

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112474.D
 Acq On : 8 Feb 2019 21:52
 Operator : JU/SJ
 Sample : K1385-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Quant Time: Feb 09 04:59:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84932	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	329499	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	163542	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	303416	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	205115	20.00	ng	0.00
87) Perylene-d12	15.47	264	200760	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	465440	116.40	ng	-0.02
7) Phenol-d6	6.48	99	593964	106.90	ng	-0.01
23) Nitrobenzene-d5	7.40	82	368864	64.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	161844	85.02	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	784123	67.81	ng	-0.02
79) Terphenyl-d14	12.94	244	765445	70.29	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	54842	34.430	ng	96
3) Pyridine	3.32	79	128835	31.797	ng	96
4) n-Nitrosodimethylamine	3.25	42	67548	39.680	ng	# 87
6) Aniline	6.50	93	68084	10.301	ng	# 1
8) 2-Chlorophenol	6.63	128	186399	34.652	ng	99
9) Benzaldehyde	6.38	77	84451	29.080	ng	99
10) Phenol	6.50	94	220560	36.182	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	159842	33.306	ng	97
12) 1,3-Dichlorobenzene	6.77	146	201511	32.167	ng	98
13) 1,4-Dichlorobenzene	6.85	146	209674	32.522	ng	99
14) 1,2-Dichlorobenzene	7.00	146	197659	32.745	ng	98
15) Benzyl Alcohol	6.98	79	153766	32.830	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	198260	32.175	ng	# 17
17) 2-Methylphenol	7.10	107	144822	33.963	ng	# 88
18) Hexachloroethane	7.34	117	66815	29.512	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	123522	32.241	ng	99
20) 3+4-Methylphenols	7.26	107	193221	35.435	ng	# 61
22) Acetophenone	7.24	105	259323	32.321	ng	# 92
24) Nitrobenzene	7.42	77	184123	32.239	ng	97
25) Isophorone	7.65	82	335036	37.346	ng	99
26) 2-Nitrophenol	7.73	139	83656	27.409	ng	95
27) 2,4-Dimethylphenol	7.77	122	160085	38.069	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	209760	34.339	ng	99
29) 2,4-Dichlorophenol	7.99	162	160835	34.178	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	178513	33.002	ng	99
31) Naphthalene	8.13	128	562142	36.482	ng	98
32) Benzoic acid	7.77	122	160085	66.739	ng	# 15
33) 4-Chloroaniline	8.19	127	50910	7.588	ng	96
34) Hexachlorobutadiene	8.25	225	98987	31.185	ng	100
35) Caprolactam	8.54	113	46602	28.072	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	161732	32.466	ng	99
37) 2-Methylnaphthalene	8.83	142	396125	37.553	ng	98
38) 1-Methylnaphthalene	8.93	142	370415	36.636	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	176291	32.831	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	17088	16.903	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	102666	31.018	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	103365	29.880	ng	98
46) 1,1'-Biphenyl	9.29	154	474589	33.194	ng	98
47) 2-Chloronaphthalene	9.32	162	364456	32.872	ng	96
48) 2-Nitroaniline	9.42	65	102118	33.792	ng	90
49) Acenaphthylene	9.73	152	586440	36.087	ng	98
50) Dimethylphthalate	9.59	163	482820	37.998	ng	99
51) 2,6-Dinitrotoluene	9.66	165	92783	32.604	ng	94
52) Acenaphthene	9.90	154	336740	34.688	ng	98
53) 3-Nitroaniline	9.83	138	58910	19.108	ng	82
55) Dibenzofuran	10.07	168	510290	34.398	ng	95
56) 4-Nitrophenol	10.02	139	62141	38.124	ng	92
57) 2,4-Dinitrotoluene	10.07	165	122244	33.743	ng	# 85
58) Fluorene	10.42	166	414698	37.356	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	72965	27.911	ng	94
60) Diethylphthalate	10.29	149	442557	35.097	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	196527	32.544	ng	# 89
62) 4-Nitroaniline	10.45	138	94549	31.266	ng	95
63) Azobenzene	10.57	77	369764	33.342	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	5207	3.061	ng	86
66) n-Nitrosodiphenylamine	10.53	169	362737	35.472	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	118688	33.259	ng	95
68) Hexachlorobenzene	10.97	284	126528	33.047	ng	98
69) Atrazine	11.05	200	117050	35.474	ng	97
70) Pentachlorophenol	11.18	266	47672	32.000	ng	99
71) Phenanthrene	11.38	178	629290	39.894	ng	98
72) Anthracene	11.43	178	605364	38.526	ng	97
73) Carbazole	11.59	167	522028	33.680	ng	99
74) Di-n-butylphthalate	11.91	149	698783	36.322	ng	98
75) Fluoranthene	12.57	202	676850	40.006	ng	98
77) Benzidine	12.69	184	86235	15.275	ng	96
78) Pyrene	12.80	202	637742	44.908	ng	99
80) Butylbenzylphthalate	13.40	149	257337	37.454	ng	91
81) Benzo(a)anthracene	13.99	228	491616	40.772	ng	97
82) 3,3'-Dichlorobenzidine	13.95	252	79776	17.679	ng	98
83) Chrysene	14.03	228	456986	39.704	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	372238	38.167	ng	96
85) Di-n-octyl phthalate	14.57	149	565200	37.667	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	404709	44.376	ng	97
88) Benzo(b)fluoranthene	15.04	252	511307	42.586	ng	100
89) Benzo(k)fluoranthene	15.07	252	400001	34.782	ng	98
90) Benzo(a)pyrene	15.42	252	435405	40.303	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	325013	37.329	ng	99
92) Benzo(g,h,i)perylene	17.41	276	318244	38.742	ng	98

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

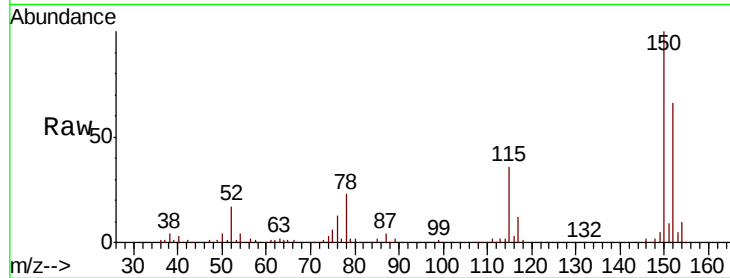


#1

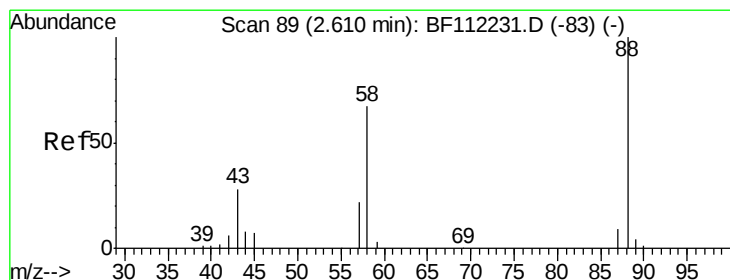
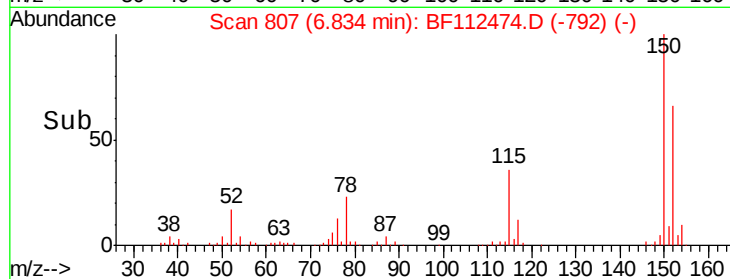
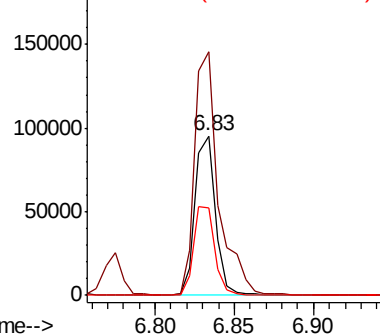
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion:152 Resp: 84932
Ion Ratio Lower Upper
152 100
150 152.5 127.4 191.0
115 54.7 45.5 68.3



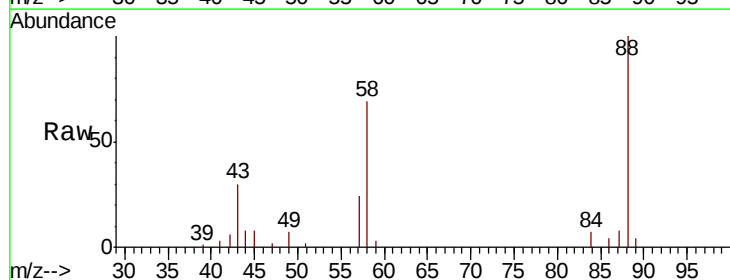
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



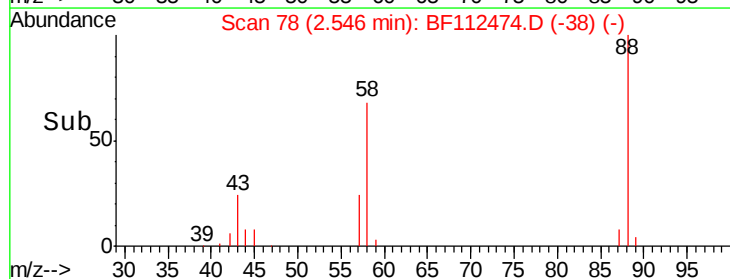
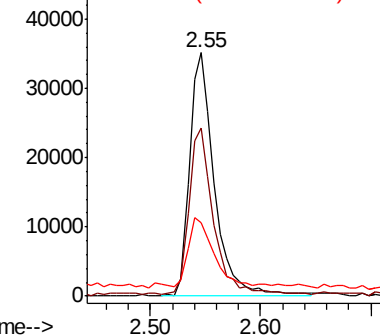
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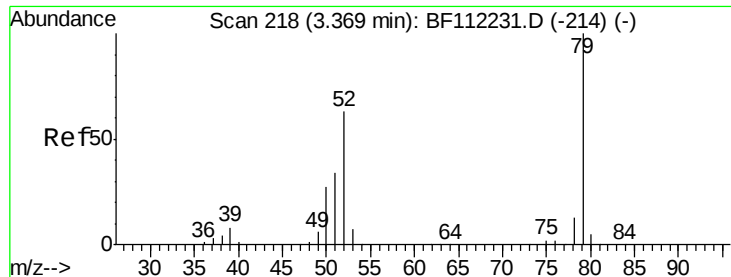
1,4-Dioxane
Concen: 34.430 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.06 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion: 88 Resp: 54842
Ion Ratio Lower Upper
88 100
58 67.3 57.4 86.2
43 28.7 22.2 33.4



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: 31.797 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.05 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

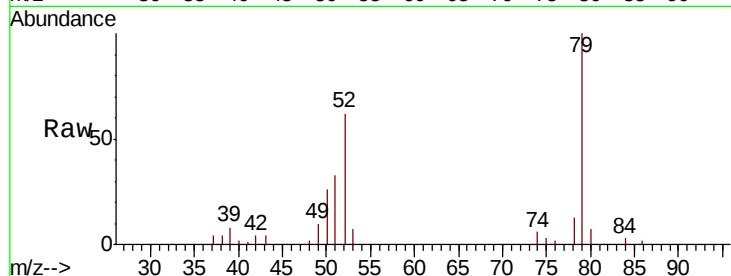
Tot Ion: 79 Resp: 128835

Ion Ratio Lower Upper

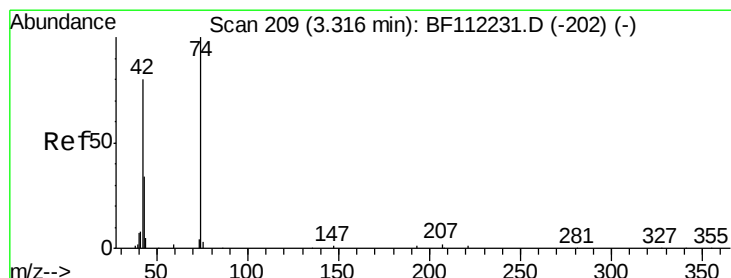
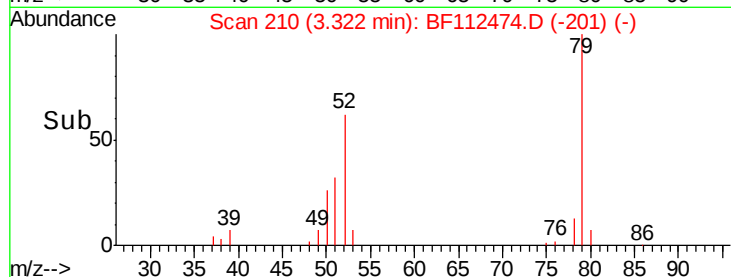
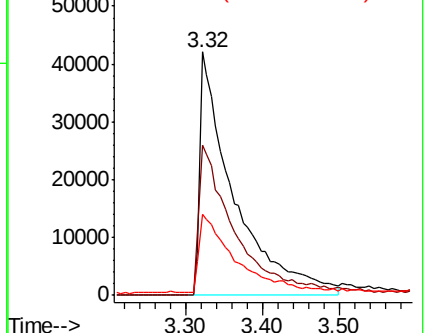
79 100

52 61.5 52.4 78.6

51 33.3 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: 39.680 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.06 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

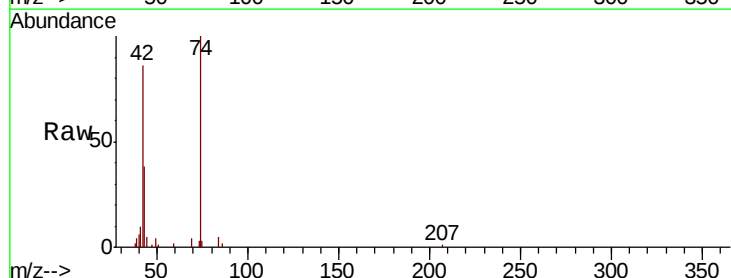
Tgt Ion: 42 Resp: 67548

Ion Ratio Lower Upper

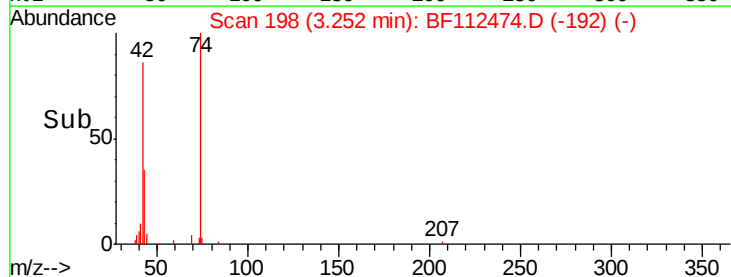
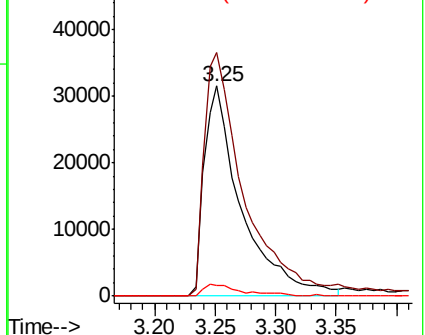
42 100

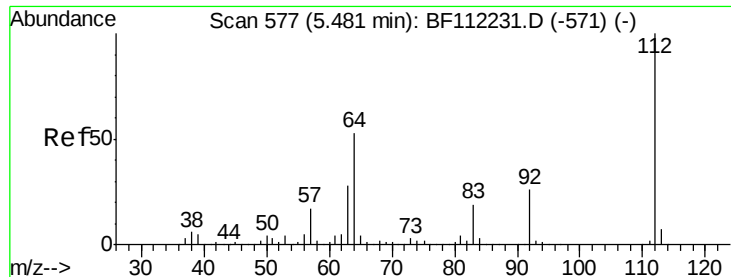
74 115.9 105.6 158.4

44 5.3 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.402 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

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ClientSampleId :

98-SB-01-2-4MS

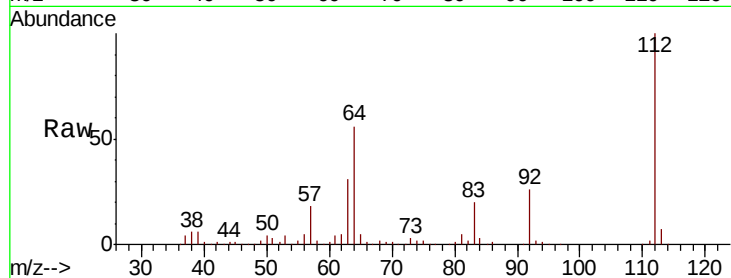
Tot Ion:112 Resp: 465440

Ion Ratio Lower Upper

112 100

64 56.5 45.7 68.5

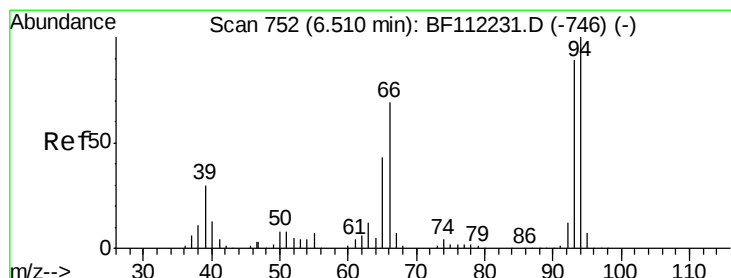
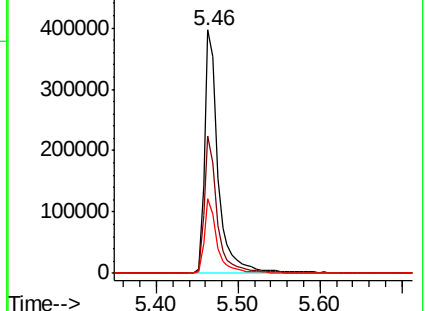
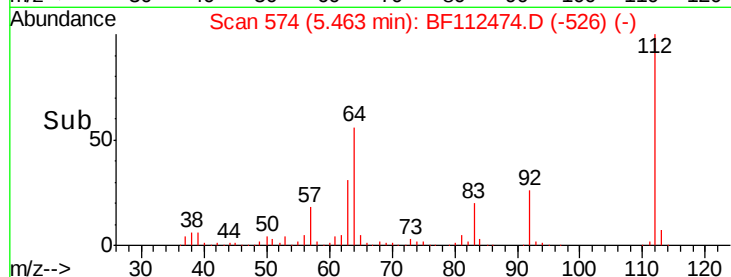
63 30.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.301 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

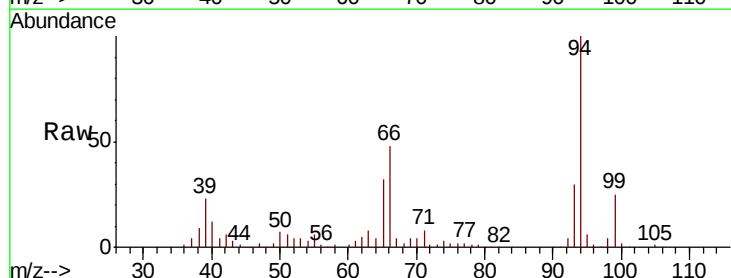
Tgt Ion: 93 Resp: 68084

Ion Ratio Lower Upper

93 100

66 159.7 43.4 65.2#

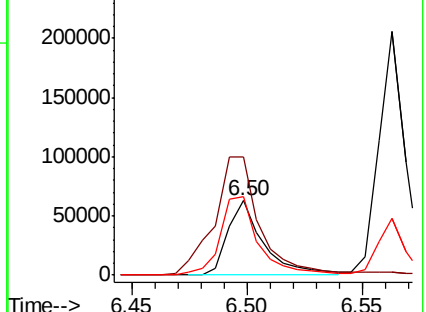
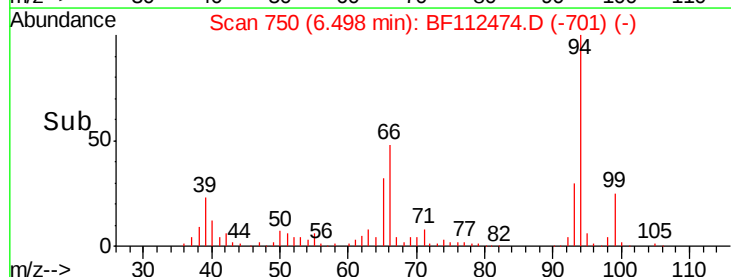
65 106.0 25.3 37.9#

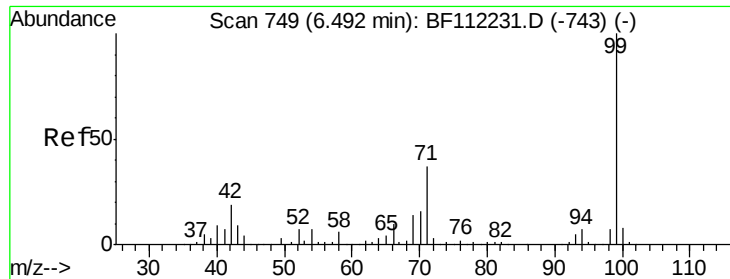


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.901 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112474.D

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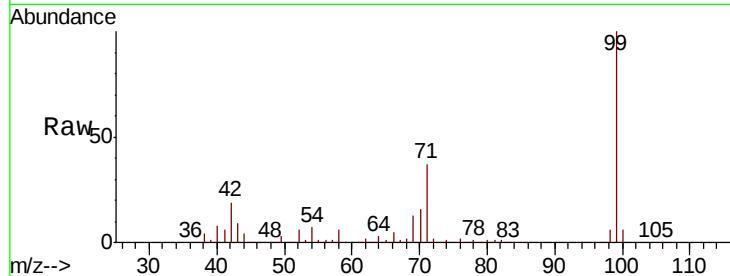
Tot Ion: 99 Resp: 593964

Ion Ratio Lower Upper

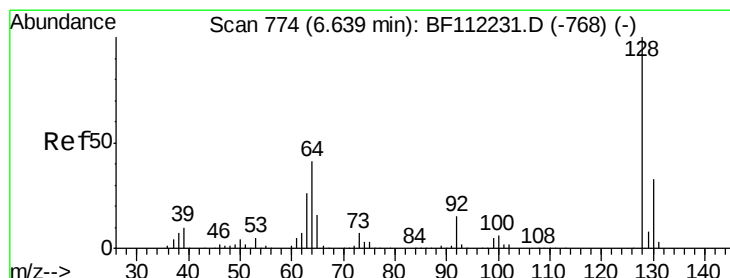
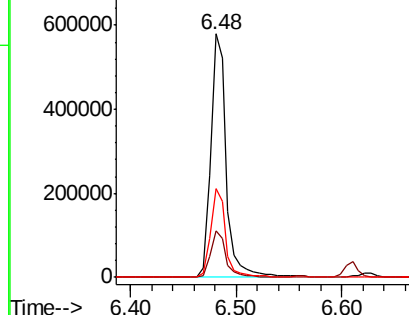
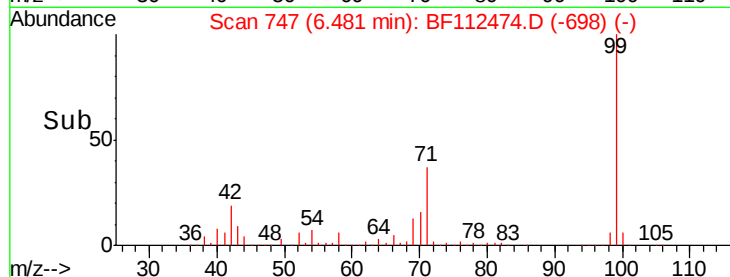
99 100

42 19.2 15.1 22.7

71 36.6 26.9 40.3



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: 34.652 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

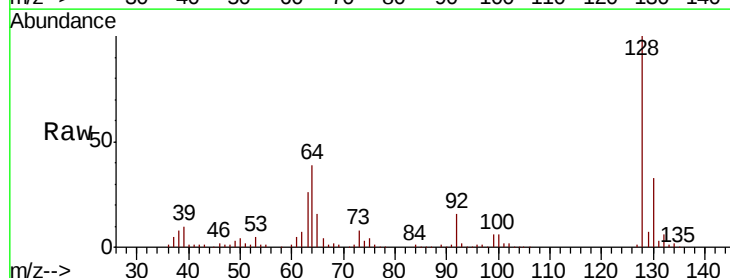
Tgt Ion: 128 Resp: 186399

Ion Ratio Lower Upper

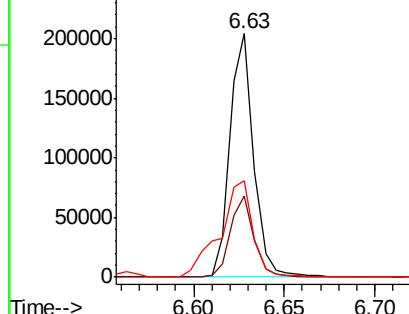
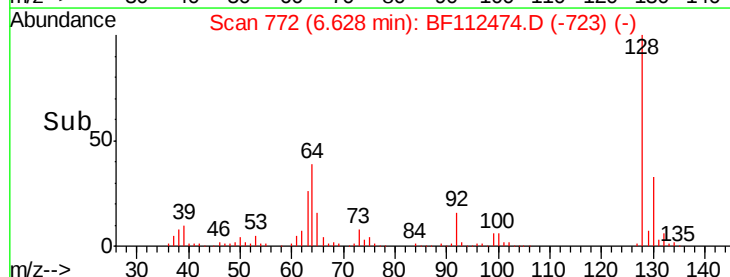
128 100

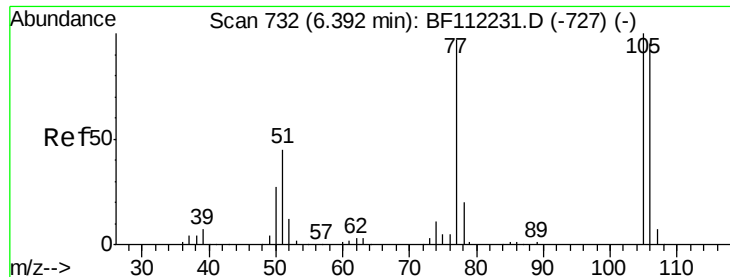
130 33.3 13.4 53.4

64 39.4 20.5 60.5



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: 29.080 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

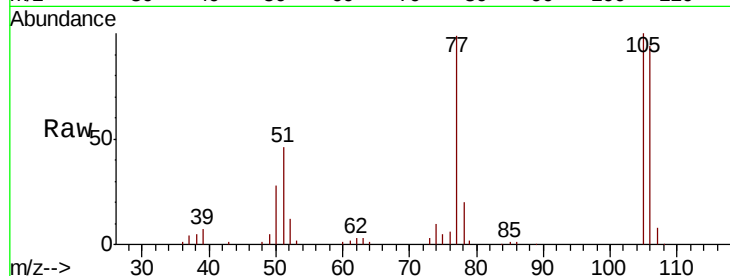
Tot Ion: 77 Resp: 84451

Ion Ratio Lower Upper

77 100

105 100.9 80.8 120.8

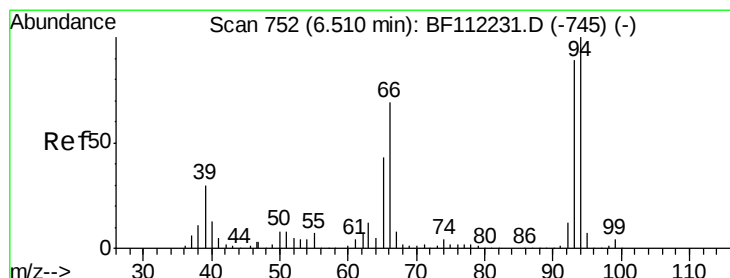
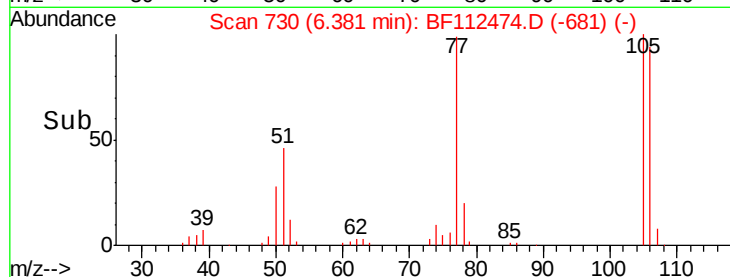
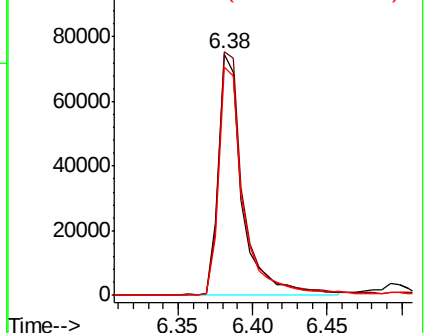
106 94.8 75.7 115.7



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: 36.182 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

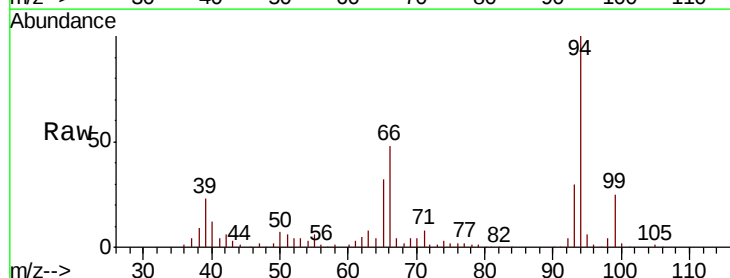
Tgt Ion: 94 Resp: 220560

Ion Ratio Lower Upper

94 100

65 32.1 20.3 60.3

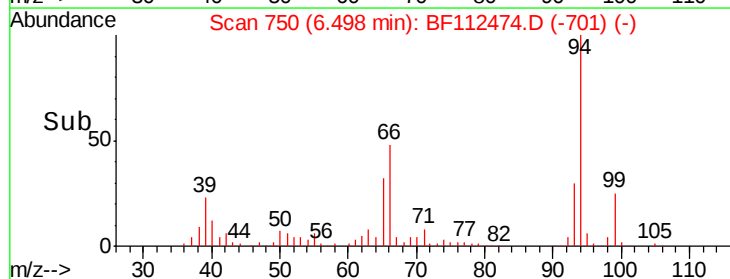
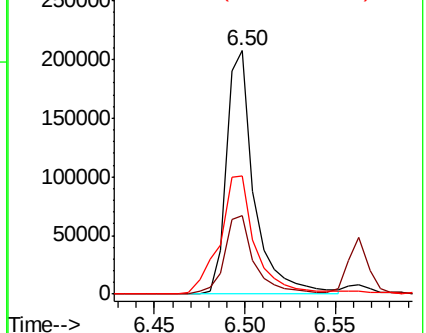
66 48.4 42.4 82.4

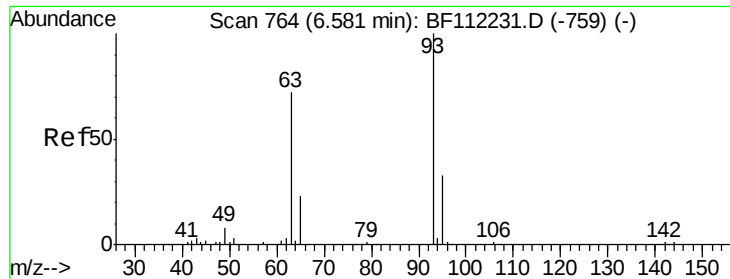


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

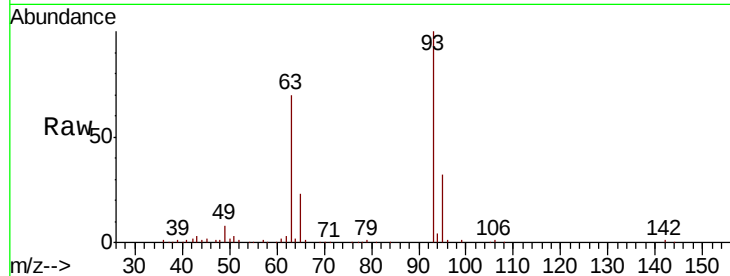




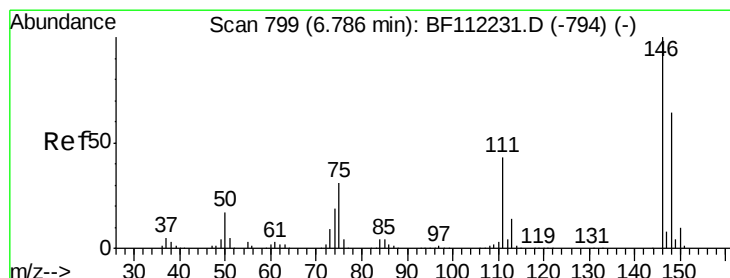
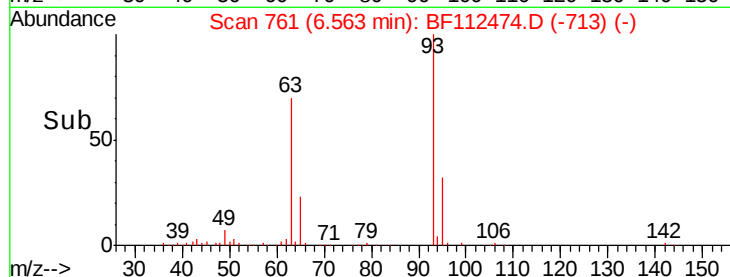
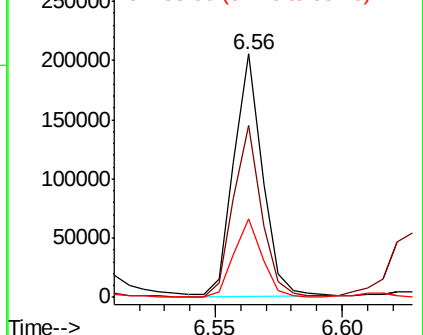
#11
bis(2-Chloroethyl)ether
Concen: 33.306 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion: 93 Resp: 159842
Ion Ratio Lower Upper
93 100
63 70.5 53.3 93.3
95 32.4 13.4 53.4

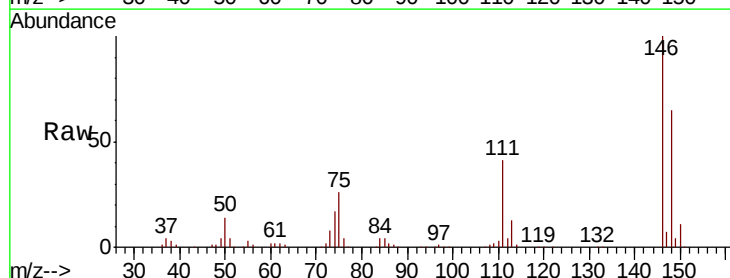


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

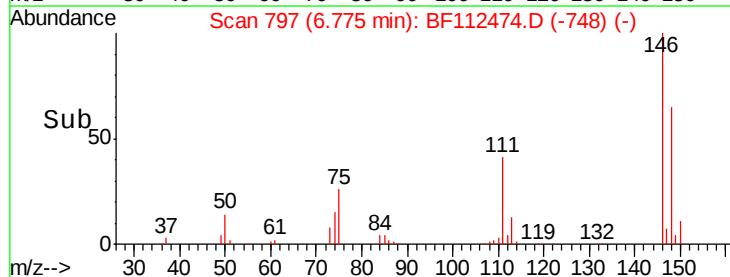
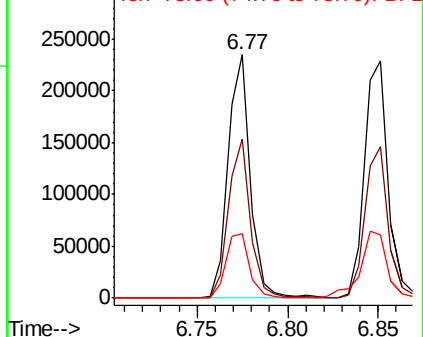


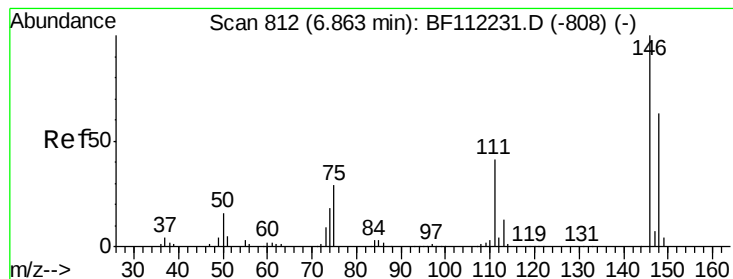
#12
1,3-Dichlorobenzene
Concen: 32.167 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion: 146 Resp: 201511
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 26.4 23.1 34.7



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: 32.522 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

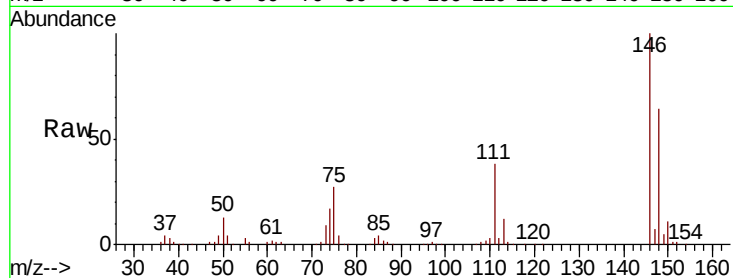
Tot Ion:146 Resp: 209674

Ion Ratio Lower Upper

146 100

148 63.9 52.0 78.0

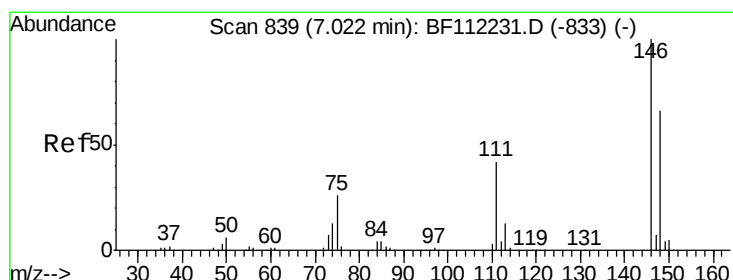
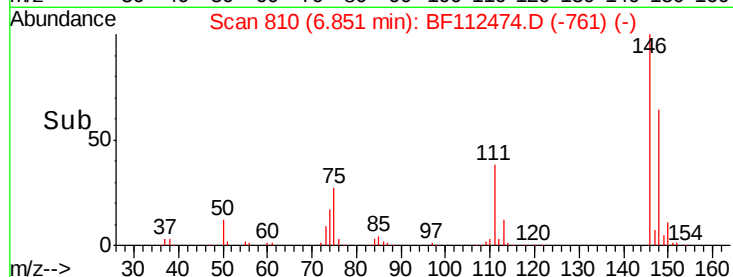
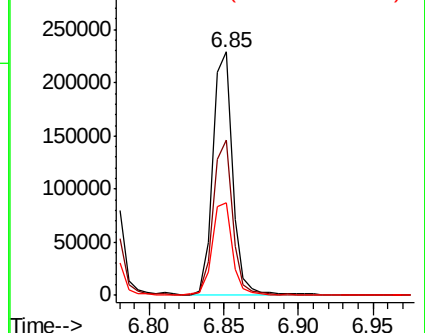
111 38.0 31.2 46.8



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



#14

1,2-Dichlorobenzene

Concen: 32.745 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

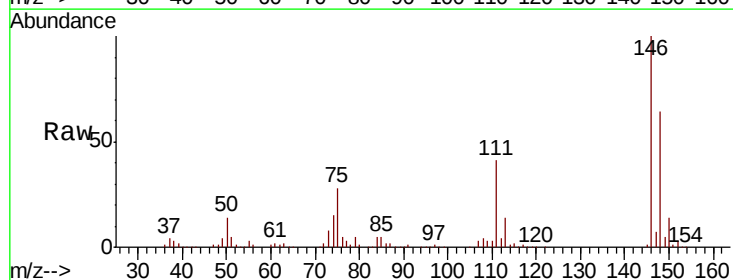
Tgt Ion:146 Resp: 197659

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.4

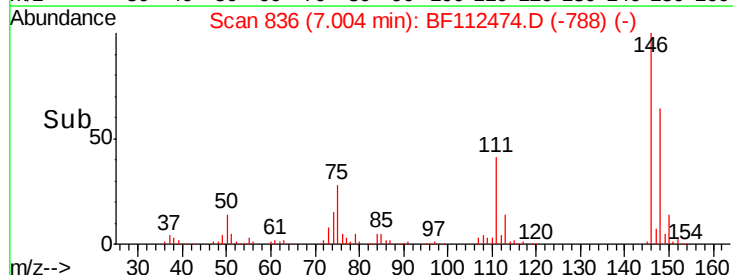
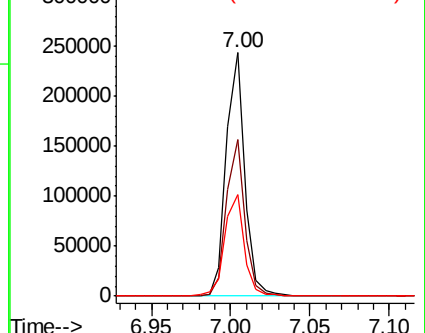
111 41.5 31.2 46.8

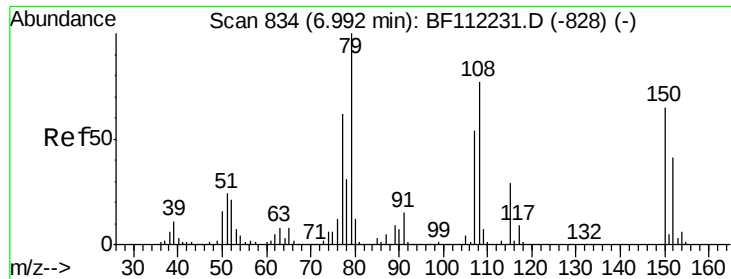


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

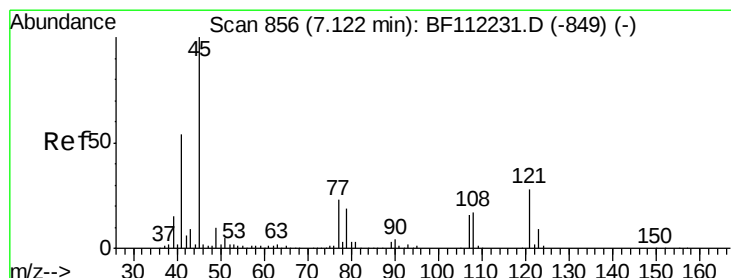
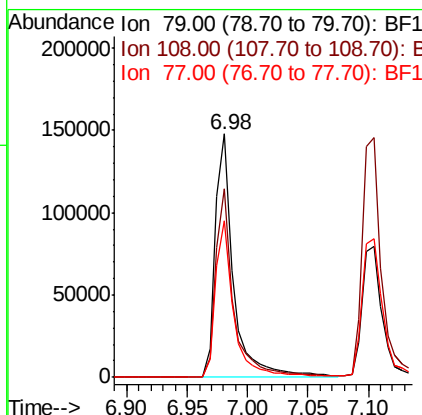
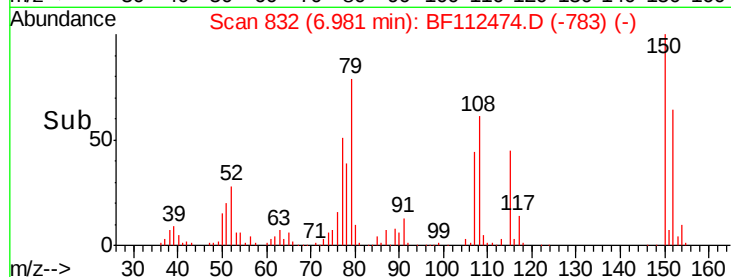
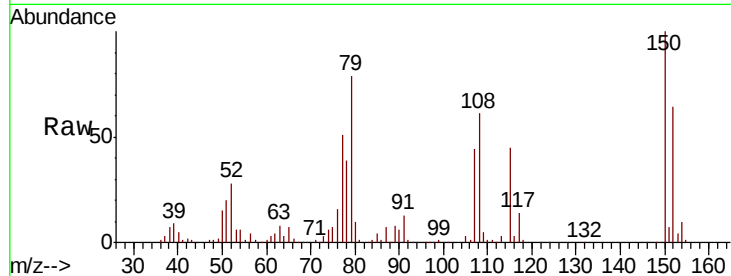




#15
Benzyl Alcohol
Concen: 32.830 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

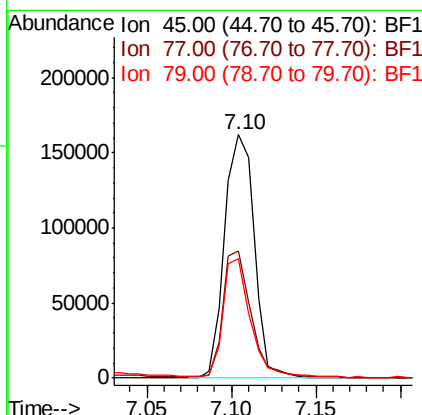
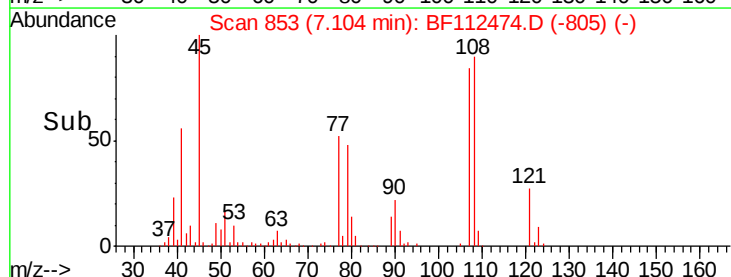
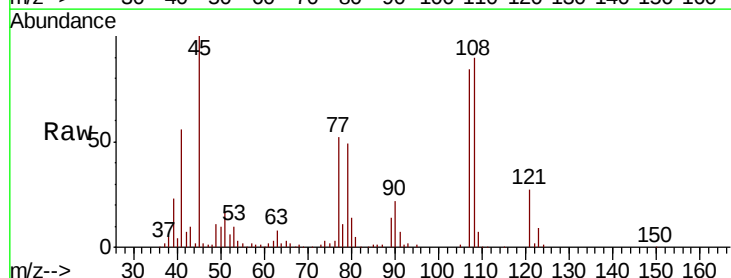
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

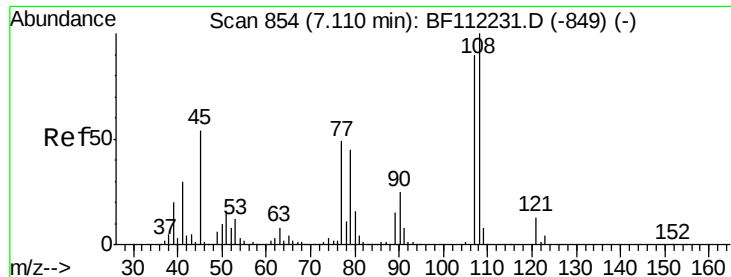
Tot Ion: 79 Resp: 153766
Ion Ratio Lower Upper
79 100
108 77.6 64.2 96.2
77 64.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.175 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion: 45 Resp: 198260
Ion Ratio Lower Upper
45 100
77 52.2 0.0 36.9#
79 48.9 0.0 34.0#

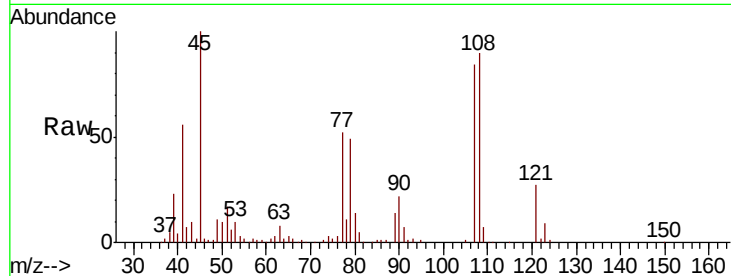




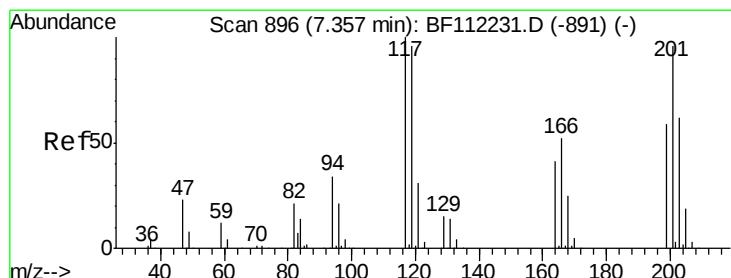
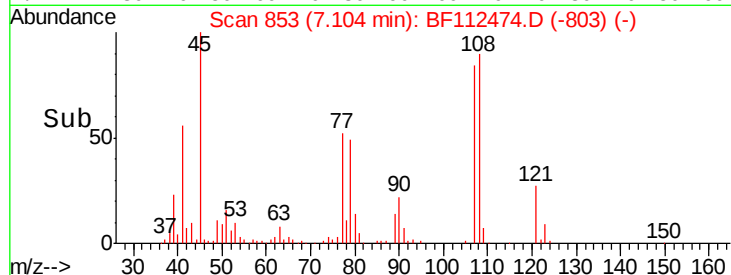
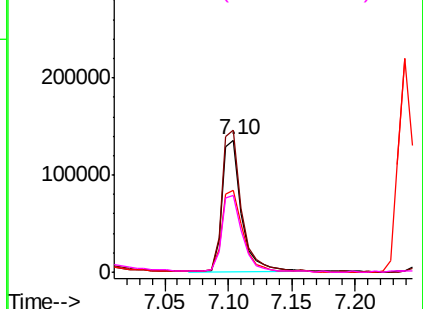
#17
2-Methylphenol
Concen: 33.963 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion:107 Resp: 144822
Ion Ratio Lower Upper
107 100
108 107.1 91.3 136.9
77 62.1 39.0 58.6#
79 58.2 37.0 55.4#

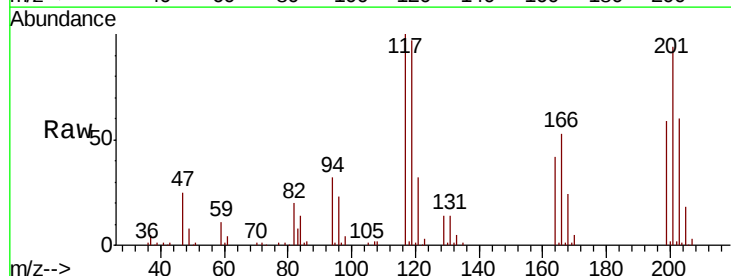


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

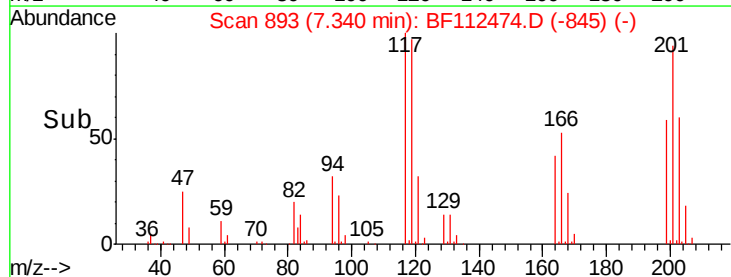
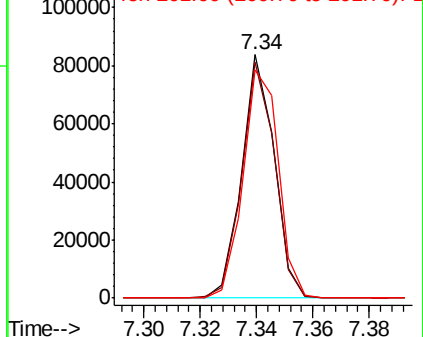


#18
Hexachloroethane
Concen: 29.512 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:117 Resp: 66815
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.4
201 93.6 74.1 111.1



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

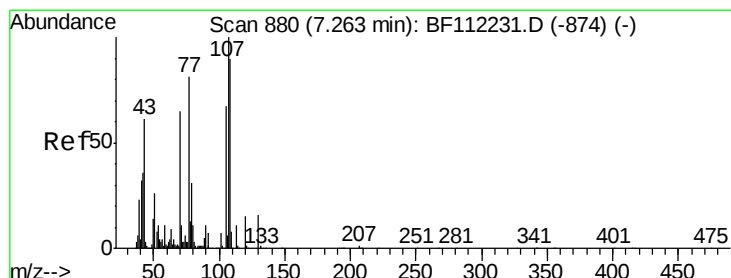
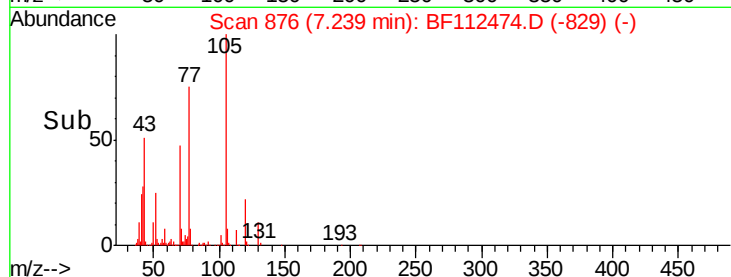
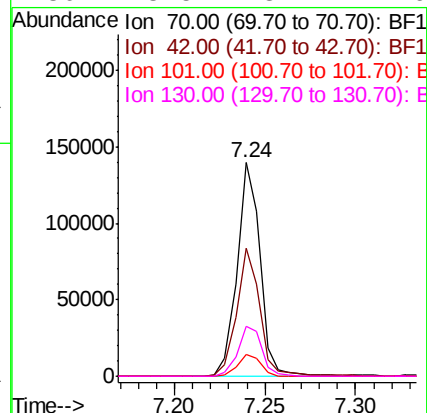
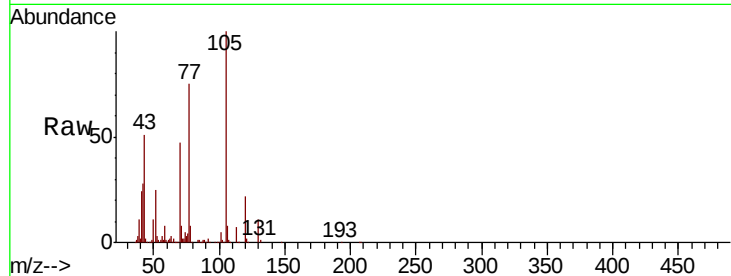




#19
n-Nitroso-di-n-propylamine
Concen: 32.241 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

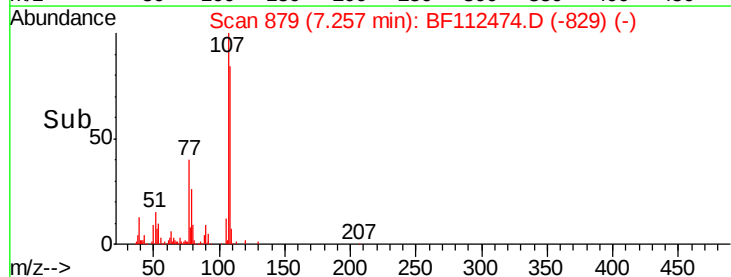
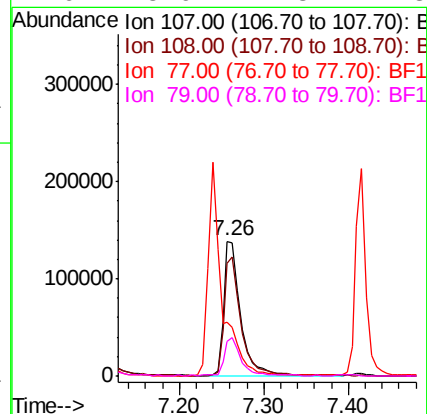
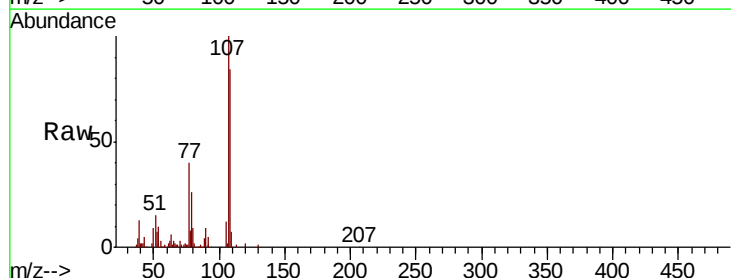
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

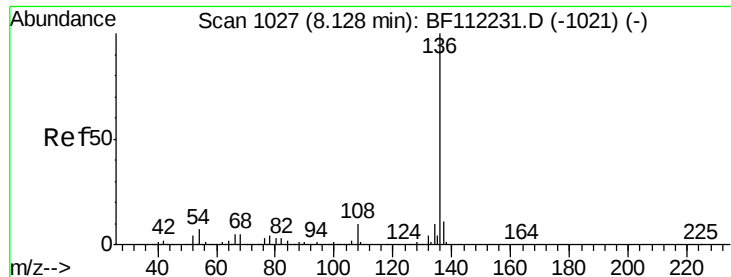
Tot Ion:	70	Resp:	123522
Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.6	71.4
101	10.1	7.9	11.9
130	23.5	18.4	27.6



#20
3+4-Methylphenols
Concen: 35.435 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:	107	Resp:	193221
Ion	Ratio	Lower	Upper
107	100		
108	83.6	68.2	108.2
77	39.6	100.7	140.7#
79	25.9	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

Tot Ion:136 Resp: 329499

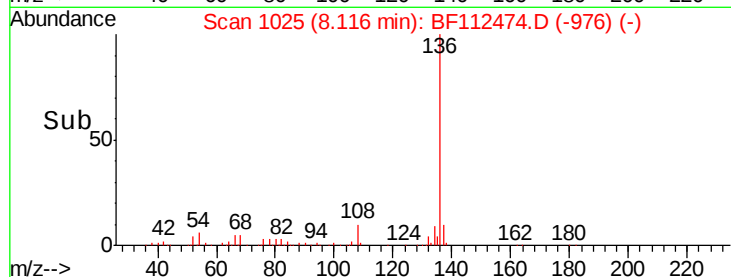
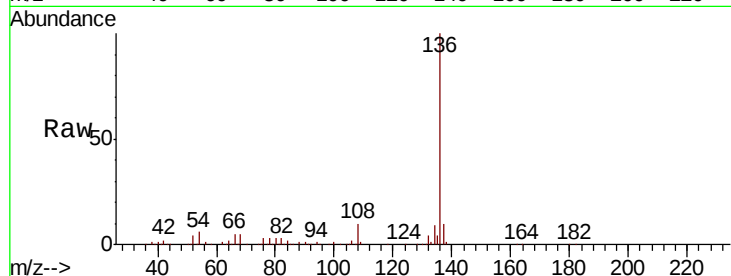
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.9 5.9 8.9#

68 4.7 5.1 7.7#

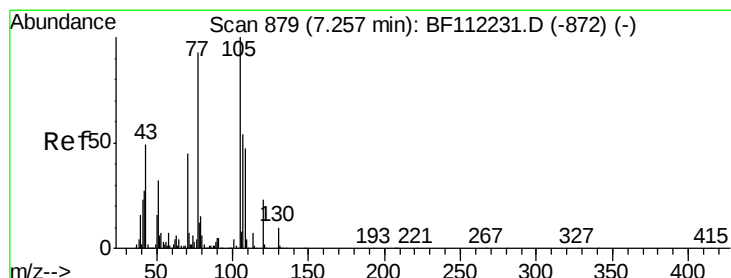
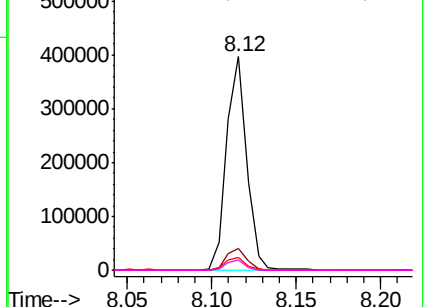


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.321 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Tgt Ion:105 Resp: 259323

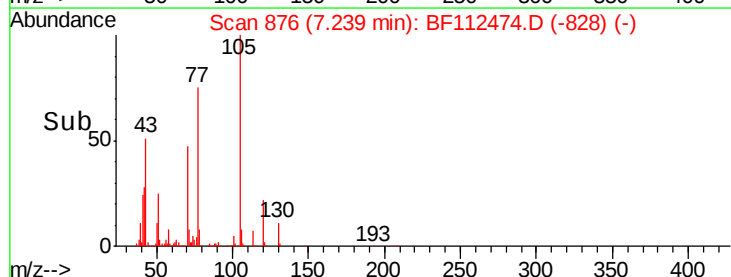
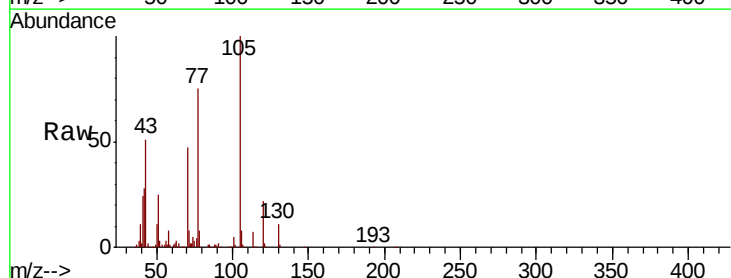
Ion Ratio Lower Upper

105 100

71 8.0 4.6 6.8#

51 24.7 25.0 37.6#

120 22.0 19.0 28.4

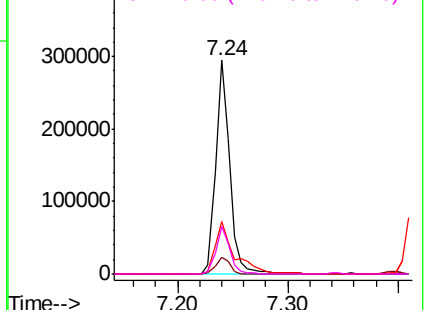


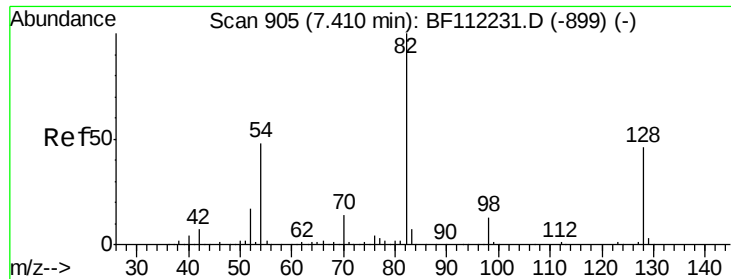
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

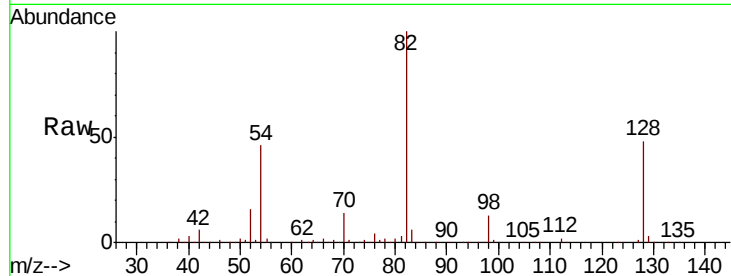




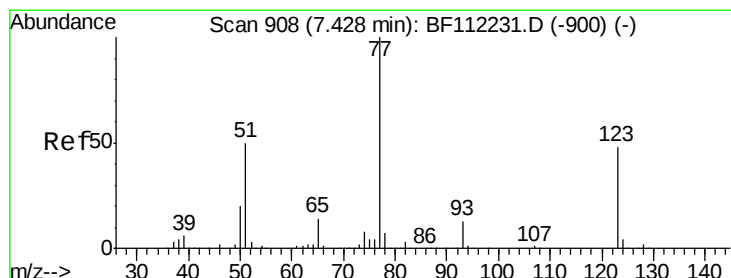
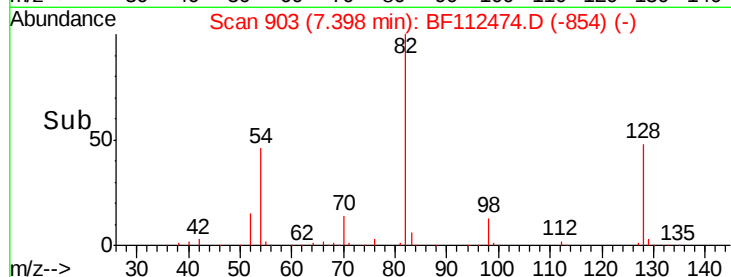
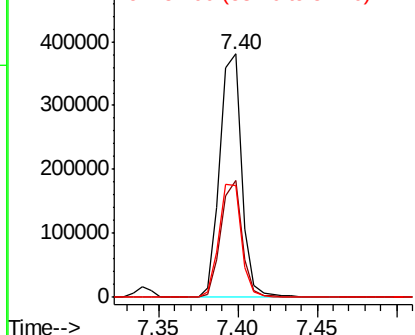
#23
 Nitrobenzene-d5
 Concen: 64.504 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion: 82 Resp: 368864
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.8 56.8
 54 46.2 39.7 59.5

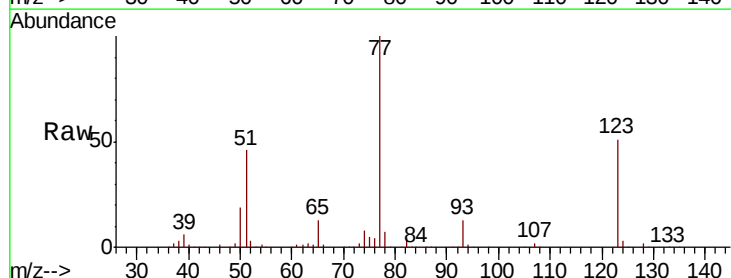


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

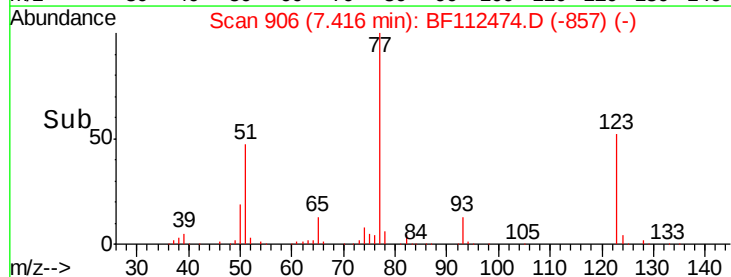
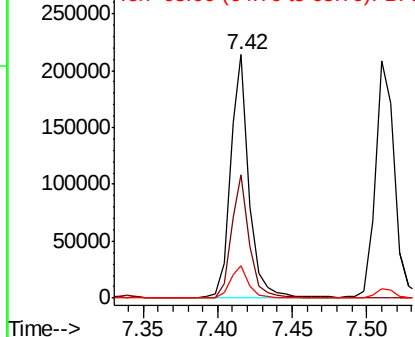


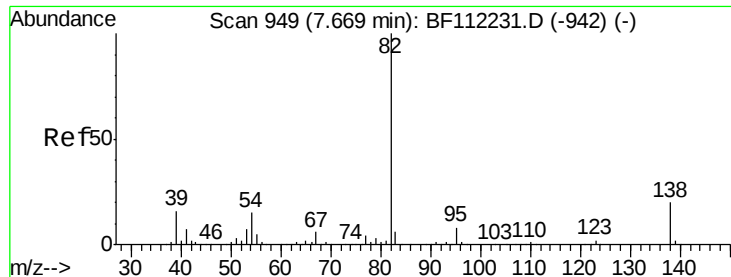
#24
 Nitrobenzene
 Concen: 32.239 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion: 77 Resp: 184123
 Ion Ratio Lower Upper
 77 100
 123 50.5 38.4 57.6
 65 13.1 10.6 15.8



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: 37.346 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

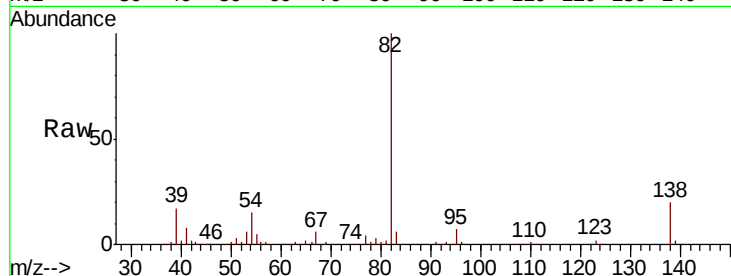
Tot Ion: 82 Resp: 335036

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

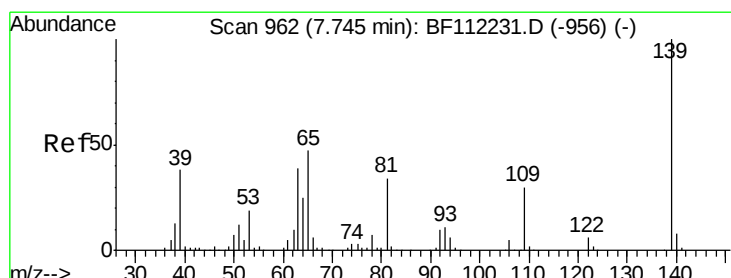
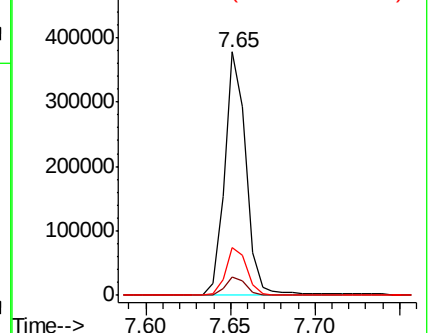
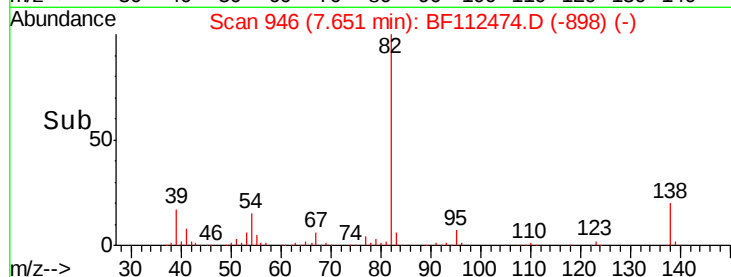
138 19.8 15.4 23.0



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: 27.409 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

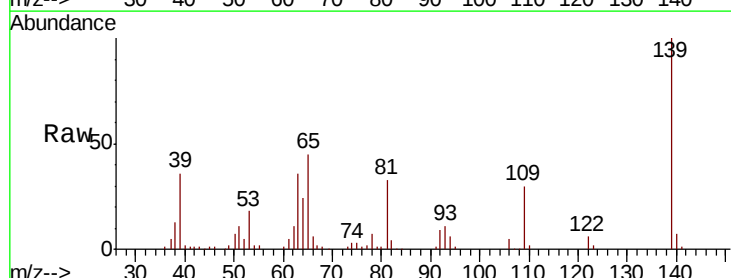
Tgt Ion: 139 Resp: 83656

Ion Ratio Lower Upper

139 100

109 29.6 20.8 31.2

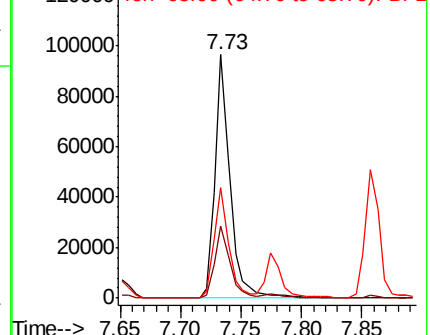
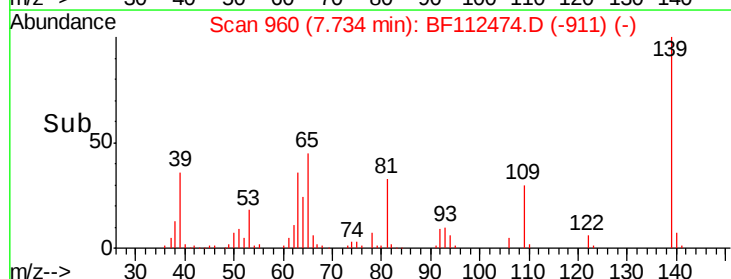
65 45.3 34.4 51.6

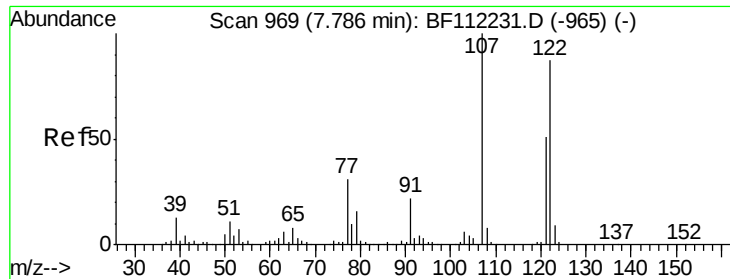


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

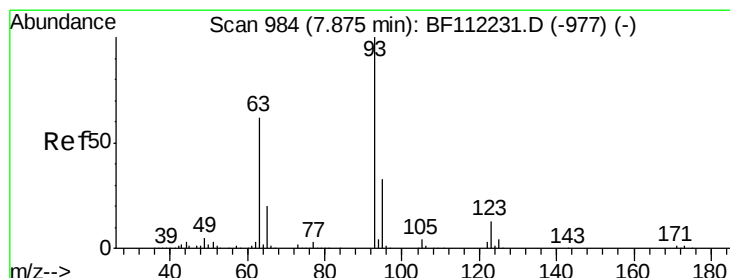
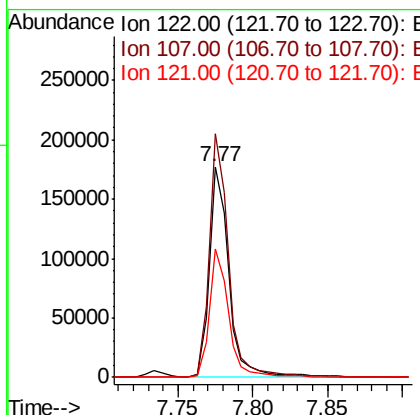
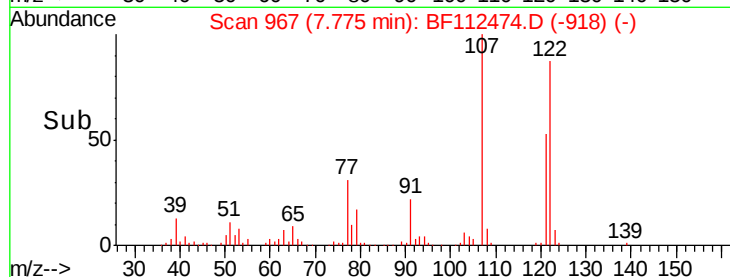
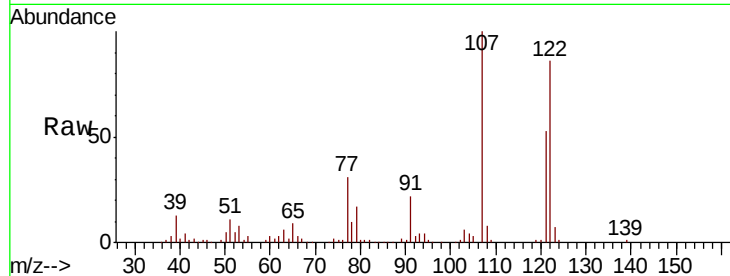




#27
2,4-Dimethylphenol
Concen: 38.069 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

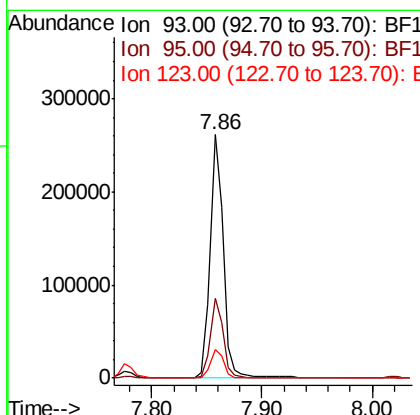
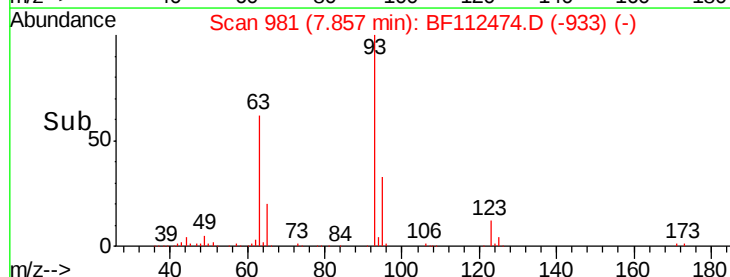
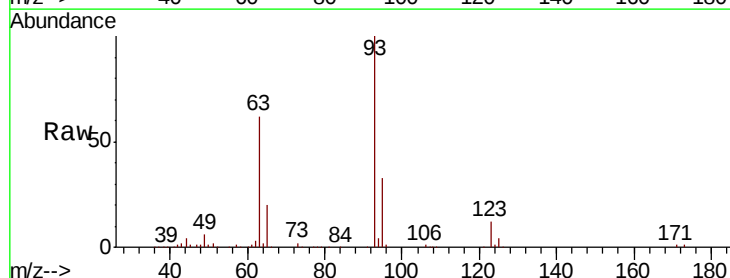
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

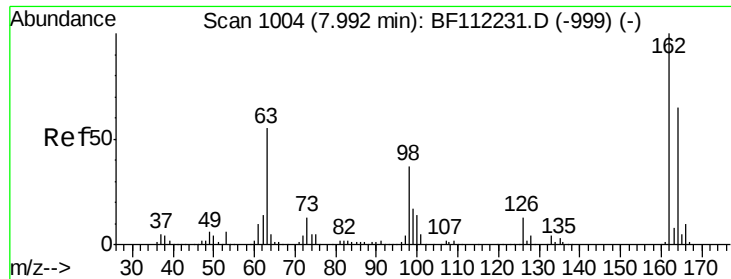
Tot Ion:122 Resp: 160085
Ion Ratio Lower Upper
122 100
107 115.7 85.4 128.0
121 61.1 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 34.339 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion: 93 Resp: 209760
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.8 10.2 15.2

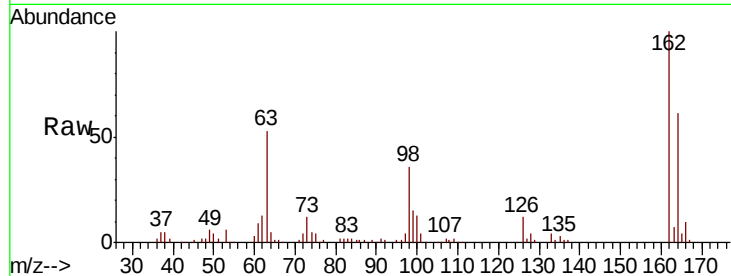




#29
 2,4-Dichlorophenol
 Concen: 34.178 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	44.6	84.6
98	35.8	14.6	54.6

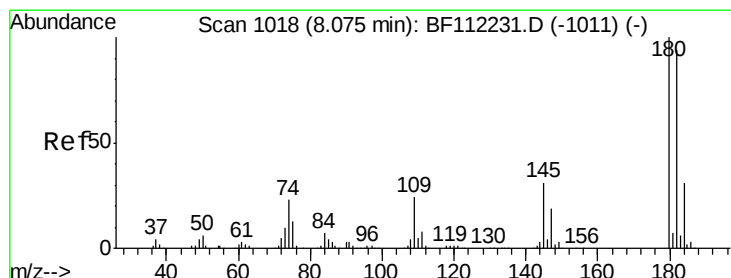
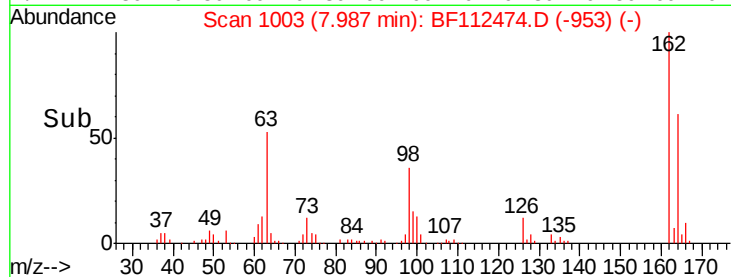
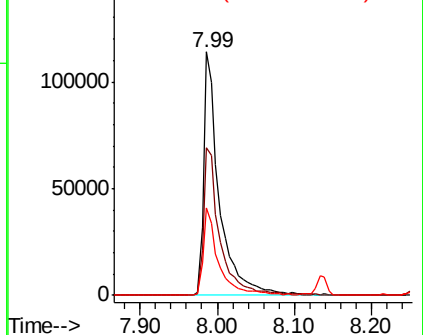


Abundance

Ion 162.00 (161.70 to 162.70): E

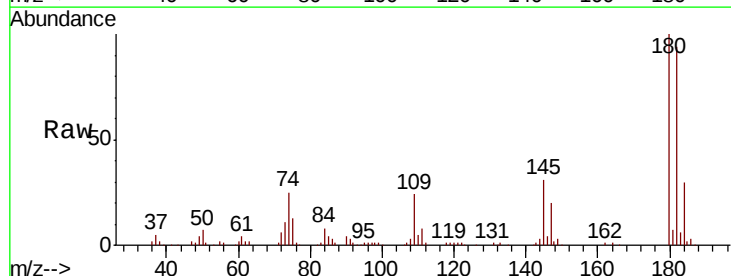
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.002 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	31.1	25.0	37.4

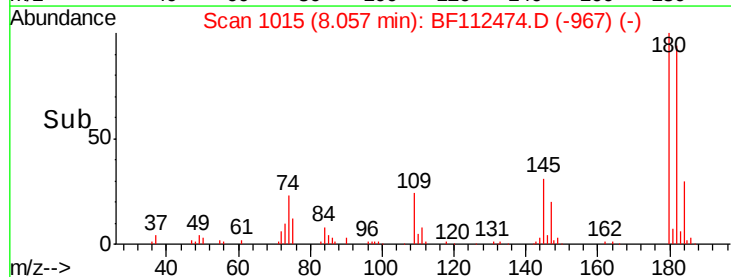
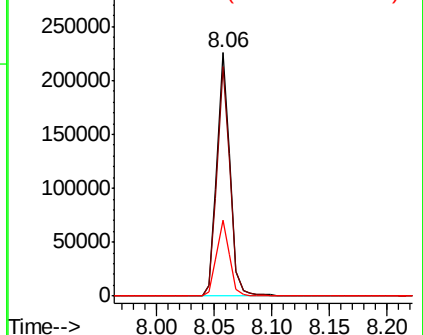


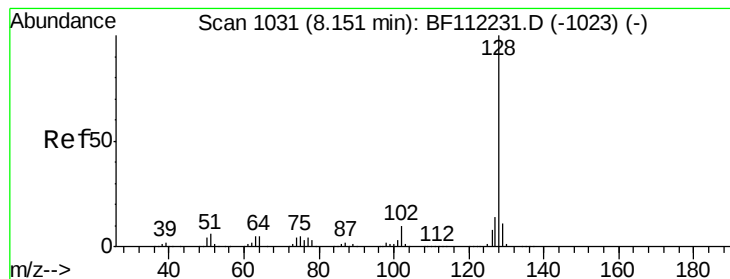
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.482 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

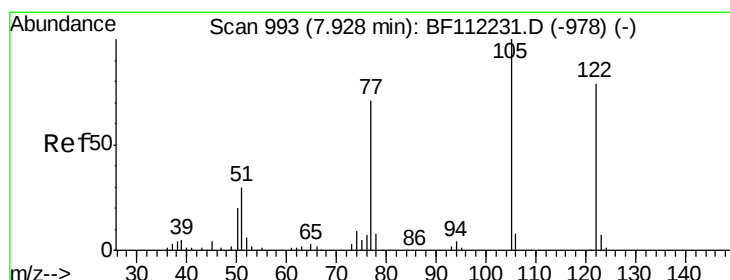
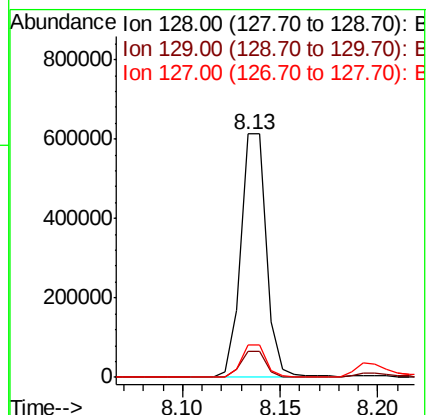
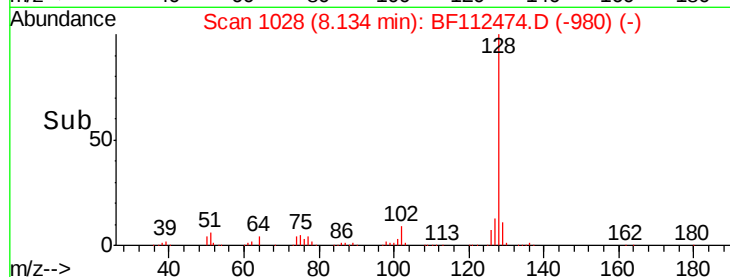
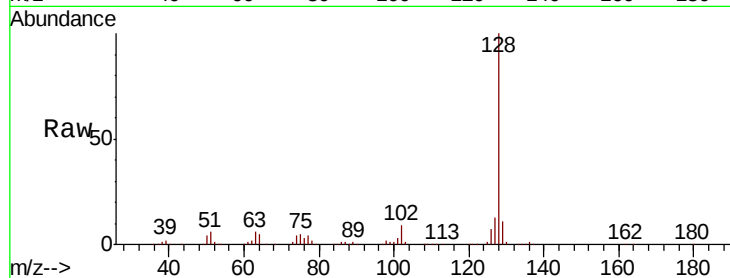
Tot Ion:128 Resp: 562142

Ion Ratio Lower Upper

128 100

129 10.9 9.6 14.4

127 13.4 11.1 16.7



#32

Benzoic acid

Concen: 66.739 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.15 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

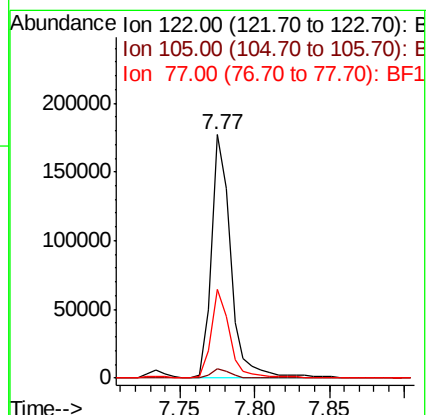
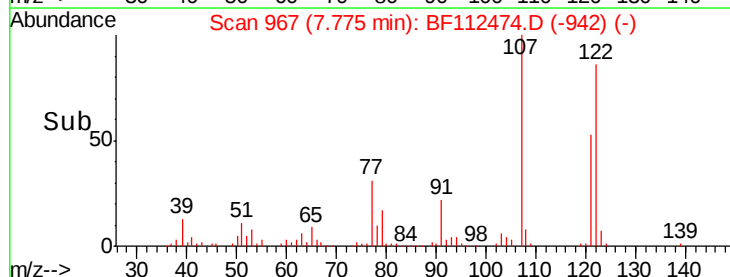
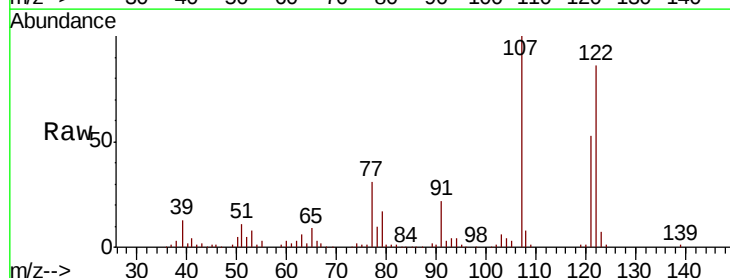
Tgt Ion:122 Resp: 160085

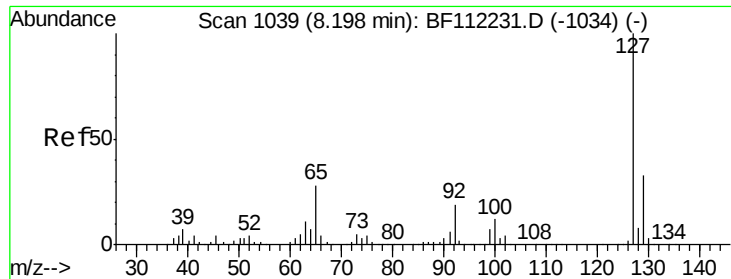
Ion Ratio Lower Upper

122 100

105 3.8 101.2 141.2#

77 36.3 70.4 110.4#

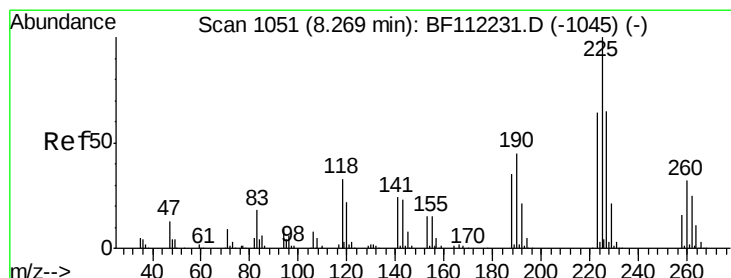
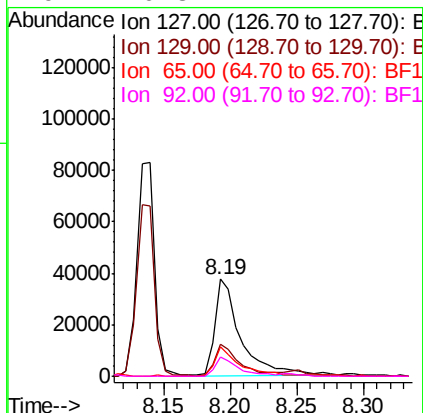
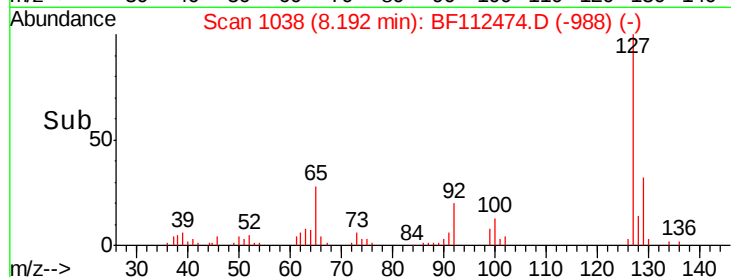
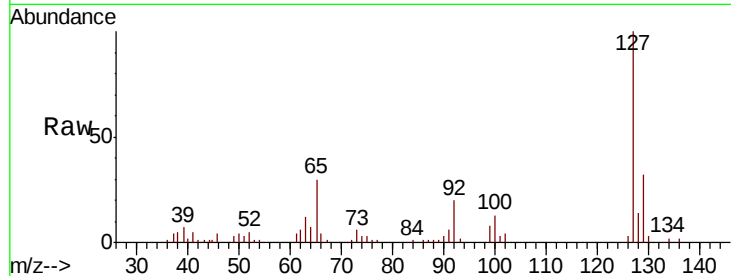




#33
4-Chloroaniline
Concen: 7.588 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

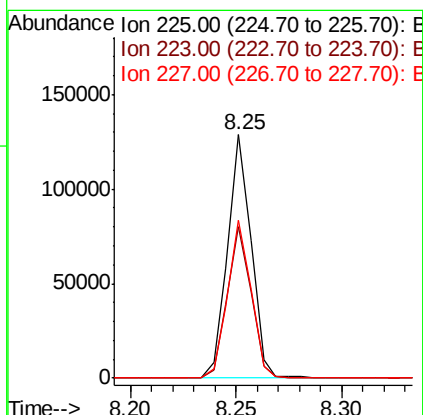
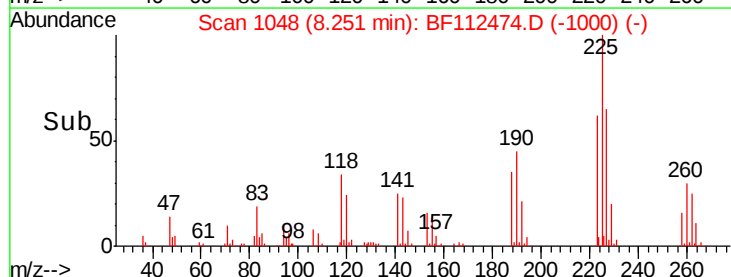
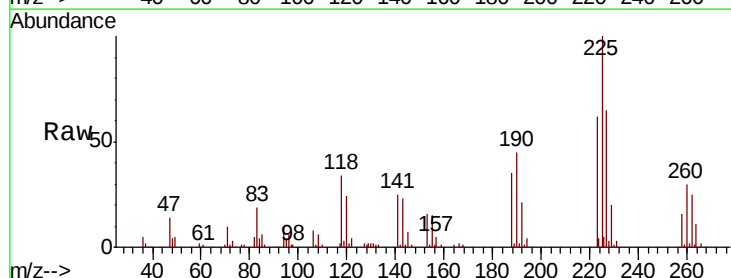
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

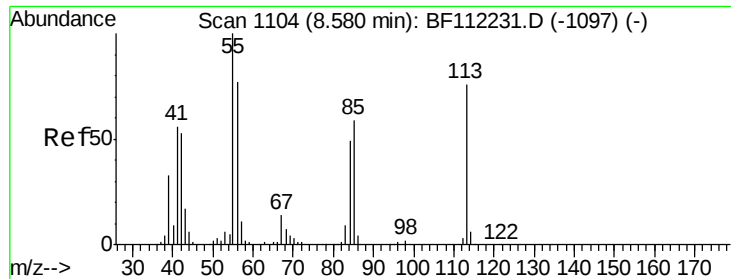
Tot Ion:	127	Resp:	50910
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	29.8	21.4	32.2
92	20.3	14.2	21.2



#34
Hexachlorobutadiene
Concen: 31.185 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:	225	Resp:	98987
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	64.8	51.8	77.8





#35

Caprolactam

Concen: 28.072 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.04 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

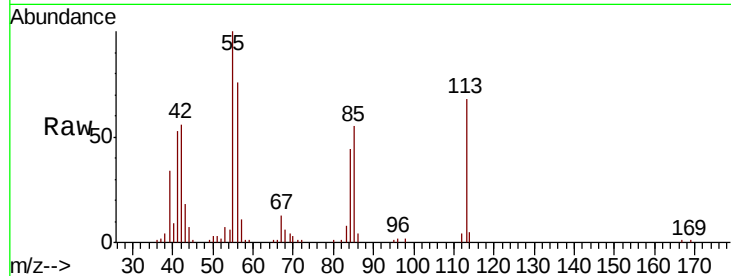
Tot Ion:113 Resp: 46602

Ion Ratio Lower Upper

113 100

55 146.9 121.6 161.6

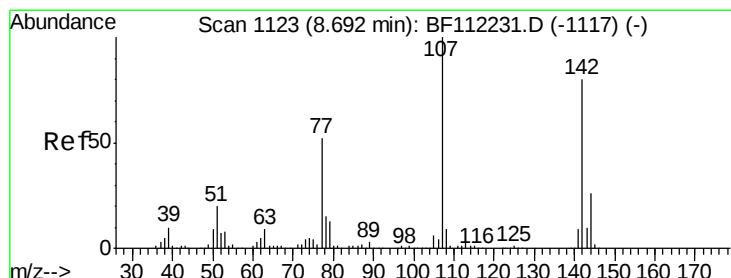
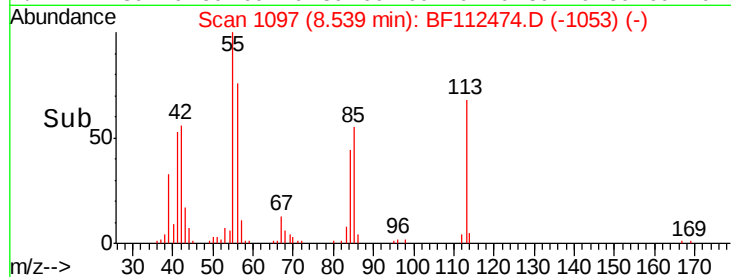
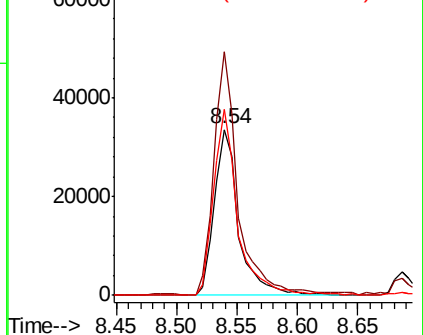
56 112.2 86.7 126.7



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: 32.466 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

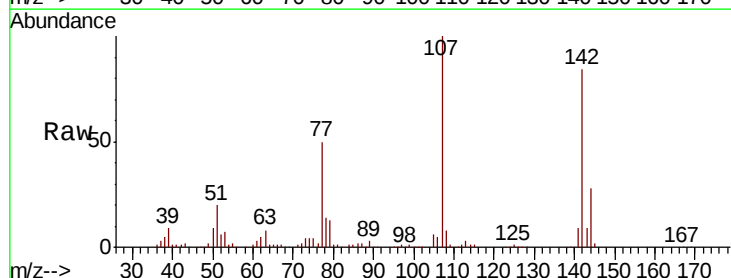
Tgt Ion:107 Resp: 161732

Ion Ratio Lower Upper

107 100

144 27.9 22.2 33.2

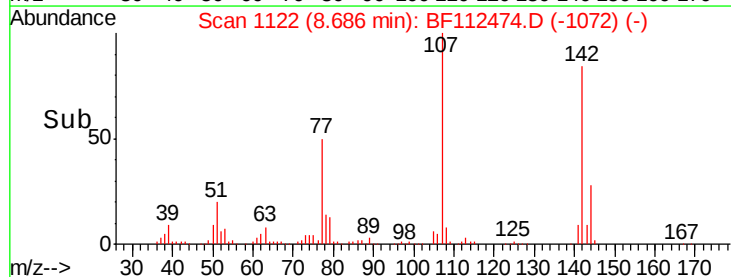
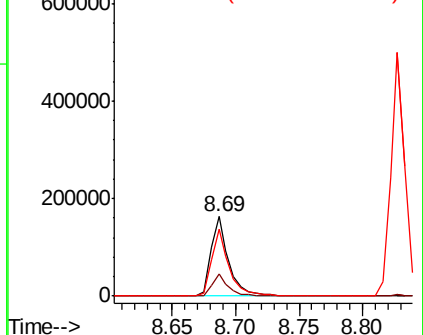
142 83.9 67.7 101.5

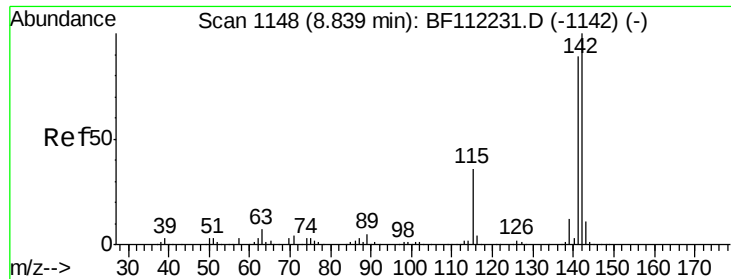


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

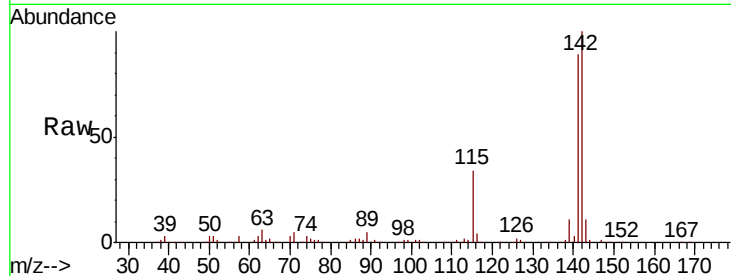




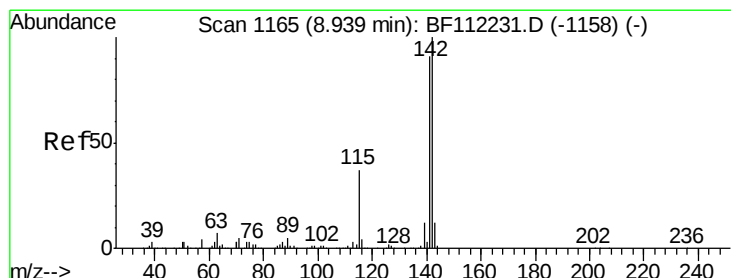
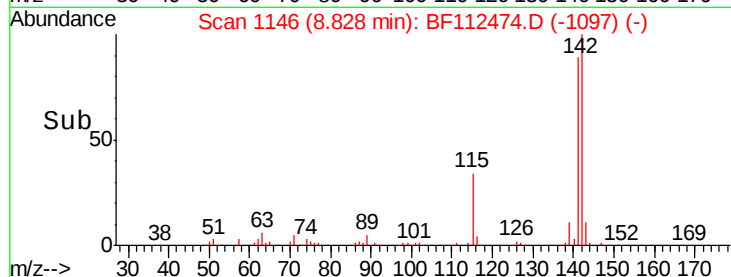
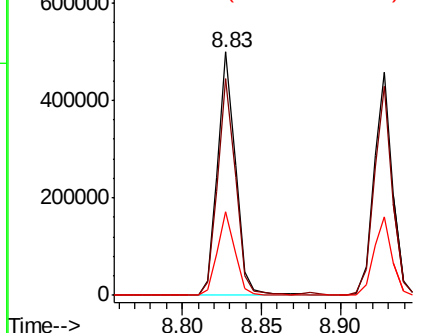
#37
2-Methylnaphthalene
Concen: 37.553 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion:142 Resp: 396125
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3
115 34.3 24.9 37.3

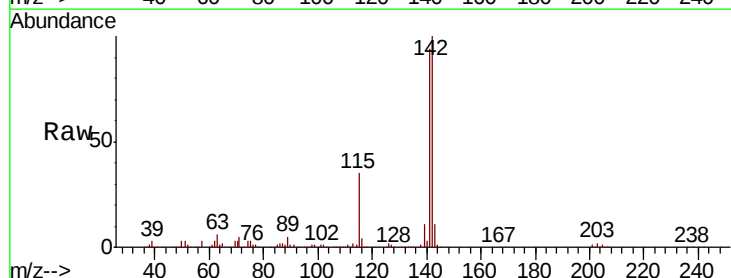


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

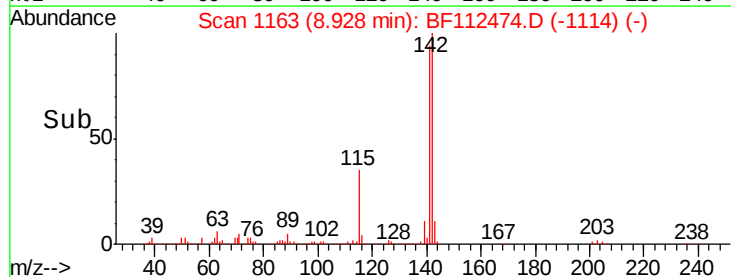
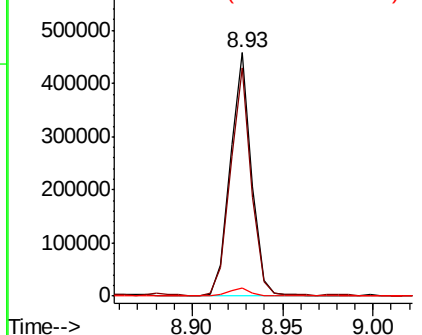


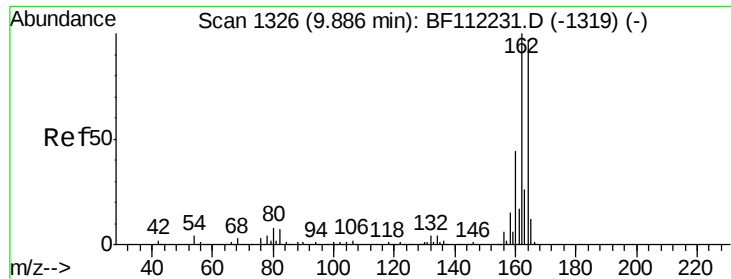
#38
1-Methylnaphthalene
Concen: 36.636 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:142 Resp: 370415
Ion Ratio Lower Upper
142 100
141 93.6 72.6 108.8
116 3.5 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

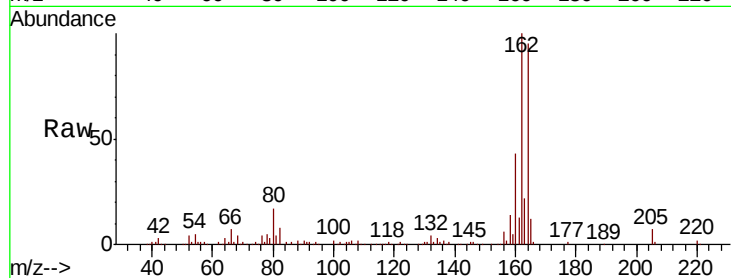
Tot Ion:164 Resp: 163542

Ion Ratio Lower Upper

164 100

162 104.9 82.2 123.4

160 45.0 36.2 54.4

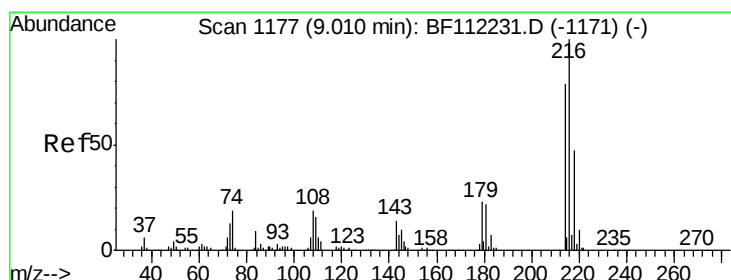
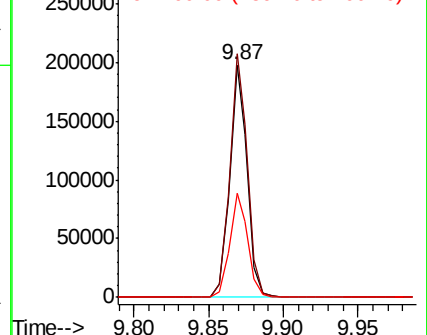
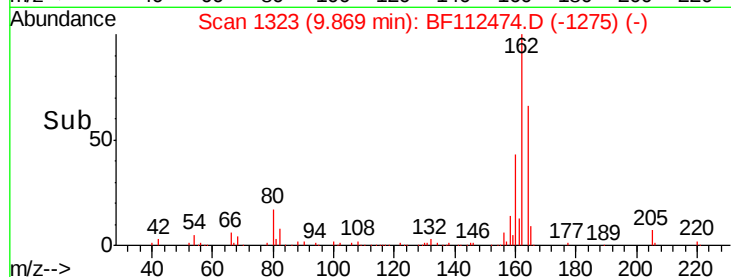


Abundance

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: 32.831 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Tgt Ion:216 Resp: 176291

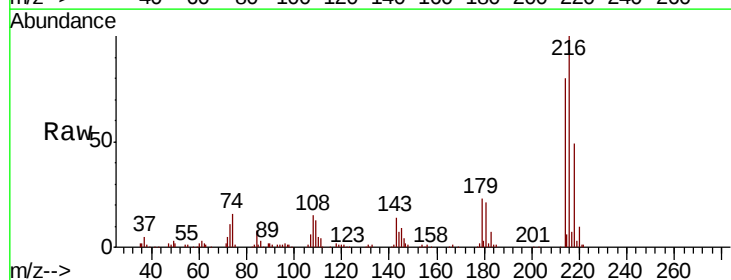
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 22.3 16.9 25.3

108 16.7 14.2 21.4



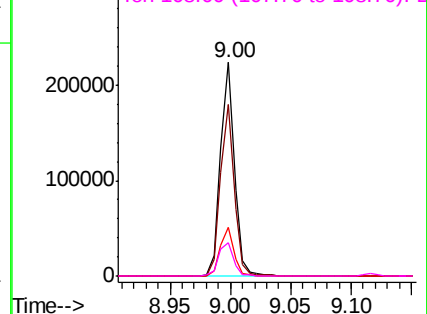
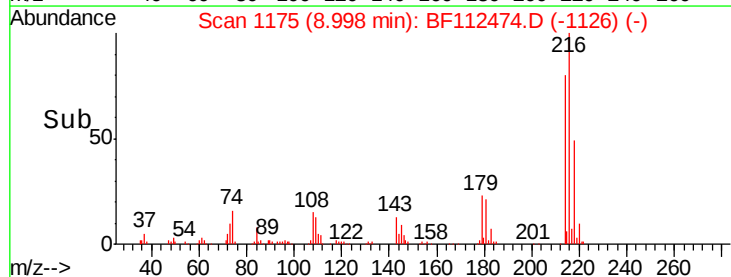
Abundance

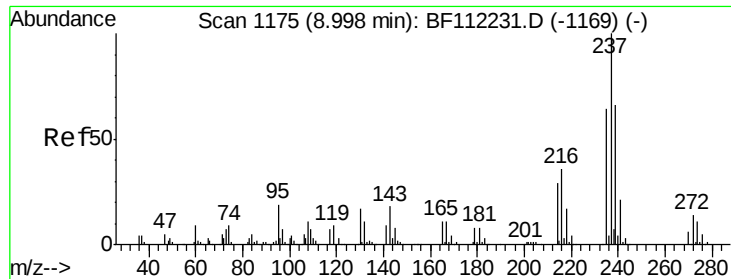
Ion 216.00 (215.70 to 216.70): E

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: 16.903 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

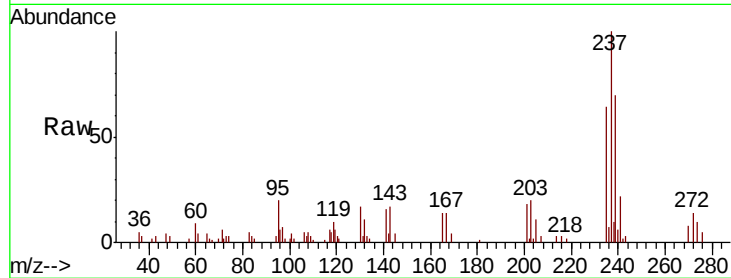
Tot Ion:237 Resp: 17088

Ion Ratio Lower Upper

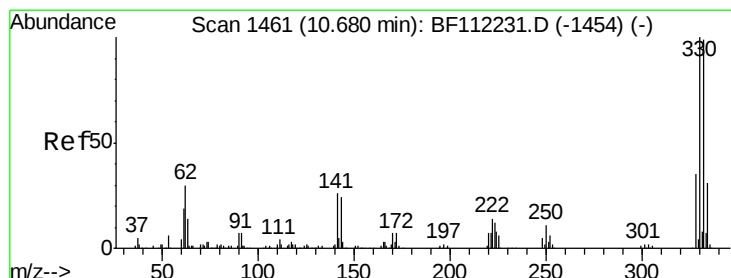
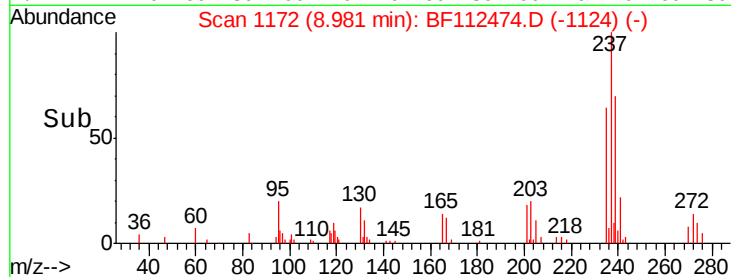
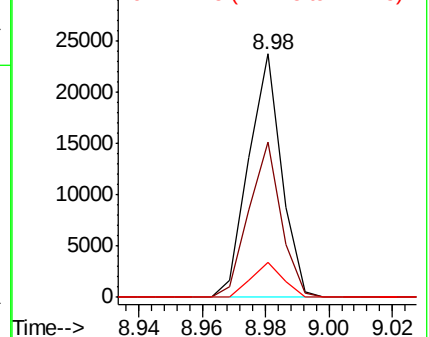
237 100

235 63.7 44.0 84.0

272 14.2 0.0 33.3



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: 85.021 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

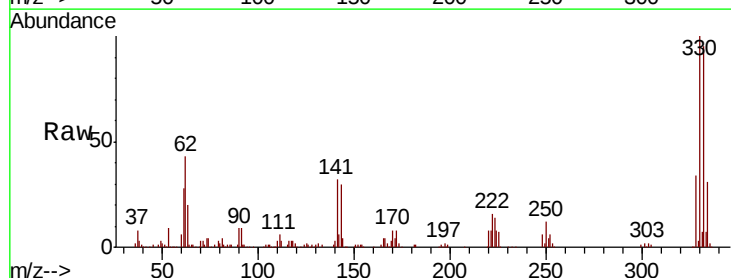
Tgt Ion:330 Resp: 161844

Ion Ratio Lower Upper

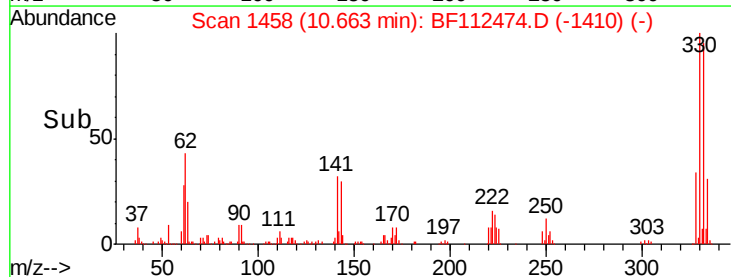
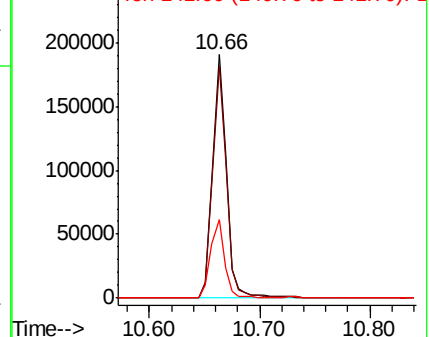
330 100

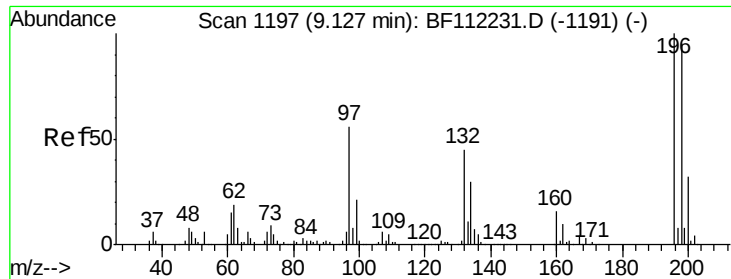
332 95.5 76.6 114.8

141 32.6 24.3 36.5



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

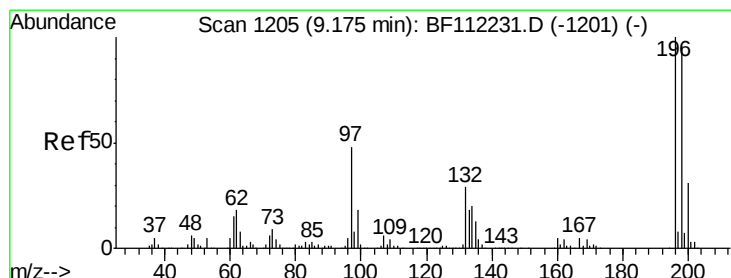
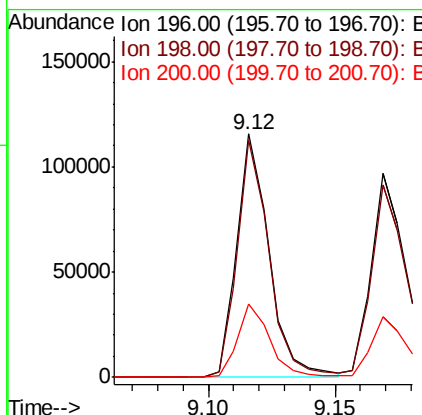
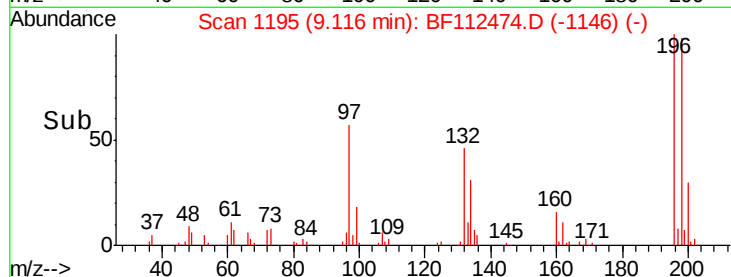
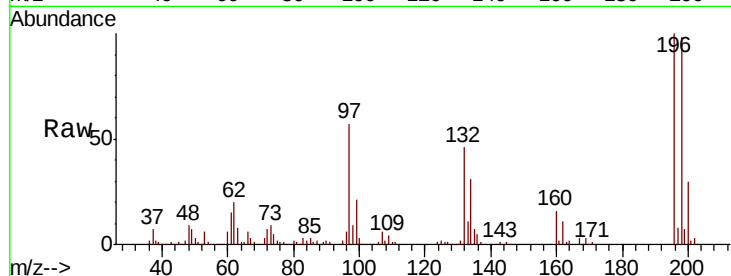




#43
 2,4,6-Trichlorophenol
 Concen: 31.018 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

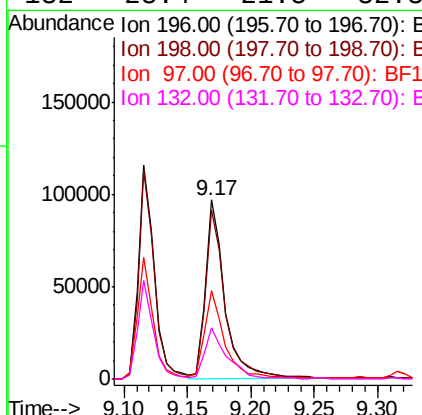
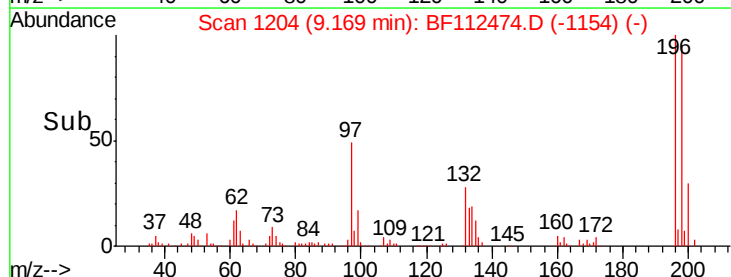
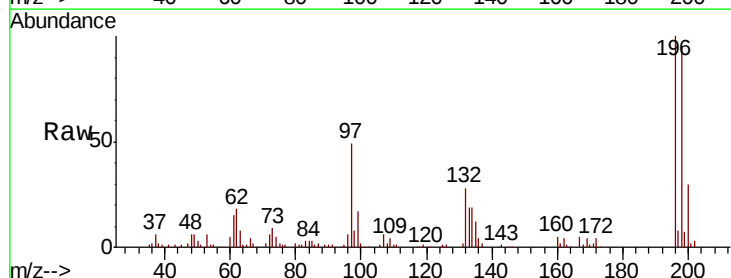
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

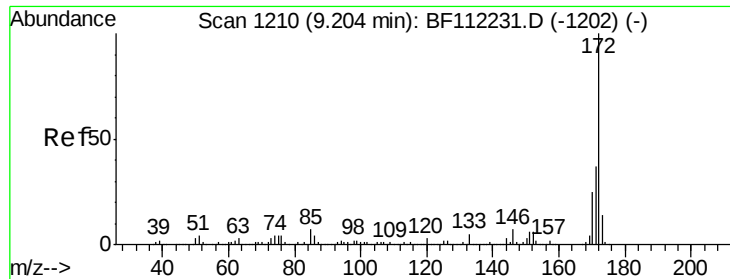
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.2	114.4
200	30.2	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 29.880 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.0	114.0
97	49.4	36.4	54.6
132	28.4	21.5	32.3

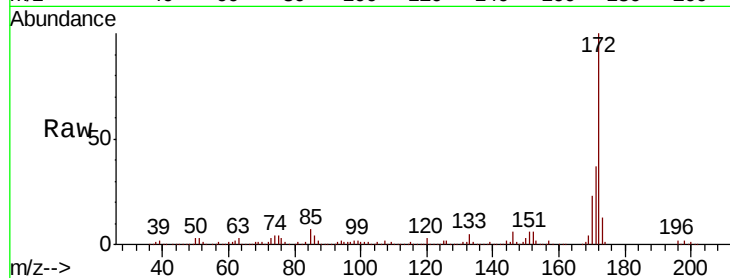




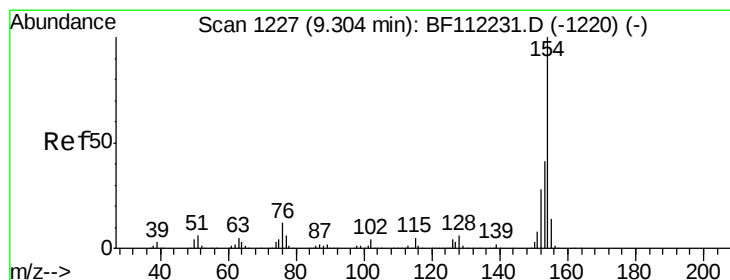
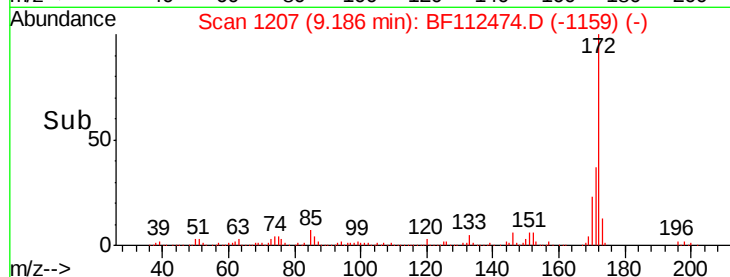
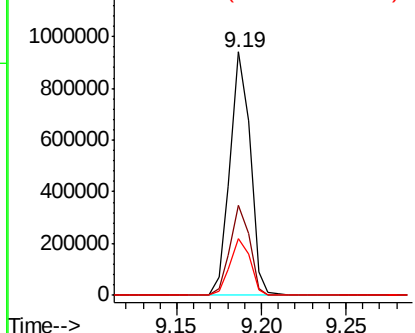
#45
2-Fluorobiphenyl
Concen: 67.812 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion:172 Resp: 784123
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.3 20.2 30.4

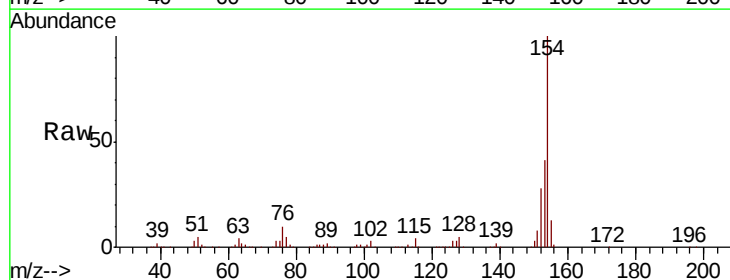


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

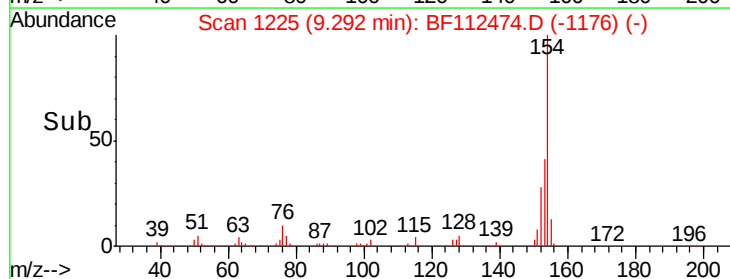
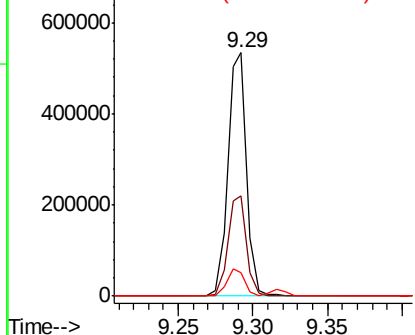


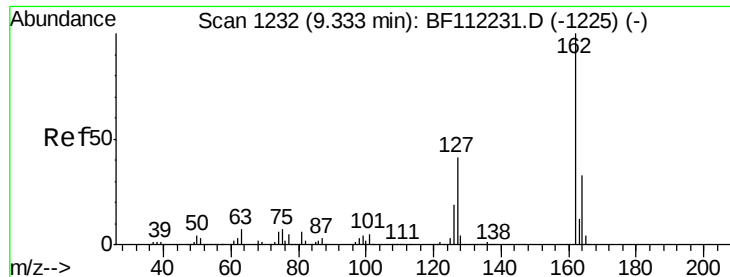
#46
1,1'-Biphenyl
Concen: 33.194 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:154 Resp: 474589
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 9.7 0.0 33.1



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

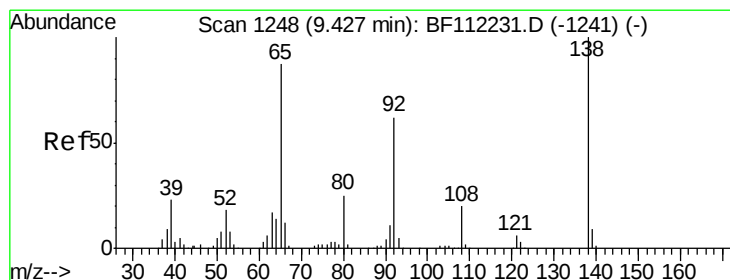
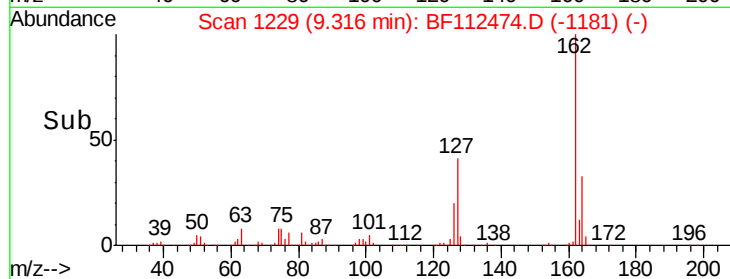
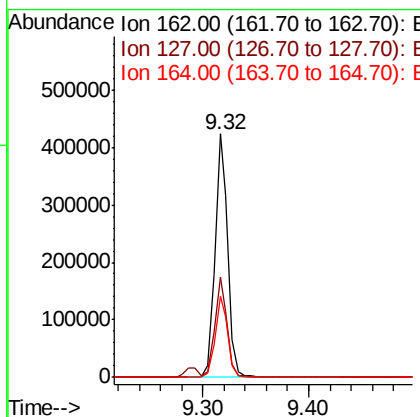
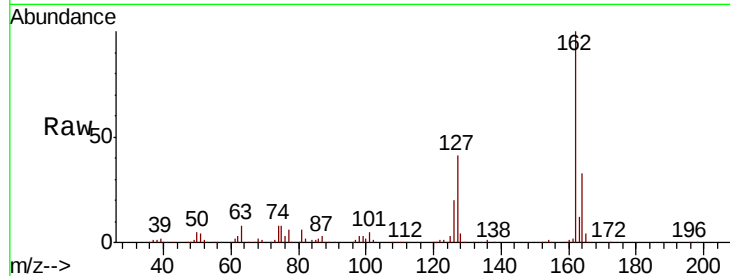




#47
 2-Chloronaphthalene
 Concen: 32.872 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

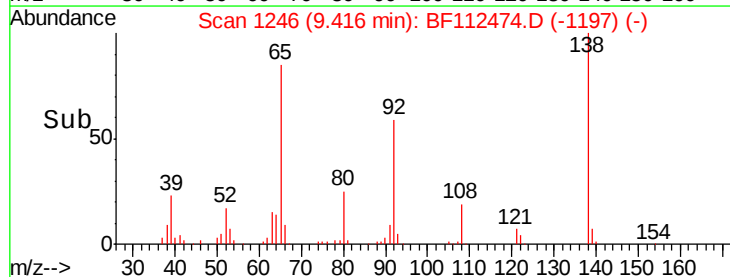
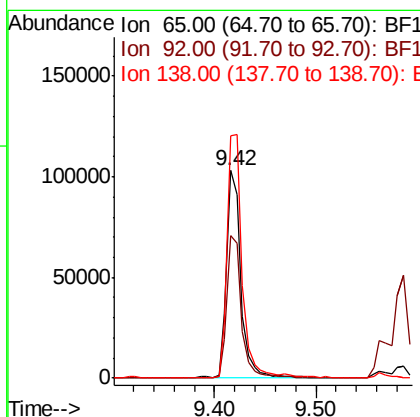
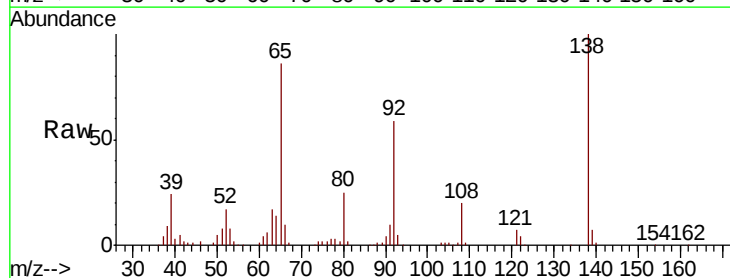
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

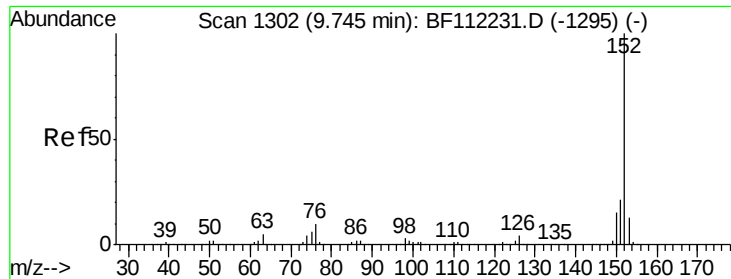
Tot Ion:	162	Resp:	364456
Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.4	45.6
164	33.2	27.4	41.2



#48
 2-Nitroaniline
 Concen: 33.792 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion:	65	Resp:	102118
Ion	Ratio	Lower	Upper
65	100		
92	68.9	60.4	90.6
138	116.8	104.4	156.6





#49

Acenaphthylene

Concen: 36.087 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

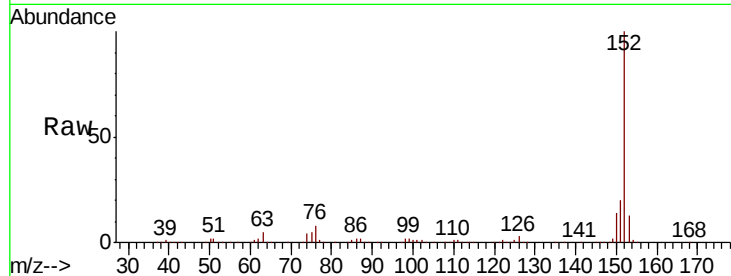
Tot Ion:152 Resp: 586440

Ion Ratio Lower Upper

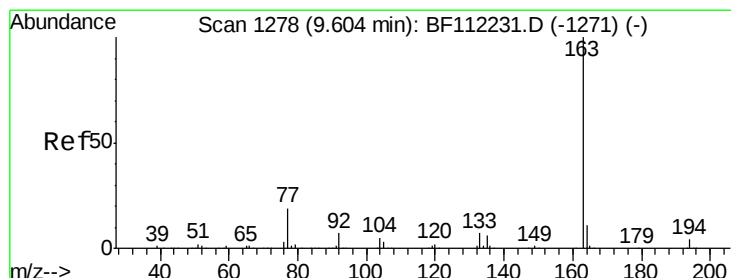
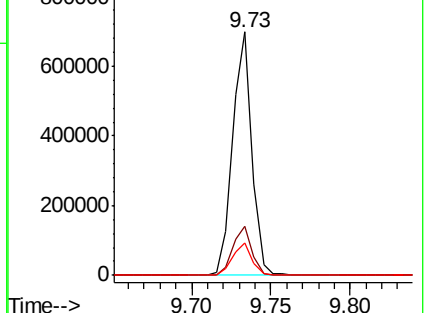
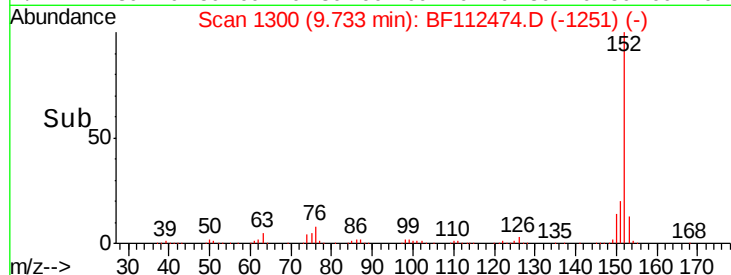
152 100

151 20.4 17.0 25.6

153 13.1 11.2 16.8



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: 37.998 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

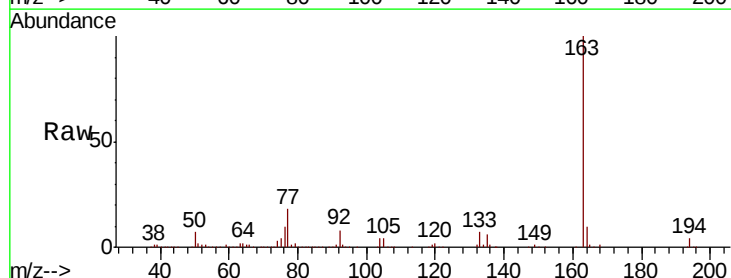
Tgt Ion:163 Resp: 482820

Ion Ratio Lower Upper

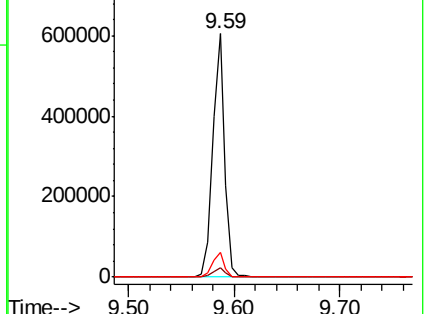
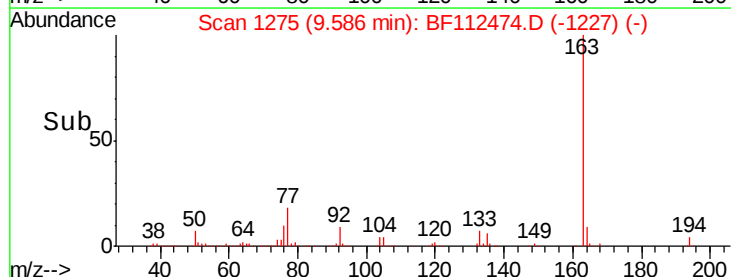
163 100

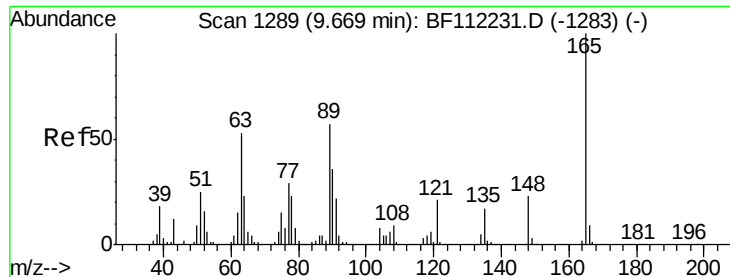
194 3.8 3.3 4.9

164 10.1 8.5 12.7



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: 32.604 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

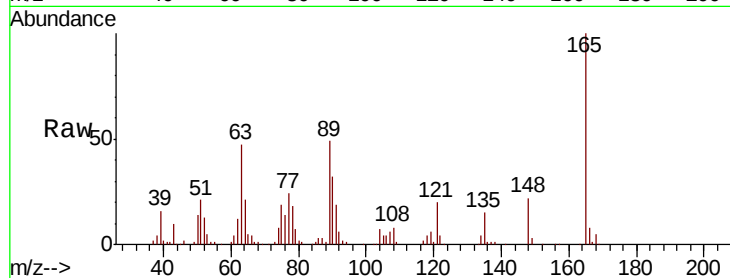
Tot Ion:165 Resp: 92783

Ion Ratio Lower Upper

165 100

63 46.8 33.8 50.8

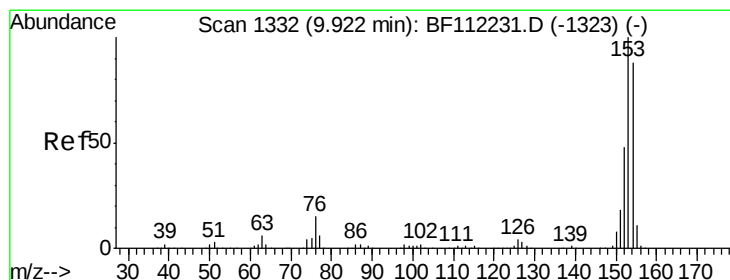
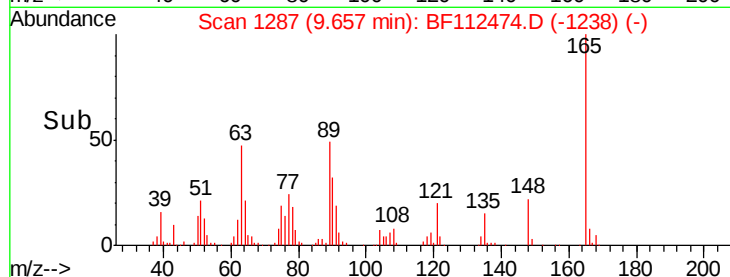
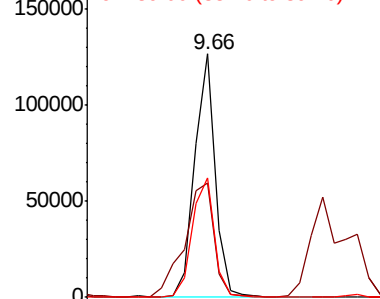
89 48.9 36.9 55.3



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: 34.688 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

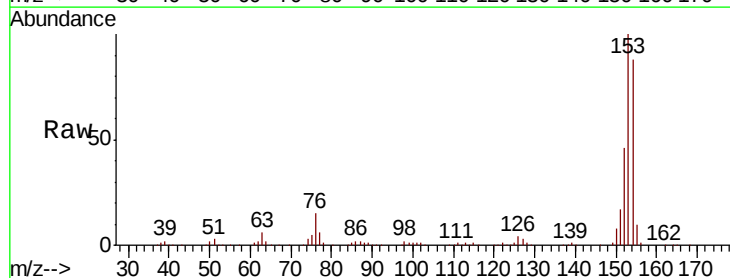
Tgt Ion:154 Resp: 336740

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

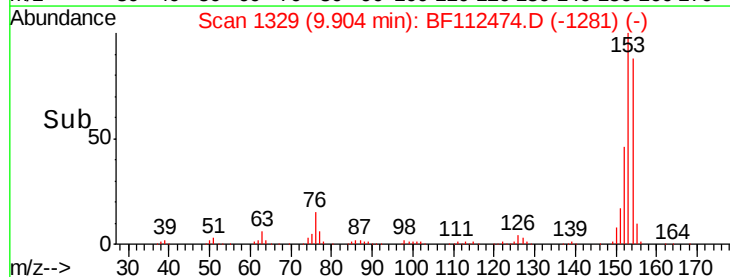
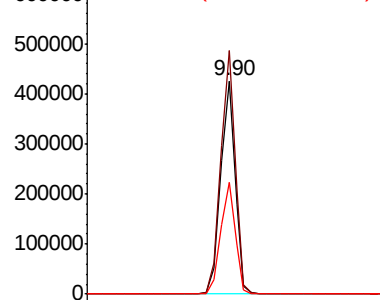
152 52.5 43.5 65.3

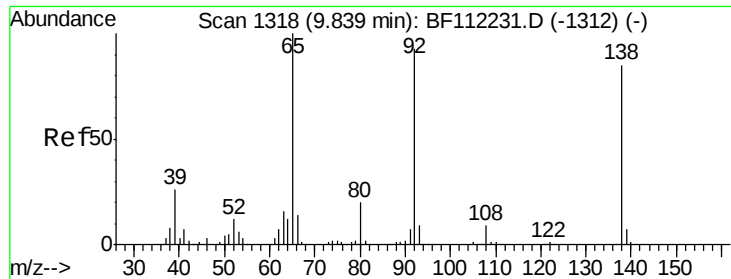


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

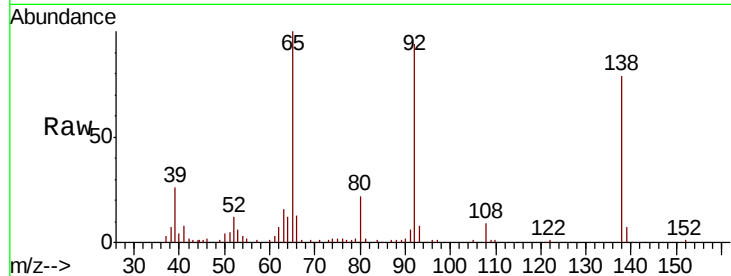




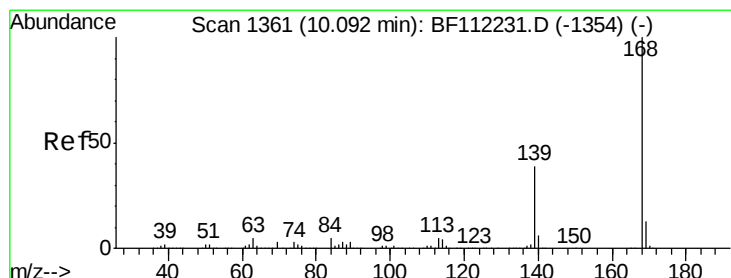
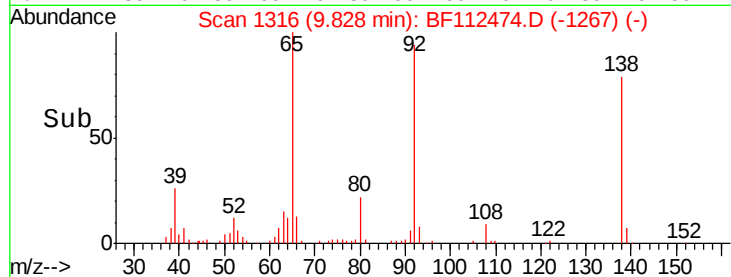
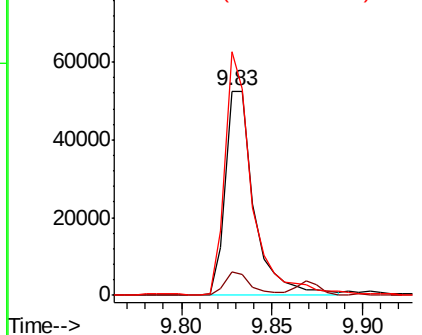
#53
 3-Nitroaniline
 Concen: 19.108 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion:138 Resp: 58910
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.8 14.6
 92 119.1 79.4 119.2

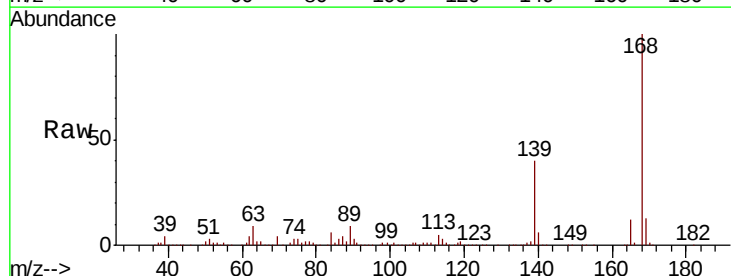


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

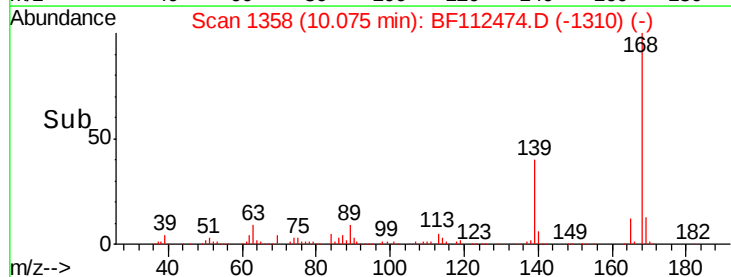
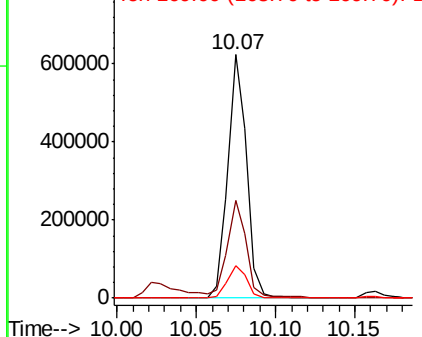


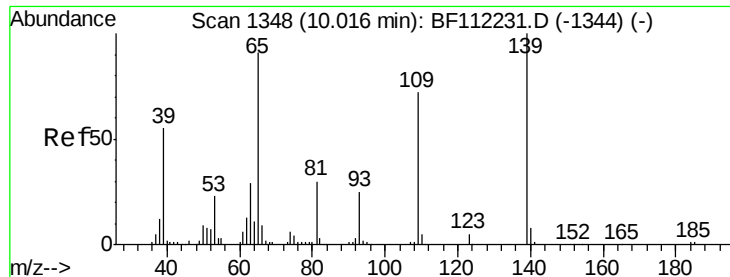
#55
 Dibenzofuran
 Concen: 34.398 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion:168 Resp: 510290
 Ion Ratio Lower Upper
 168 100
 139 40.2 29.2 43.8
 169 13.2 11.4 17.0



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

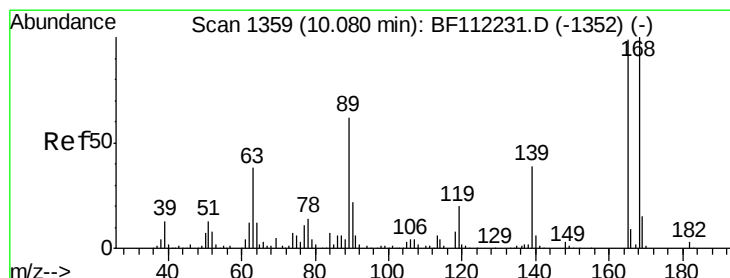
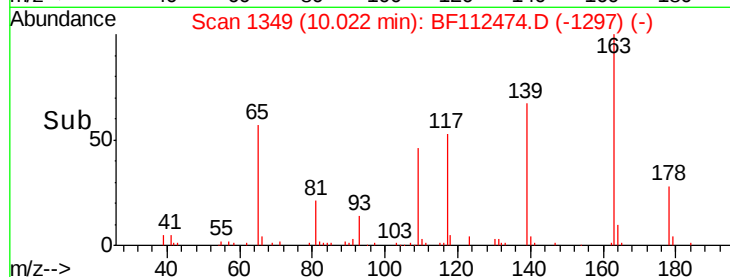
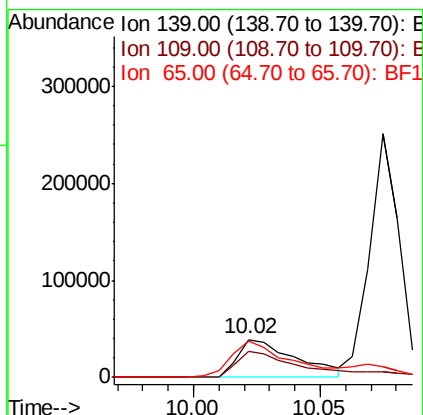
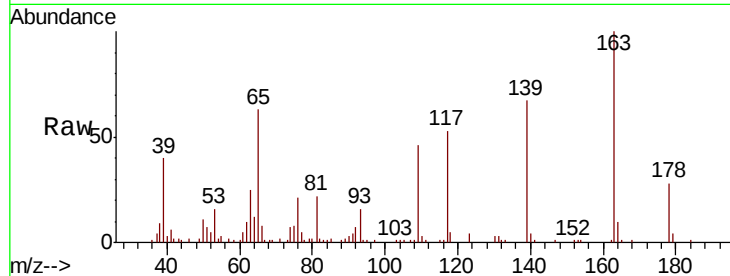




#56
4-Nitrophenol
Concen: 38.124 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

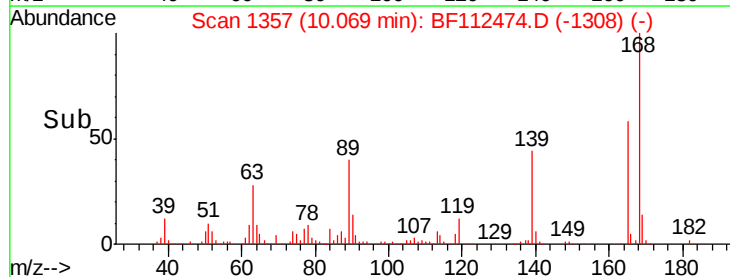
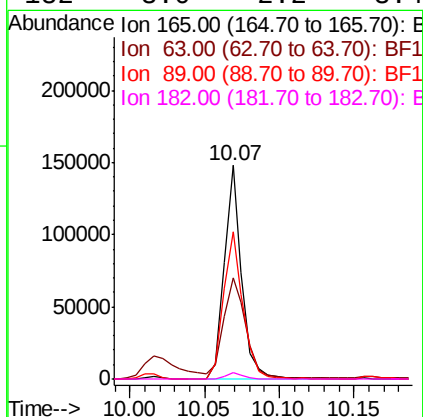
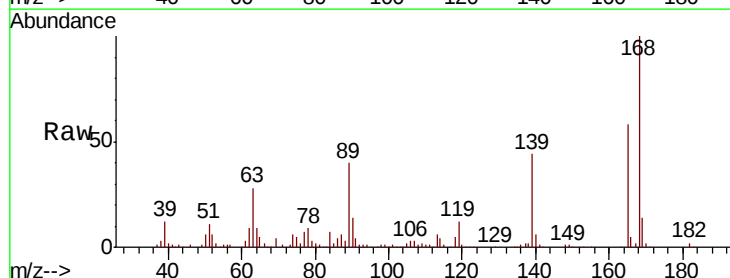
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

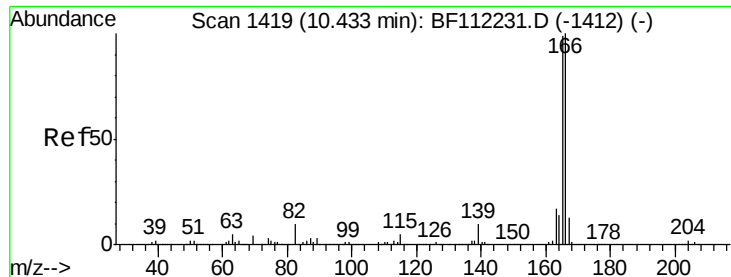
Tot Ion:139 Resp: 62141
Ion Ratio Lower Upper
139 100
109 68.3 42.8 82.8
65 93.5 66.1 106.1



#57
2,4-Dinitrotoluene
Concen: 33.743 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:165 Resp: 122244
Ion Ratio Lower Upper
165 100
63 47.6 27.9 41.9#
89 68.6 47.9 71.9
182 3.0 2.2 3.4





#58

Fluorene

Concen: 37.356 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

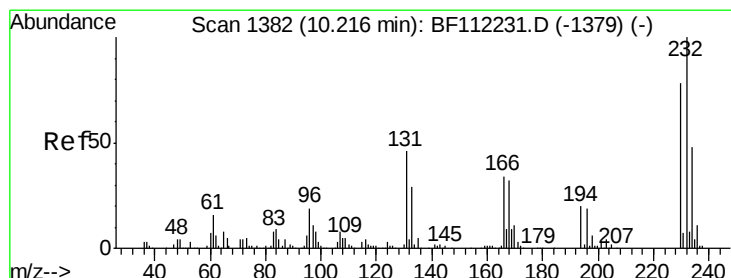
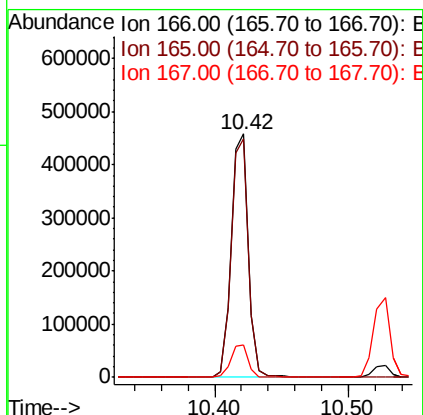
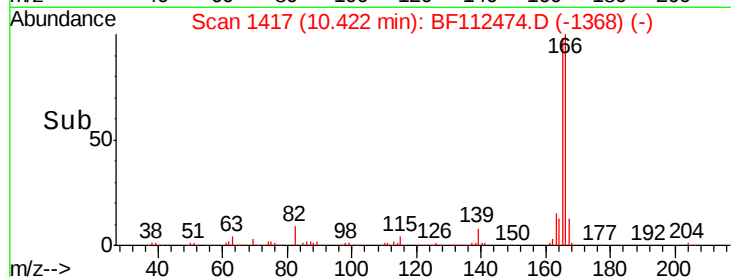
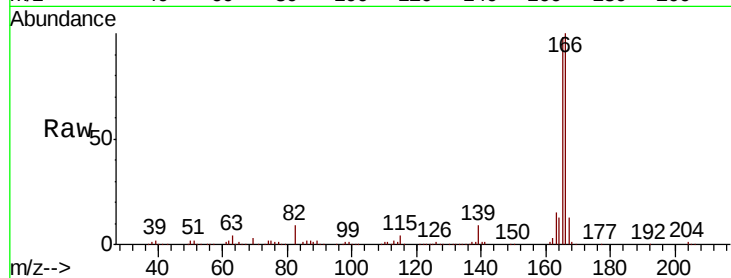
Tot Ion:166 Resp: 414698

Ion Ratio Lower Upper

166 100

165 98.1 77.1 115.7

167 13.1 11.3 16.9



#59

2,3,4,6-Tetrachlorophenol

Concen: 27.911 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Tgt Ion:232 Resp: 72965

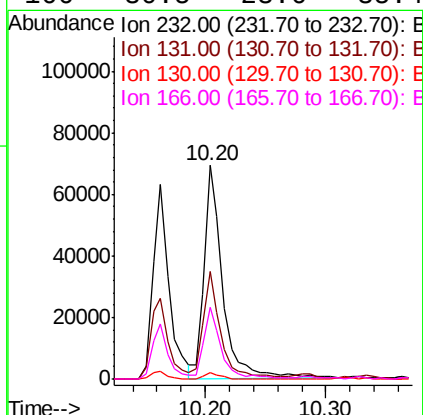
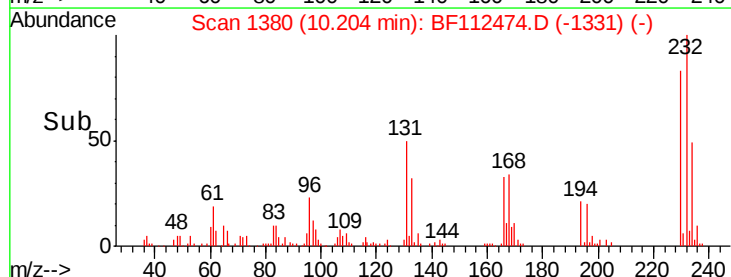
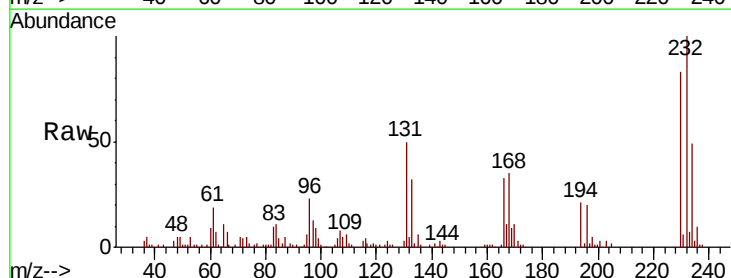
Ion Ratio Lower Upper

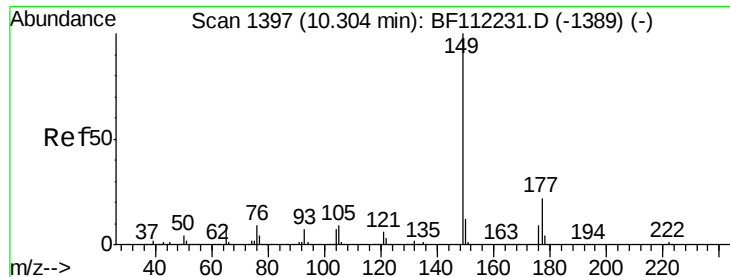
232 100

131 48.4 33.9 50.9

130 2.4 1.8 2.6

166 30.5 23.6 35.4

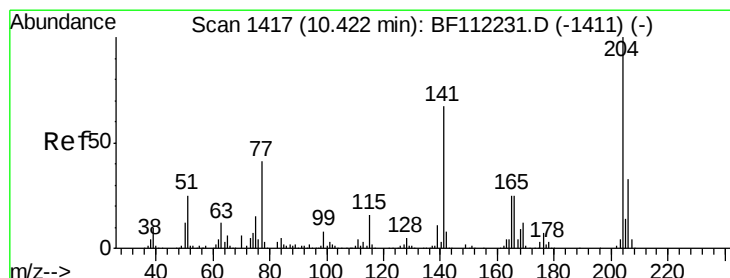
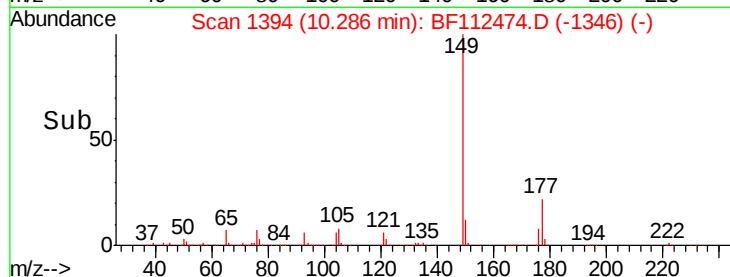
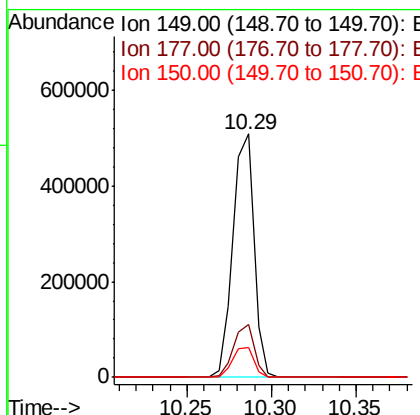
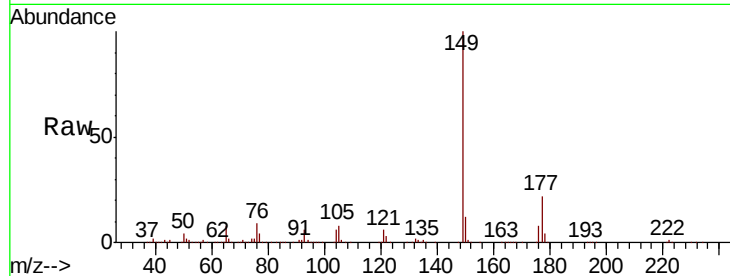




#60
Diethylphthalate
Concen: 35.097 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

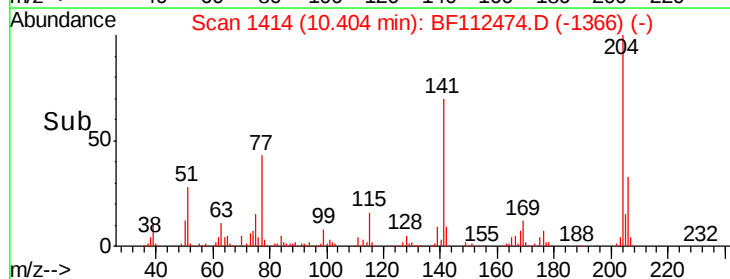
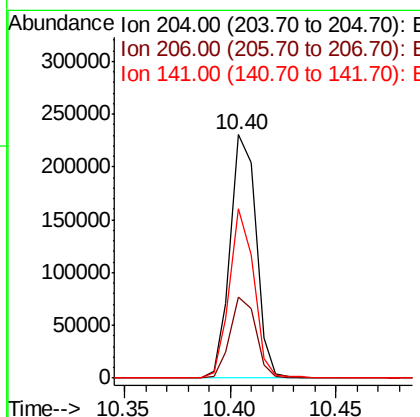
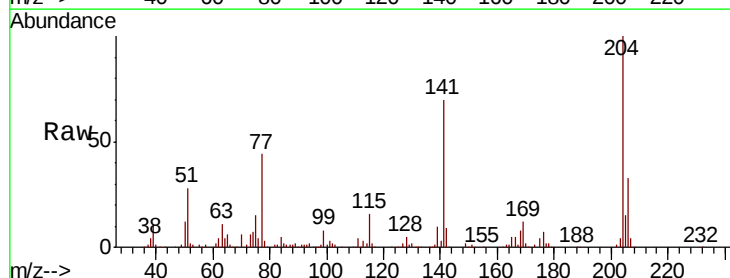
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

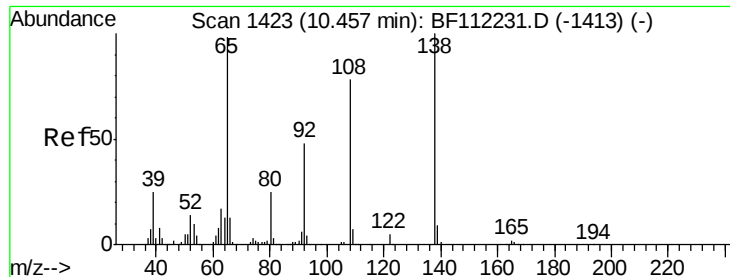
Tot Ion:149 Resp: 442557
Ion Ratio Lower Upper
149 100
177 21.6 18.2 27.2
150 12.5 10.4 15.6



#61
4-Chlorophenyl-phenylether
Concen: 32.544 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:204 Resp: 196527
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 69.7 45.9 68.9#





#62

4-Nitroaniline

Concen: 31.266 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

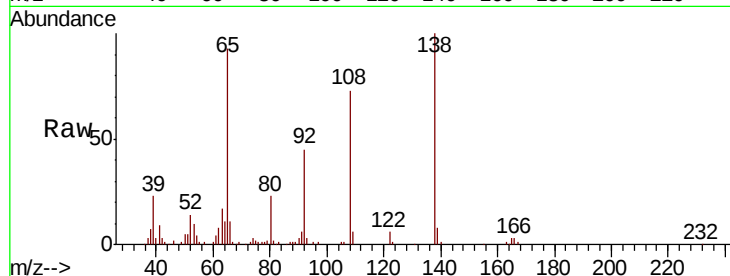
Tot Ion:138 Resp: 94549

Ion Ratio Lower Upper

138 100

92 45.2 30.6 70.6

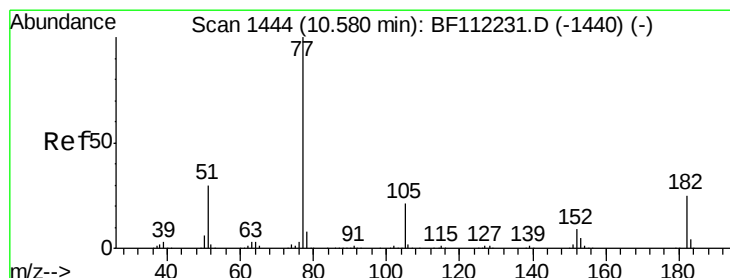
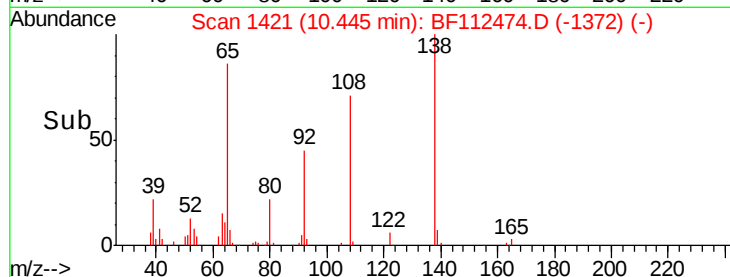
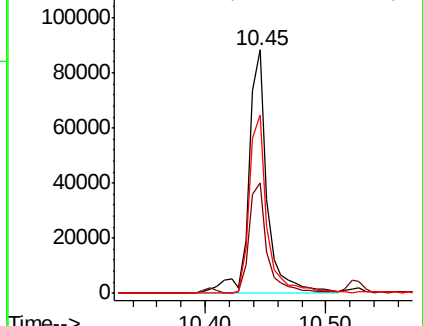
108 73.0 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 33.342 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Tgt Ion: 77 Resp: 369764

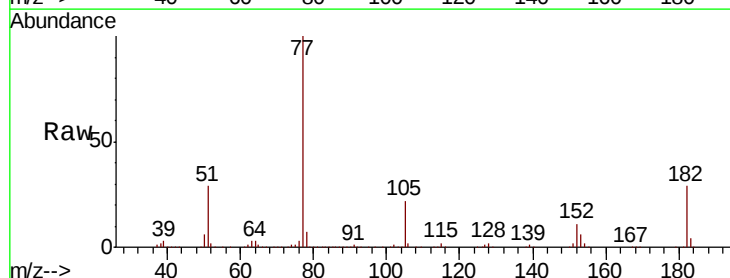
Ion Ratio Lower Upper

77 100

182 28.7 5.7 45.7

105 22.1 1.4 41.4

51 29.0 9.5 49.5

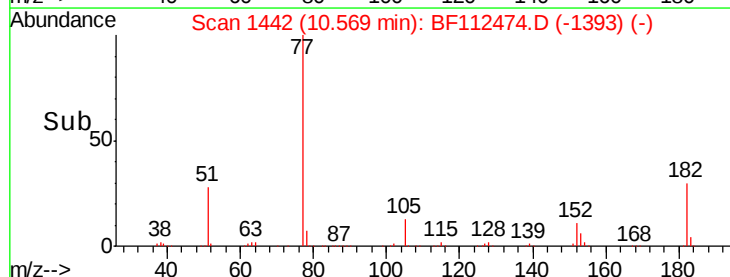
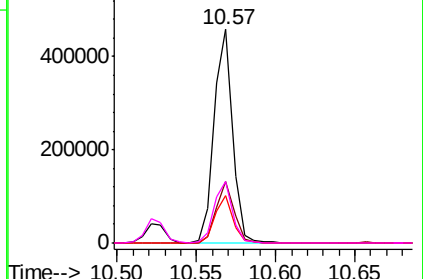


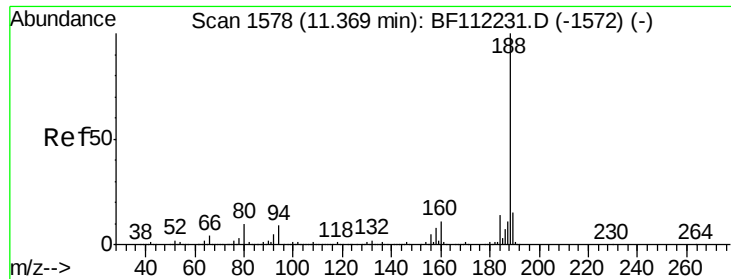
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

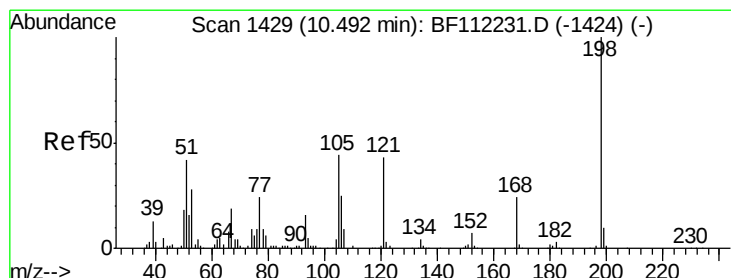
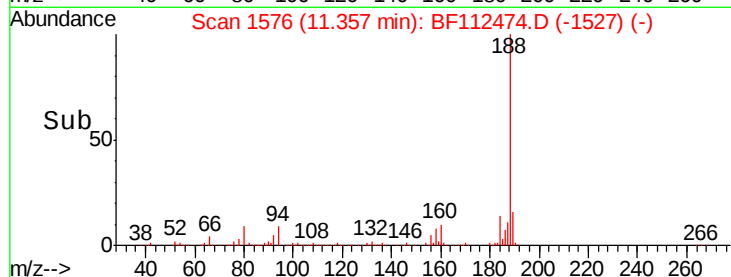
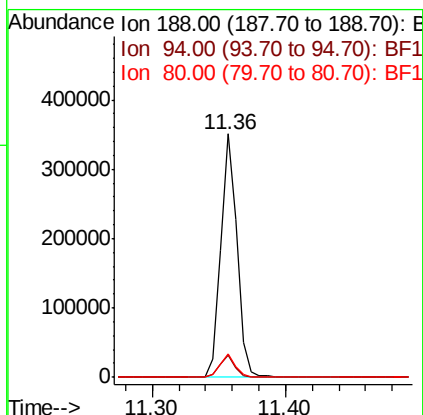
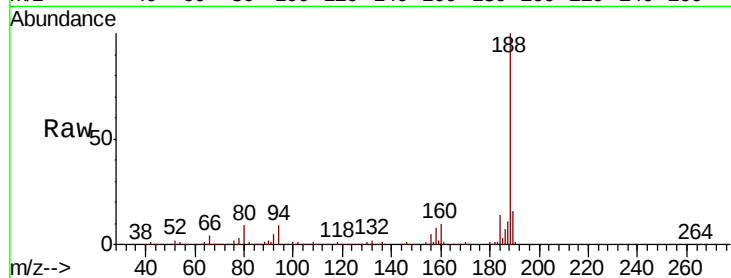




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

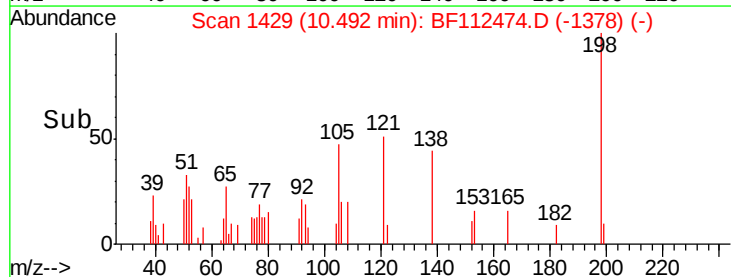
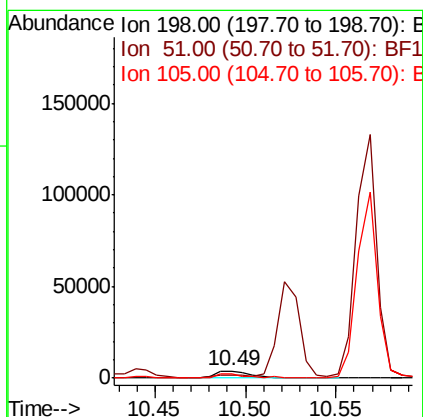
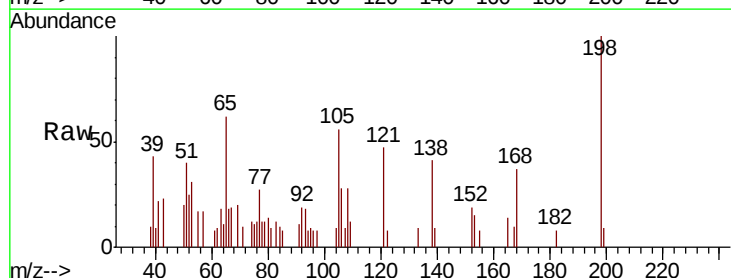
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

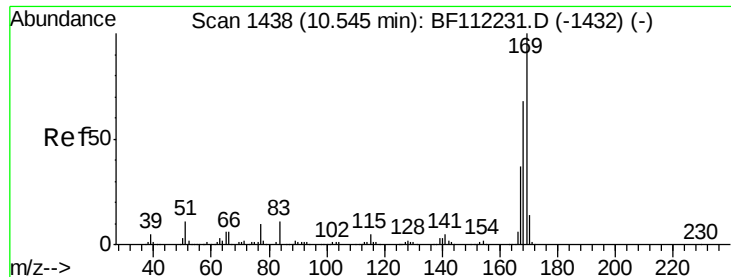
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.4	8.9	13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 3.061 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.2	17.2	57.2
105	55.7	21.9	61.9

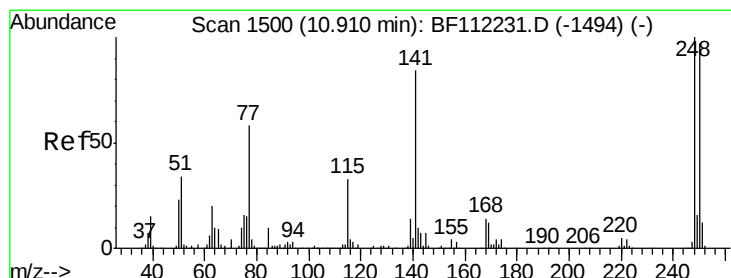
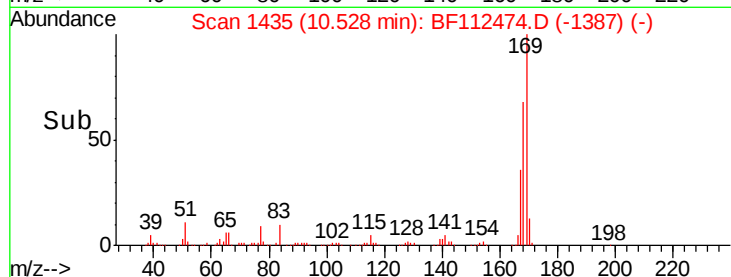
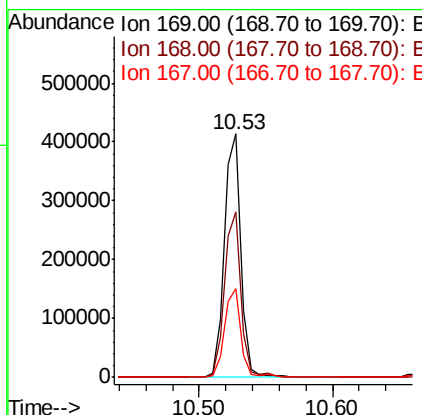
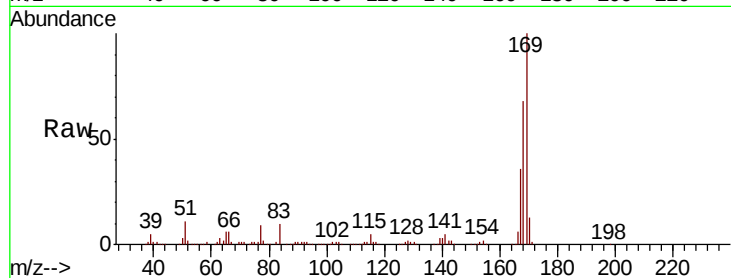




#66
 n-Nitrosodiphenylamine
 Concen: 35.472 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

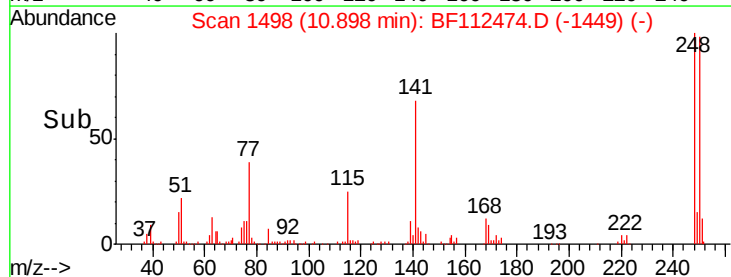
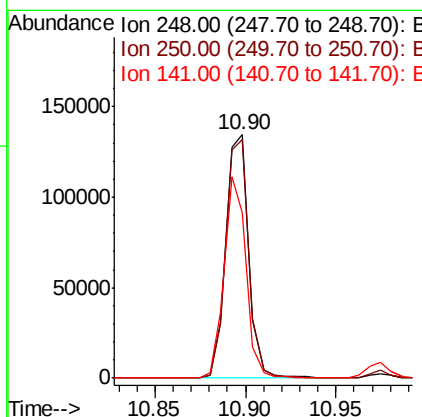
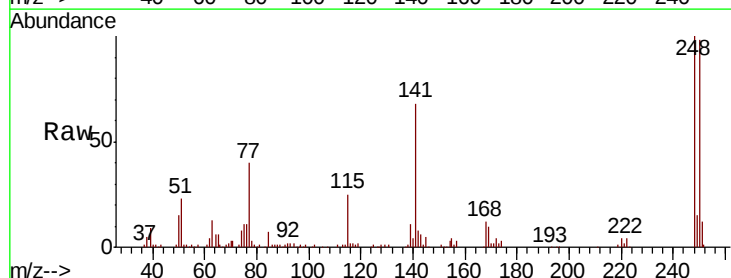
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

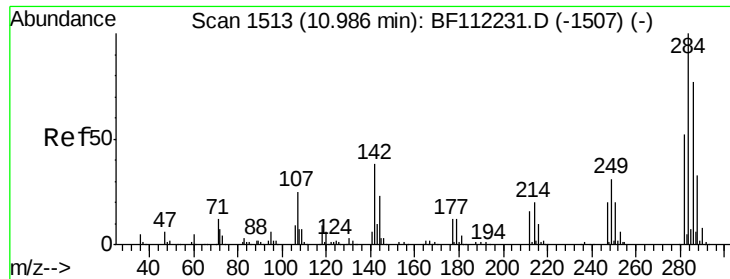
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.9	80.9
167	36.4	28.9	43.3



#67
 4-Bromophenyl-phenylether
 Concen: 33.259 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.7	119.5
141	67.9	60.3	90.5





#68

Hexachlorobenzene

Concen: 33.047 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

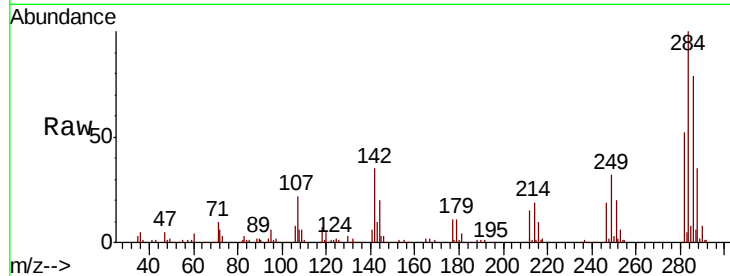
Tot Ion:284 Resp: 126528

Ion Ratio Lower Upper

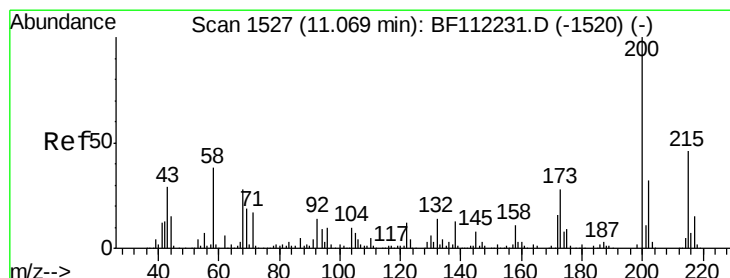
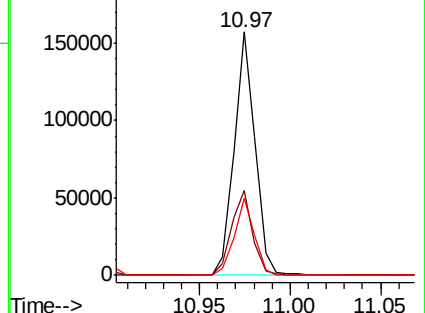
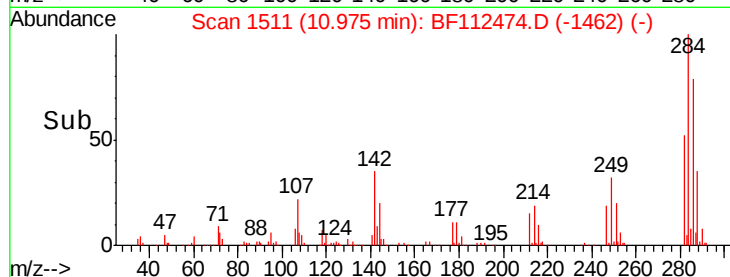
284 100

142 35.0 27.6 41.4

249 31.6 24.1 36.1



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: 35.474 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

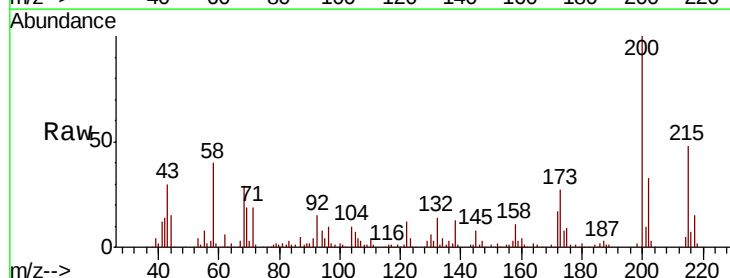
Tgt Ion:200 Resp: 117050

Ion Ratio Lower Upper

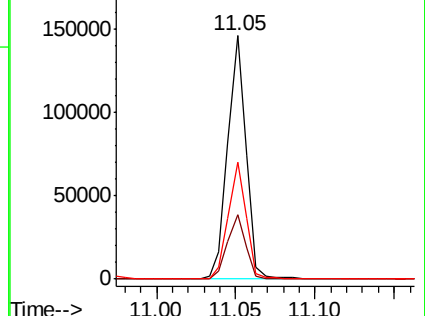
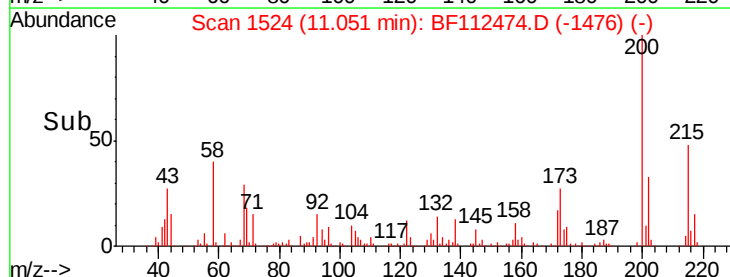
200 100

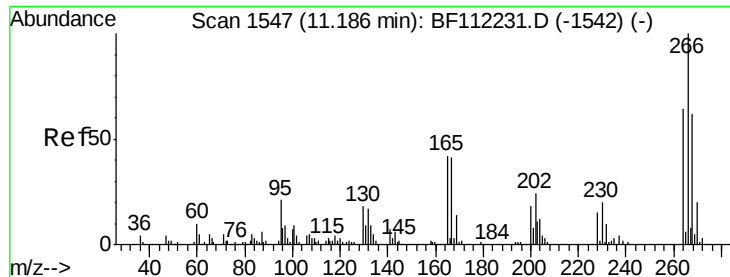
173 26.7 7.1 47.1

215 48.0 30.4 70.4



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

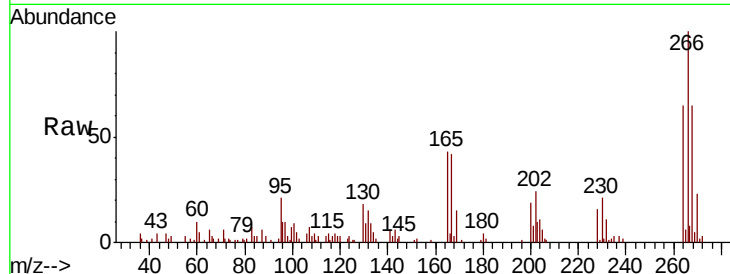




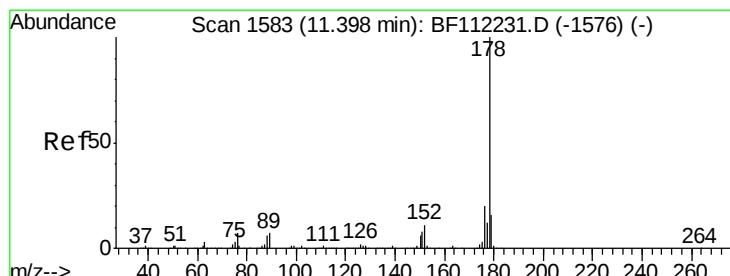
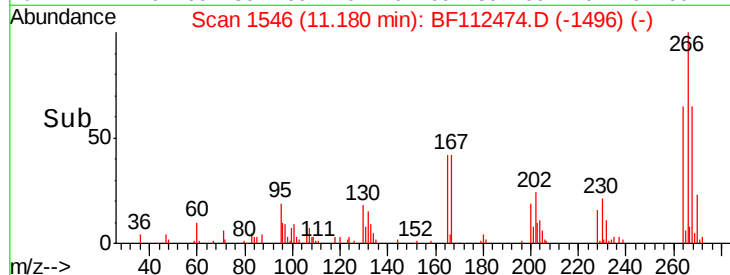
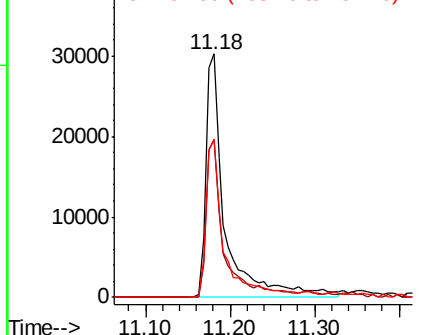
#70
 Pentachlorophenol
 Concen: 32.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion:266 Resp: 47672
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.2 76.8
 264 65.0 50.9 76.3

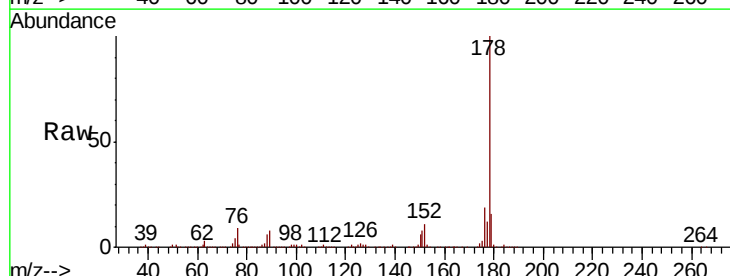


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

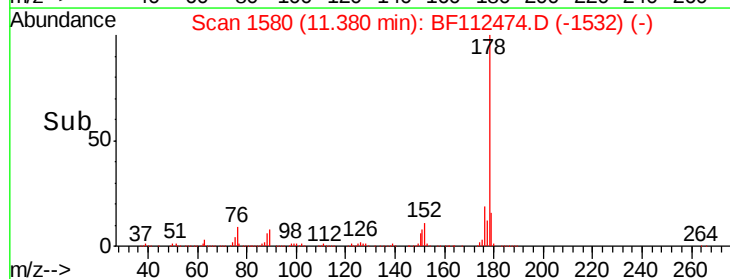
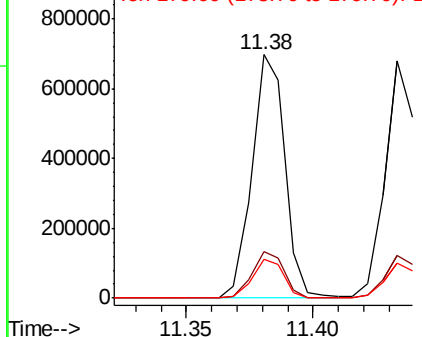


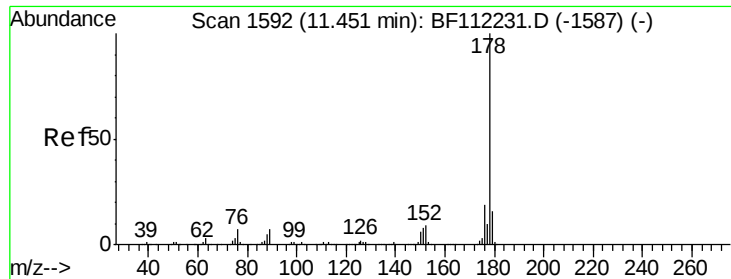
#71
 Phenanthrene
 Concen: 39.894 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion:178 Resp: 629290
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.3 24.5
 179 15.8 13.0 19.4



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: 38.526 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

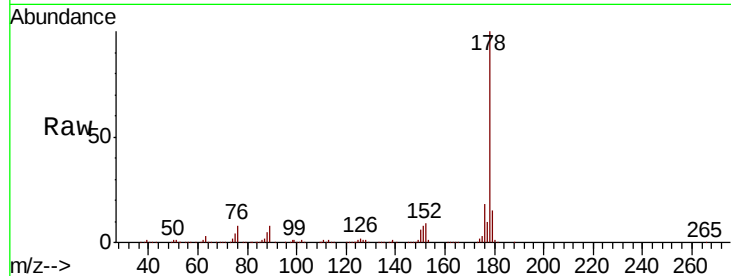
Tot Ion:178 Resp: 605364

Ion Ratio Lower Upper

178 100

176 18.1 15.5 23.3

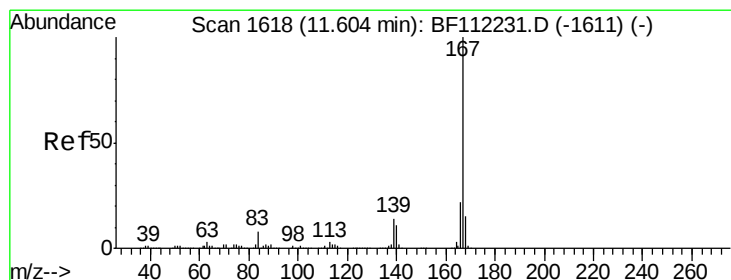
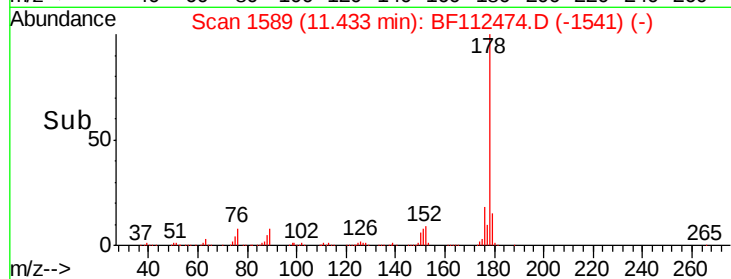
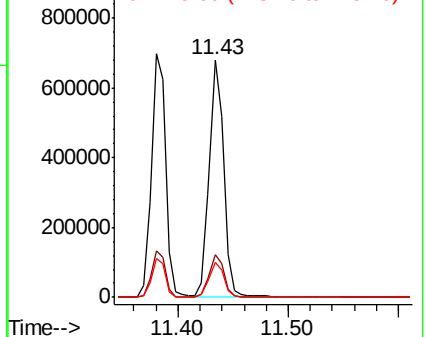
179 14.9 12.8 19.2



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: 33.680 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

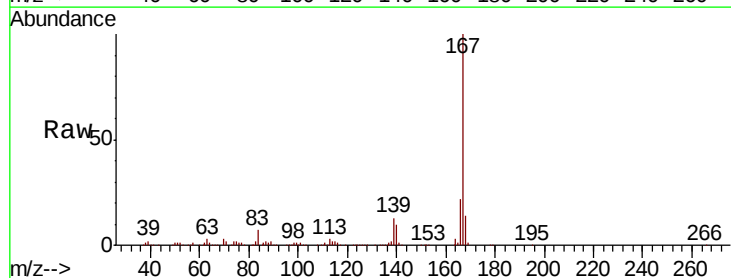
Tgt Ion:167 Resp: 522028

Ion Ratio Lower Upper

167 100

166 21.8 17.9 26.9

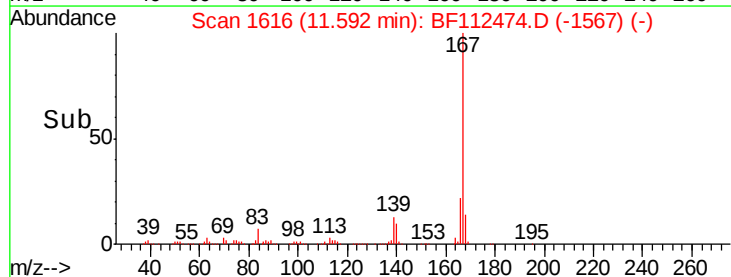
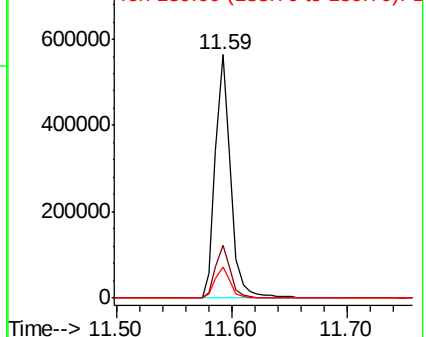
139 12.8 10.2 15.2

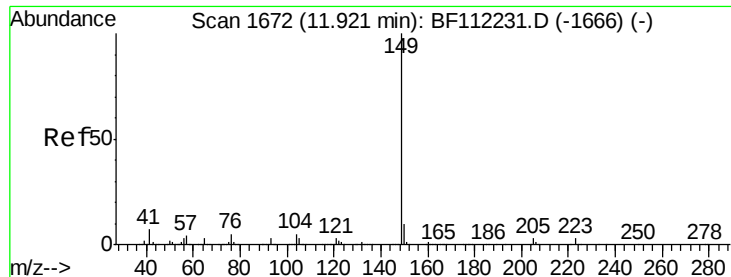


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 36.322 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

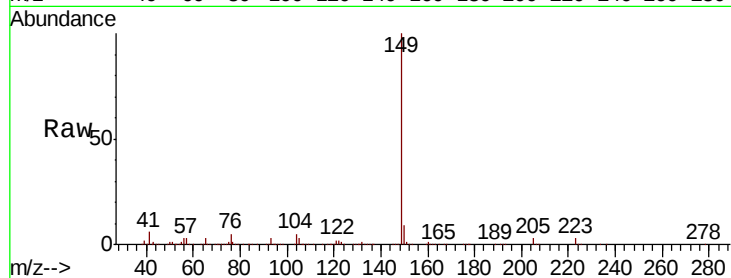
Tot Ion:149 Resp: 698783

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

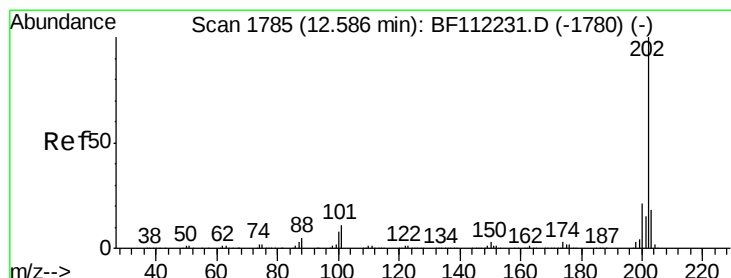
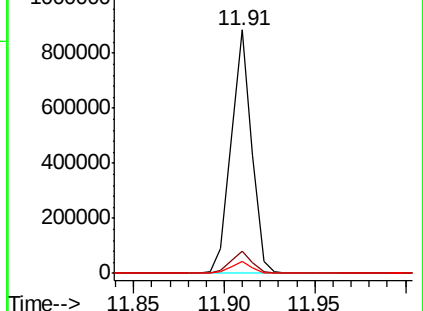
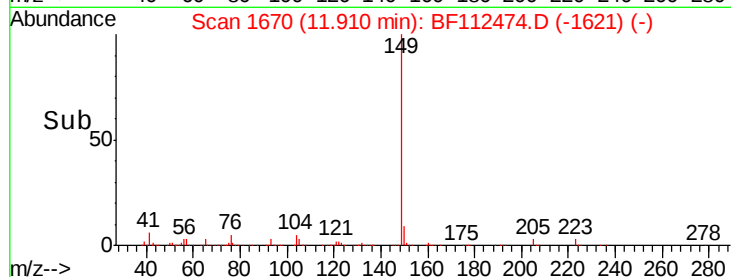
104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 40.006 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

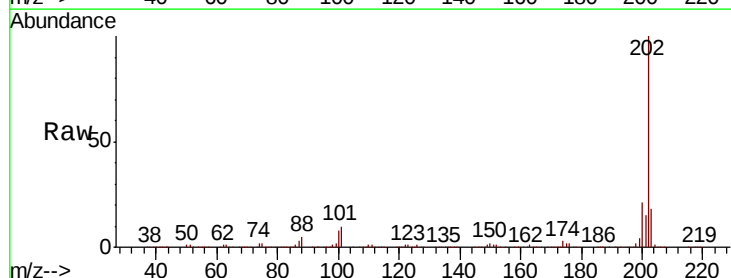
Tgt Ion:202 Resp: 676850

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.8

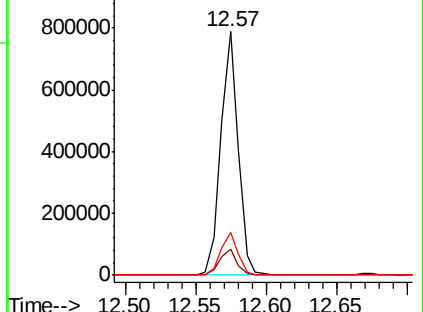
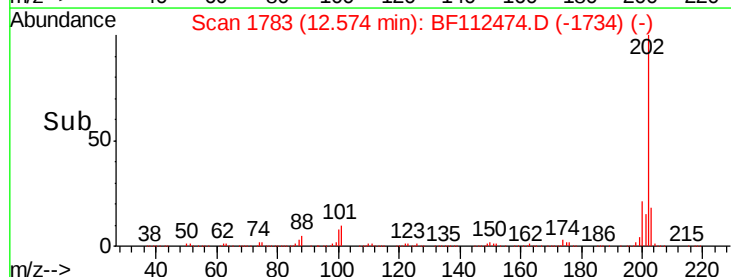
203 17.6 0.0 38.4

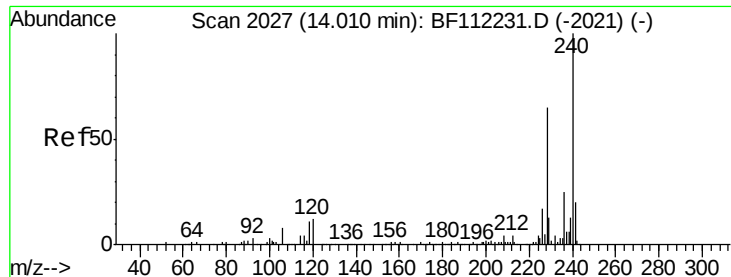


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

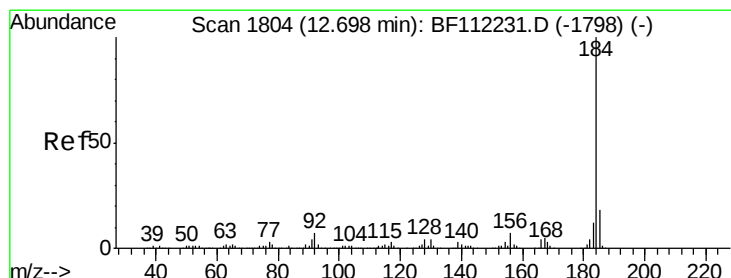
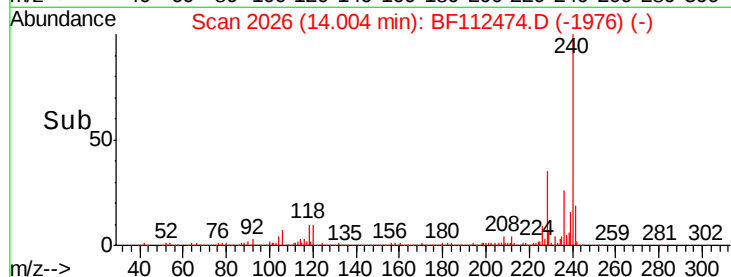
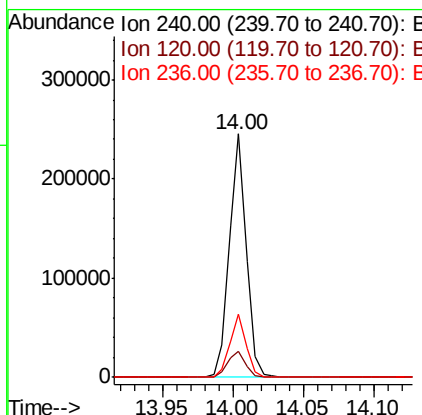
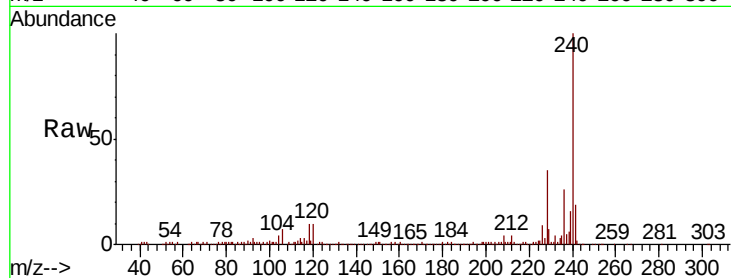




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

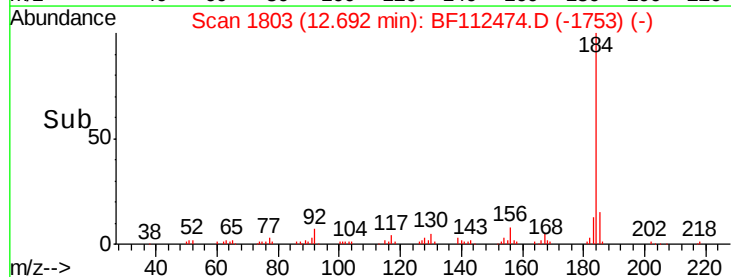
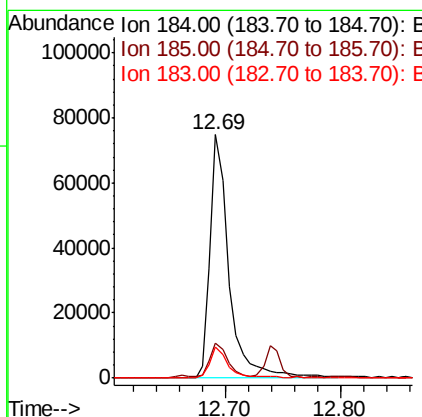
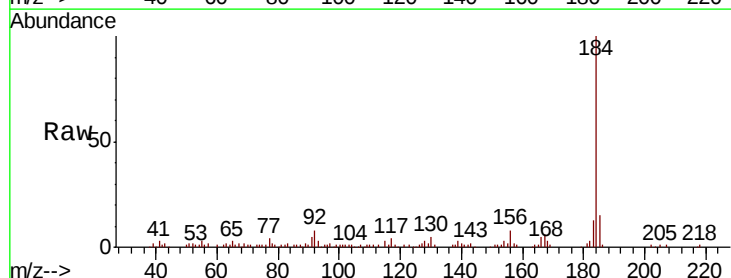
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

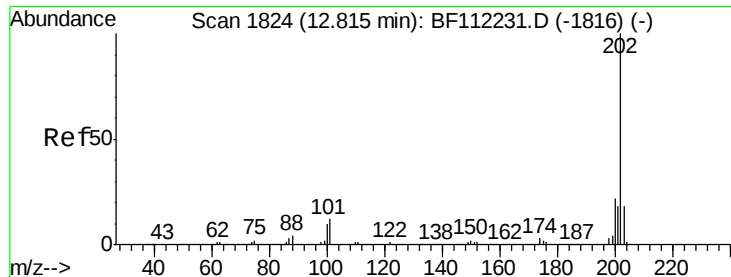
Tot Ion:240 Resp: 205115
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.0 13.6
 236 25.9 20.7 31.1



#77
 Benzidine
 Concen: 15.275 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion:184 Resp: 86235
 Ion Ratio Lower Upper
 184 100
 185 14.6 13.9 20.9
 183 12.9 10.0 15.0

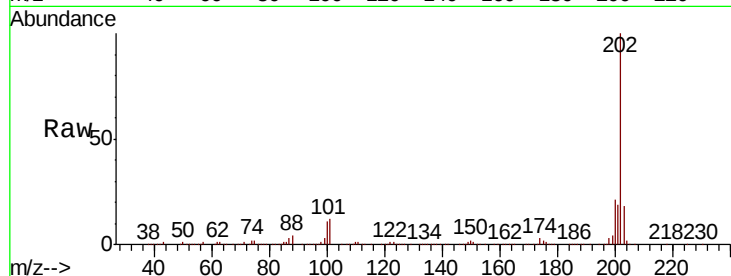




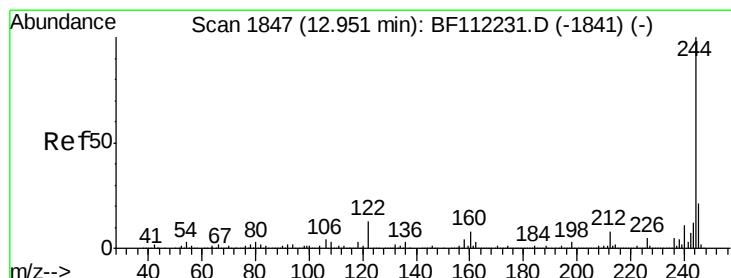
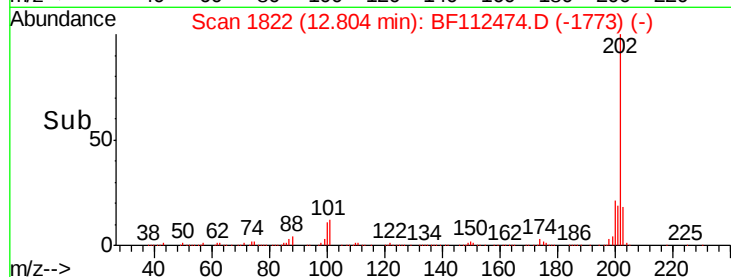
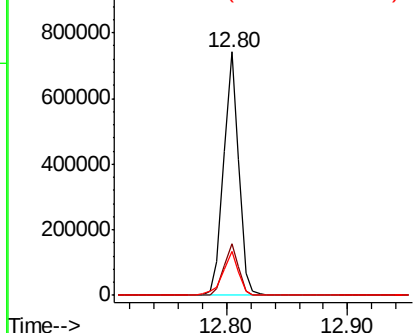
#78
Pvrene
Concen: 44.908 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion:202 Resp: 637742
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 18.1 14.6 22.0

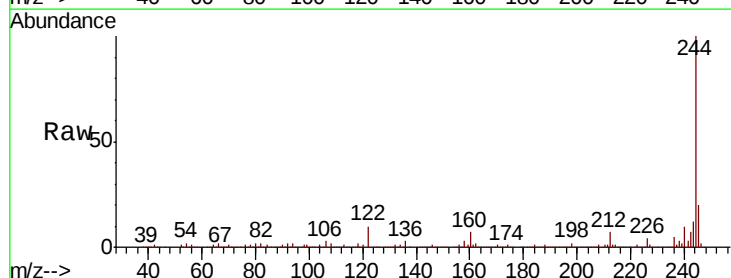


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

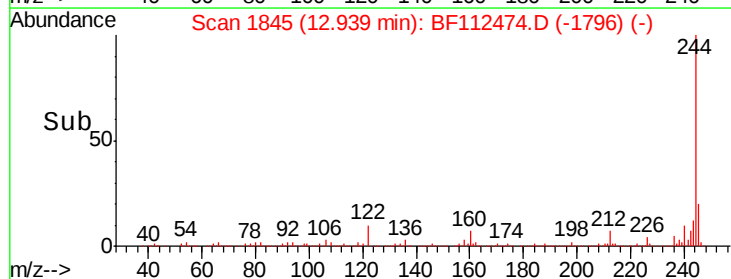
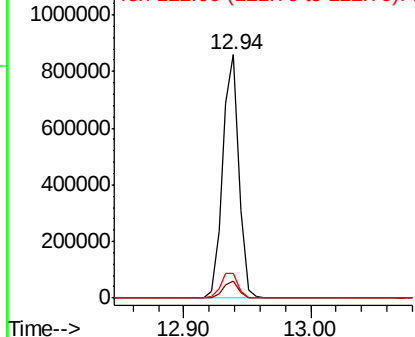


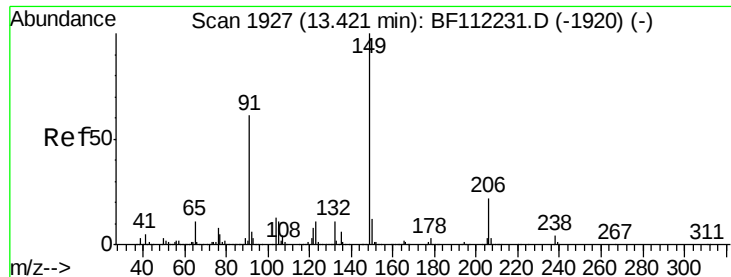
#79
Terphenyl-d14
Concen: 70.286 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion:244 Resp: 765445
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.2 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

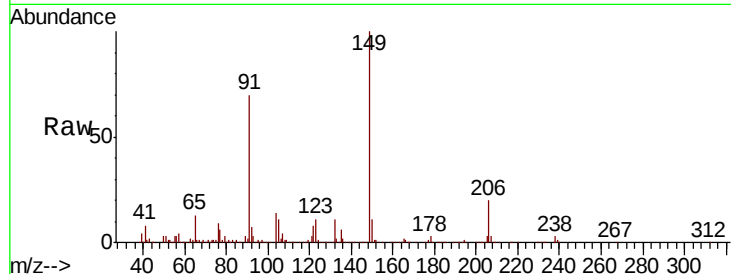




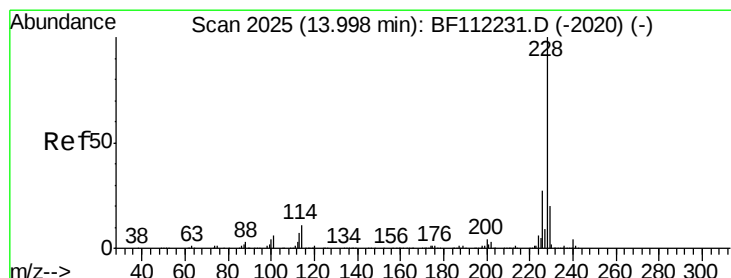
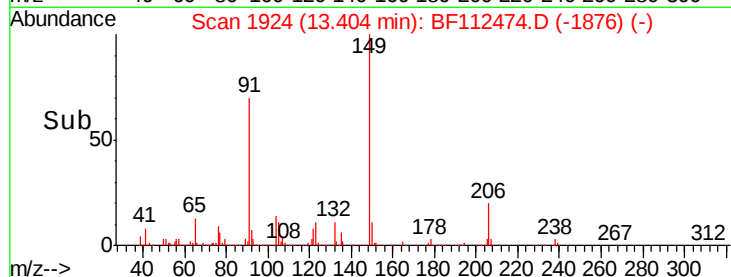
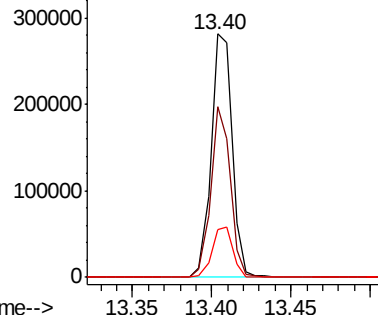
#80
Butylbenzylphthalate
Concen: 37.454 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	50.3	75.5
206	19.8	18.2	27.4

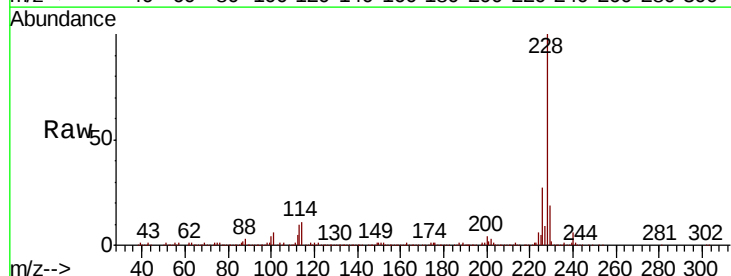


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

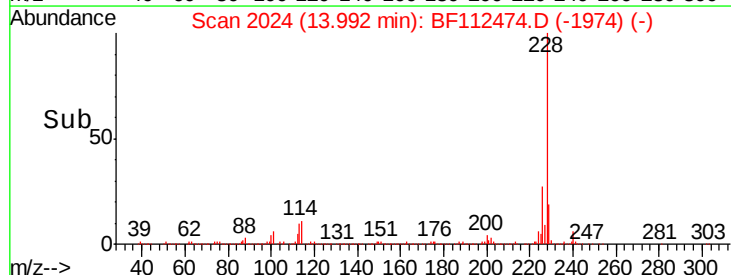
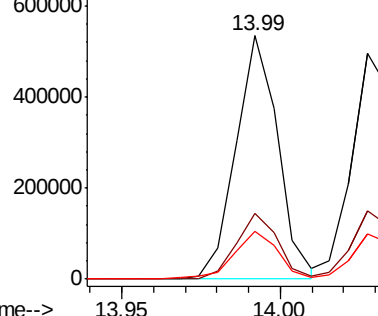


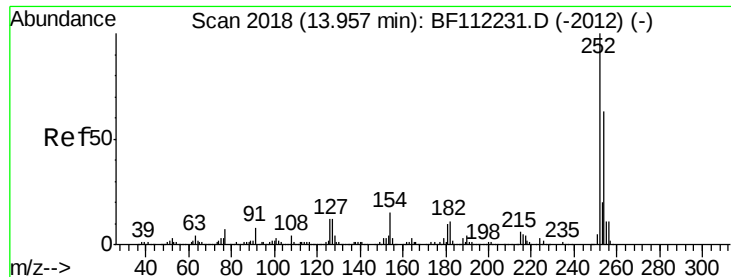
#81
Benzo(a)anthracene
Concen: 40.772 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	19.4	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

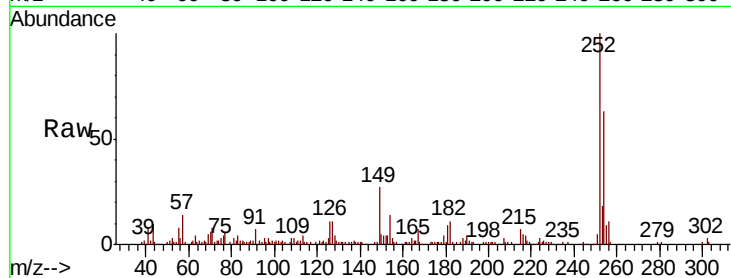




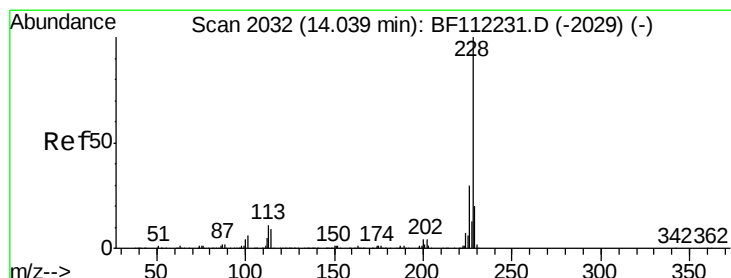
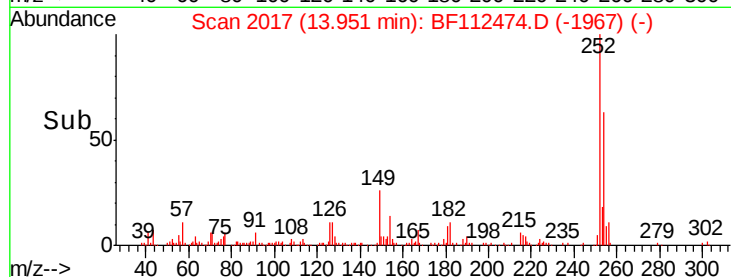
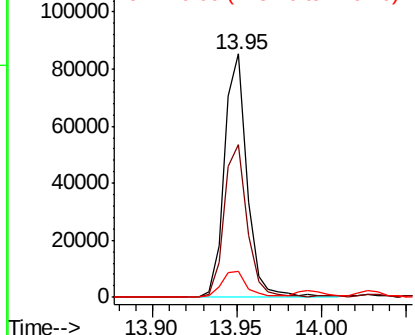
#82
 3,3'-Dichlorobenzidine
 Concen: 17.679 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.6	77.4
126	10.7	8.6	12.8

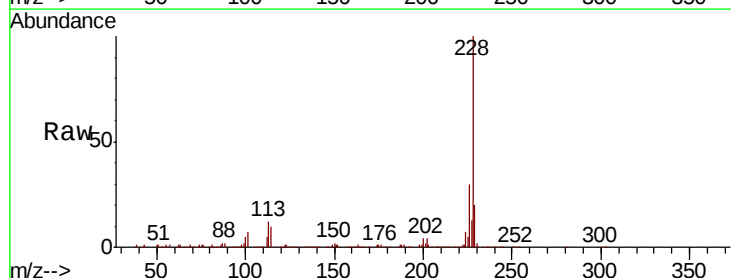


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

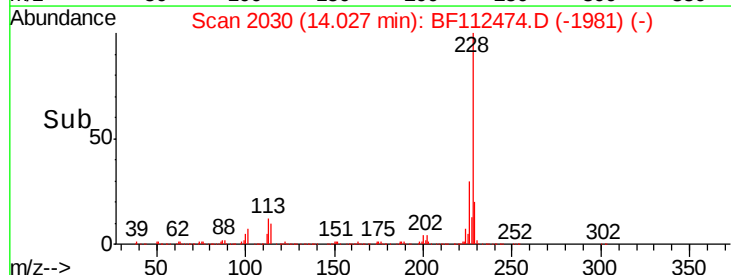
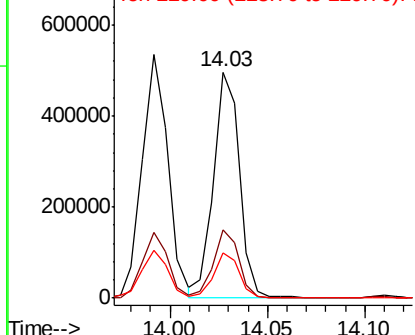


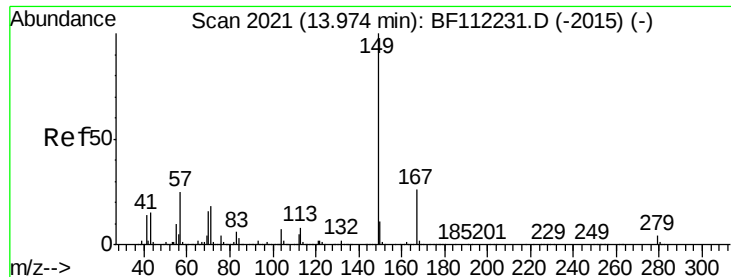
#83
 Chrysene
 Concen: 39.704 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.9	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.167 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

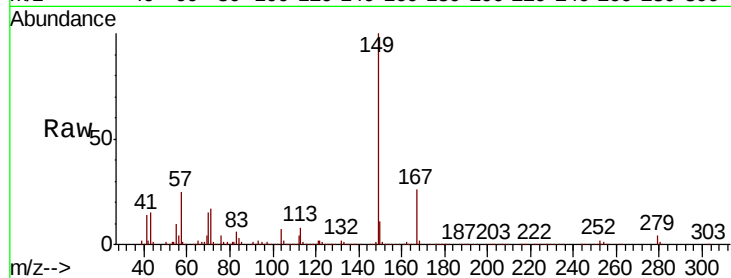
BNA_F

ClientSampleId :

98-SB-01-2-4MS

Tot Ion:149 Resp: 372238

Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.5	33.7
279	3.8	3.8	5.6

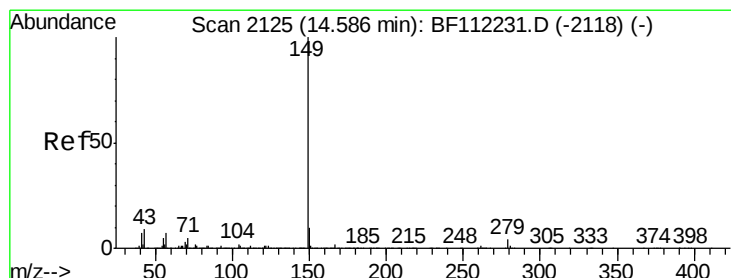
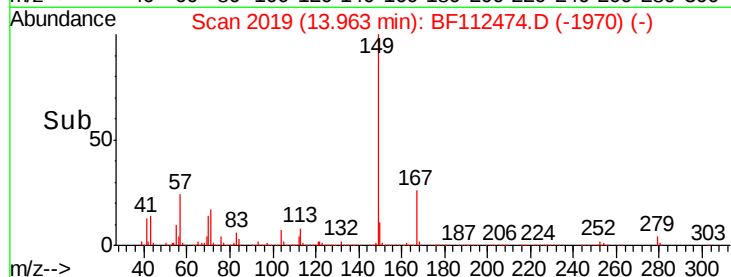
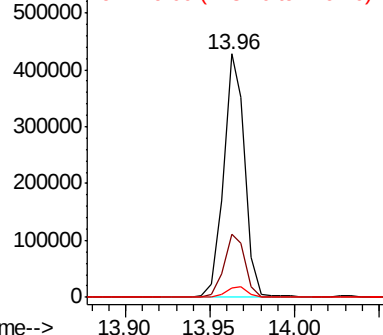


Abundance

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: 37.667 ng

RT: 14.57 min Scan# 2123

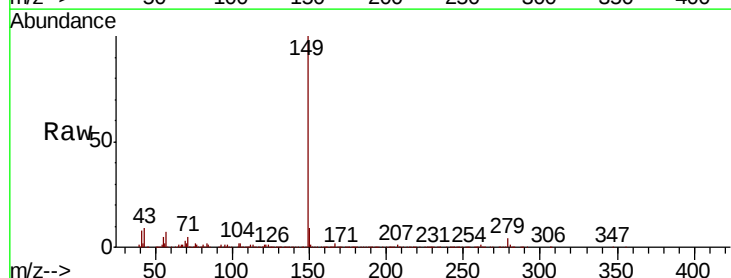
Delta R.T. -0.01 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Tgt Ion:149 Resp: 565200

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.8	11.6

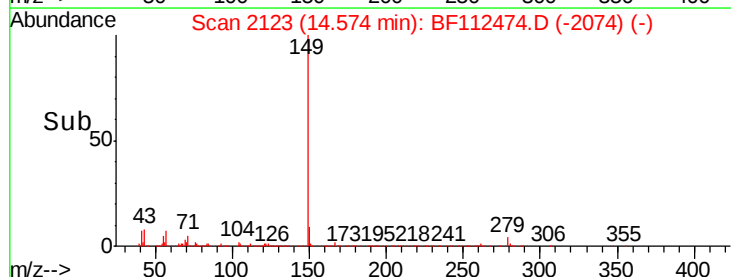
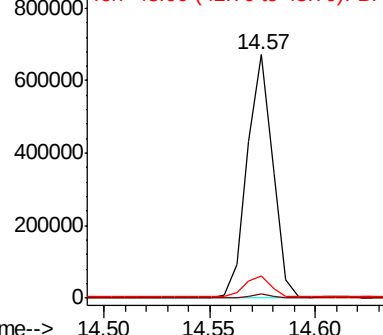


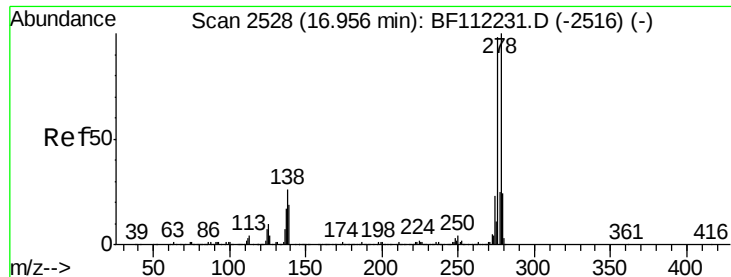
Abundance

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

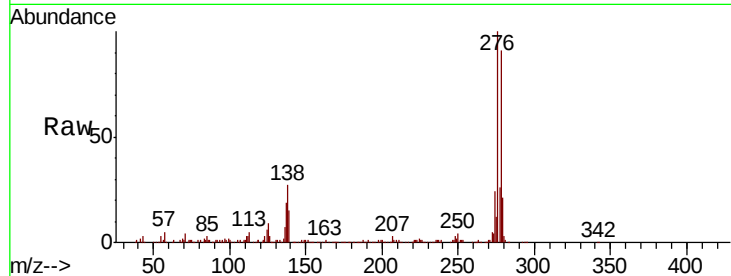




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.376 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.6	34.0
277	25.6	20.3	30.5

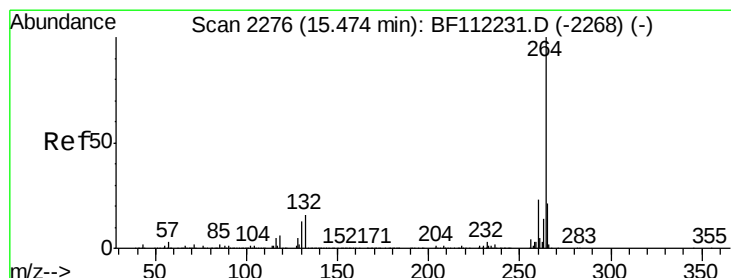
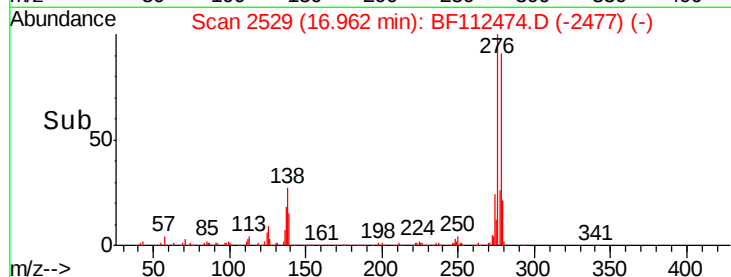
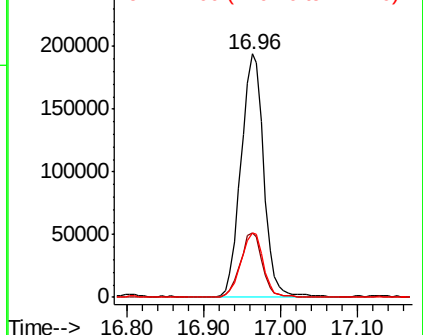


Abundance

Ion 276.00 (275.70 to 276.70): E

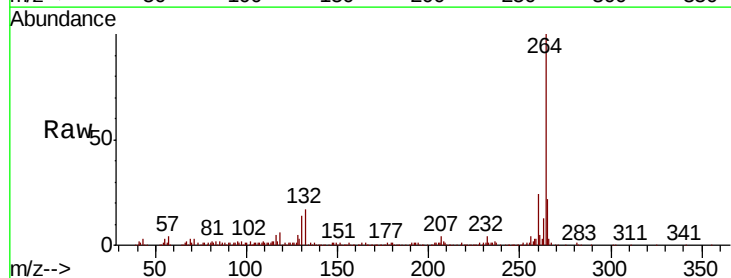
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.0	17.0	25.4

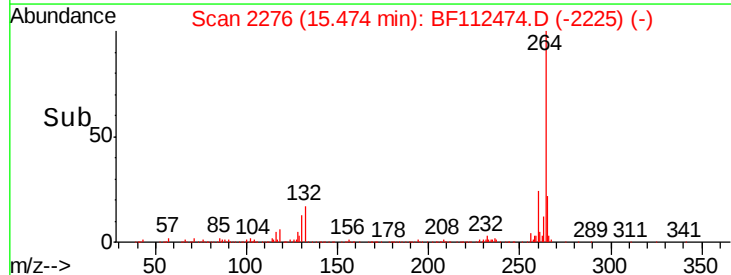
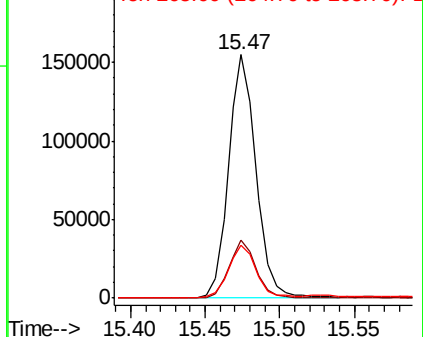


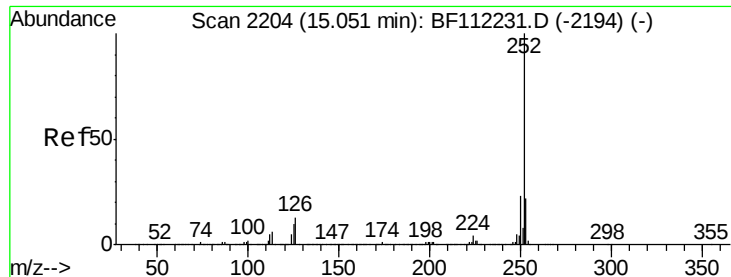
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

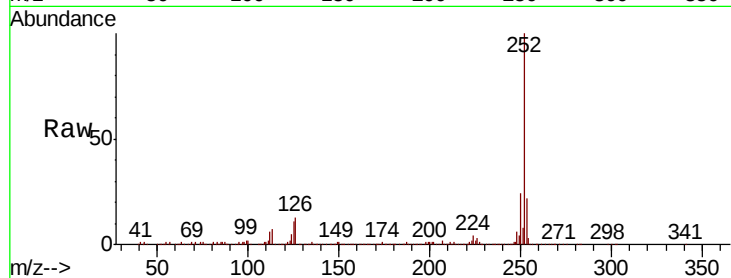




#88
Benzo(b)fluoranthene
Concen: 42.586 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.5	8.7	13.1

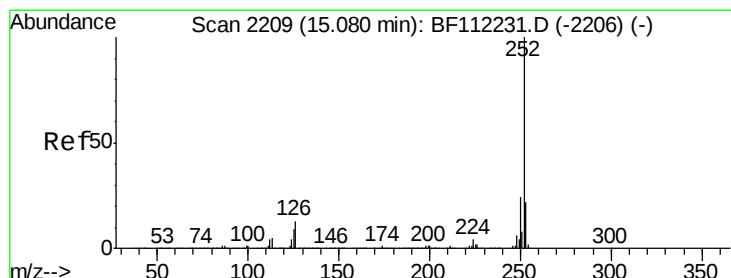
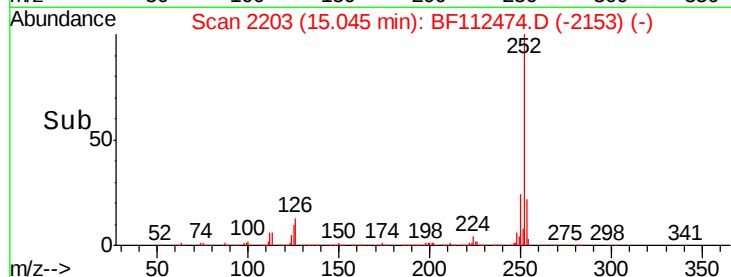
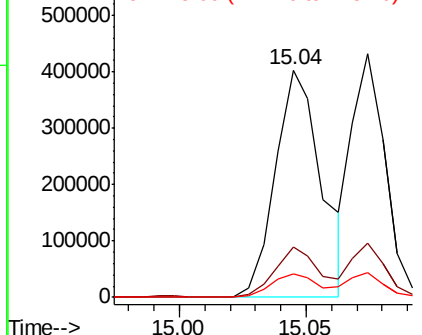


Abundance

Ion 252.00 (251.70 to 252.70): E

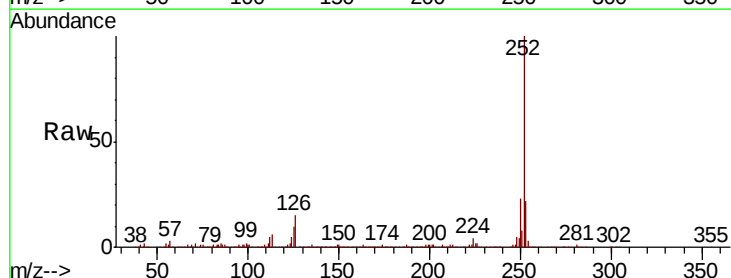
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 34.782 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112474.D
Acq: 8 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.4	9.1	13.7

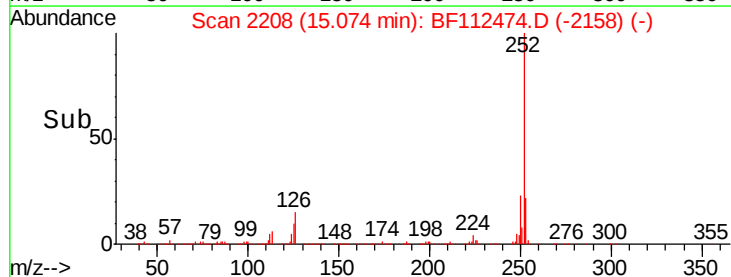
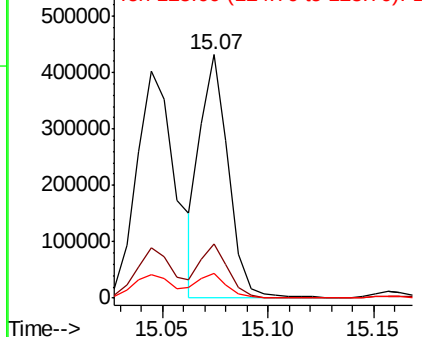


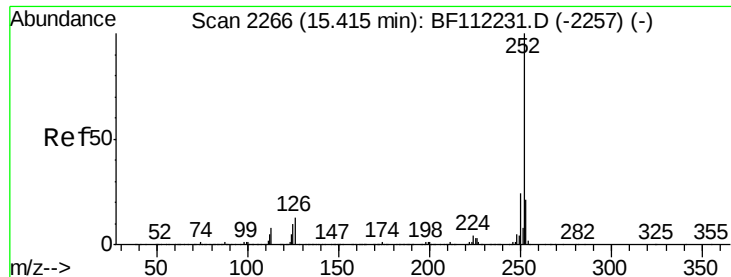
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 40.303 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

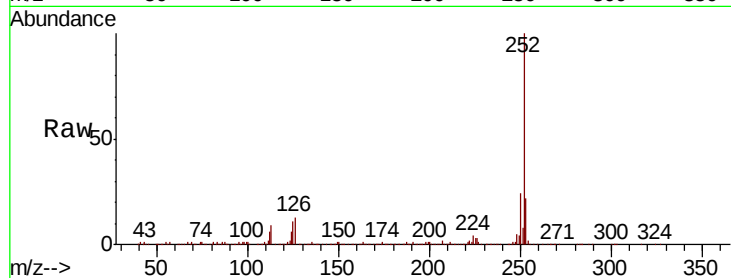
Tot Ion:252 Resp: 435405

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

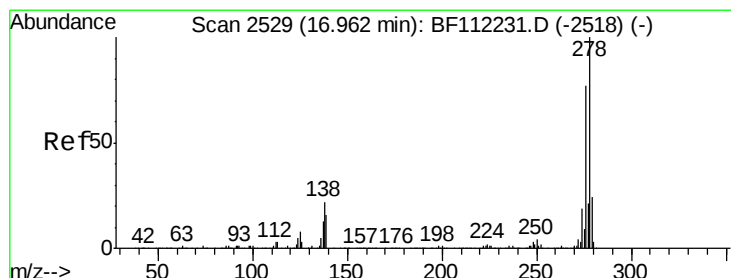
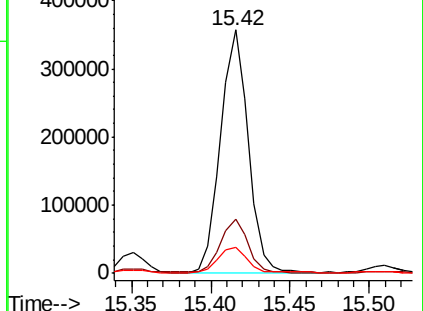
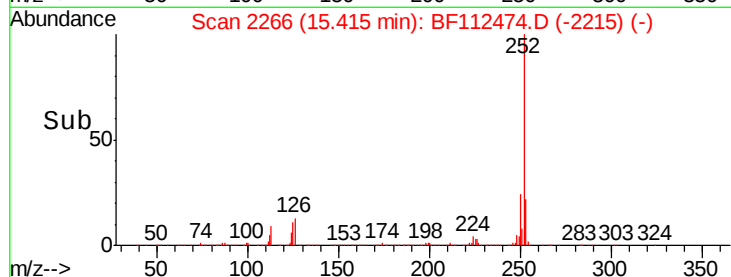
125 10.9 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 37.329 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112474.D

Acq: 8 Feb 2019 21:52

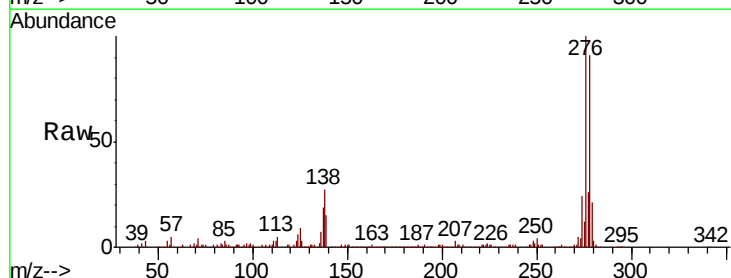
Tgt Ion:278 Resp: 325013

Ion Ratio Lower Upper

278 100

139 16.4 13.7 20.5

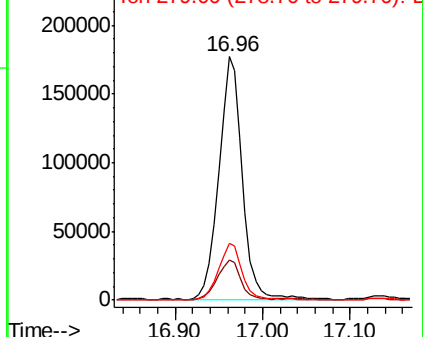
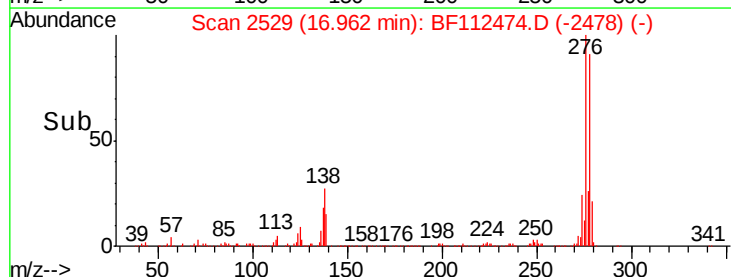
279 23.5 19.0 28.6

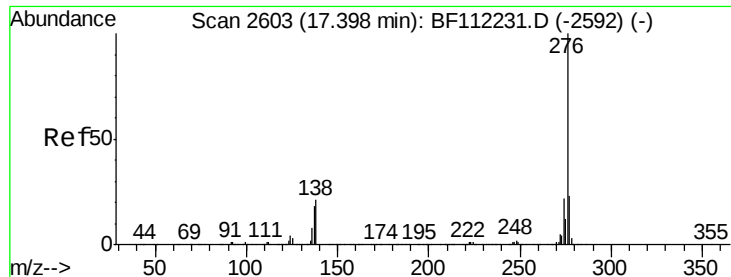


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

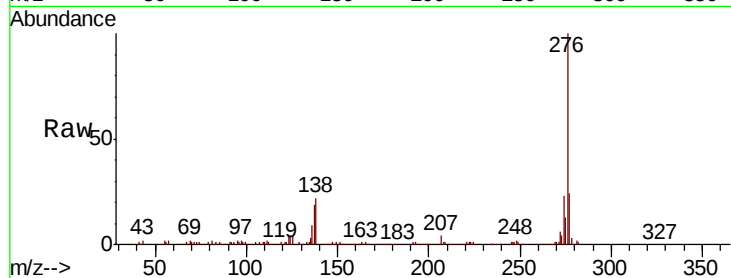




#92
 Benzo(a,h,i)perylene
 Concen: 38.742 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. 0.01 min
 Lab File: BF112474.D
 Acq: 8 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	22.0	19.1	28.7



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

