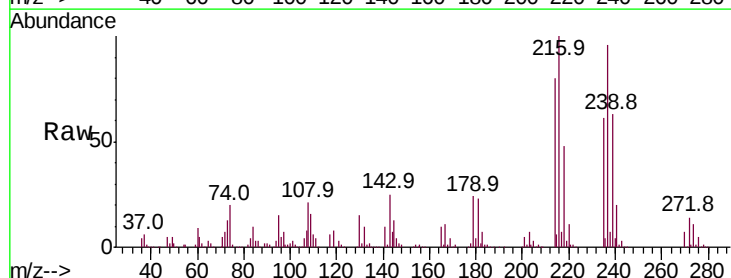
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 22.3 17.6 26.4

108 21.1 15.7 23.5

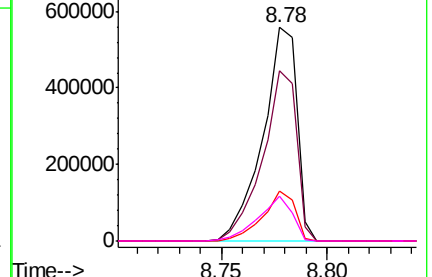
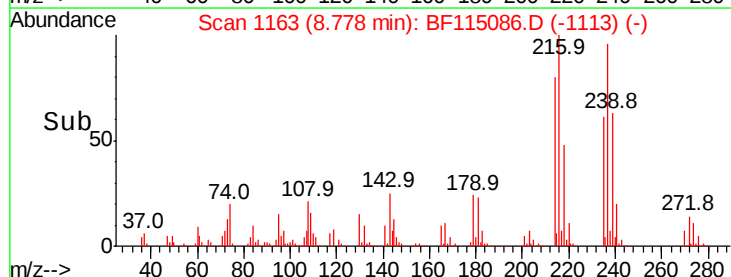


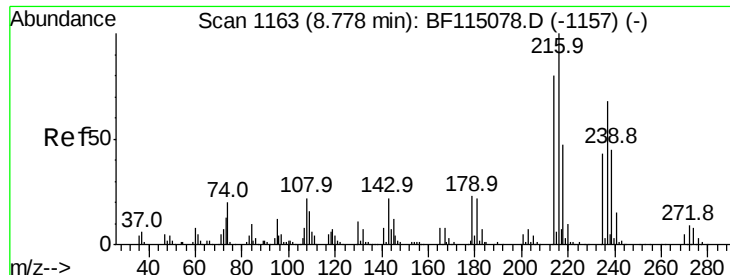
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.566 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

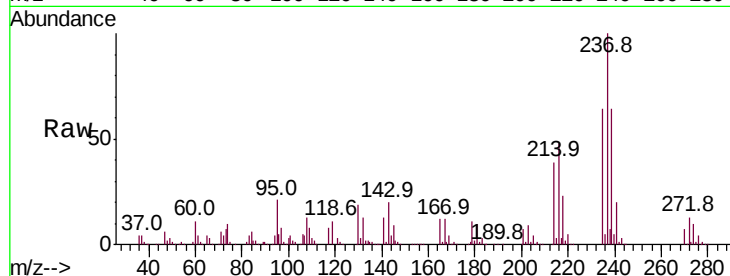
Tot Ion:237 Resp: 714787

Ion Ratio Lower Upper

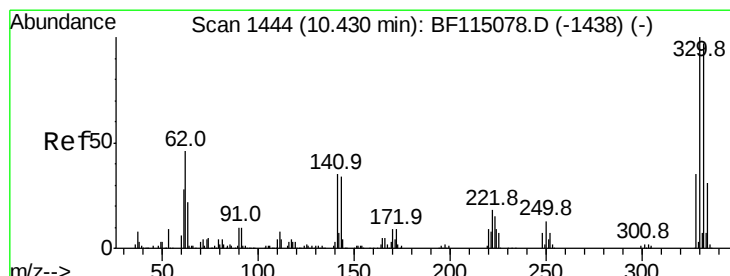
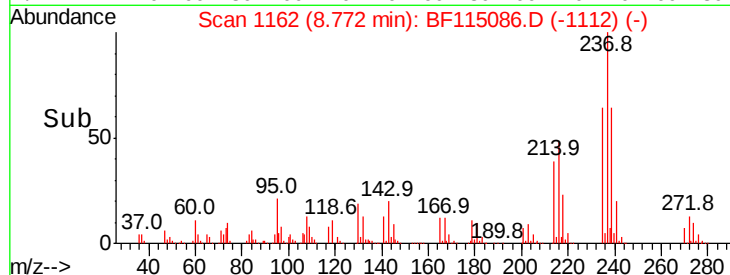
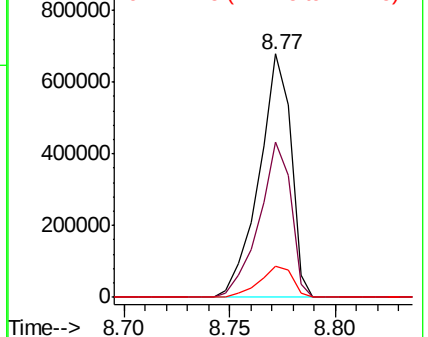
237 100

235 63.9 43.9 83.9

272 12.9 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: 129.330 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

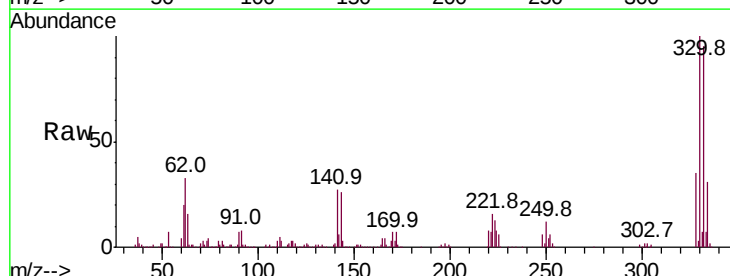
Tgt Ion:330 Resp: 713273

Ion Ratio Lower Upper

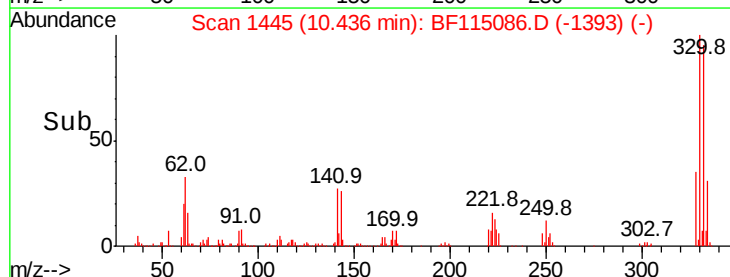
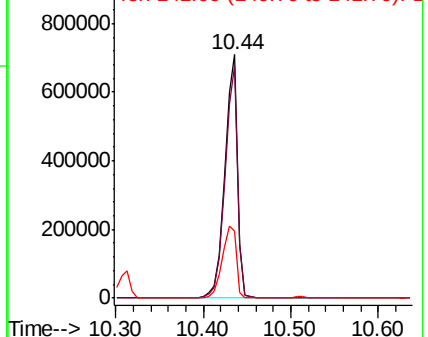
330 100

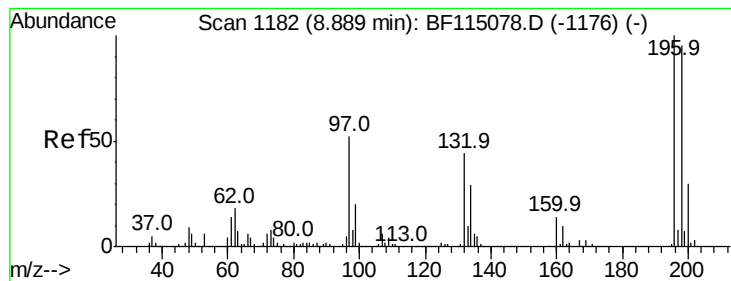
332 94.4 77.3 115.9

141 33.3 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: 46.167 ng

RT: 8.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

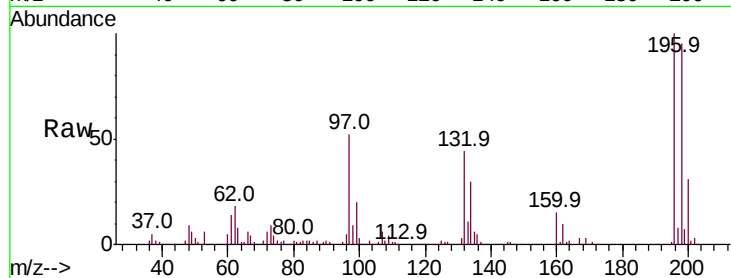
Tot Ion:196 Resp: 526754

Ion Ratio Lower Upper

196 100

198 95.5 76.3 114.5

200 31.0 24.2 36.4

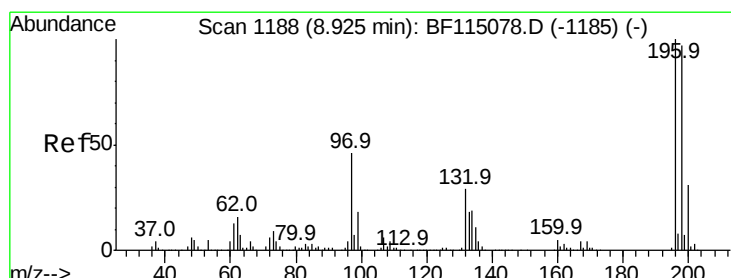
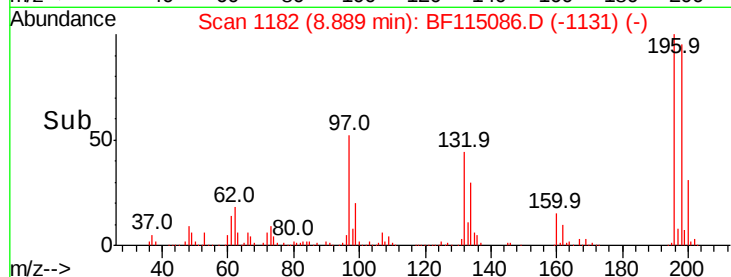
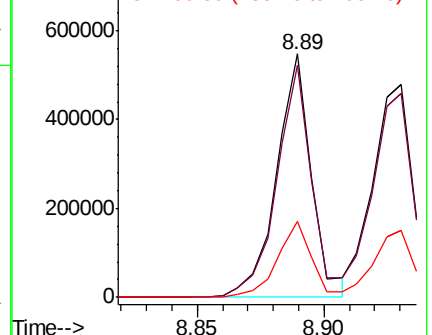


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.043 ng

RT: 8.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Tgt Ion:196 Resp: 517506

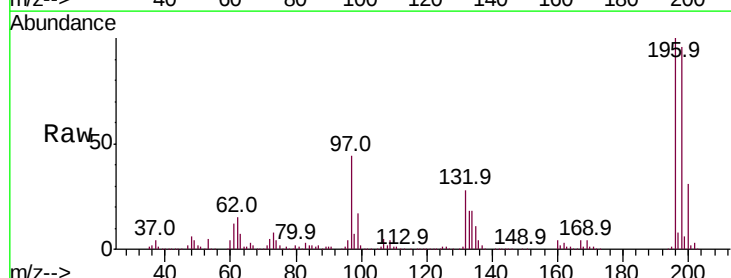
Ion Ratio Lower Upper

196 100

198 96.1 77.1 115.7

97 43.7 37.7 56.5

132 27.9 23.1 34.7



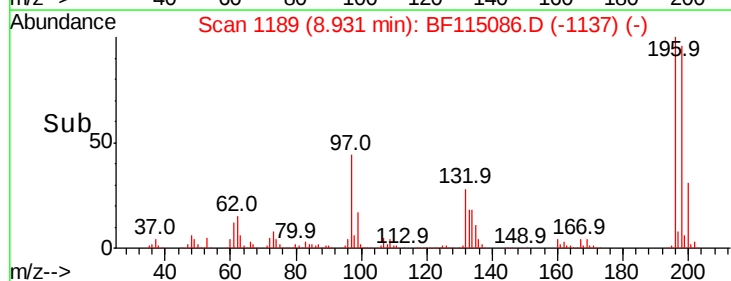
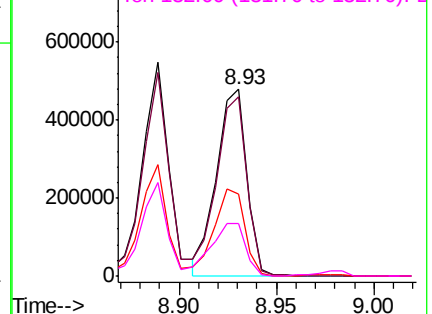
Abundance

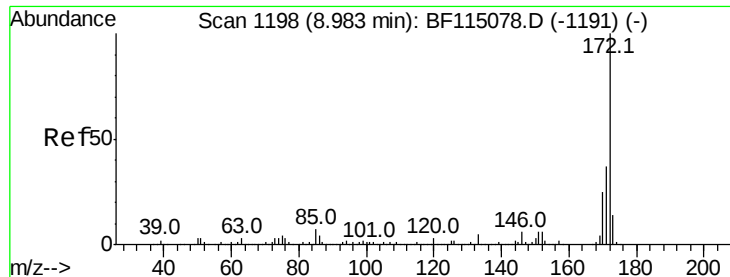
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

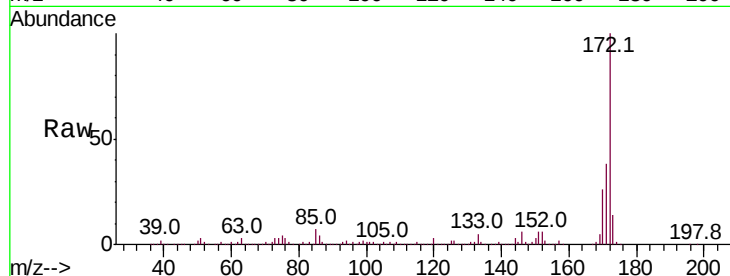




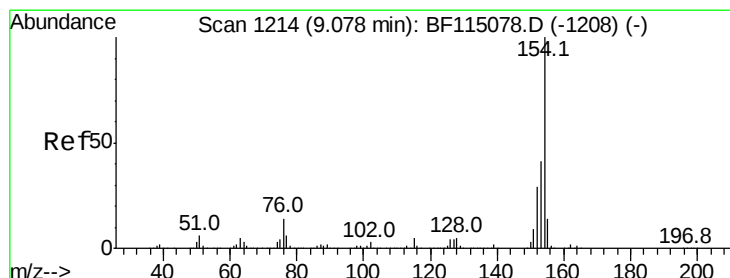
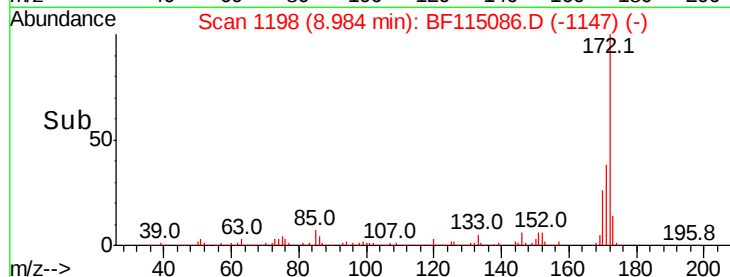
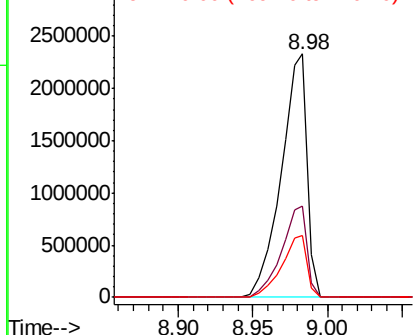
#45
2-Fluorobiphenyl
Concen: 92.202 ng
RT: 8.98 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:172 Resp: 2838832
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.6 20.3 30.5

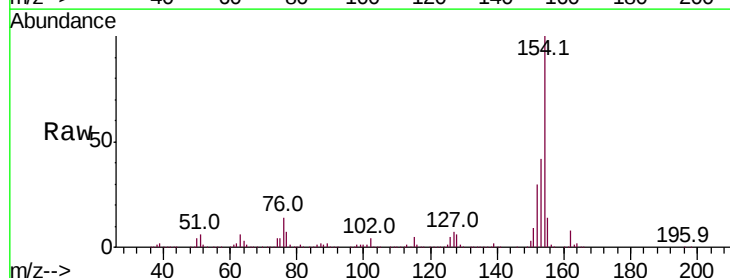


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

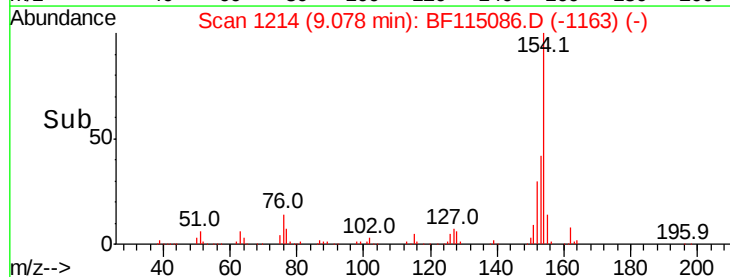
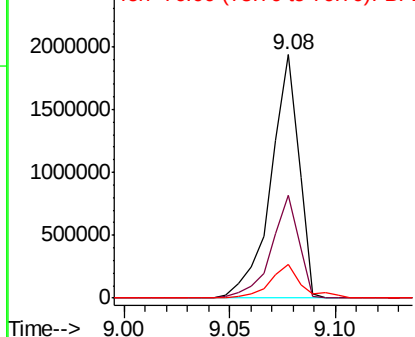


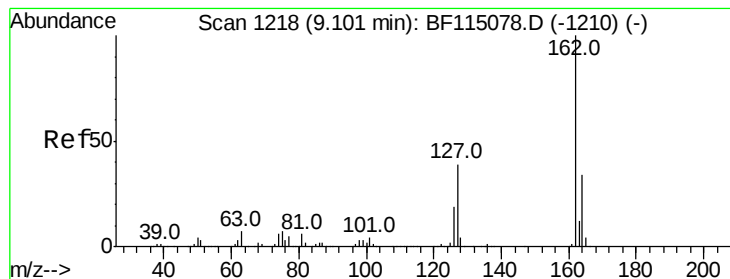
#46
1,1'-Biphenyl
Concen: 42.648 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:154 Resp: 1784688
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 14.0 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: 42.683 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

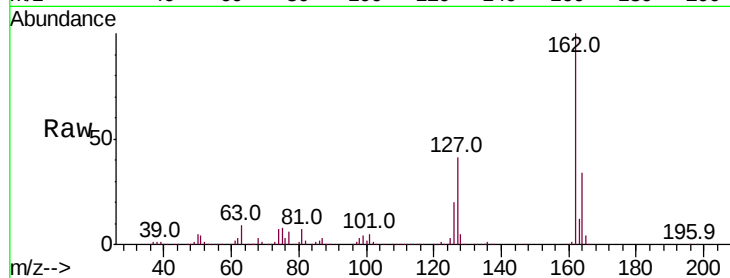
Tot Ion:162 Resp: 1448860

Ion Ratio Lower Upper

162 100

127 41.2 30.8 46.2

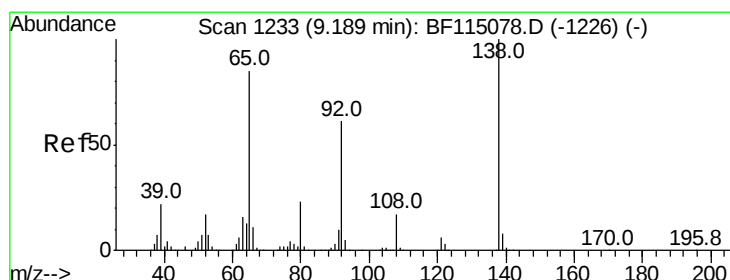
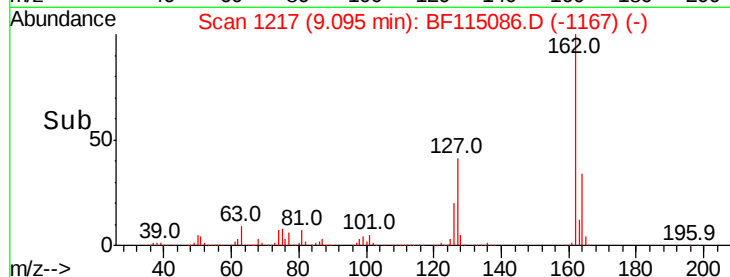
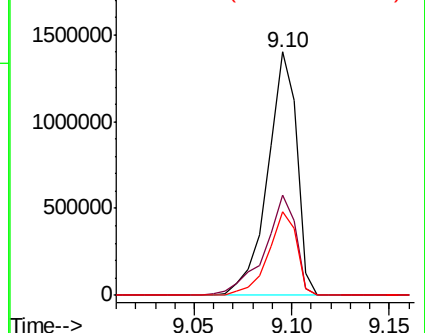
164 34.3 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.657 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

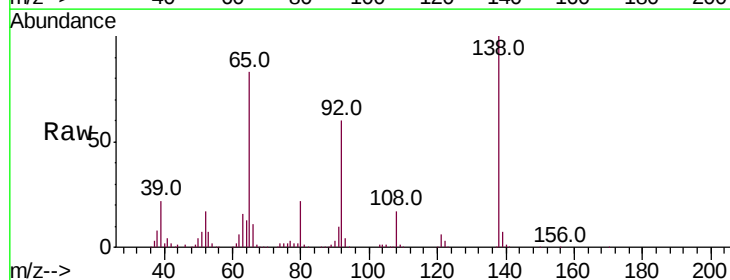
Tgt Ion: 65 Resp: 432036

Ion Ratio Lower Upper

65 100

92 72.6 57.4 86.2

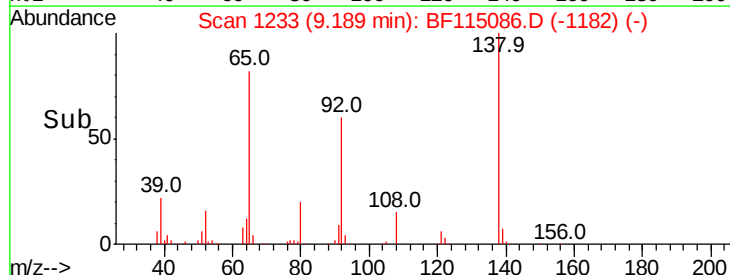
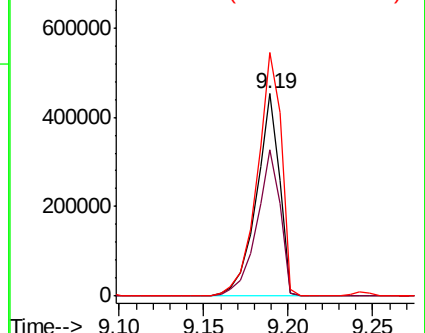
138 120.4 94.1 141.1

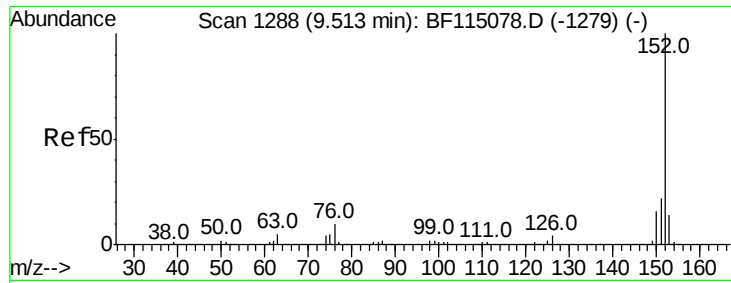


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.651 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

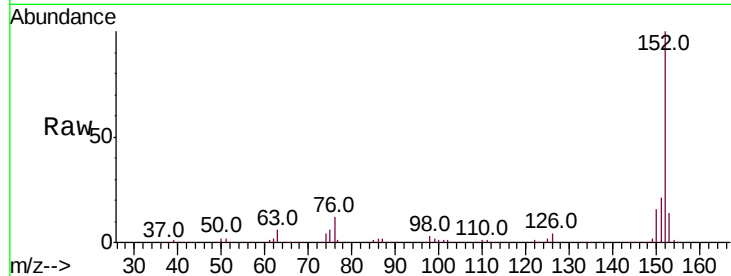
Tot Ion:152 Resp: 2255642

Ion Ratio Lower Upper

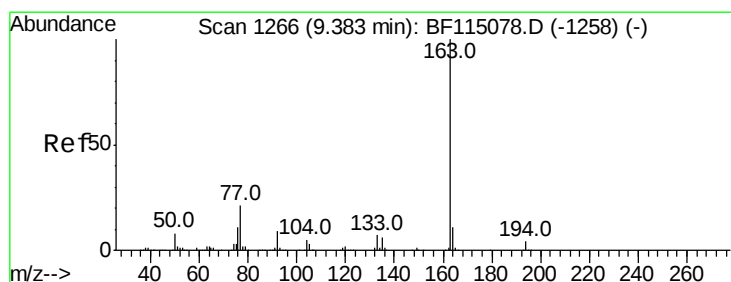
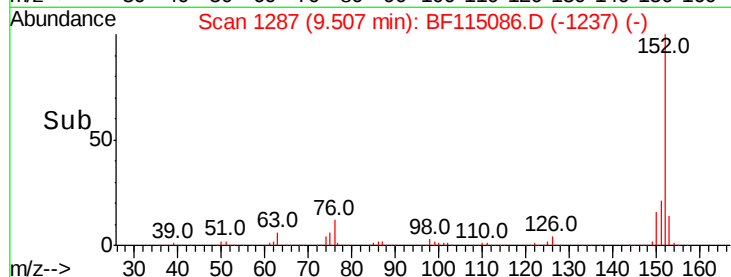
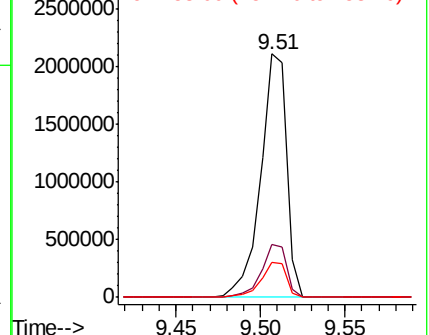
152 100

151 21.5 17.2 25.8

153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.471 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

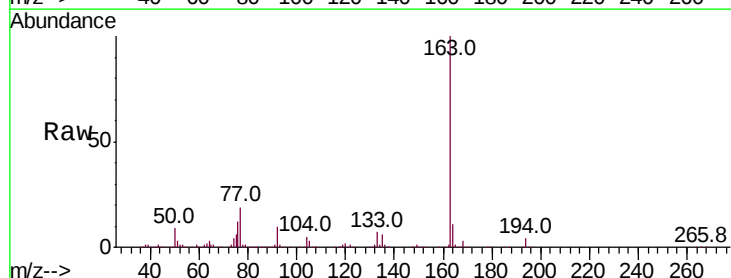
Tgt Ion:163 Resp: 1672672

Ion Ratio Lower Upper

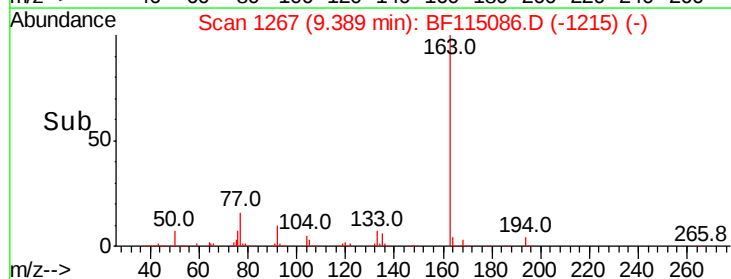
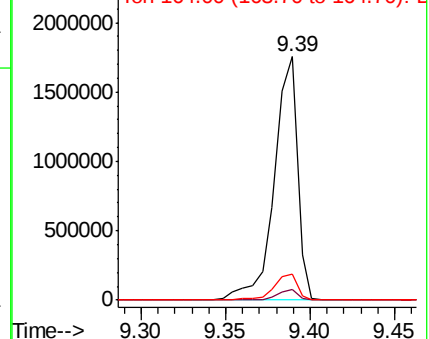
163 100

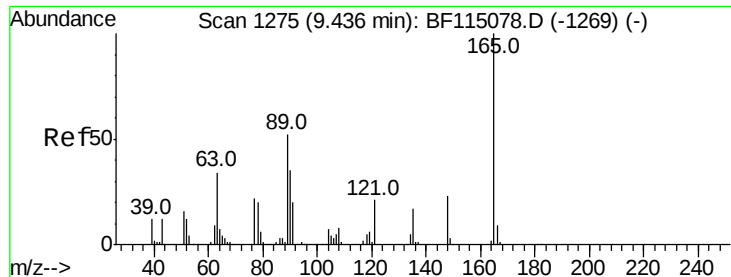
194 4.3 3.2 4.8

164 10.6 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: 44.962 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

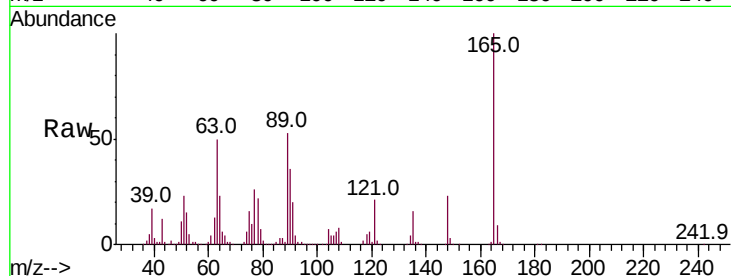
Tot Ion:165 Resp: 399414

Ion Ratio Lower Upper

165 100

63 50.1 39.4 59.2

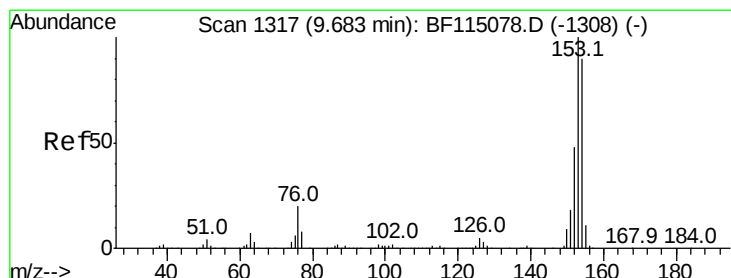
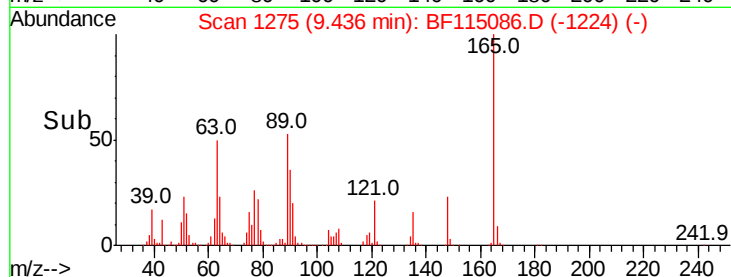
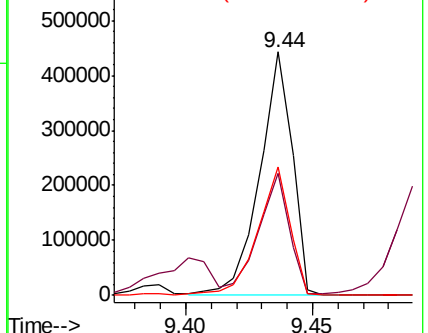
89 52.5 42.0 63.0



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: 47.390 ng

RT: 9.68 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

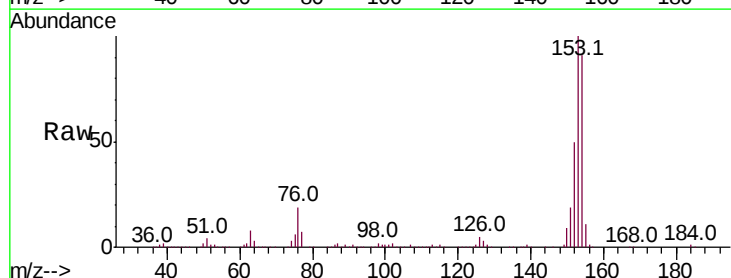
Tgt Ion:154 Resp: 1568292

Ion Ratio Lower Upper

154 100

153 110.5 88.7 133.1

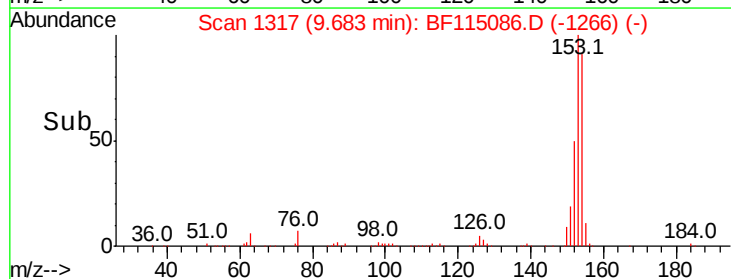
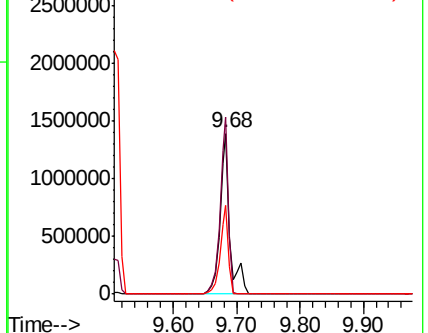
152 54.9 42.6 64.0

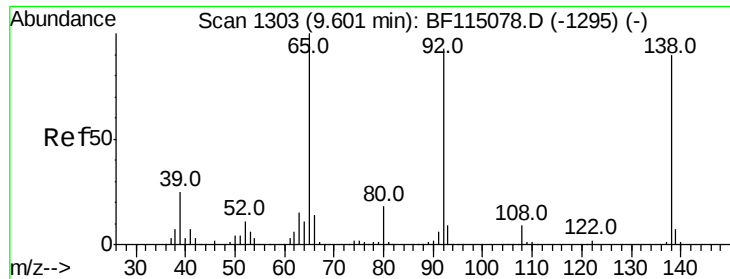


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

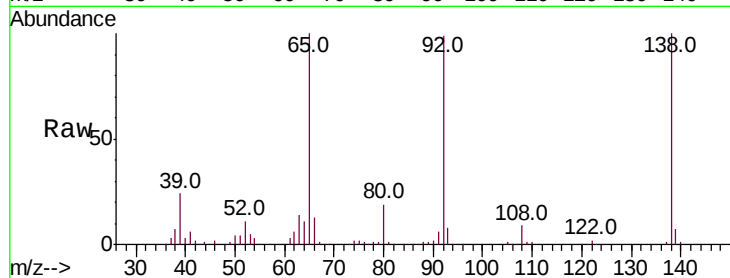




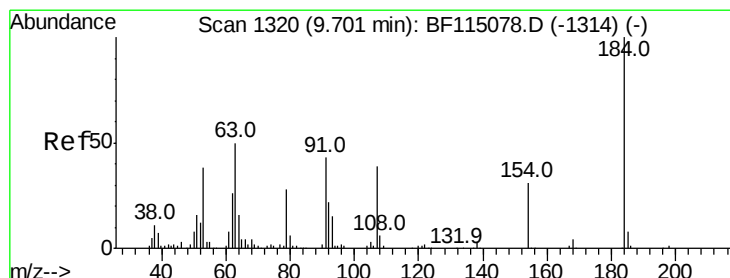
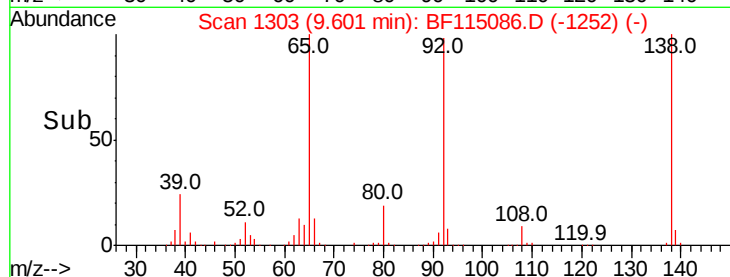
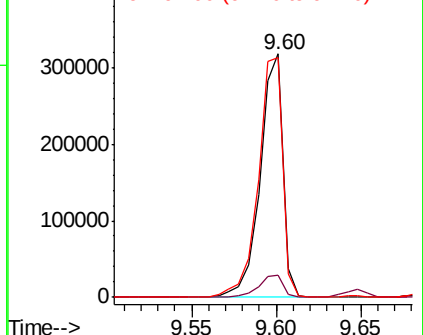
#53
3-Nitroaniline
Concen: 27.460 ng
RT: 9.60 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:138 Resp: 297682
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.6
92 98.6 82.9 124.3

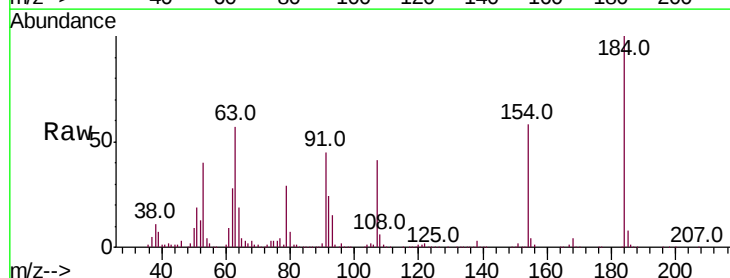


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

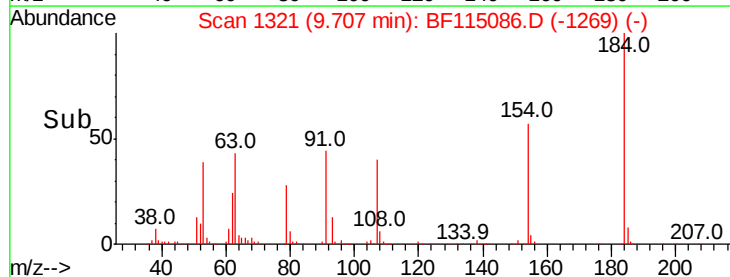
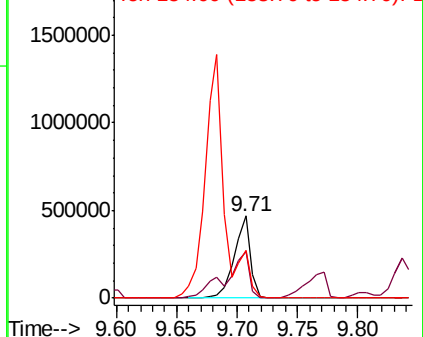


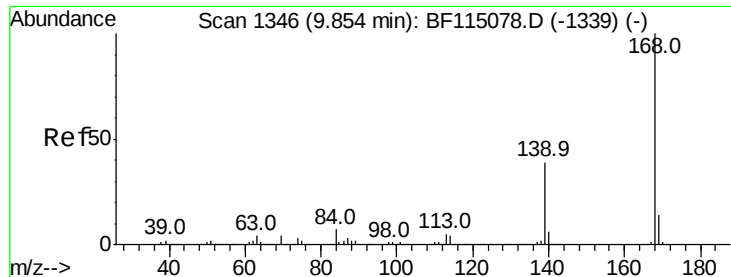
#54
2,4-Dinitrophenol
Concen: 93.559 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:184 Resp: 433929
Ion Ratio Lower Upper
184 100
63 57.2 41.9 62.9
154 57.6 44.7 67.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

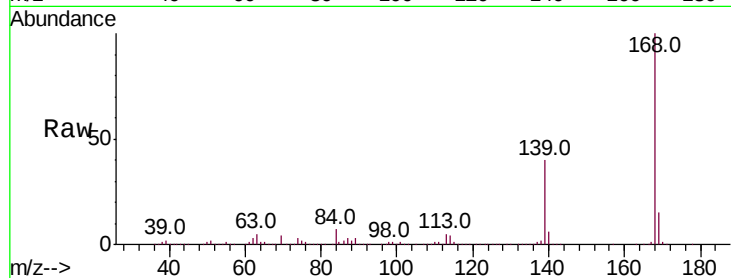




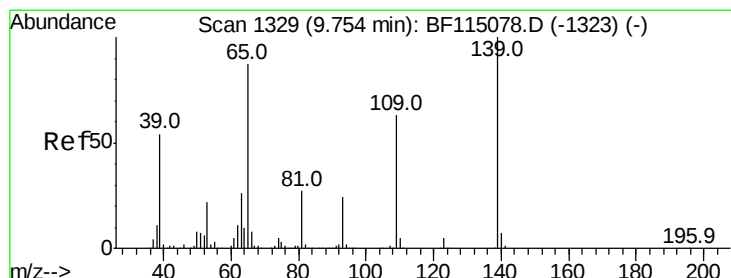
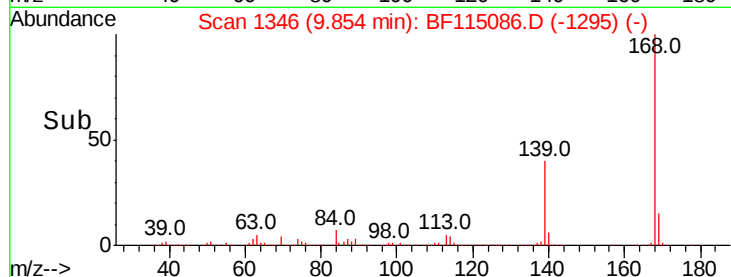
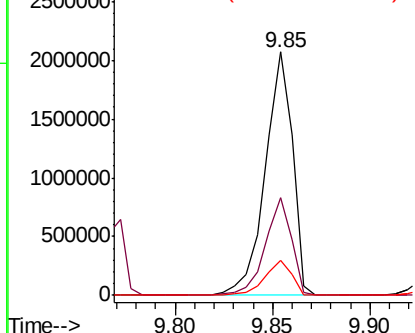
#55
Dibenzofuran
Concen: 42.131 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:168 Resp: 2001155
Ion Ratio Lower Upper
168 100
139 40.0 31.1 46.7
169 14.5 11.3 16.9

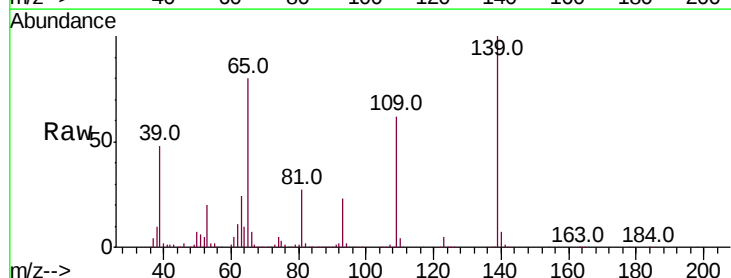


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

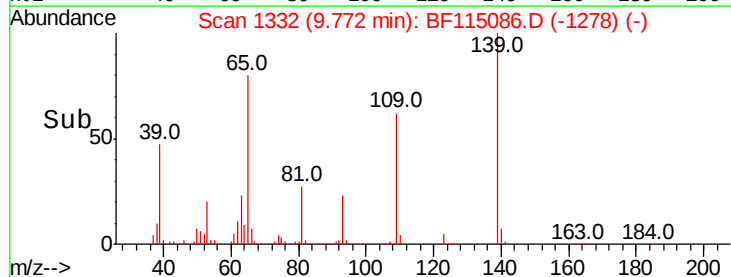
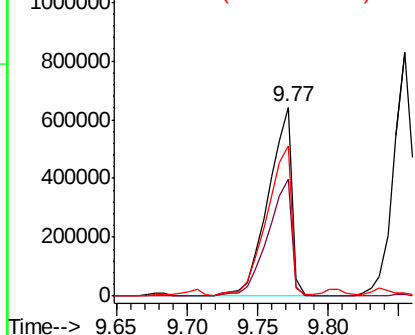


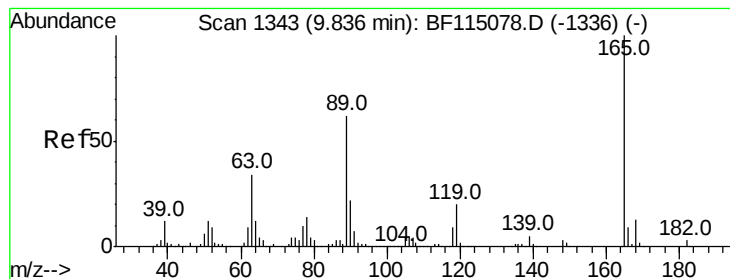
#56
4-Nitrophenol
Concen: 86.367 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:139 Resp: 750602
Ion Ratio Lower Upper
139 100
109 61.7 43.0 83.0
65 80.0 67.0 107.0



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





#57

2,4-Dinitrotoluene

Concen: 46.896 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

Tot Ion:165 Resp: 537910

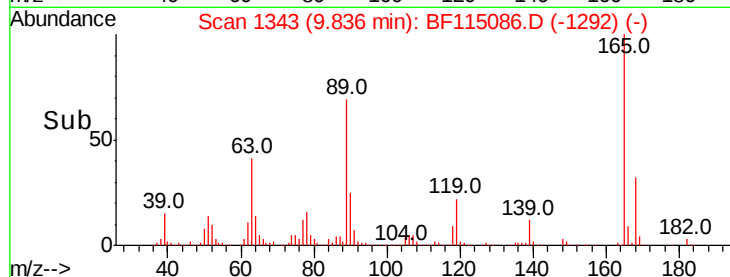
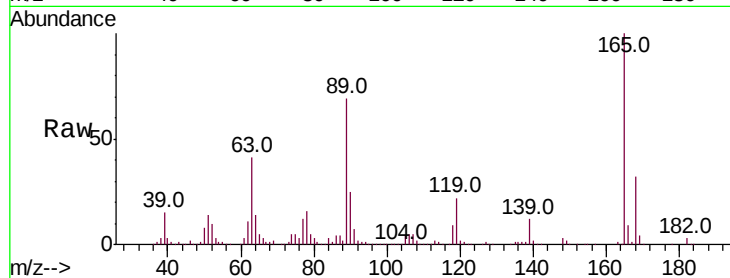
Ion Ratio Lower Upper

165 100

63 41.3 27.5 41.3#

89 69.4 49.9 74.9

182 2.6 2.1 3.1

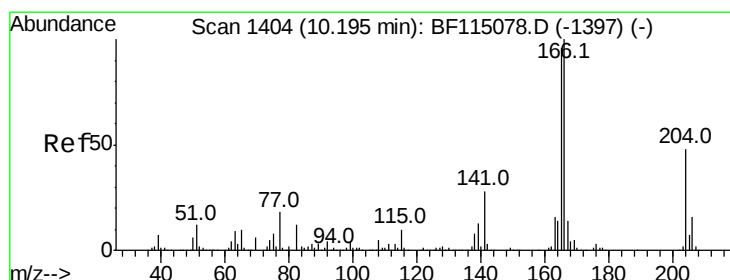
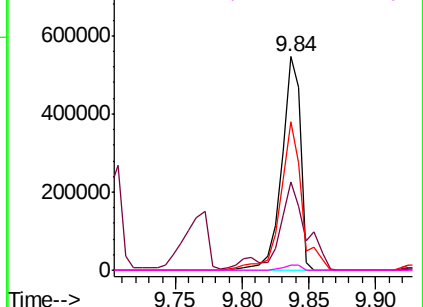


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.650 ng

RT: 10.20 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

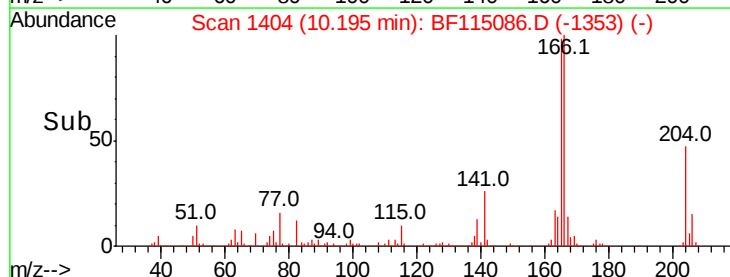
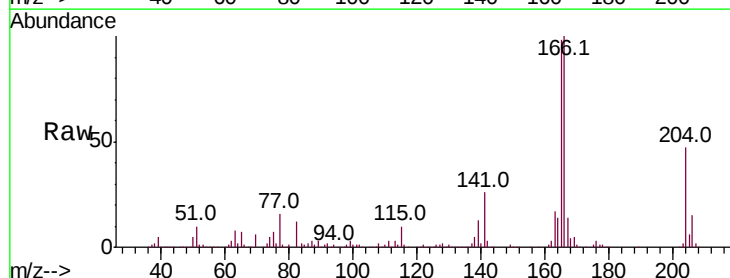
Tgt Ion:166 Resp: 1359652

Ion Ratio Lower Upper

166 100

165 97.5 76.5 114.7

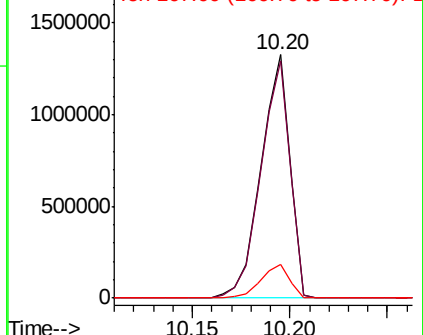
167 13.8 11.0 16.4

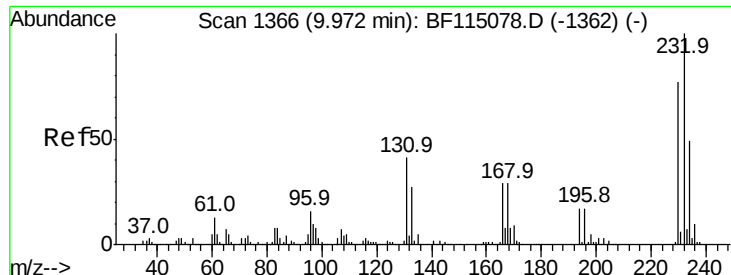


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

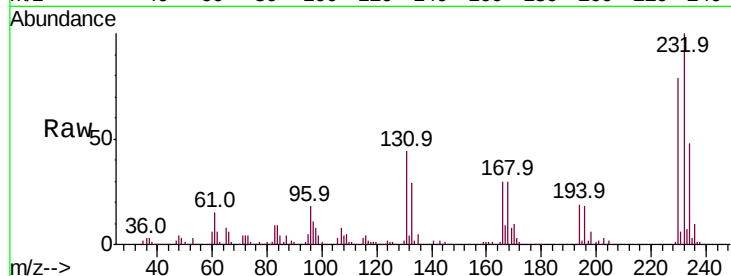




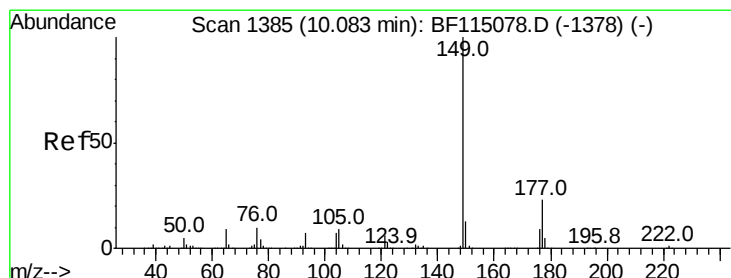
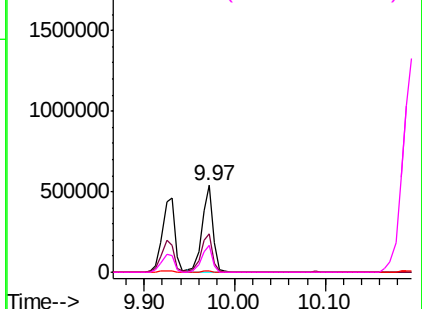
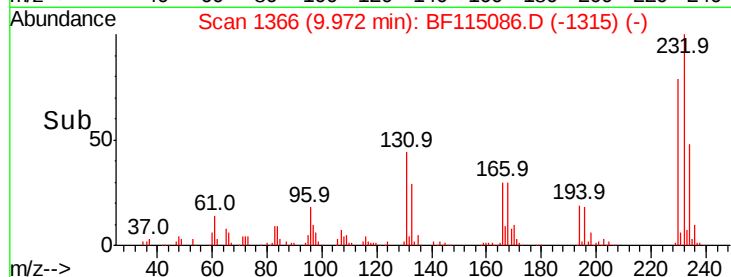
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.229 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.4	56.0
130	2.3	1.8	2.6
166	30.8	24.6	36.8

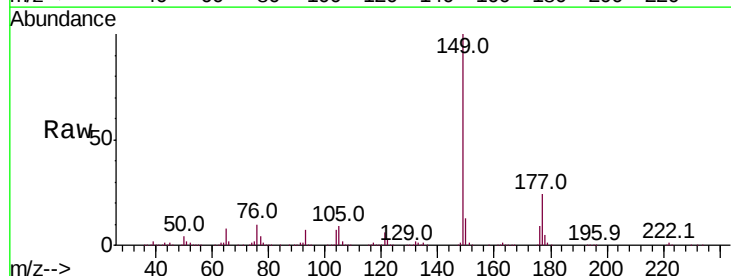


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

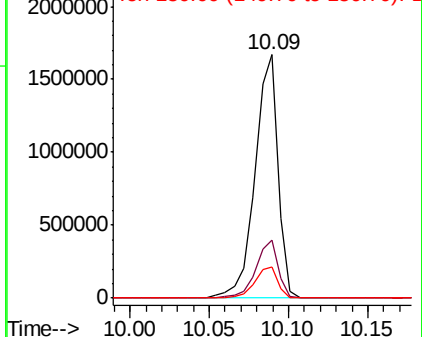
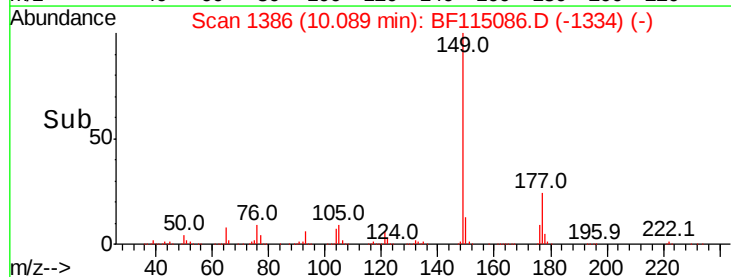


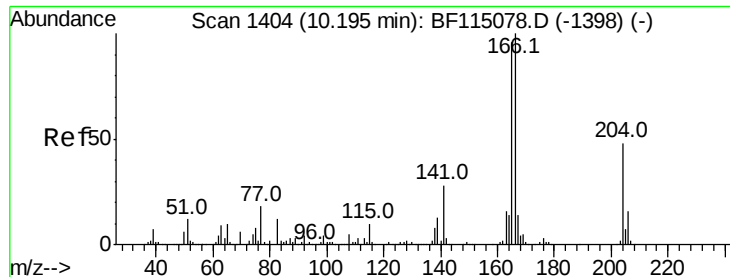
#60
 Diethylphthalate
 Concen: 43.553 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	12.7	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

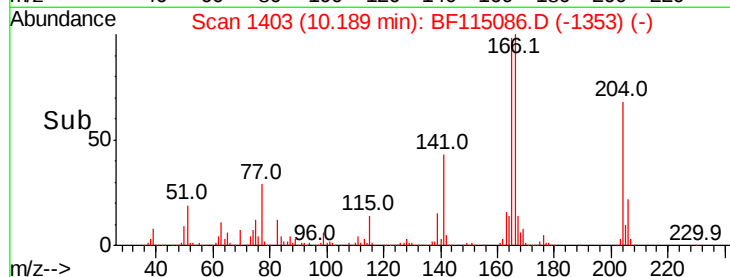
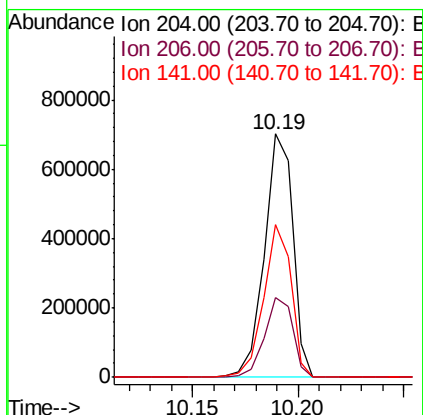
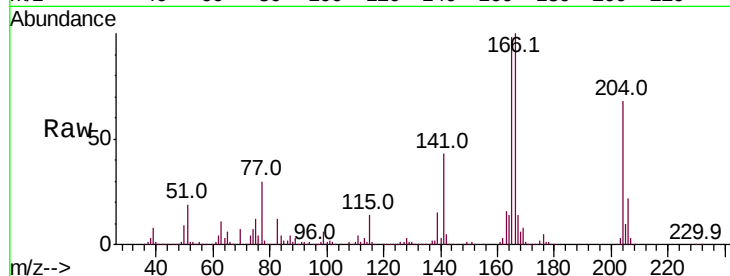




#61
 4-Chlorophenyl-phenylether
 Concen: 43.576 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

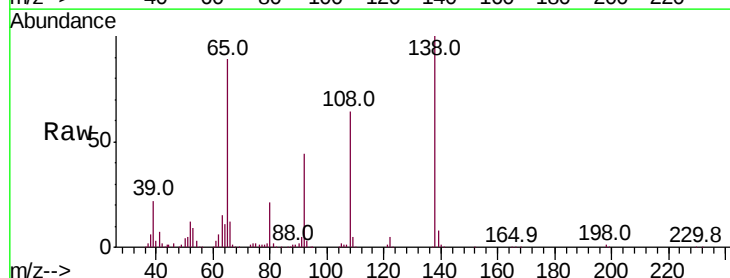
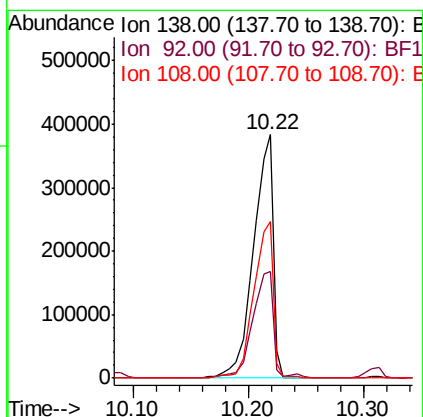
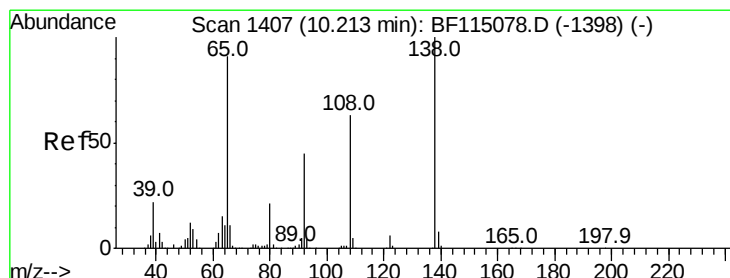
Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

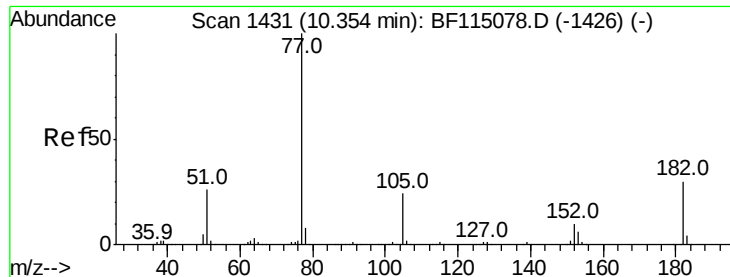
Tot Ion:204 Resp: 658104
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 62.8 46.7 70.1



#62
 4-Nitroaniline
 Concen: 42.027 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion:138 Resp: 457051
 Ion Ratio Lower Upper
 138 100
 92 43.8 24.8 64.8
 108 64.4 43.3 83.3

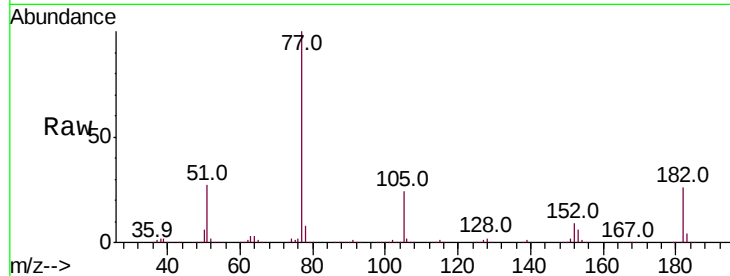




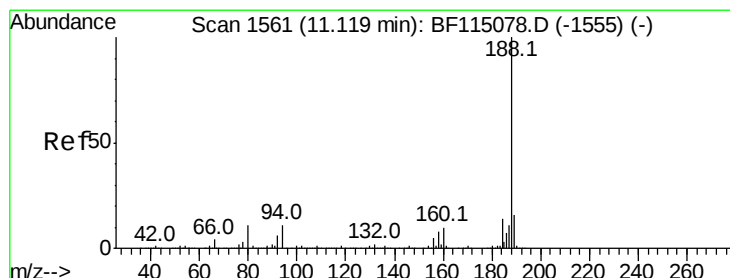
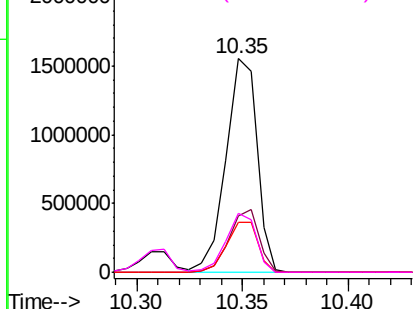
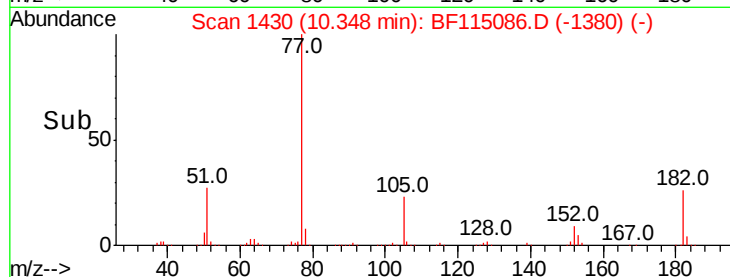
#63
Azobenzene
Concen: 43.602 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion: 77 Resp: 1575199
Ion Ratio Lower Upper
77 100
182 26.2 10.1 50.1
105 23.6 4.5 44.5
51 27.3 6.4 46.4

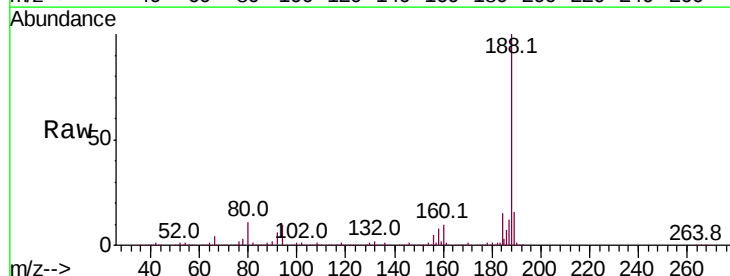


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

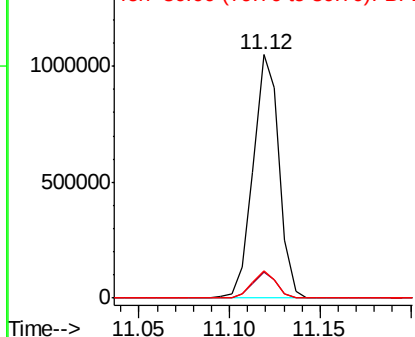
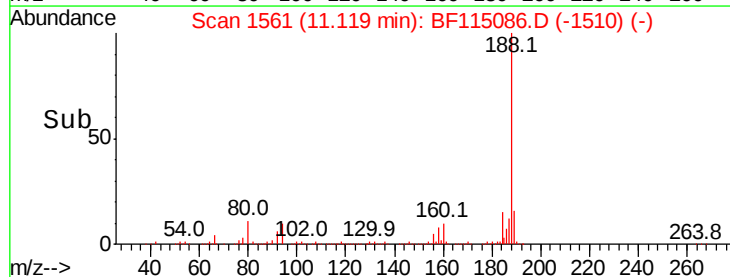


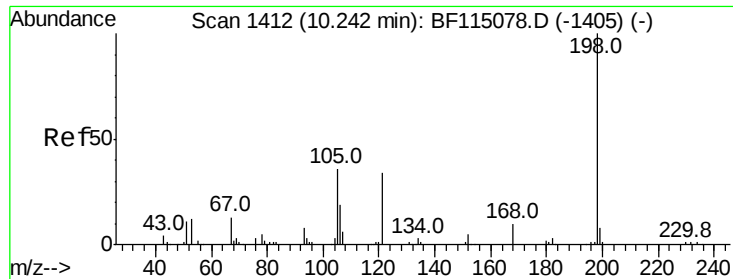
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion: 188 Resp: 1039127
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 11.2 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

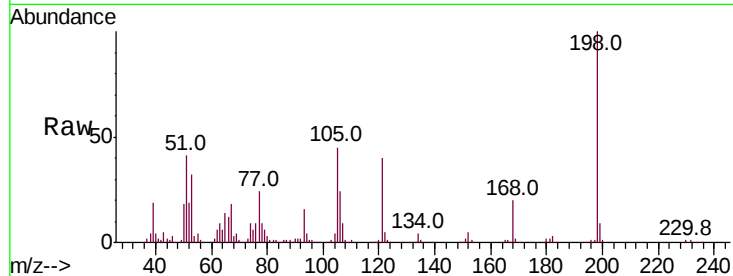




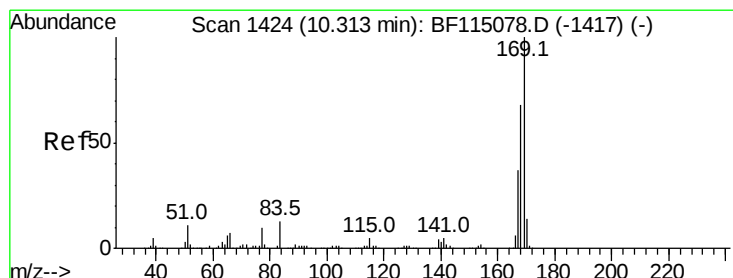
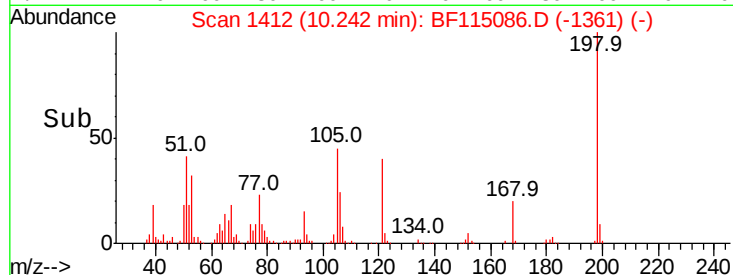
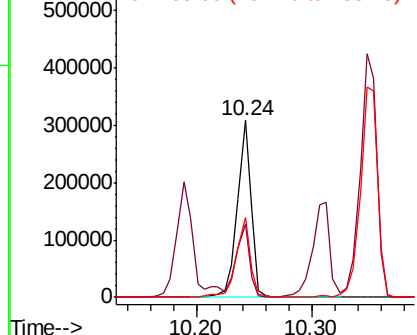
#65
4,6-Dinitro-2-methylphenol
Concen: 46.713 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampled :
PB120722BS

Tot Ion:198 Resp: 257458
Ion Ratio Lower Upper
198 100
51 41.2 11.0 51.0
105 45.1 17.3 57.3

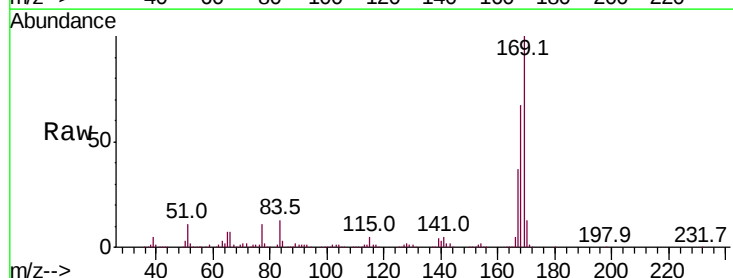


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

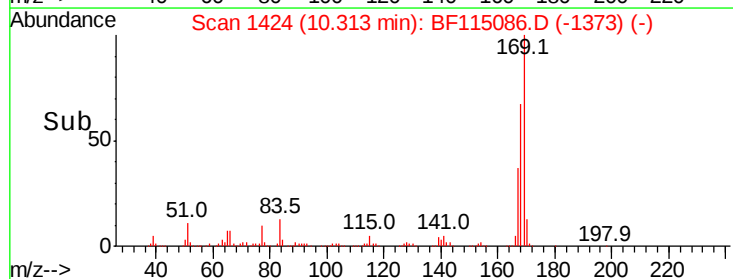
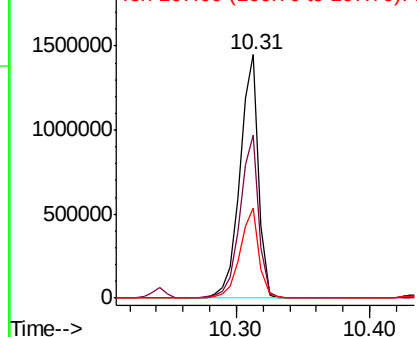


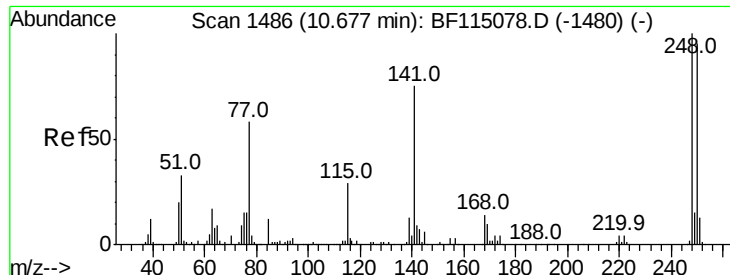
#66
n-Nitrosodiphenylamine
Concen: 43.168 ng
RT: 10.31 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:169 Resp: 1397511
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.4
167 36.9 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

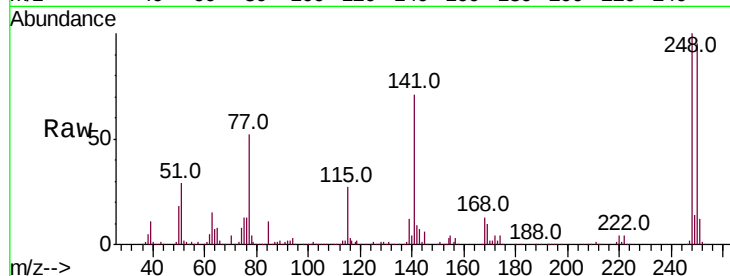




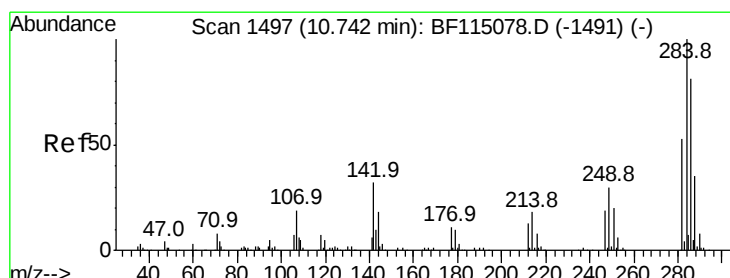
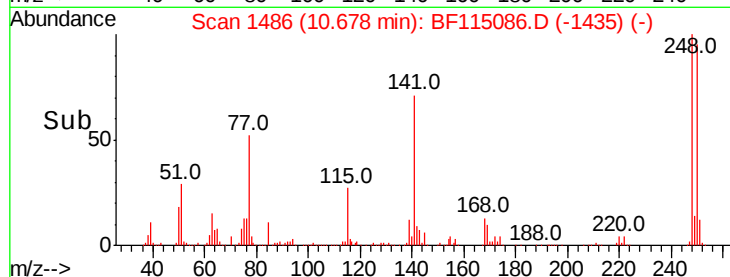
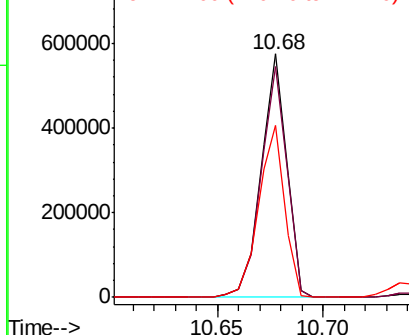
#67
4-Bromophenyl-phenylether
Concen: 43.022 ng
RT: 10.68 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:248 Resp: 484695
Ion Ratio Lower Upper
248 100
250 94.9 76.2 114.2
141 70.8 59.6 89.4

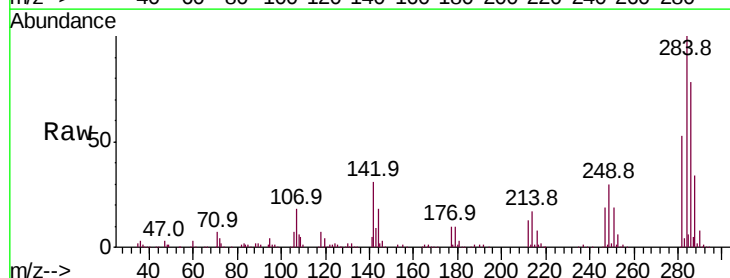


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

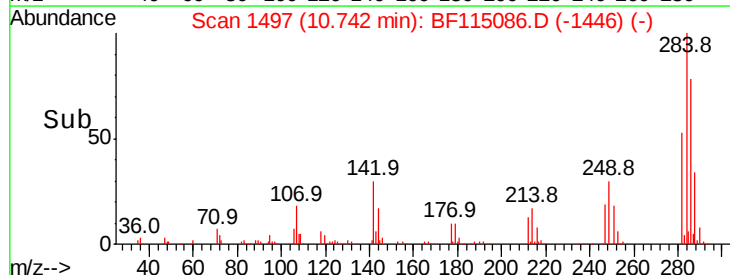
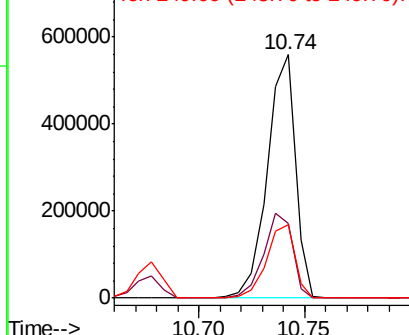


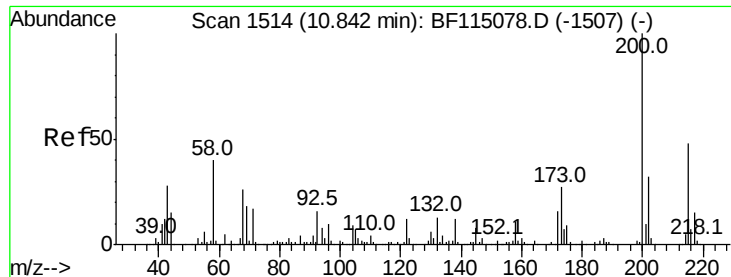
#68
Hexachlorobenzene
Concen: 42.518 ng
RT: 10.74 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:284 Resp: 519949
Ion Ratio Lower Upper
284 100
142 30.5 25.8 38.8
249 30.0 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

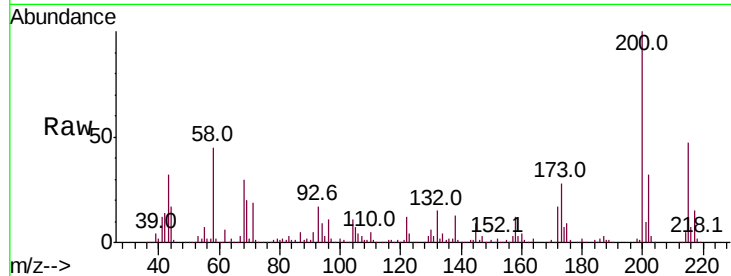




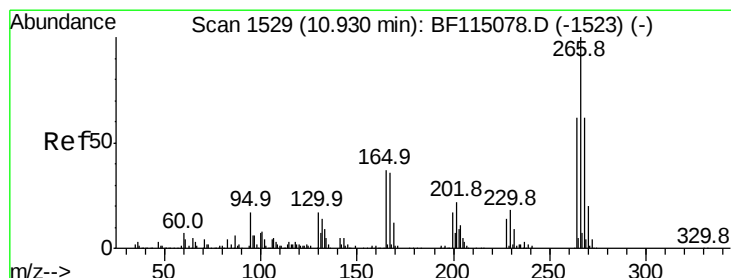
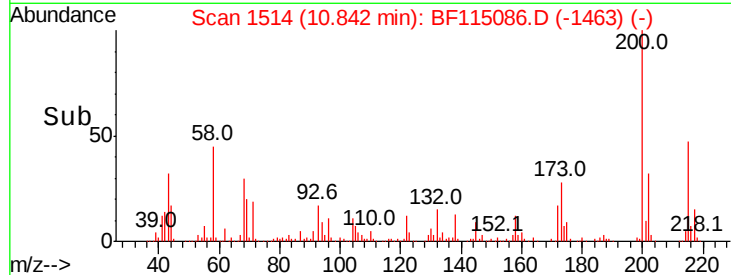
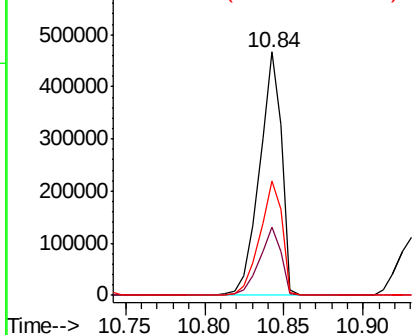
#69
Atrazine
Concen: 43.862 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:200 Resp: 456779
Ion Ratio Lower Upper
200 100
173 28.1 7.4 47.4
215 47.0 27.8 67.8

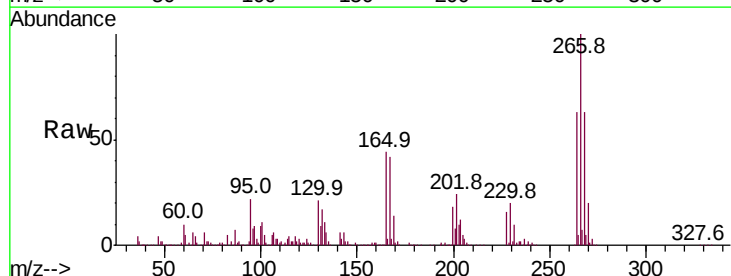


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

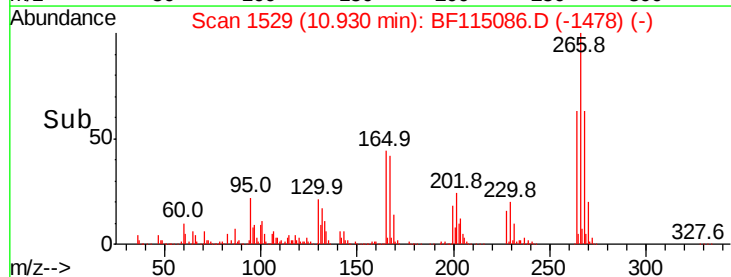
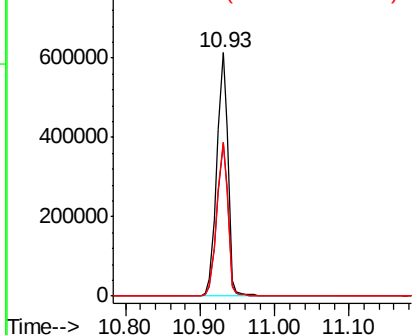


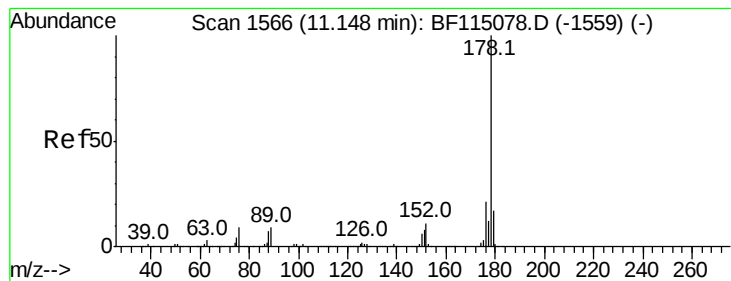
#70
Pentachlorophenol
Concen: 81.202 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:266 Resp: 632615
Ion Ratio Lower Upper
266 100
268 62.6 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: 40.360 ng

RT: 11.15 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

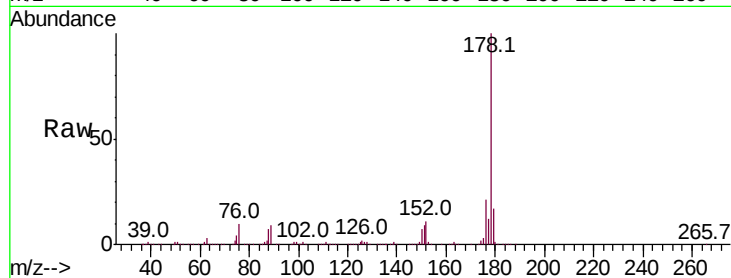
Tot Ion:178 Resp: 2258083

Ion Ratio Lower Upper

178 100

176 21.4 16.9 25.3

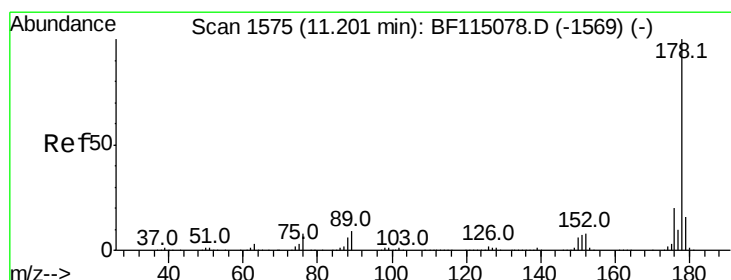
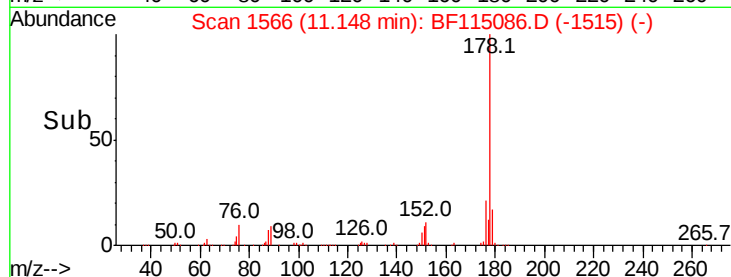
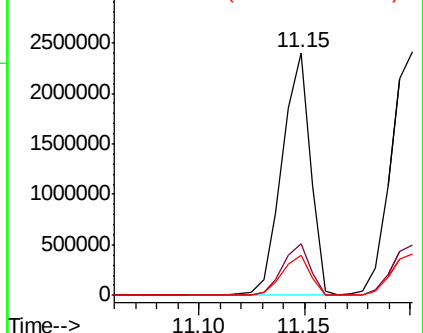
179 16.6 13.2 19.8



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: 40.538 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

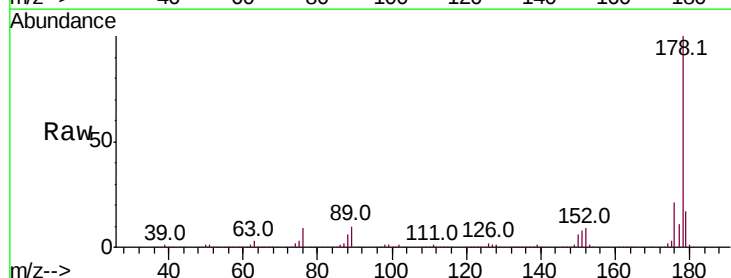
Tgt Ion:178 Resp: 2289434

Ion Ratio Lower Upper

178 100

176 20.8 16.1 24.1

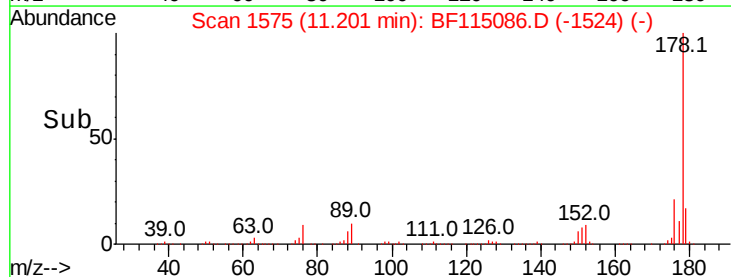
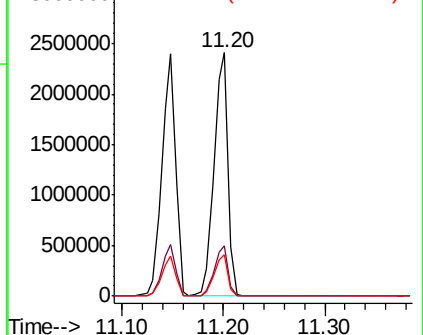
179 17.0 12.9 19.3

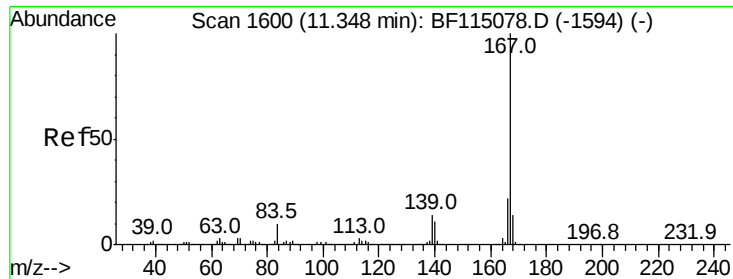


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



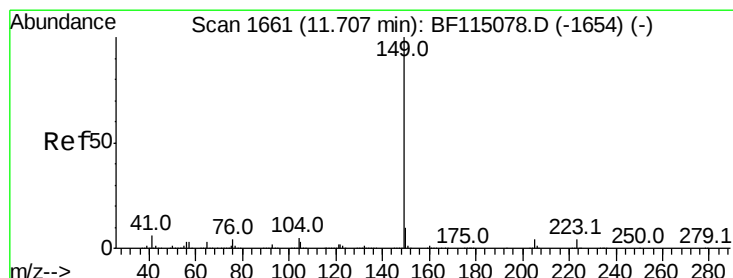
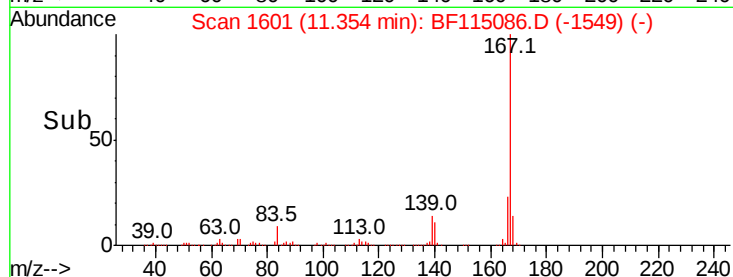
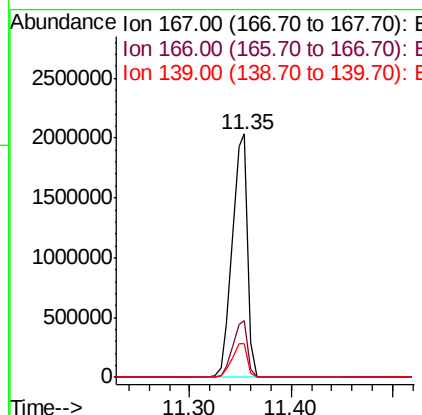
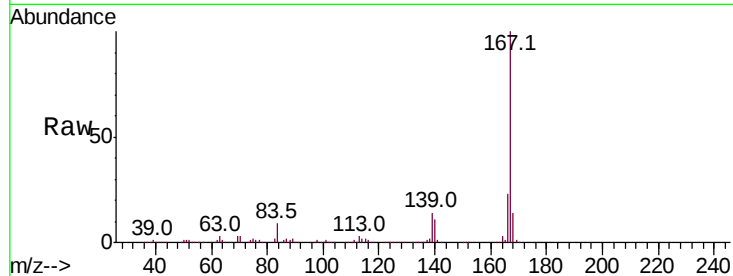


#73
 Carbazole
 Concen: 42.124 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion:167 Resp: 2124341

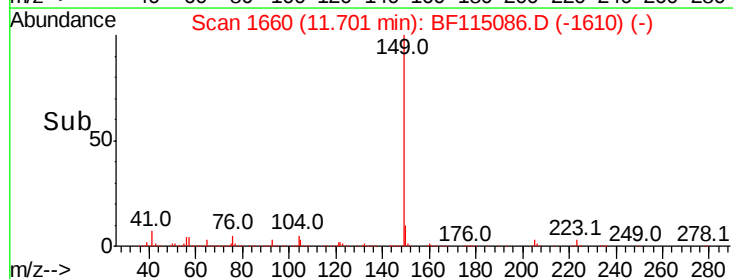
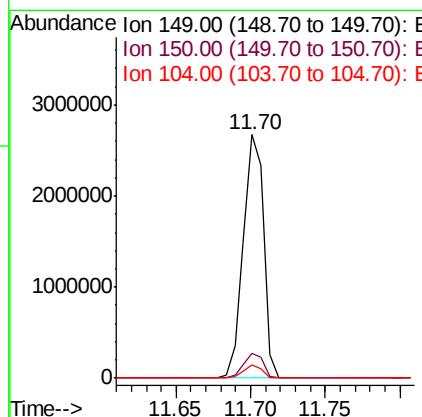
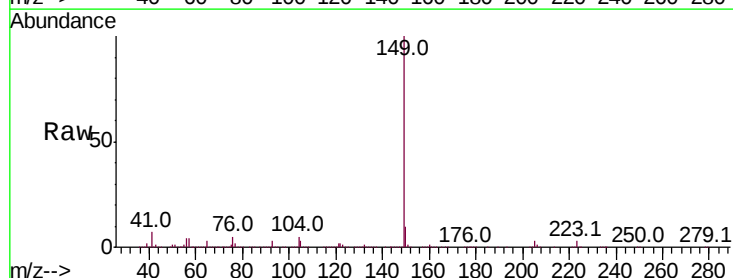
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.0	11.1	16.7

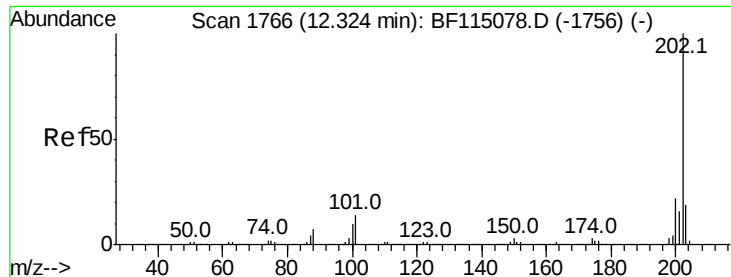


#74
 Di-n-butylphthalate
 Concen: 43.455 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion:149 Resp: 2532382

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.2	3.7	5.5

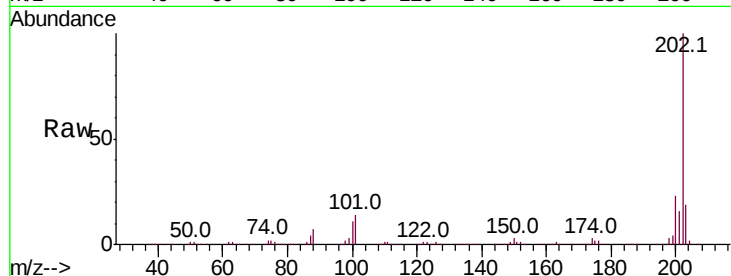




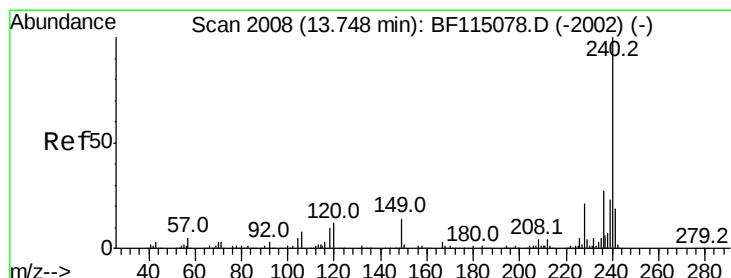
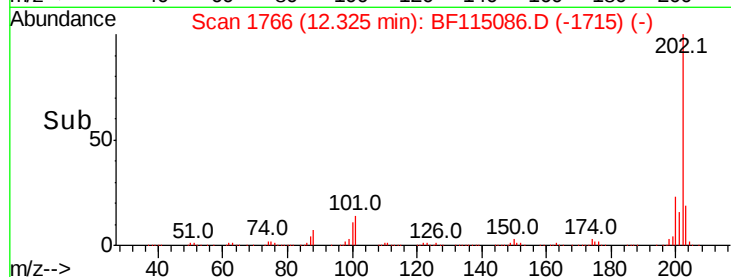
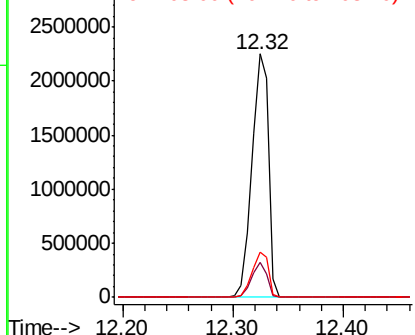
#75
 Fluoranthene
 Concen: 42.488 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion:202 Resp: 2371757
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 34.0
 203 18.7 0.0 38.8

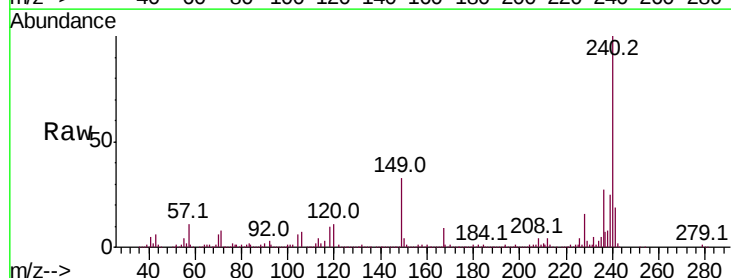


Abundance Ion 202.00 (201.70 to 202.70): E
 3000000 Ion 101.00 (100.70 to 101.70): E
 2500000 Ion 203.00 (202.70 to 203.70): E

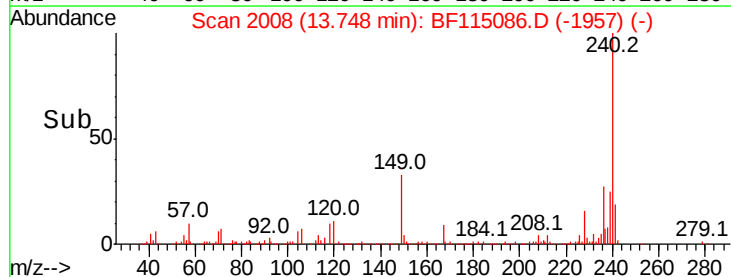
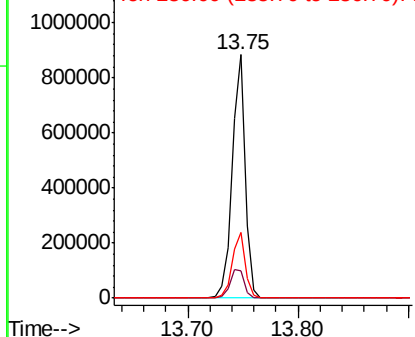


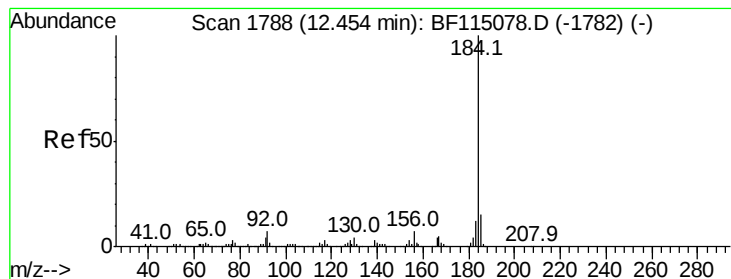
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion:240 Resp: 732420
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.4 14.2
 236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 1200000 Ion 120.00 (119.70 to 120.70): E
 1000000 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.976 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

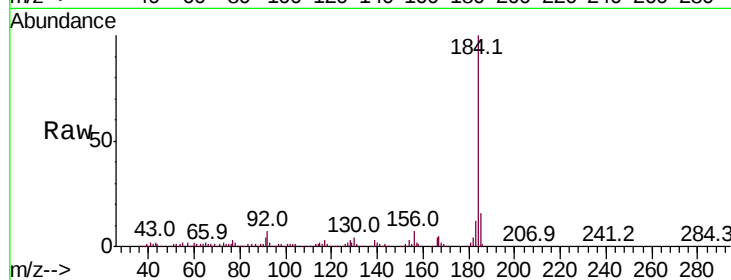
Tot Ion:184 Resp: 519583

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

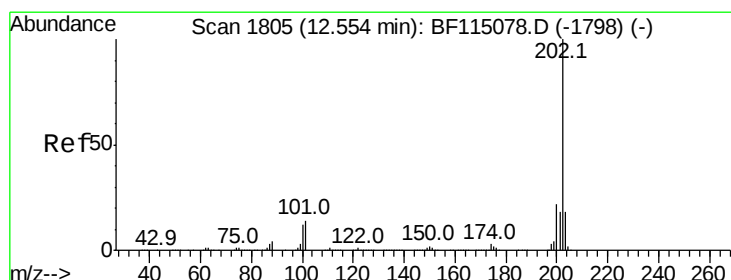
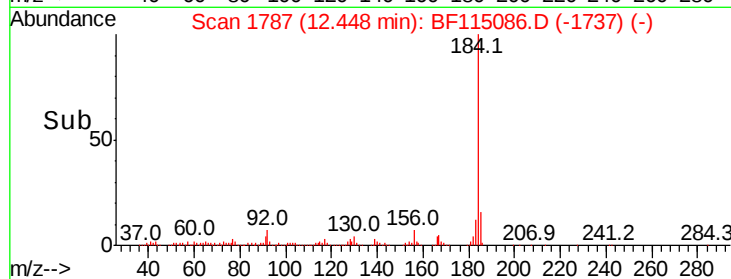
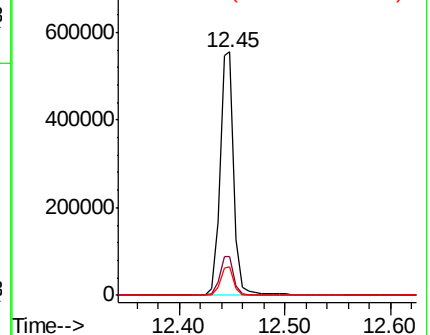
183 11.5 9.6 14.4



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: 42.622 ng

RT: 12.55 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

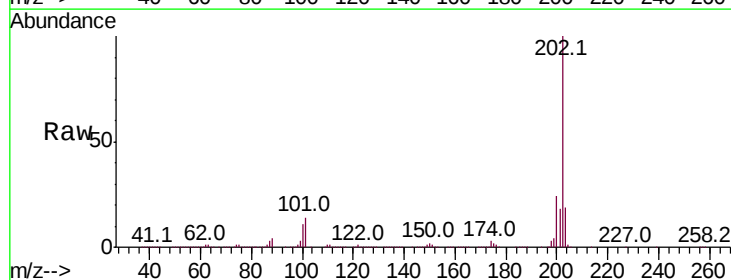
Tgt Ion:202 Resp: 2399033

Ion Ratio Lower Upper

202 100

200 23.6 17.9 26.9

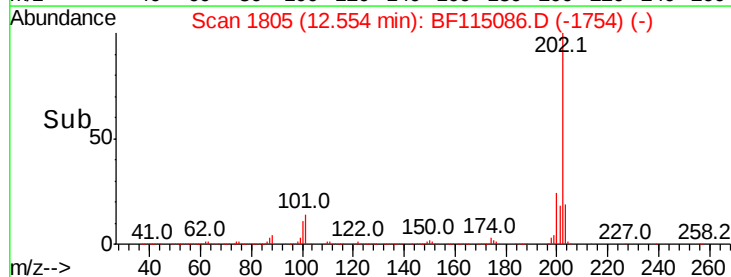
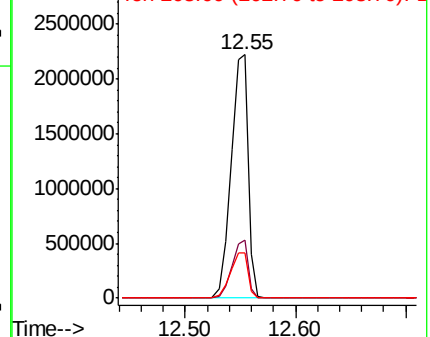
203 18.7 14.6 21.8

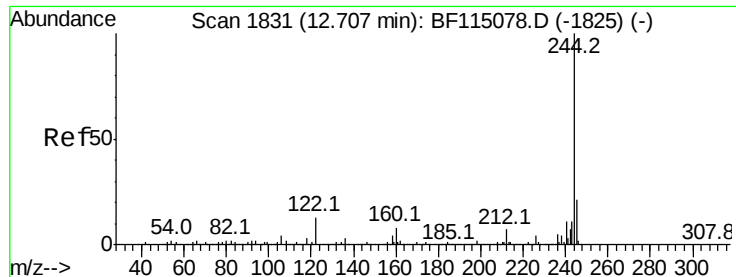


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.180 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

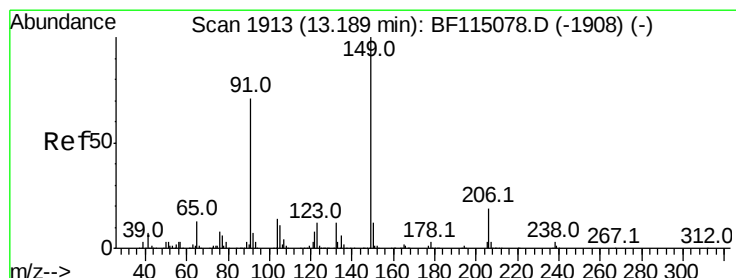
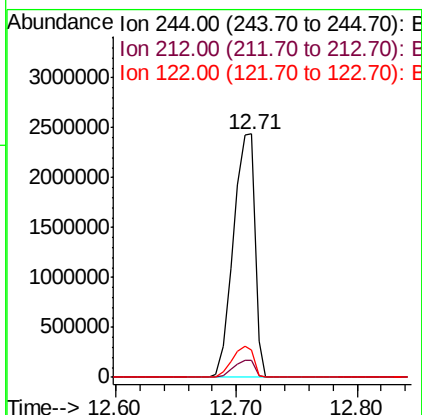
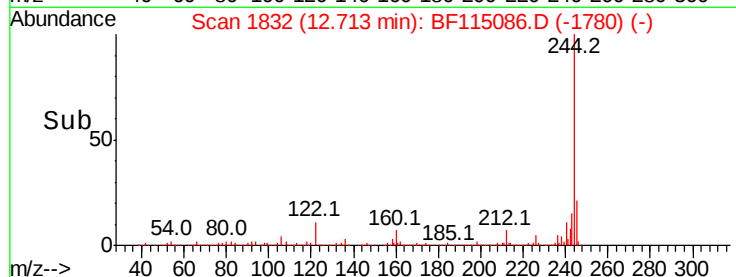
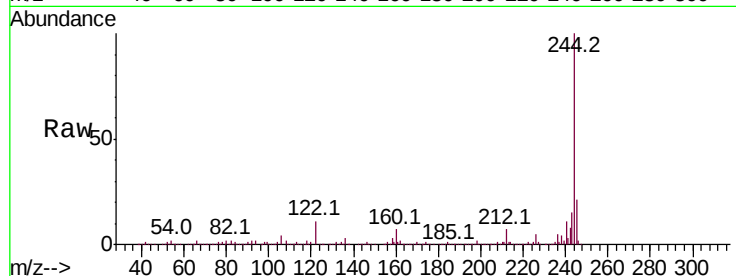
Tot Ion:244 Resp: 3037621

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 11.3 10.4 15.6



#80

Butylbenzylphthalate

Concen: 46.803 ng

RT: 13.19 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

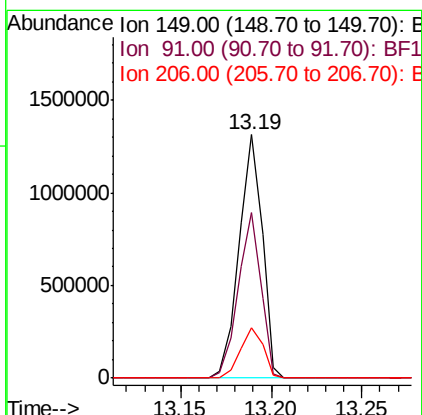
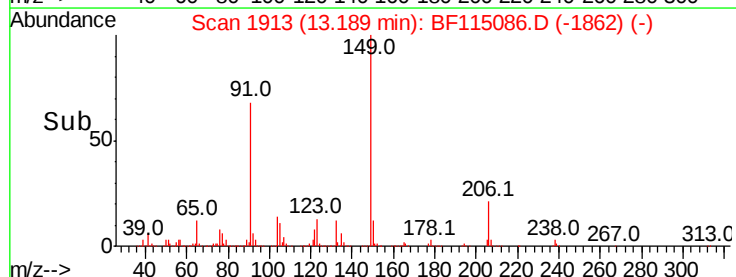
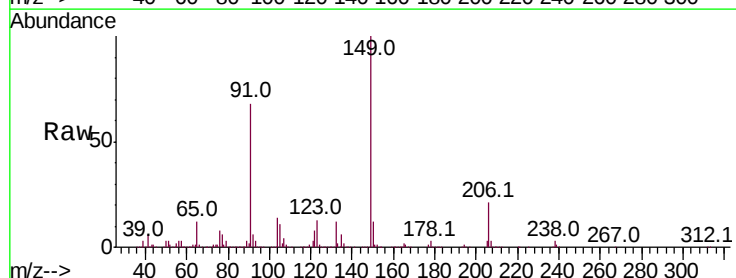
Tgt Ion:149 Resp: 1162590

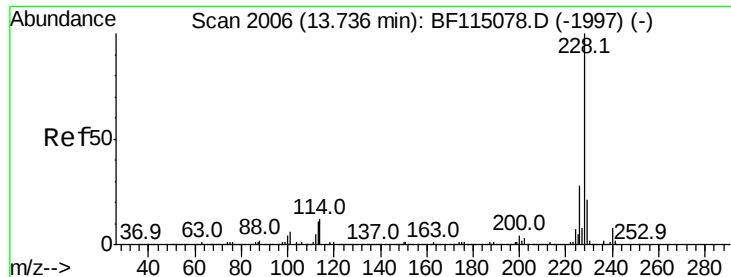
Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

206 20.6 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.182 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

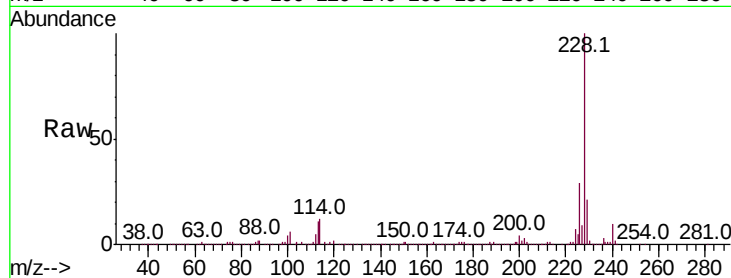
BNA_F

ClientSampled :

PB120722BS

Tot Ion:228 Resp: 2216816

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	21.5	16.6	24.8

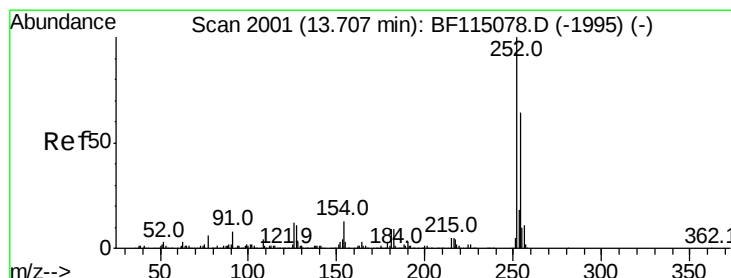
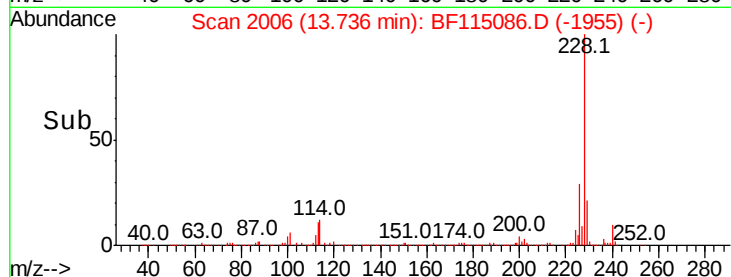
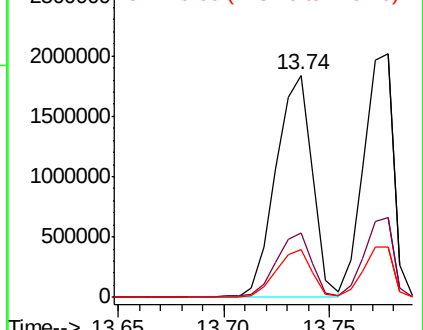


Abundance

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: 27.820 ng

RT: 13.71 min Scan# 2001

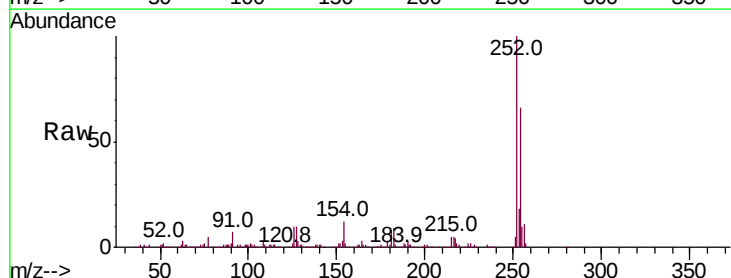
Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Tgt Ion:252 Resp: 527977

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.1	76.7
126	10.1	9.4	14.0

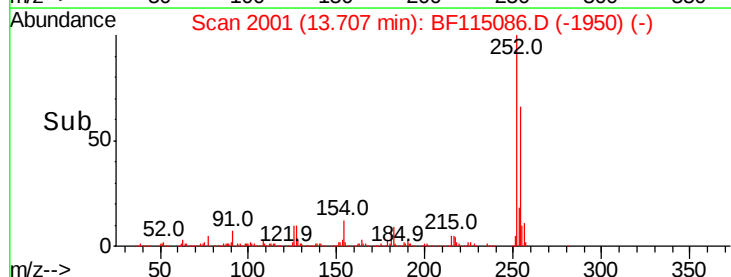
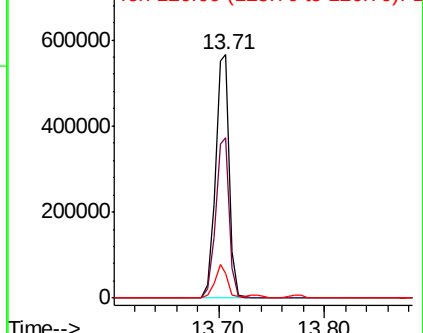


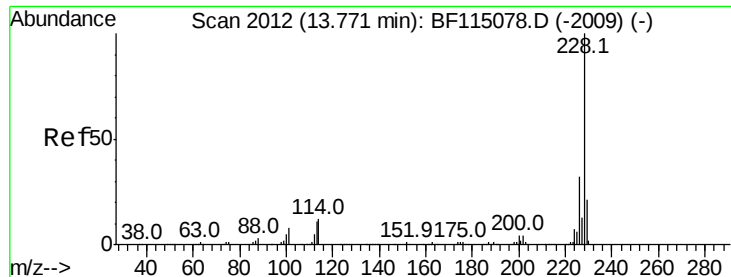
Abundance

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: 41.453 ng

RT: 13.78 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

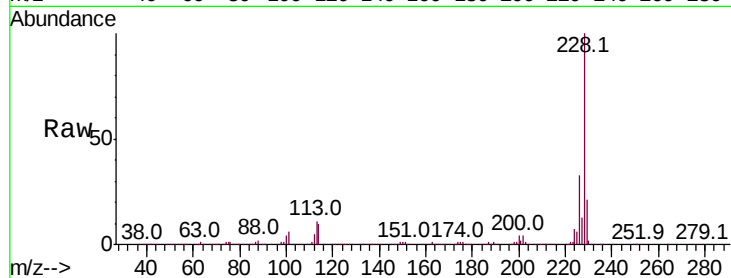
Tot Ion:228 Resp: 1995535

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

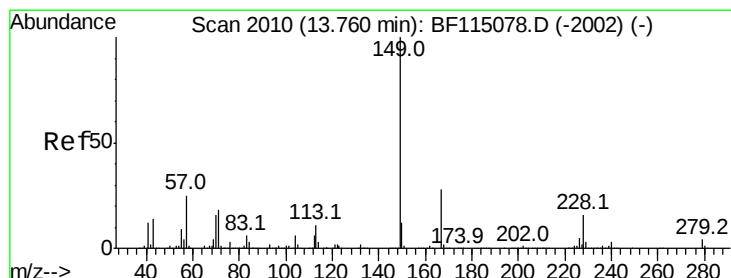
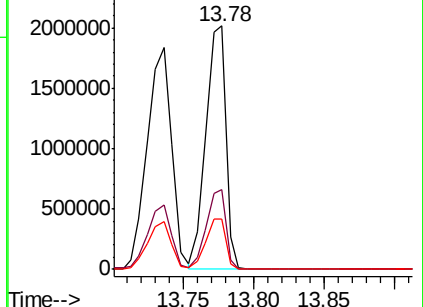
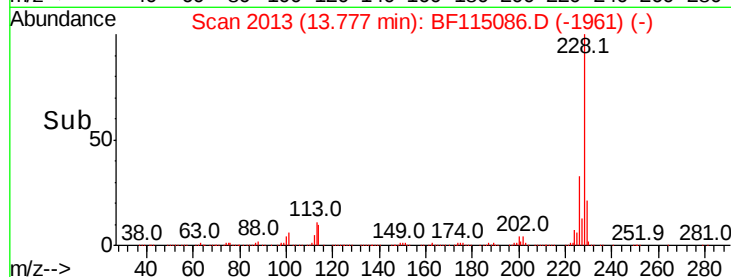
229 20.9 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.642 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

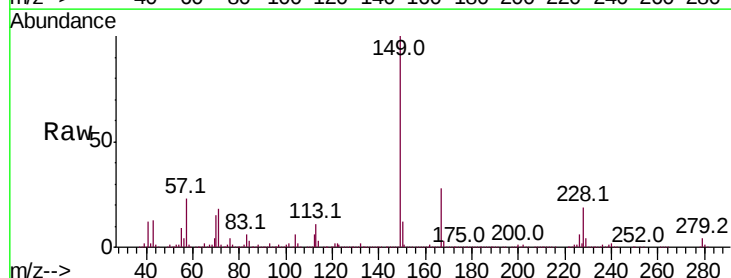
Tgt Ion:149 Resp: 1485567

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

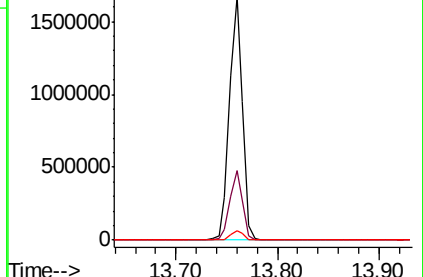
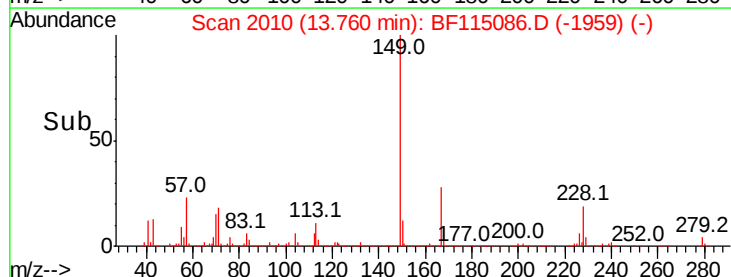
279 4.1 2.9 4.3

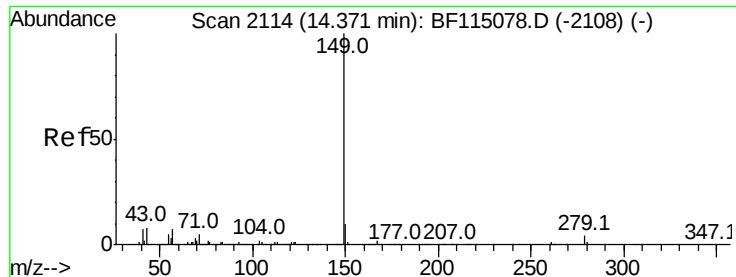


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.714 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

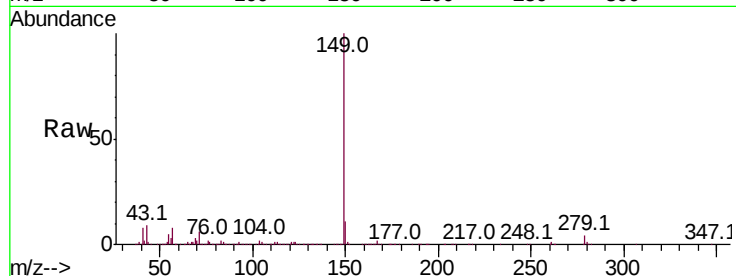
Tot Ion:149 Resp: 2609306

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

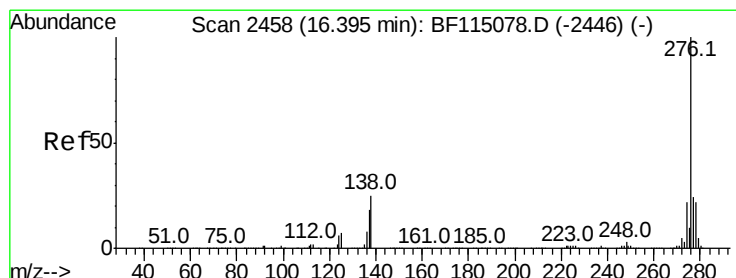
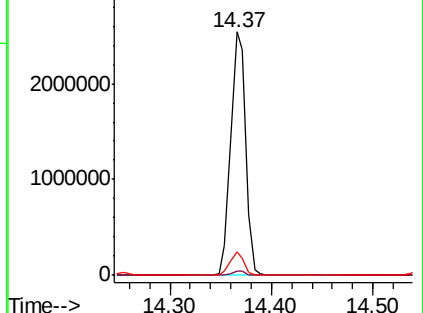
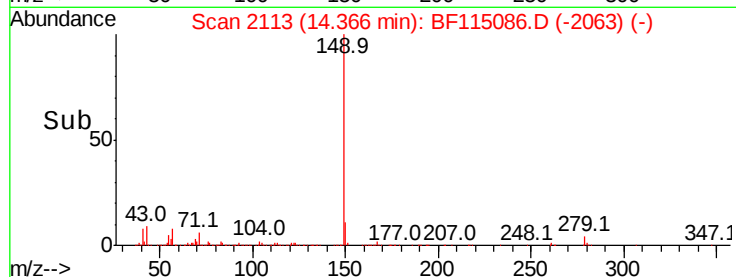
43 8.9 7.0 10.6



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: 45.139 ng

RT: 16.39 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

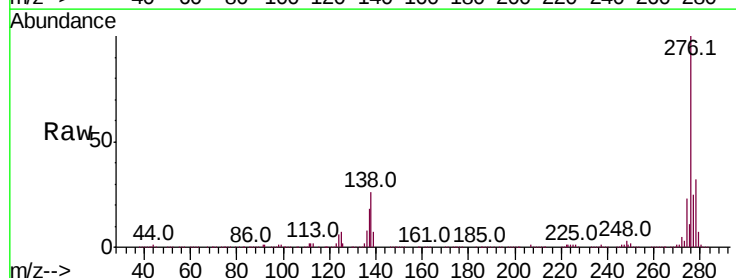
Tgt Ion:276 Resp: 2571298

Ion Ratio Lower Upper

276 100

138 29.0 23.2 34.8

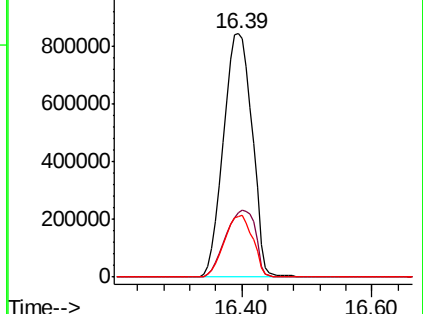
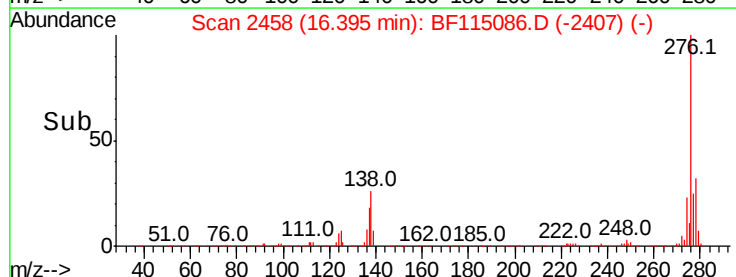
277 25.5 20.1 30.1

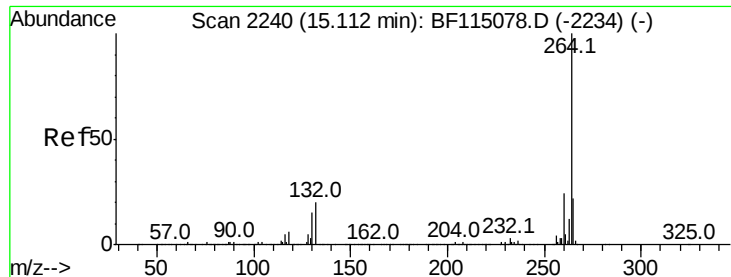


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



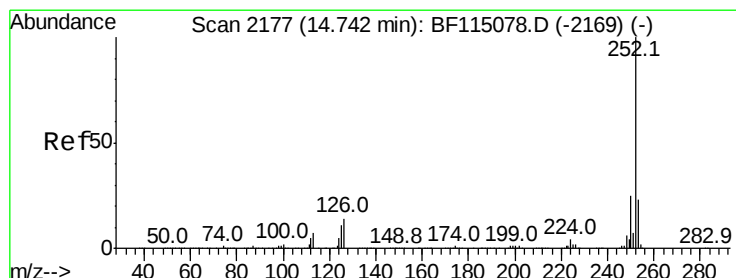
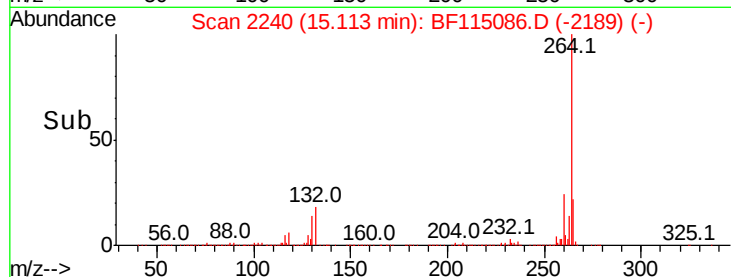
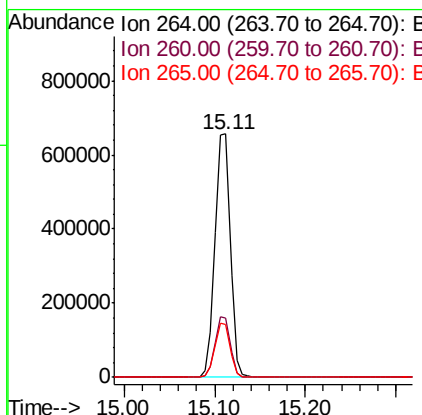
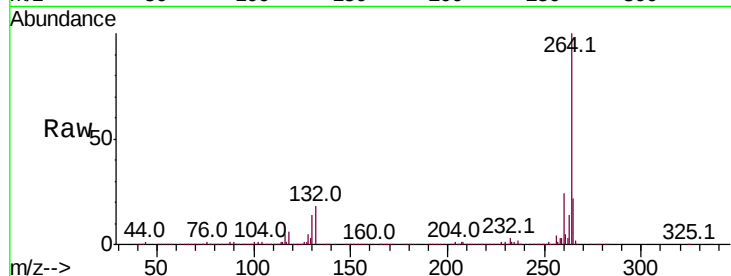


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:264 Resp: 772665

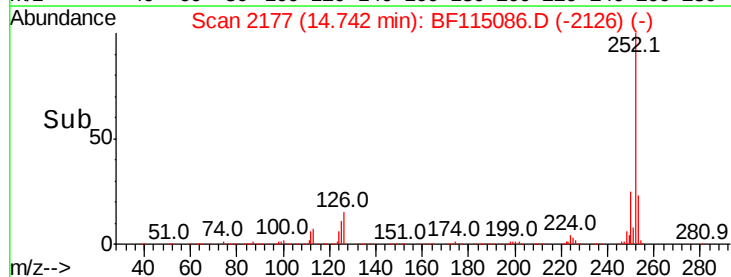
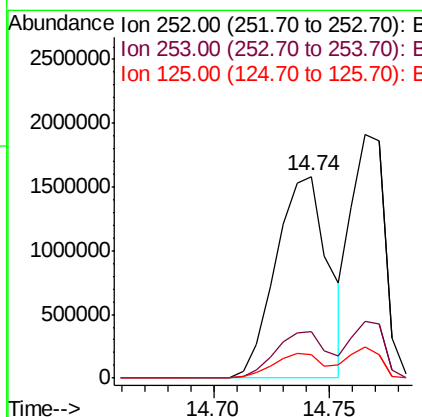
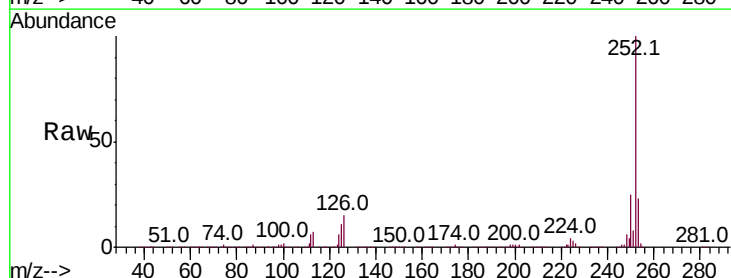
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.7	17.3	25.9

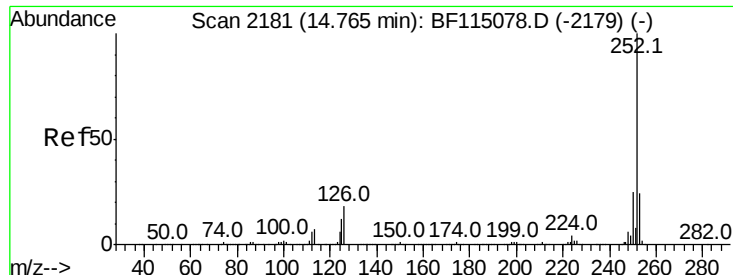


#88
Benzo(b)fluoranthene
Concen: 51.670 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:252 Resp: 2491139

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.5	8.7	13.1

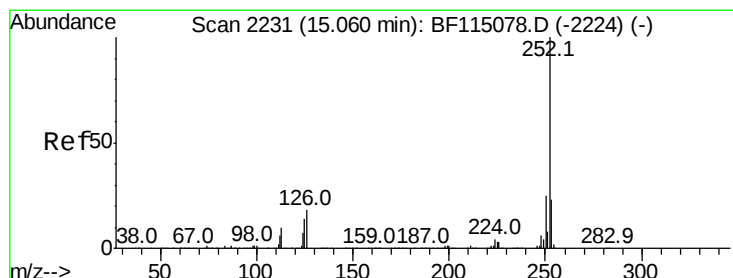
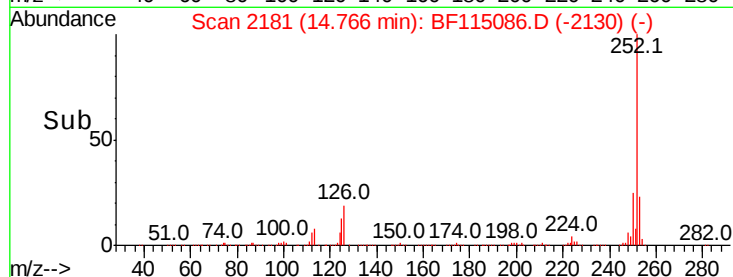
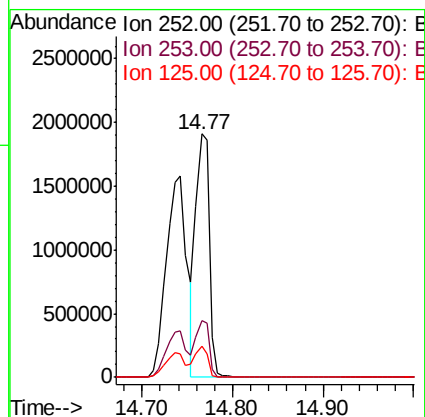
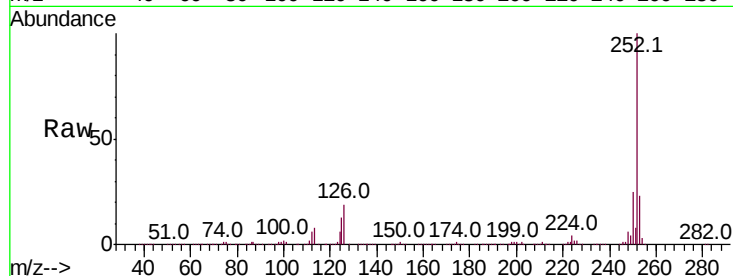




#89
Benzo(k)fluoranthene
Concen: 45.159 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

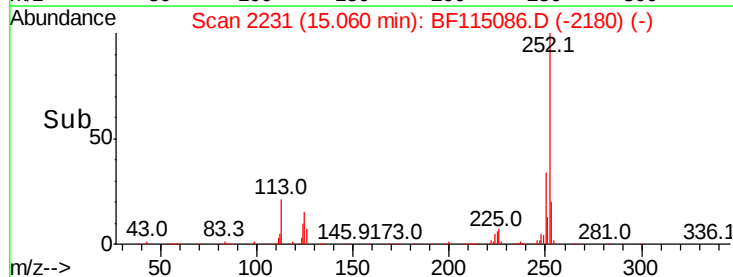
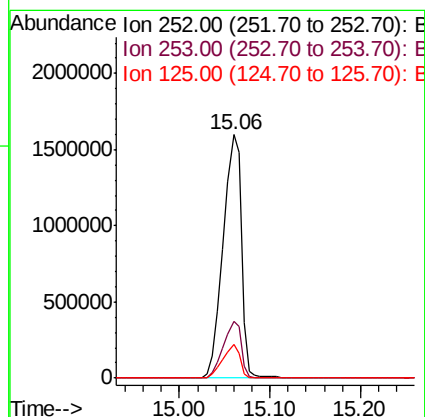
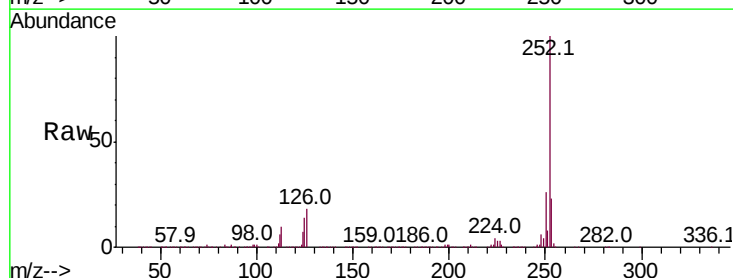
Instrument :
BNA_F
ClientSampleId :
PB120722BS

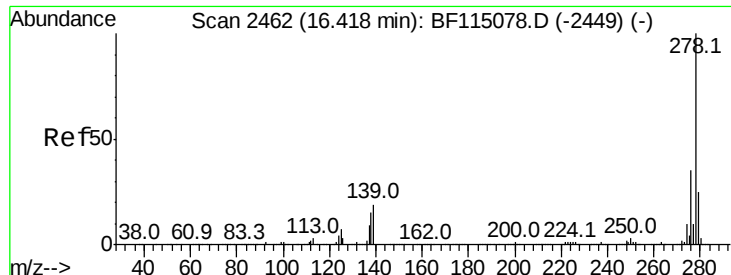
Tot Ion:252 Resp: 1952486
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 12.8 10.2 15.2



#90
Benzo(a)pyrene
Concen: 51.119 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:252 Resp: 2221327
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 13.7 10.9 16.3



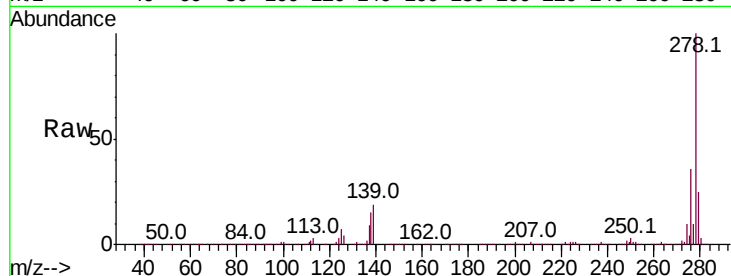


#91
Dibenzo(a,h)anthracene
Concen: 51.831 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

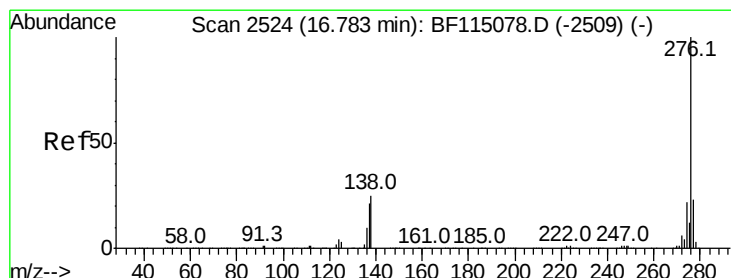
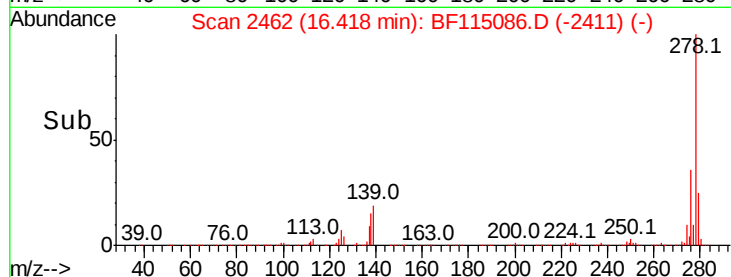
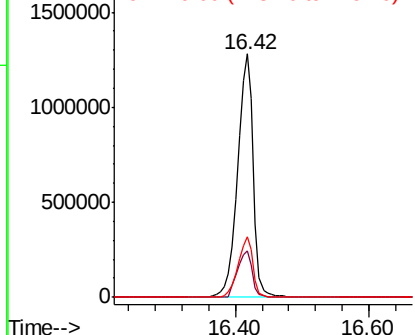
Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion:278 Resp: 2102634

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.2
279	24.7	19.9	29.9



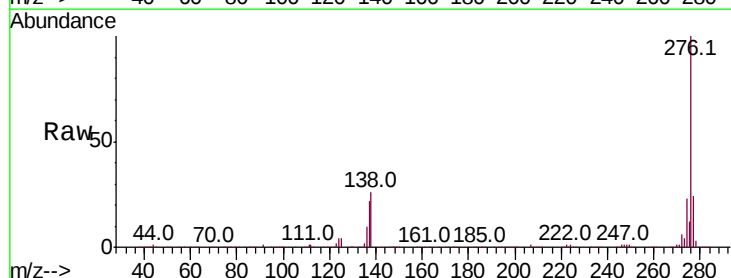
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.839 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion:276 Resp: 2169486

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	26.3	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

