

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112686.D
 Acq On : 25 Feb 2019 12:26
 Operator : JU/SJ
 Sample : K1556-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Quant Time: Feb 25 14:10:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 14:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75782	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	278771	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	117336	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	185677	20.00	ng	0.00
76) Chrysene-d12	13.99	240	181790	20.00	ng	0.00
87) Perylene-d12	15.46	264	200534	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	597319	167.42	ng	0.00
7) Phenol-d6	6.49	99	727099	146.66	ng	0.00
23) Nitrobenzene-d5	7.39	82	467475	96.62	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	166498	121.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	850812	102.55	ng	0.00
79) Terphenyl-d14	12.92	244	728390	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	59225	41.671	ng	94
3) Pyridine	3.35	79	145168	40.154	ng	97
4) n-Nitrosodimethylamine	3.29	42	86667	57.058	ng	83
6) Aniline	6.49	93	163382	27.704	ng	87
8) 2-Chlorophenol	6.62	128	205329	42.781	ng	98
9) Benzaldehyde	6.37	77	83413	32.190	ng	98
10) Phenol	6.50	94	288090	52.967	ng	83
11) bis(2-Chloroethyl)ether	6.55	93	183389	42.827	ng	97
12) 1,3-Dichlorobenzene	6.76	146	224151	40.101	ng	99
13) 1,4-Dichlorobenzene	6.83	146	224494	39.025	ng	98
14) 1,2-Dichlorobenzene	6.99	146	213369	39.615	ng	96
15) Benzyl Alcohol	6.97	79	175583	42.014	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	210557	38.297	ng	98
17) 2-Methylphenol	7.10	107	154736	40.669	ng	92
18) Hexachloroethane	7.32	117	83614	41.392	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	137127	40.113	ng	99
20) 3+4-Methylphenols	7.26	107	203931	41.915	ng	# 60
22) Acetophenone	7.23	105	281882	41.526	ng	93
24) Nitrobenzene	7.40	77	203780	42.174	ng	100
25) Isophorone	7.64	82	347712	45.812	ng	98
26) 2-Nitrophenol	7.72	139	106300	41.166	ng	# 90
27) 2,4-Dimethylphenol	7.77	122	167908	47.196	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	217751	42.134	ng	99
29) 2,4-Dichlorophenol	7.99	162	158992	39.935	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	179512	39.226	ng	98
31) Naphthalene	8.12	128	584448	44.831	ng	98
32) Benzoic acid	7.92	122	33344	16.431	ng	98
33) 4-Chloroaniline	8.18	127	71012	12.510	ng	# 94
34) Hexachlorobutadiene	8.23	225	106448	39.638	ng	99
35) Caprolactam	8.56	113	39423	28.069	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	158097	37.511	ng	96
37) 2-Methylnaphthalene	8.81	142	384321	43.063	ng	96
38) 1-Methylnaphthalene	8.91	142	360893	42.190	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	167453	43.465	ng	97

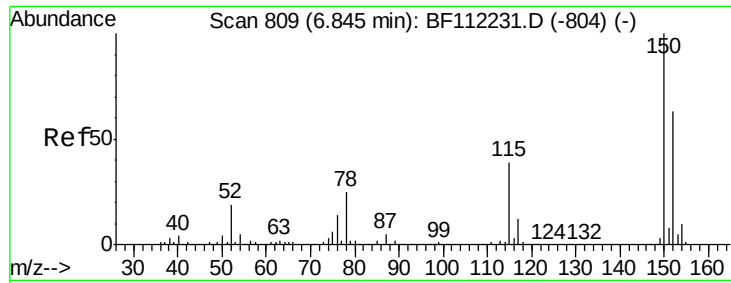
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	49847	39.588	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	97358	40.997	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	92026	37.078	nq	# 92
46) 1,1'-Biphenyl	9.27	154	446909	43.567	nq	98
47) 2-Chloronaphthalene	9.30	162	332346	41.780	nq	96
48) 2-Nitroaniline	9.41	65	91707	42.298	nq	88
49) Acenaphthylene	9.72	152	531643	45.598	nq	98
50) Dimethylphthalate	9.57	163	413875	45.399	nq	99
51) 2,6-Dinitrotoluene	9.65	165	80023	39.194	nq	# 77
52) Acenaphthene	9.89	154	305504	43.863	nq	99
53) 3-Nitroaniline	9.83	138	57603	26.042	nq	97
54) 2,4-Dinitrophenol	9.96	184	33411	50.990	nq	# 82
55) Dibenzofuran	10.06	168	444579	41.770	nq	# 91
56) 4-Nitrophenol	10.06	139	260442	222.707	nq	# 19
57) 2,4-Dinitrotoluene	10.06	165	103172	39.693	nq	# 77
58) Fluorene	10.40	166	351253	44.101	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	69324	36.961	nq	# 96
60) Diethylphthalate	10.26	149	361380	39.945	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	163792	37.804	nq	92
62) 4-Nitroaniline	10.45	138	65128	30.018	nq	90
63) Azobenzene	10.55	77	313126	39.354	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	31348	30.113	nq	84
66) n-Nitrosodiphenylamine	10.51	169	283749	45.343	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	89980	41.203	nq	94
68) Hexachlorobenzene	10.96	284	94392	40.287	nq	94
69) Atrazine	11.03	200	78000	38.629	nq	92
70) Pentachlorophenol	11.17	266	54364	59.631	nq	99
71) Phenanthrene	11.36	178	584626	60.564	nq	97
72) Anthracene	11.42	178	499904	51.988	nq	98
73) Carbazole	11.58	167	386011	40.697	nq	99
74) Di-n-butylphthalate	11.89	149	488653	41.505	nq	98
75) Fluoranthene	12.56	202	915460	88.420	nq	99
77) Benzdine	12.68	184	78450	15.679	nq	99
78) Pyrene	12.79	202	890410	70.745	nq	99
80) Butylbenzylphthalate	13.38	149	224203	36.819	nq	95
81) Benzo(a)anthracene	13.97	228	753618	70.520	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	87478	21.873	nq	# 99
83) Chrysene	14.02	228	665133	65.204	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	310388	35.909	nq	97
85) Di-n-octyl phthalate	14.54	149	578882	43.529	nq	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	674798	83.484	nq	94
88) Benzo(b)fluoranthene	15.03	252	884590	73.760	nq	99
89) Benzo(k)fluoranthene	15.06	252	635657	55.335	nq	100
90) Benzo(a)pyrene	15.40	252	789979	73.207	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	442204	50.845	nq	99
92) Benzo(g,h,i)perylene	17.40	276	540949	65.927	nq	96

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

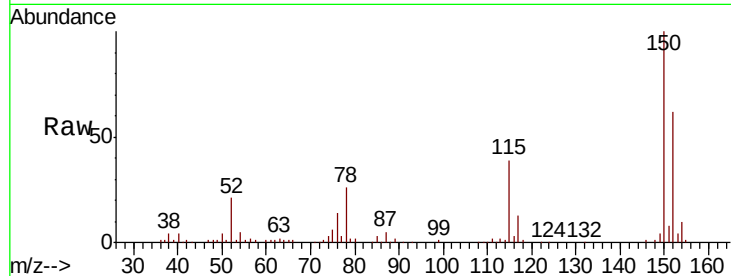


#1

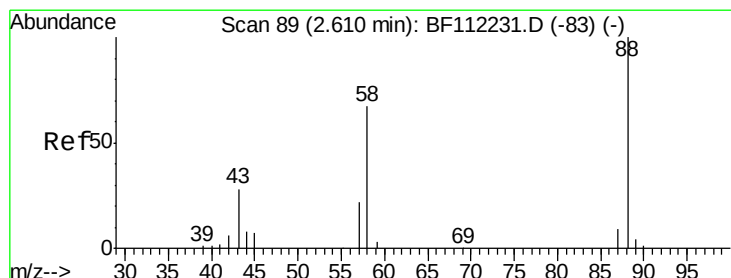
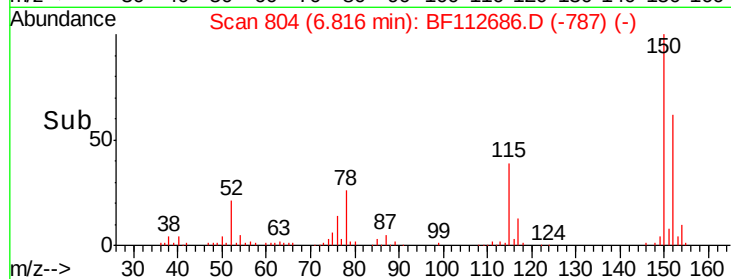
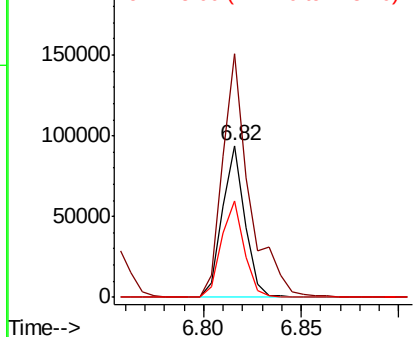
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:152 Resp: 75782
Ion Ratio Lower Upper
152 100
150 160.7 127.4 191.0
115 63.4 45.5 68.3



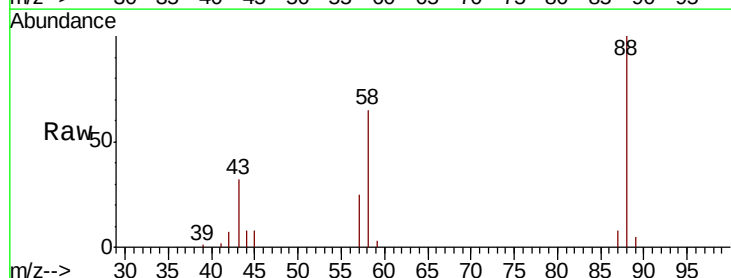
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



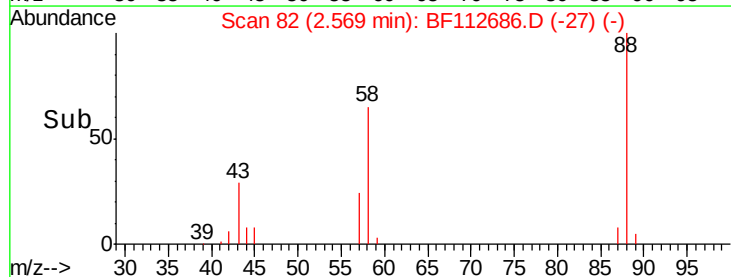
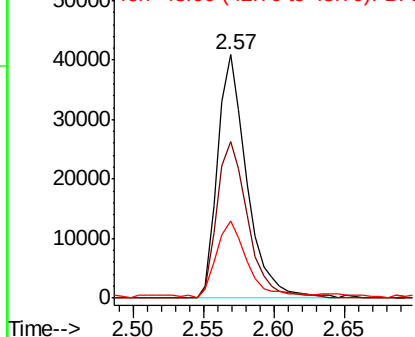
#2

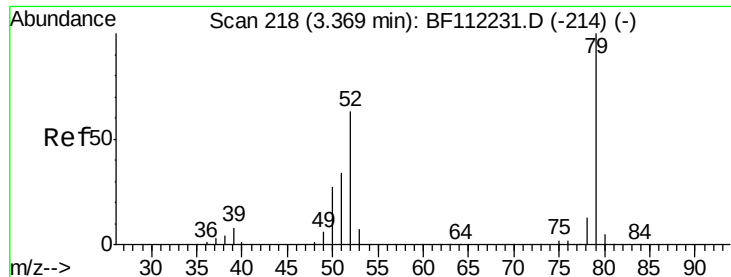
1,4-Dioxane
Concen: 41.671 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion: 88 Resp: 59225
Ion Ratio Lower Upper
88 100
58 67.7 57.4 86.2
43 32.1 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: 40.154 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.05 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

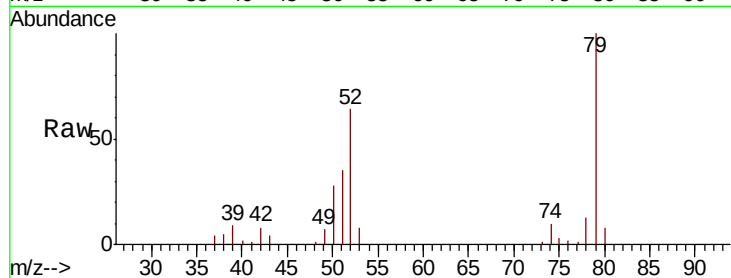
Tot Ion: 79 Resp: 145168

Ion Ratio Lower Upper

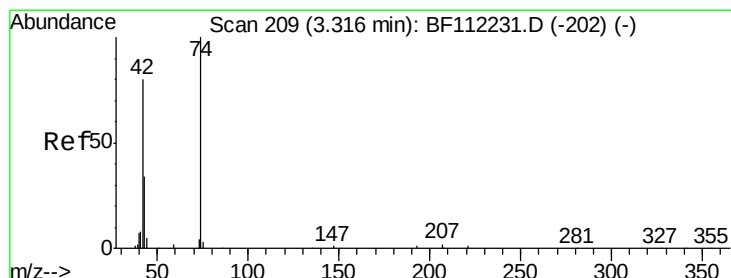
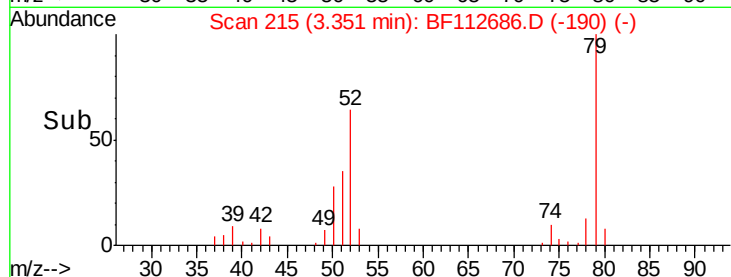
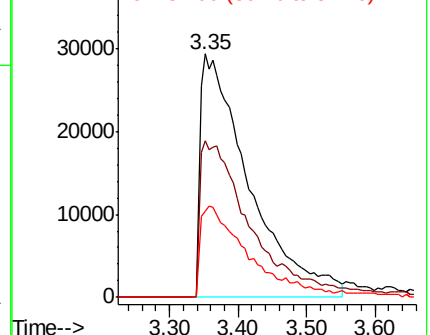
79 100

52 64.5 52.4 78.6

51 35.4 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: 57.058 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

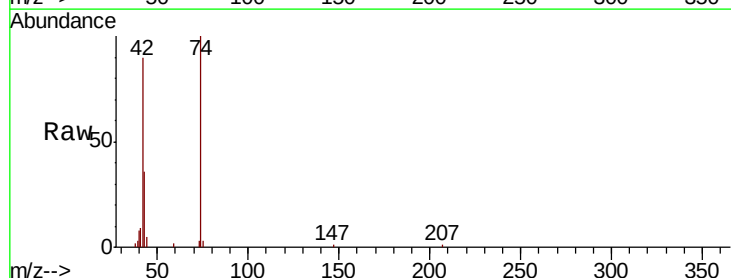
Tgt Ion: 42 Resp: 86667

Ion Ratio Lower Upper

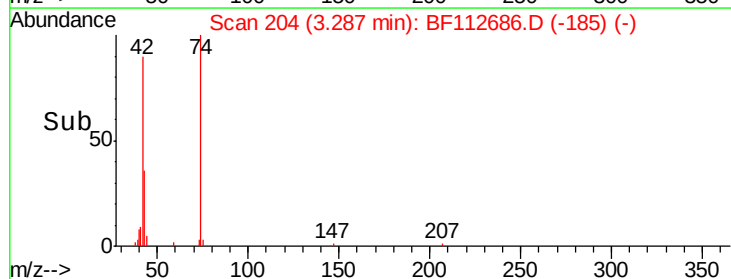
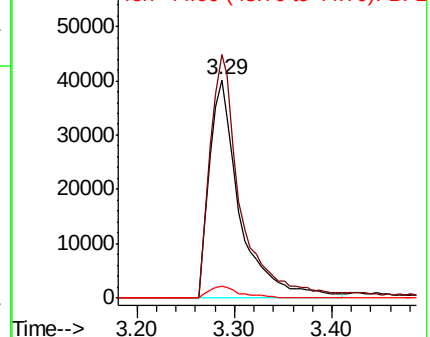
42 100

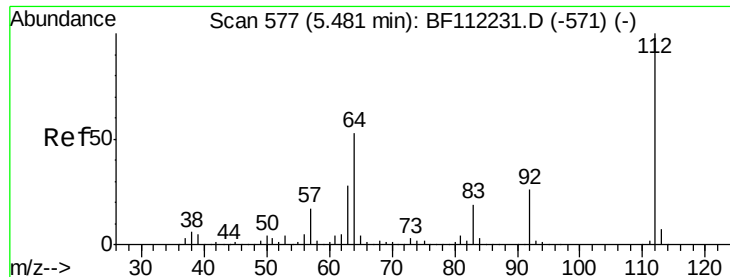
74 111.5 105.6 158.4

44 5.5 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: 167.420 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleID :

COMPMS

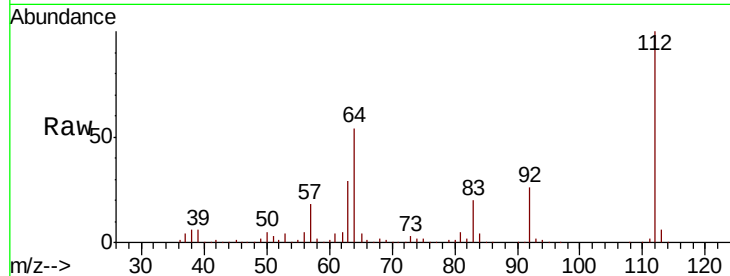
Tot Ion:112 Resp: 597319

Ion Ratio Lower Upper

112 100

64 54.1 45.7 68.5

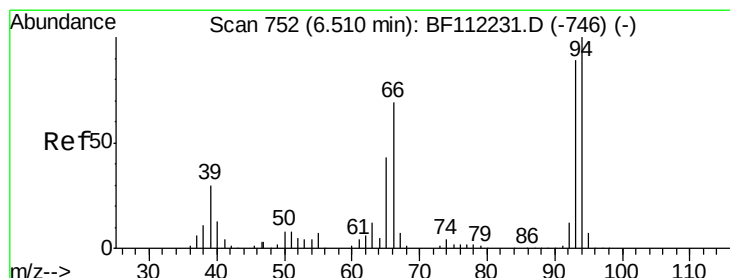
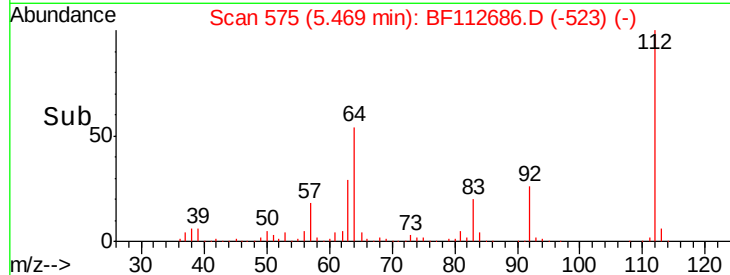
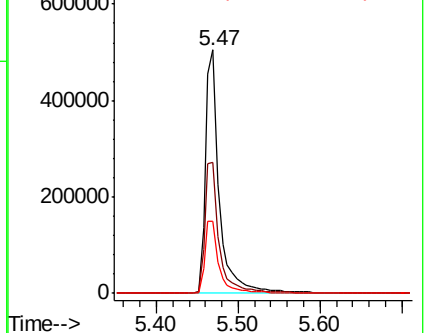
63 29.4 23.6 35.4



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: 27.704 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

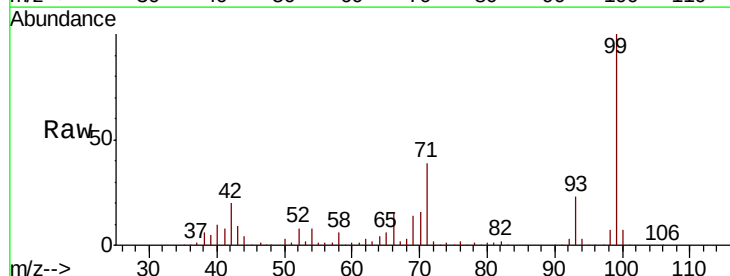
Tgt Ion: 93 Resp: 163382

Ion Ratio Lower Upper

93 100

66 64.9 43.4 65.2

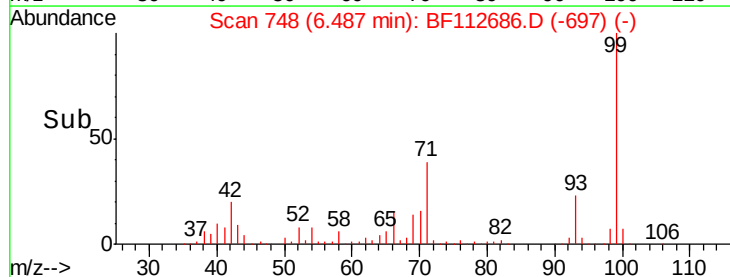
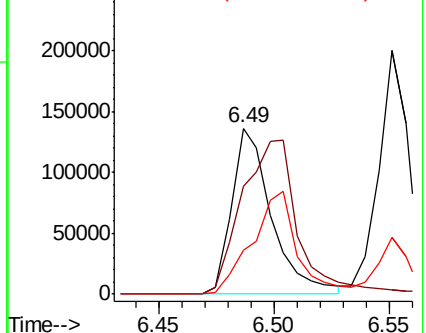
65 26.2 25.3 37.9

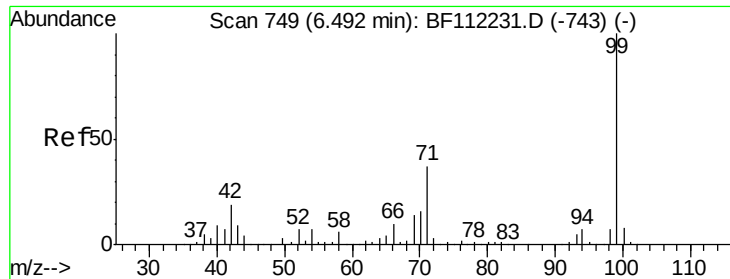


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 146.663 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

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ClientSampleId :

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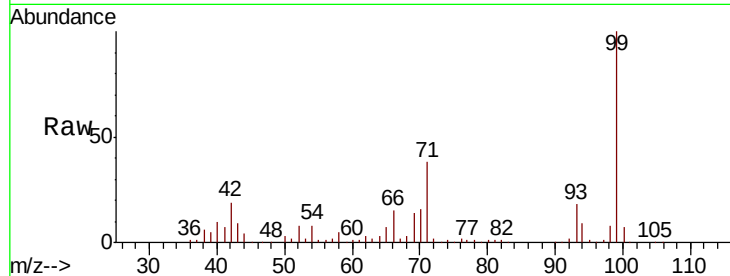
Tot Ion: 99 Resp: 727099

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

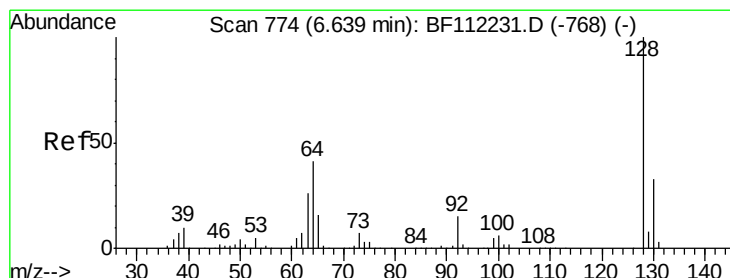
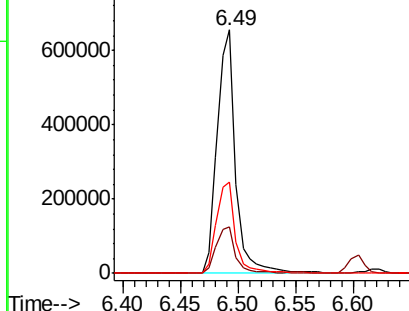
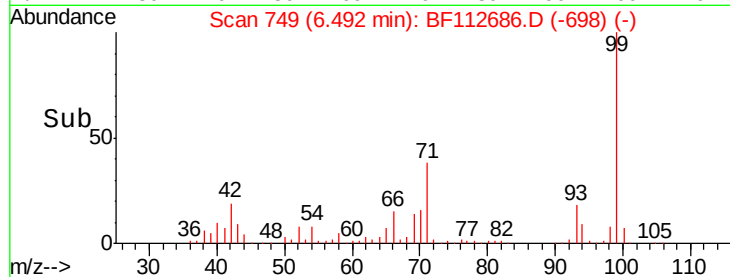
71 37.6 26.9 40.3



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: 42.781 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

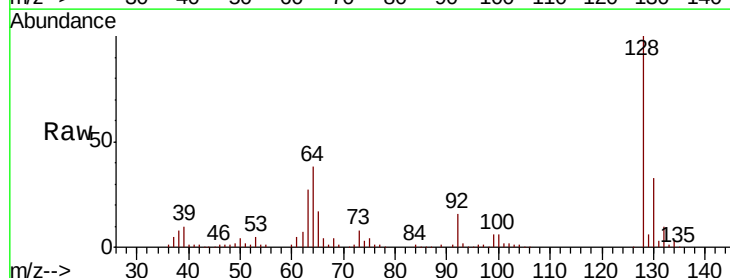
Tgt Ion: 128 Resp: 205329

Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

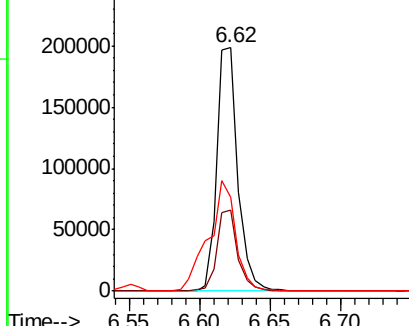
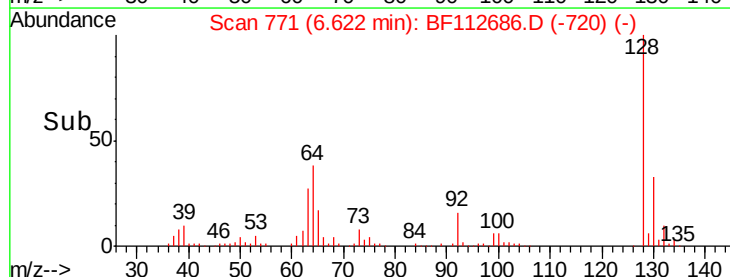
64 38.3 20.5 60.5

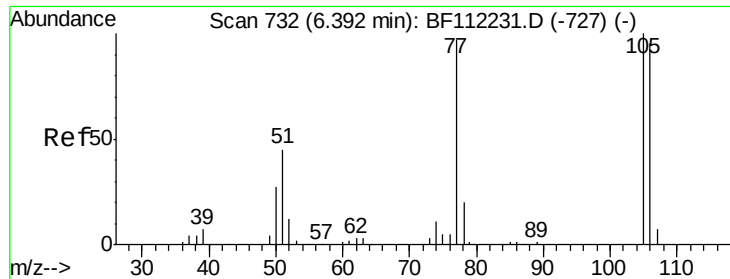


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.190 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

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COMPMS

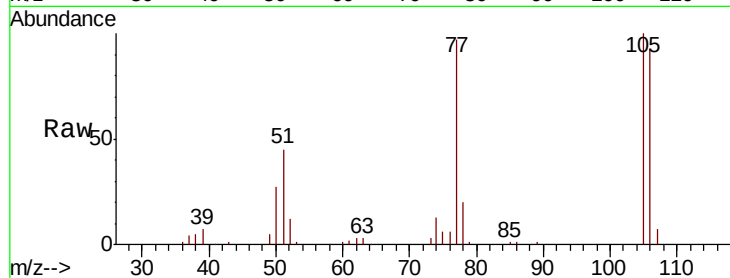
Tot Ion: 77 Resp: 83413

Ion Ratio Lower Upper

77 100

105 103.4 80.8 120.8

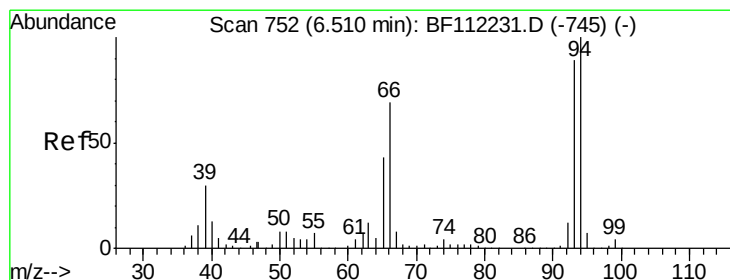
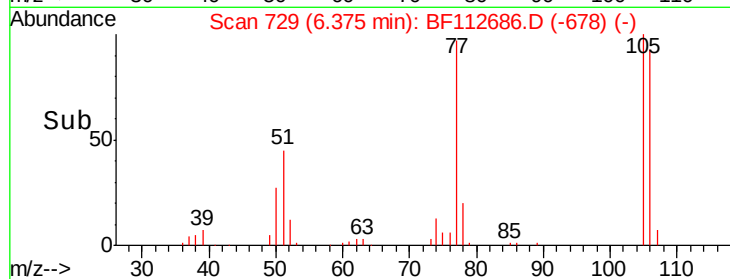
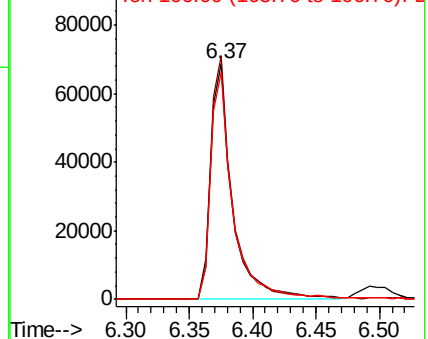
106 96.1 75.7 115.7



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: 52.967 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

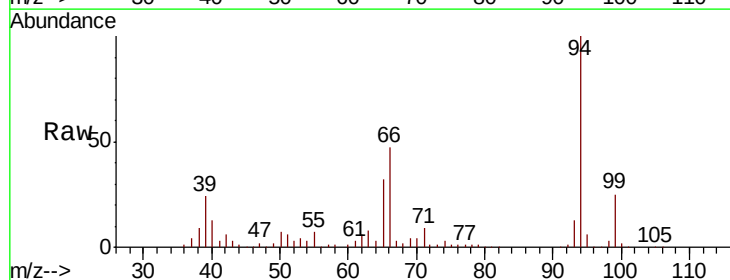
Tgt Ion: 94 Resp: 288090

Ion Ratio Lower Upper

94 100

65 31.7 20.3 60.3

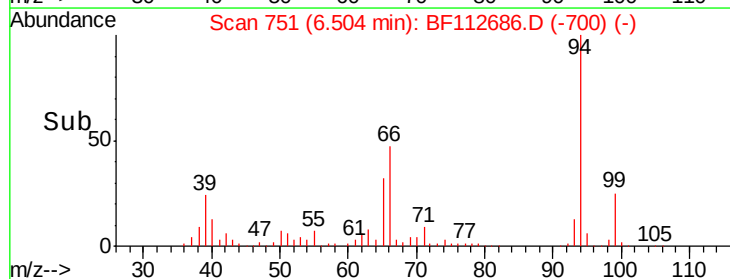
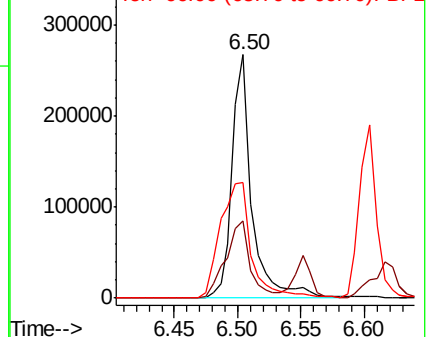
66 47.3 42.4 82.4

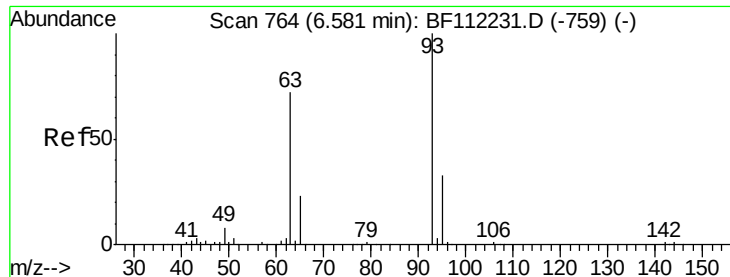


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.827 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

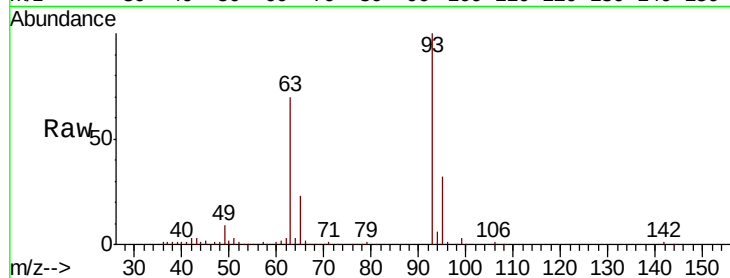
Tot Ion: 93 Resp: 183389

Ion Ratio Lower Upper

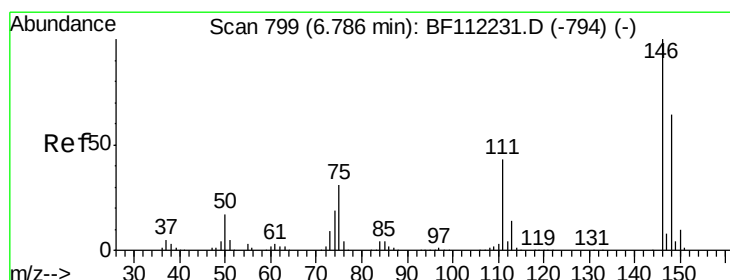
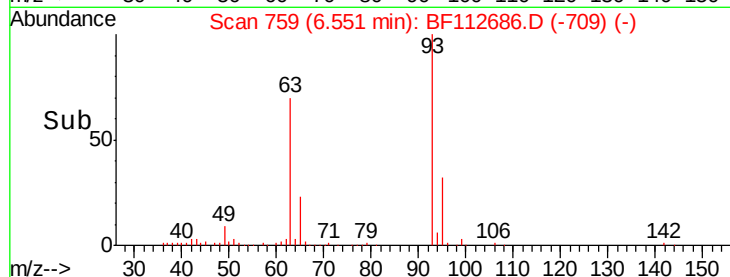
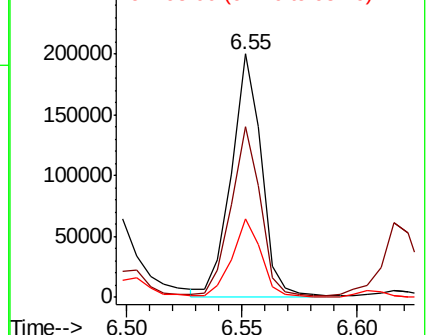
93 100

63 70.2 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: 40.101 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

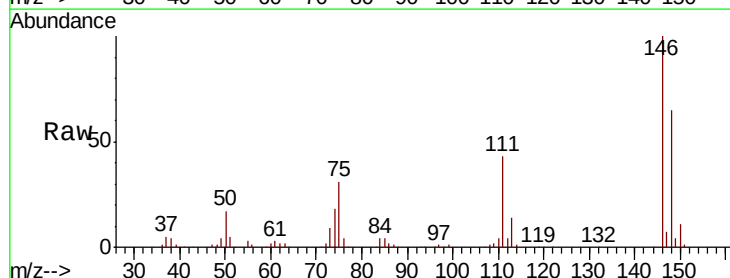
Tgt Ion: 146 Resp: 224151

Ion Ratio Lower Upper

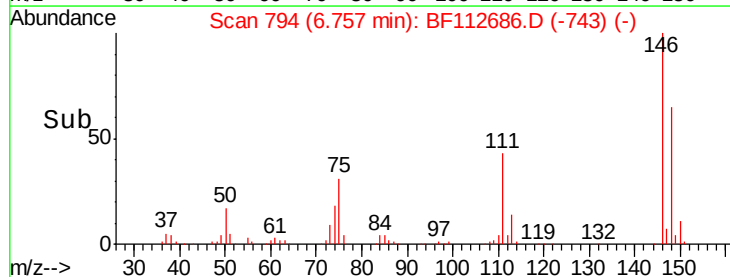
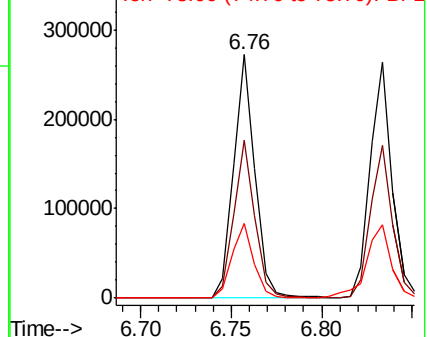
146 100

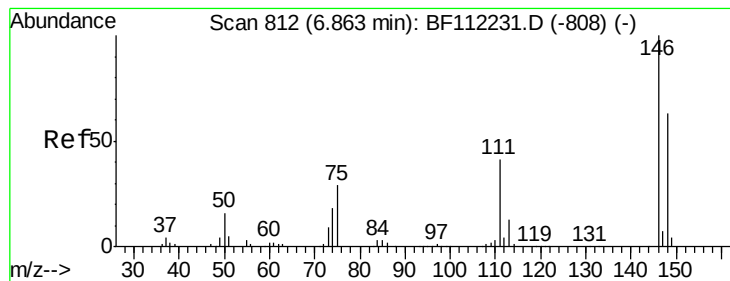
148 65.0 51.8 77.8

75 30.6 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: 39.025 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

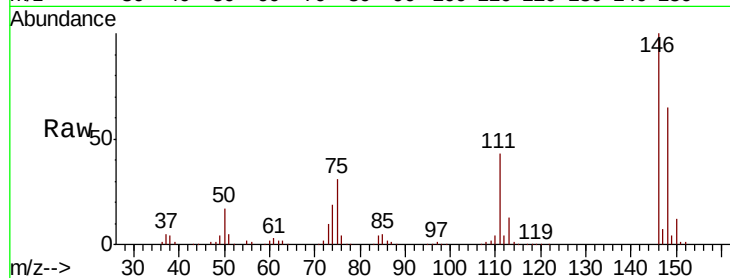
Tot Ion:146 Resp: 224494

Ion Ratio Lower Upper

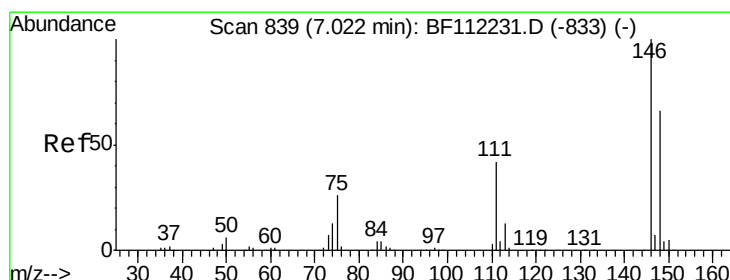
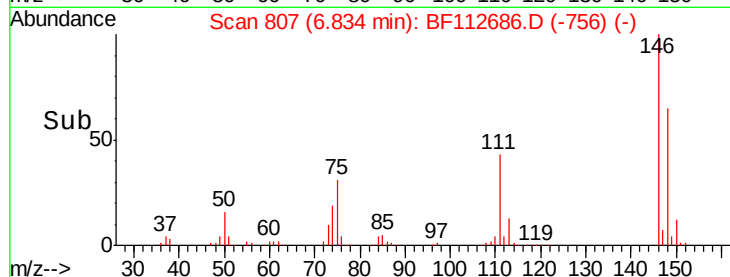
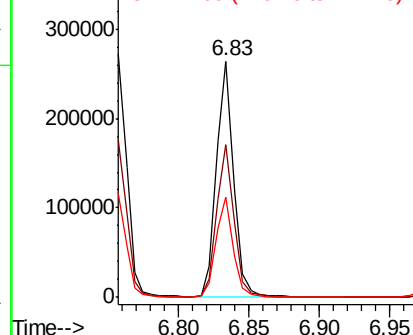
146 100

148 64.7 52.0 78.0

111 42.6 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: 39.615 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

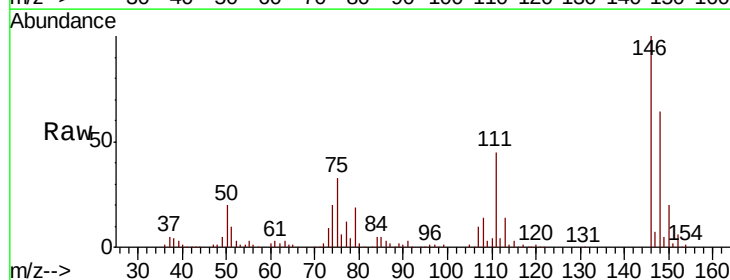
Tgt Ion:146 Resp: 213369

Ion Ratio Lower Upper

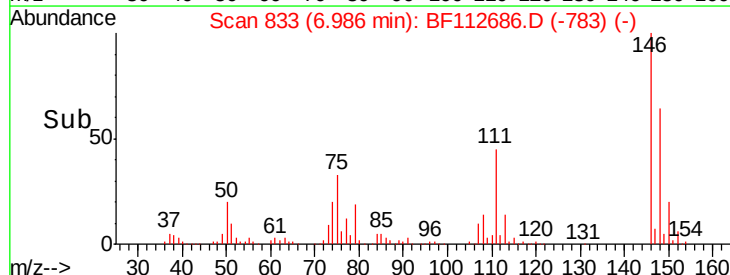
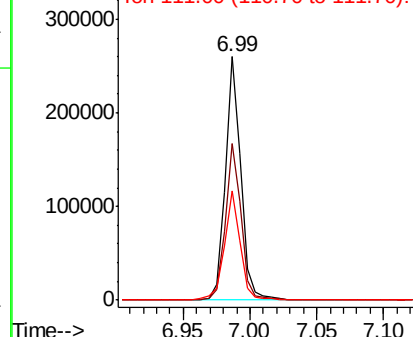
146 100

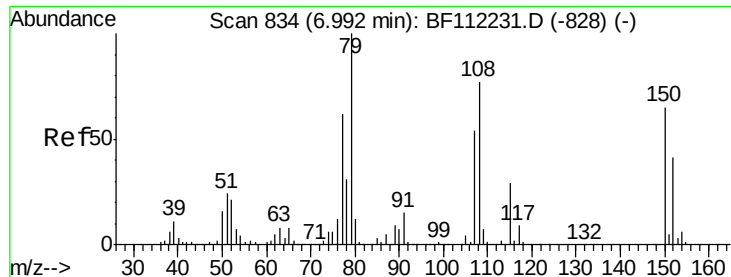
148 64.4 52.2 78.4

111 45.1 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

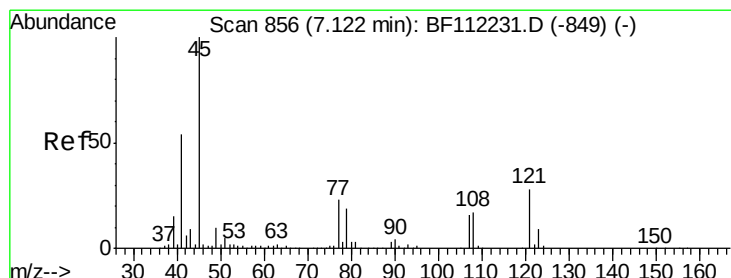
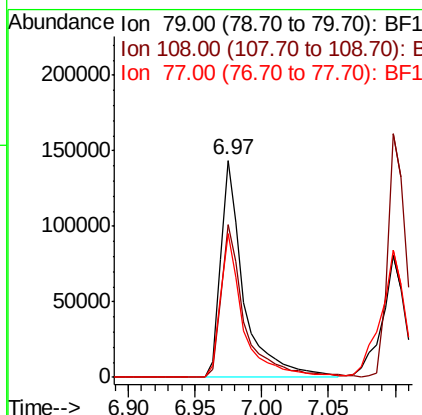
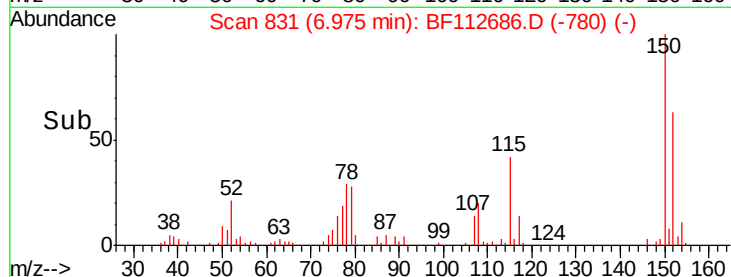
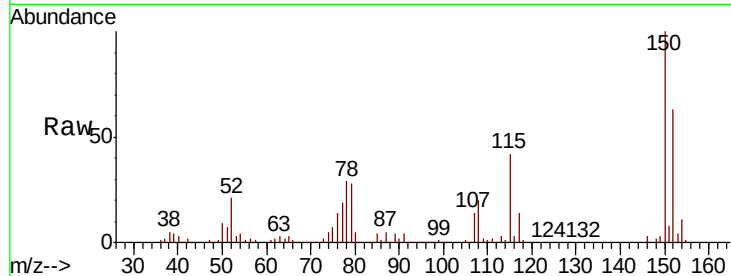




#15
Benzyl Alcohol
Concen: 42.014 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

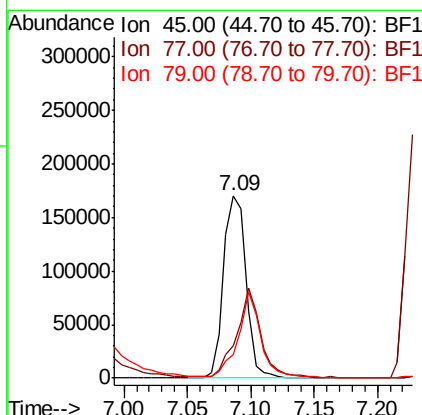
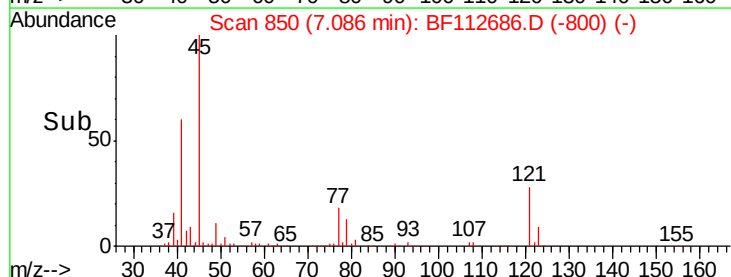
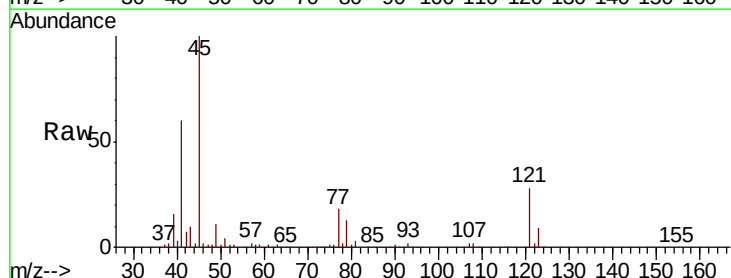
Instrument :
BNA_F
ClientSampleId :
COMPMS

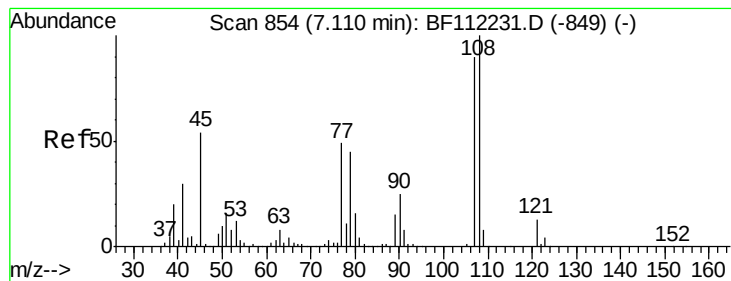
Tot Ion: 79 Resp: 175583
Ion Ratio Lower Upper
79 100
108 70.0 64.2 96.2
77 66.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.297 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion: 45 Resp: 210557
Ion Ratio Lower Upper
45 100
77 17.7 0.0 36.9
79 12.7 0.0 34.0

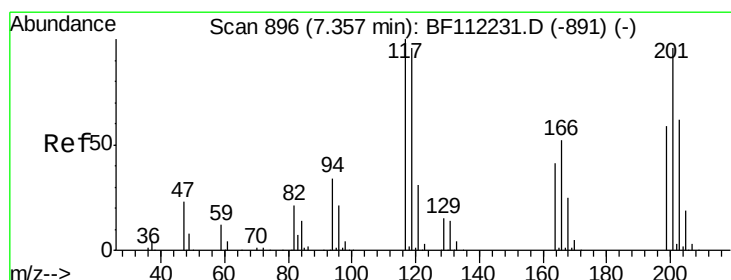
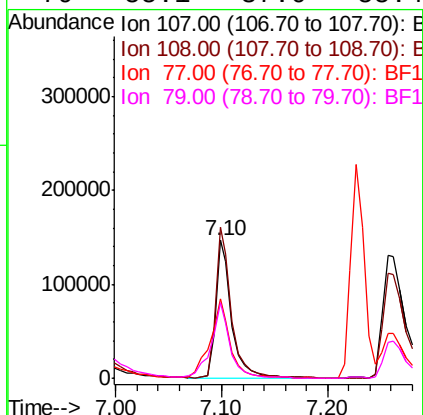
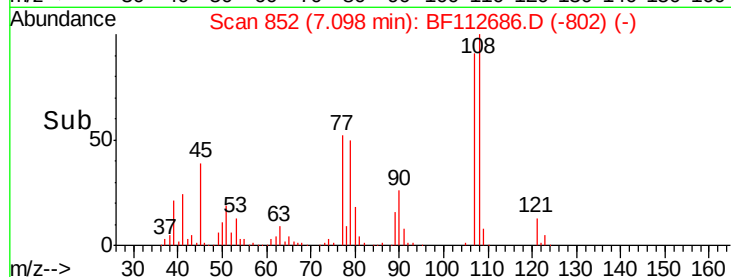
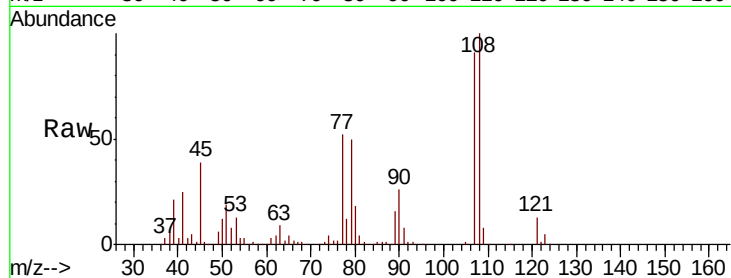




#17
2-Methylphenol
Concen: 40.669 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

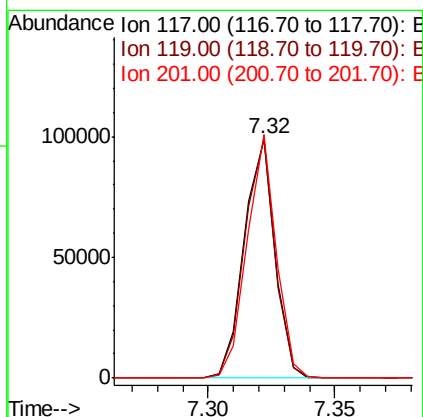
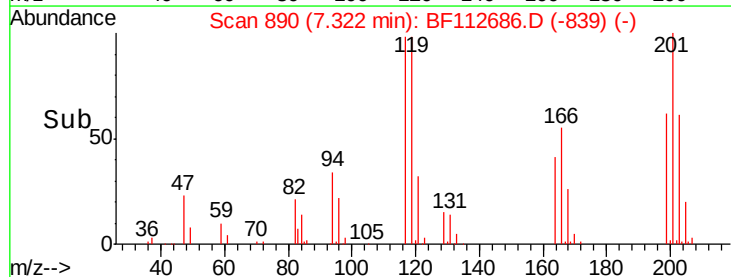
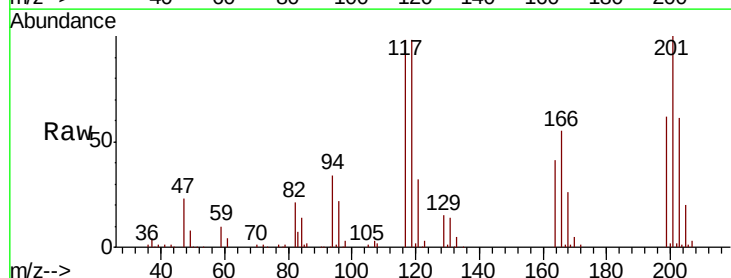
Instrument :
BNA_F
ClientSampleId :
COMPMS

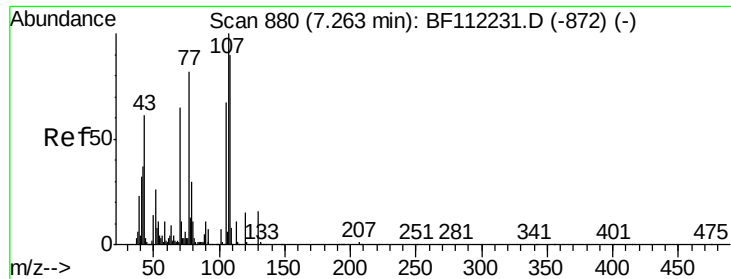
Tot Ion:107 Resp: 154736
Ion Ratio Lower Upper
107 100
108 109.7 91.3 136.9
77 57.5 39.0 58.6
79 55.1 37.0 55.4



#18
Hexachloroethane
Concen: 41.392 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:117 Resp: 83614
Ion Ratio Lower Upper
117 100
119 100.1 77.0 115.4
201 101.8 74.1 111.1

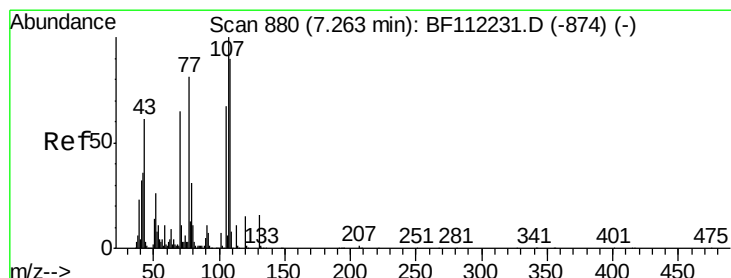
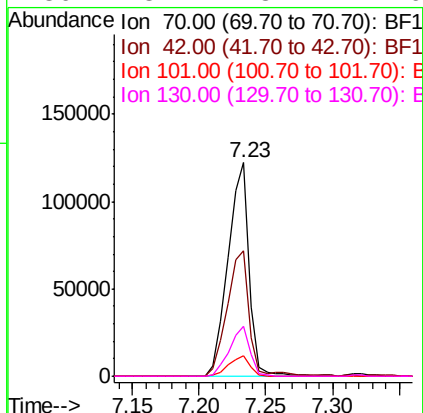
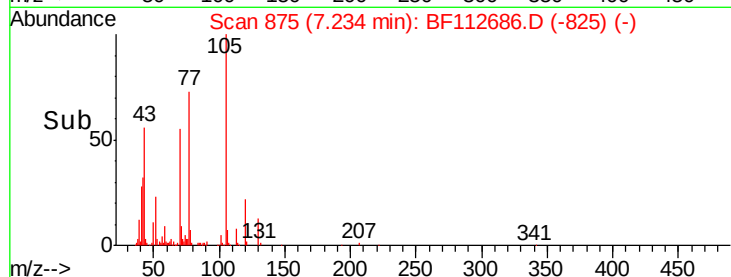
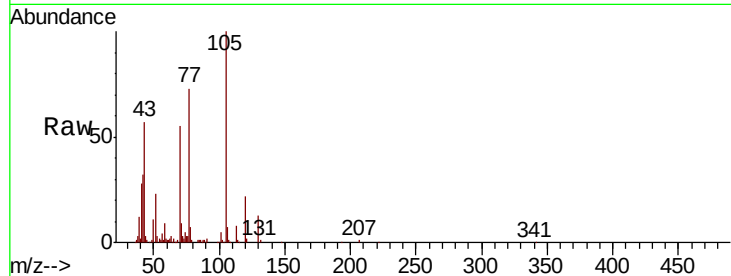




#19
n-Nitroso-di-n-propylamine
Concen: 40.113 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

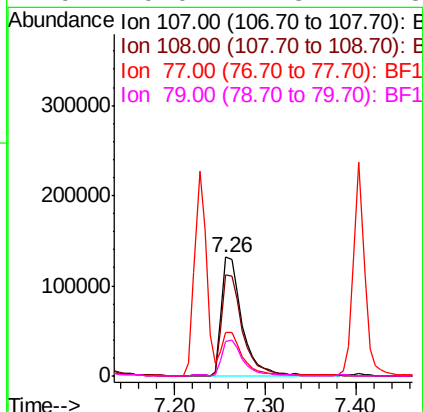
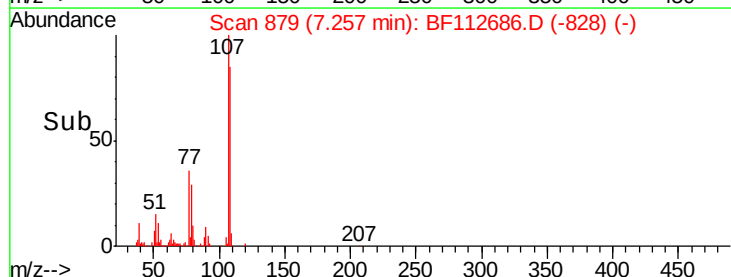
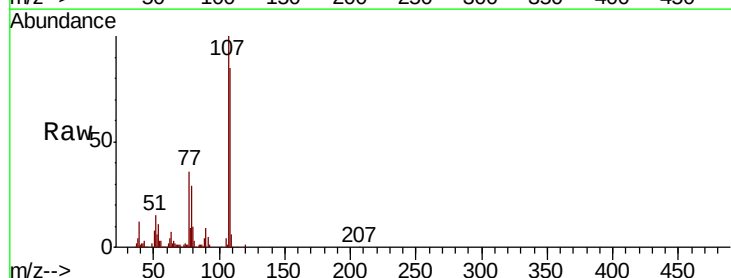
Instrument :
BNA_F
ClientSampleId :
COMPMS

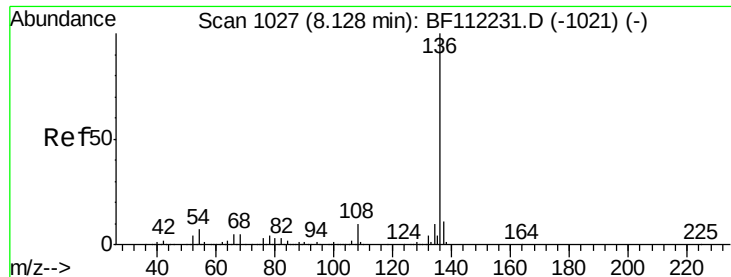
Tot Ion:	70	Resp:	137127
Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.6	71.4
101	9.9	7.9	11.9
130	23.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 41.915 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:	107	Resp:	203931
Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.2	108.2
77	36.4	100.7	140.7#
79	29.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

Tot Ion:136 Resp: 278771

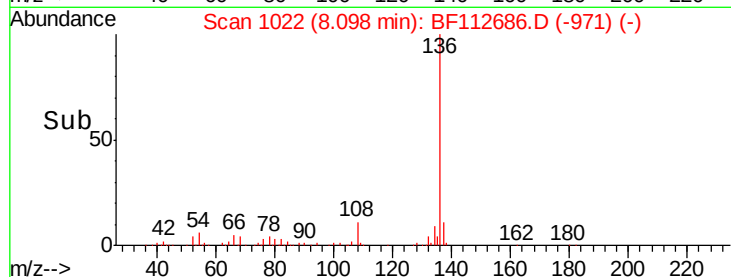
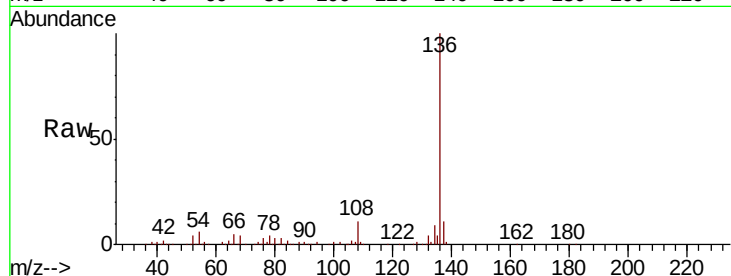
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 5.8 5.9 8.9#

68 4.1 5.1 7.7#

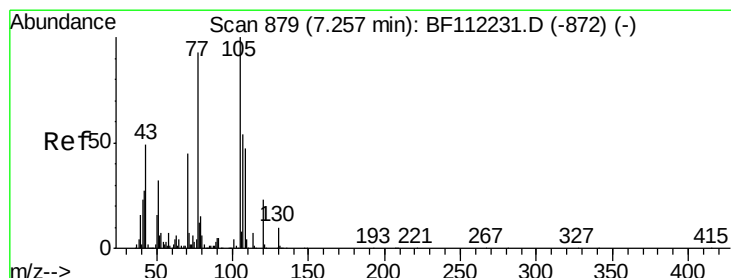
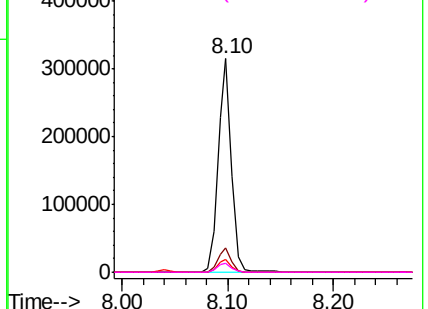


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.526 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:105 Resp: 281882

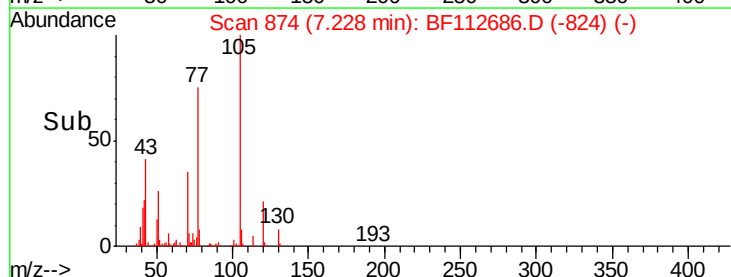
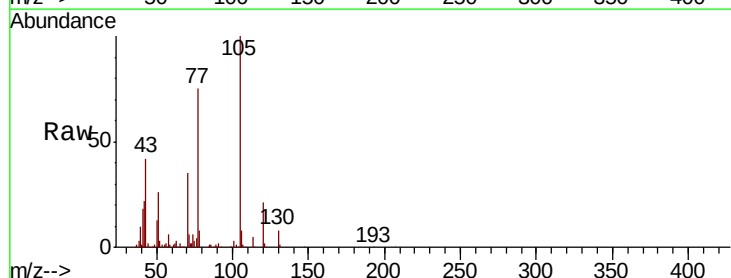
Ion Ratio Lower Upper

105 100

71 6.0 4.6 6.8

51 26.1 25.0 37.6

120 21.3 19.0 28.4

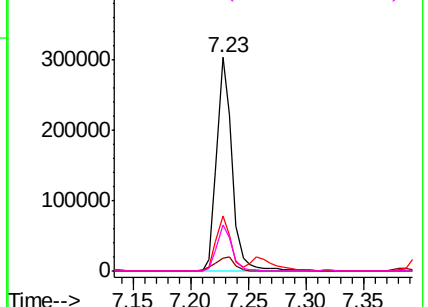


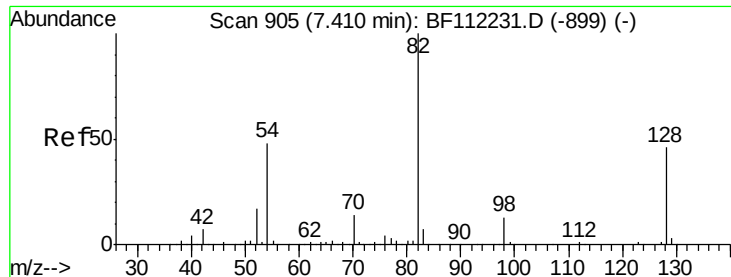
Abundance Ion 105.00 (104.70 to 105.70): E

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

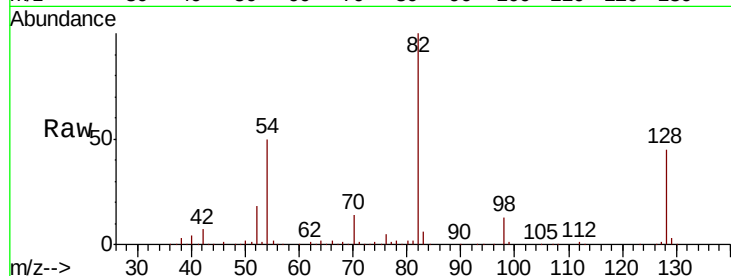




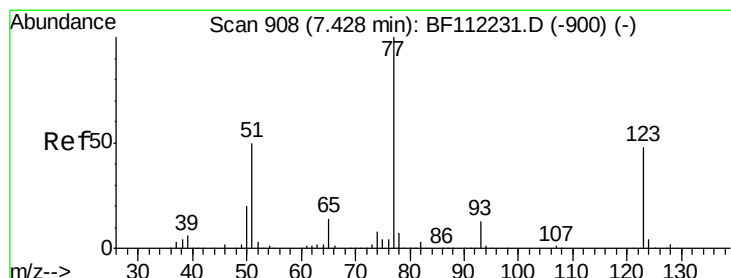
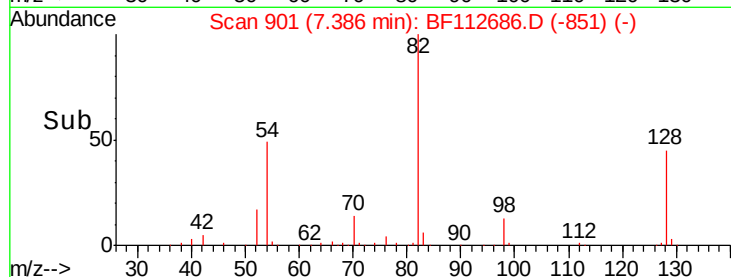
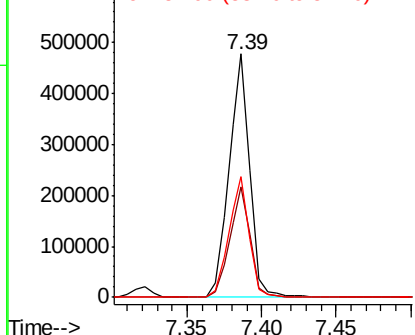
#23
Nitrobenzene-d5
Concen: 96.623 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion: 82 Resp: 467475
Ion Ratio Lower Upper
82 100
128 45.2 37.8 56.8
54 49.6 39.7 59.5

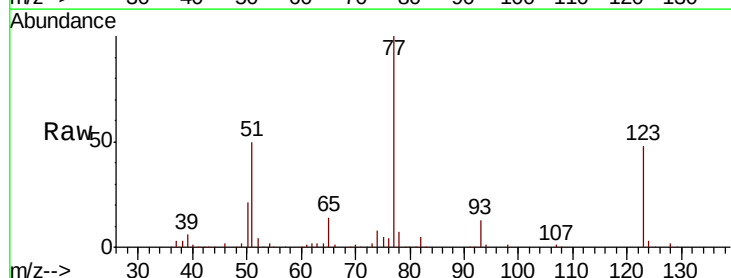


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

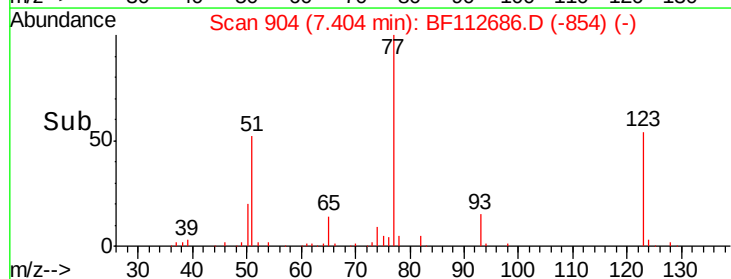
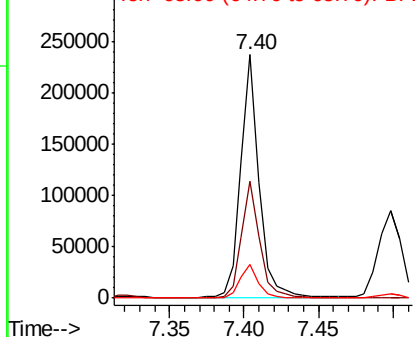


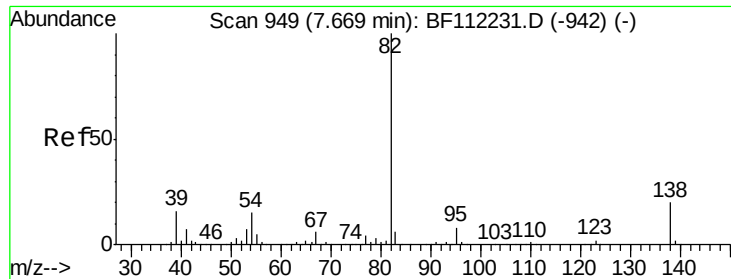
#24
Nitrobenzene
Concen: 42.174 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion: 77 Resp: 203780
Ion Ratio Lower Upper
77 100
123 47.9 38.4 57.6
65 13.8 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: 45.812 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

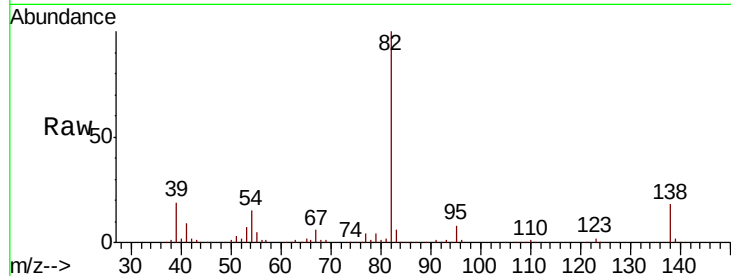
Tot Ion: 82 Resp: 347712

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

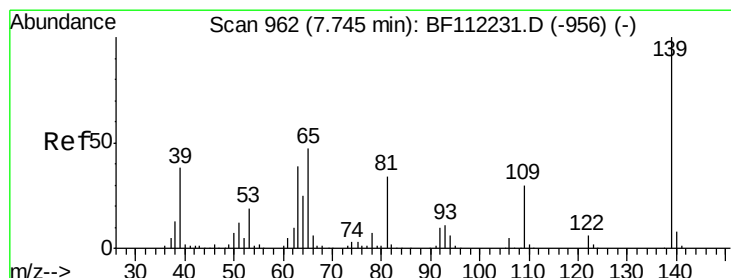
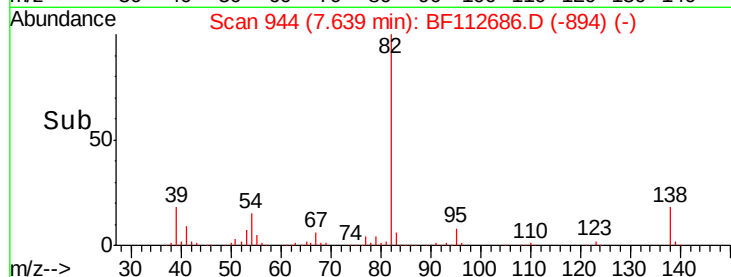
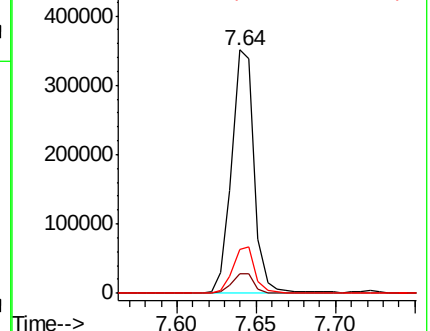
138 18.1 15.4 23.0



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: 41.166 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

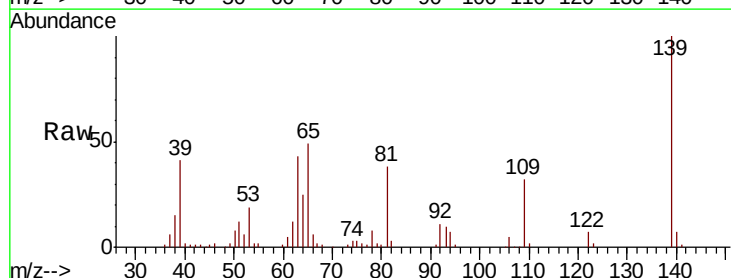
Tgt Ion: 139 Resp: 106300

Ion Ratio Lower Upper

139 100

109 32.1 20.8 31.2#

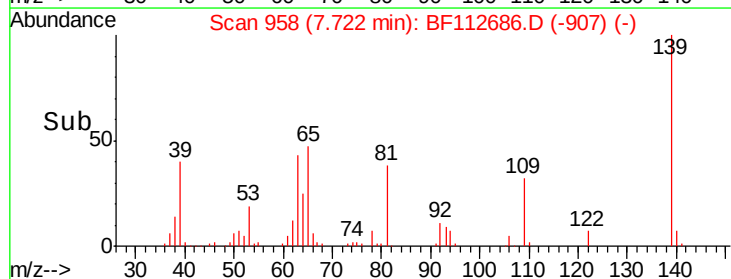
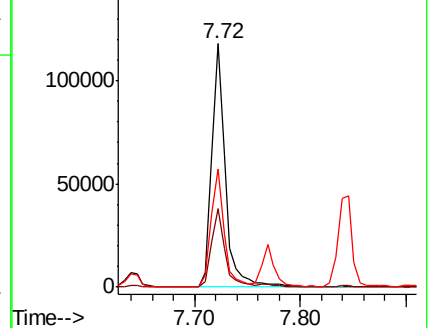
65 48.5 34.4 51.6

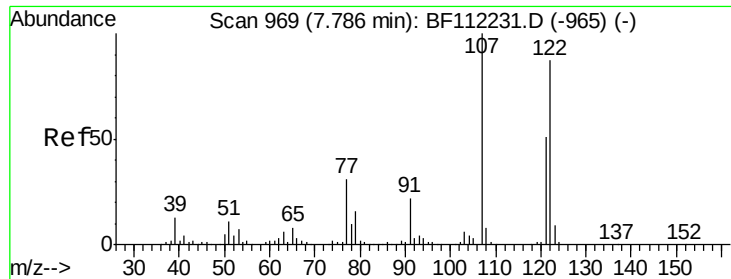


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

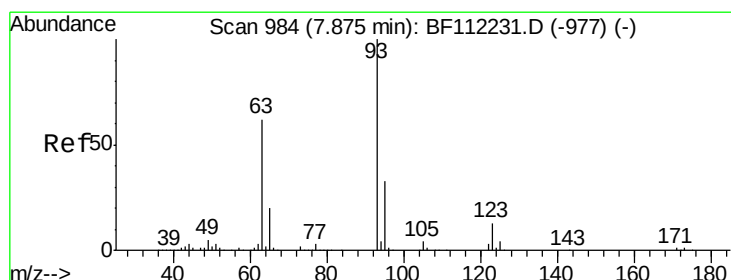
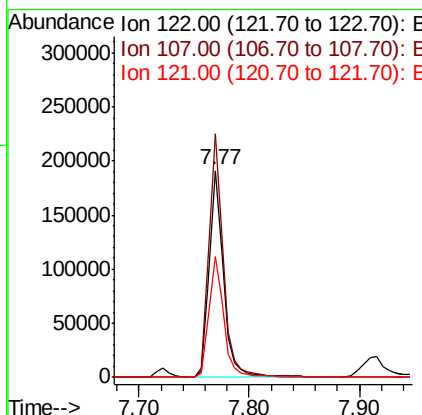
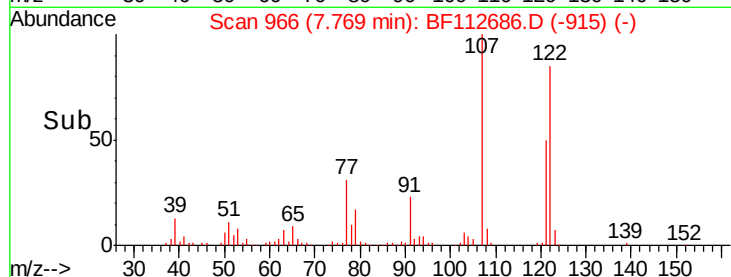
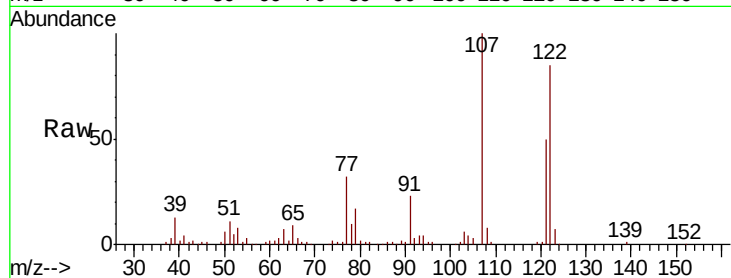




#27
2,4-Dimethylphenol
Concen: 47.196 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

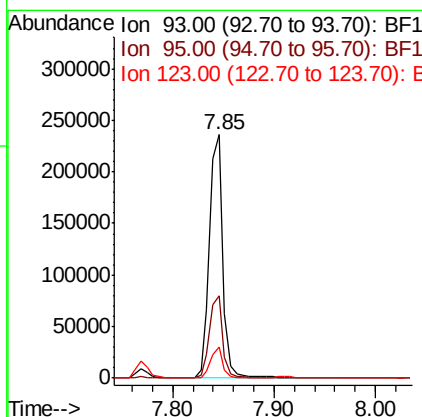
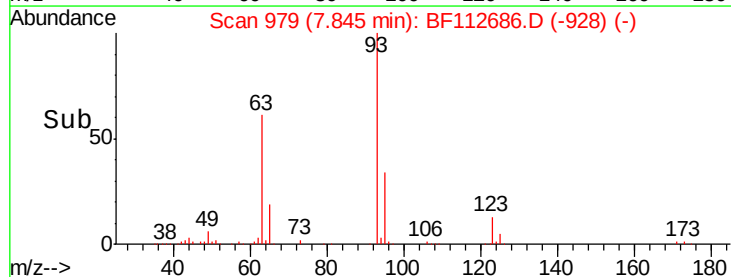
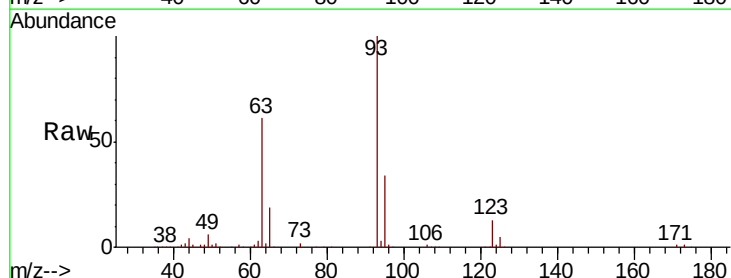
Instrument :
BNA_F
ClientSampleId :
COMPMS

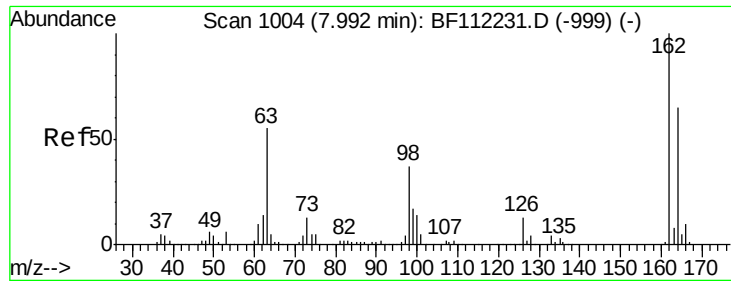
Tot Ion:122 Resp: 167908
Ion Ratio Lower Upper
122 100
107 117.7 85.4 128.0
121 58.6 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.134 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion: 93 Resp: 217751
Ion Ratio Lower Upper
93 100
95 33.8 26.8 40.2
123 12.5 10.2 15.2

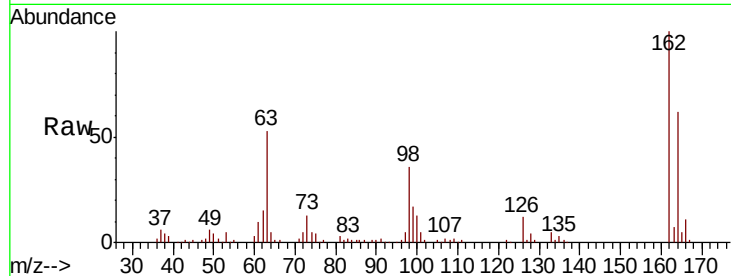




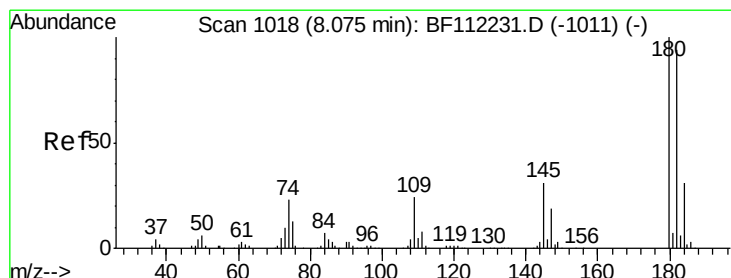
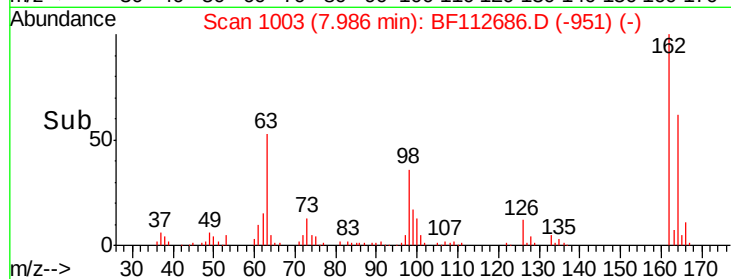
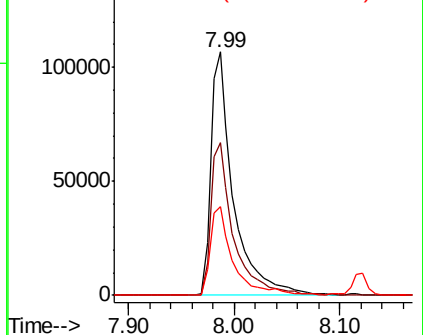
#29
 2,4-Dichlorophenol
 Concen: 39.935 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampleID :
 COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	36.5	14.6	54.6

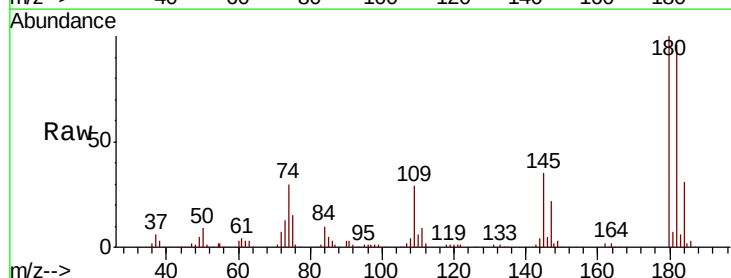


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

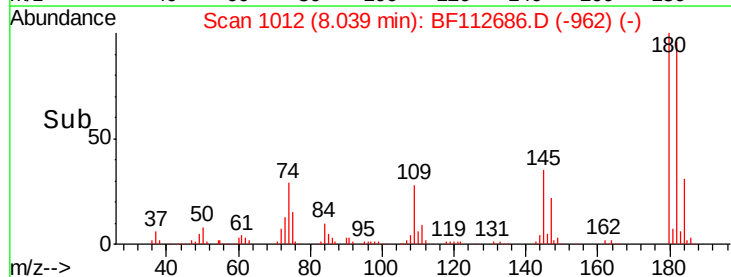
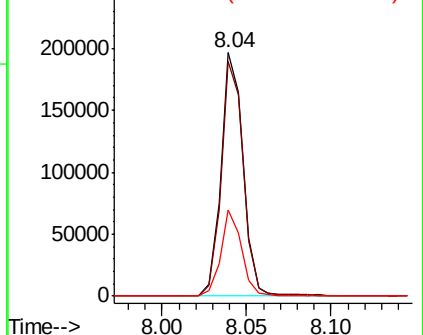


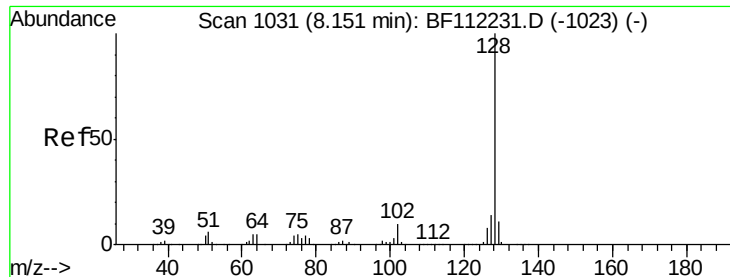
#30
 1,2,4-Trichlorobenzene
 Concen: 39.226 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	35.2	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

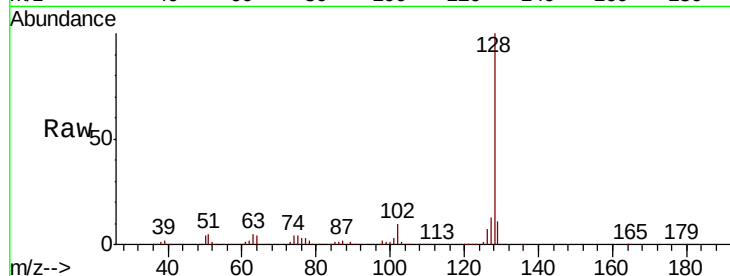




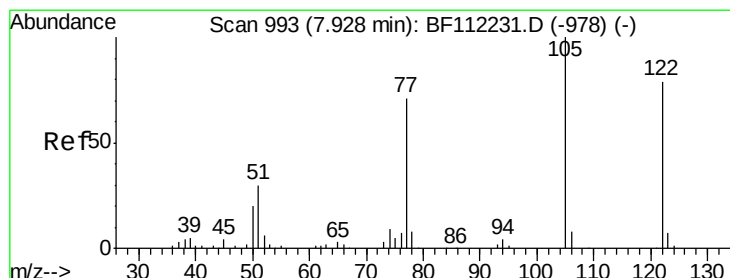
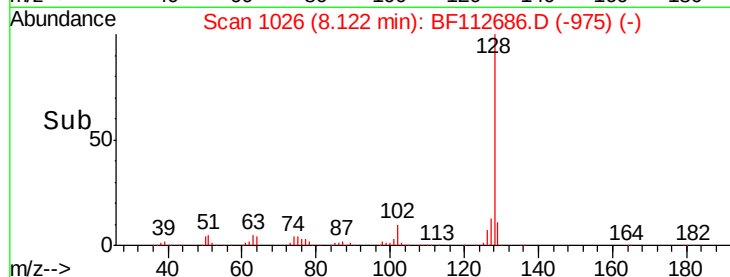
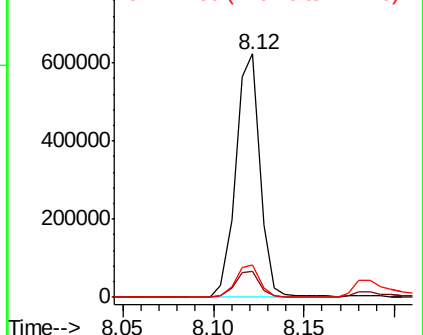
#31
Naphthalene
Concen: 44.831 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:128 Resp: 584448
Ion Ratio Lower Upper
128 100
129 10.8 9.6 14.4
127 13.5 11.1 16.7

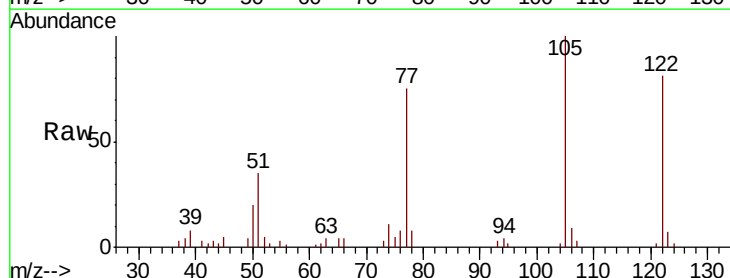


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

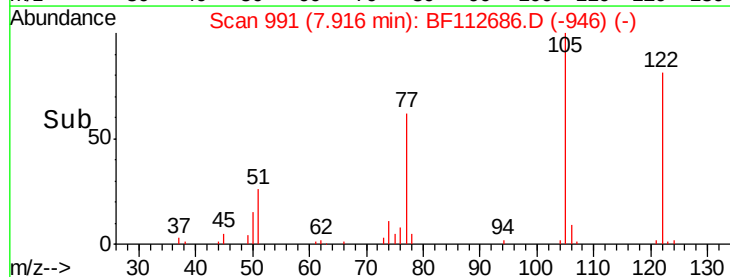
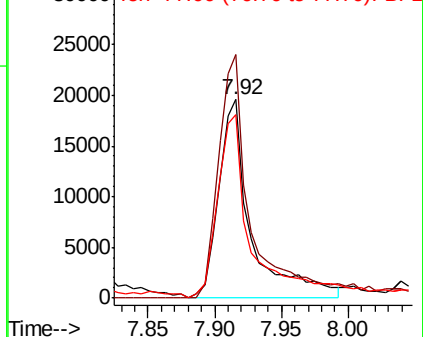


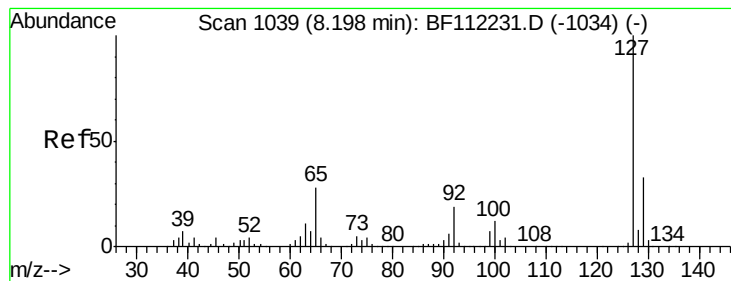
#32
Benzoic acid
Concen: 16.431 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:122 Resp: 33344
Ion Ratio Lower Upper
122 100
105 122.8 101.2 141.2
77 92.2 70.4 110.4



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





#33

4-Chloroaniline

Concen: 12.510 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

Tot Ion:127 Resp: 71012

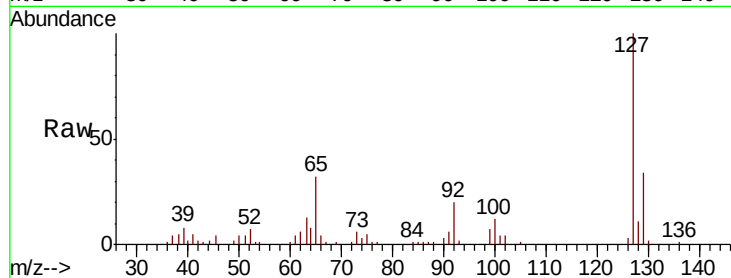
Ion Ratio Lower Upper

127 100

129 33.9 26.6 39.8

65 32.4 21.4 32.2#

92 20.4 14.2 21.2

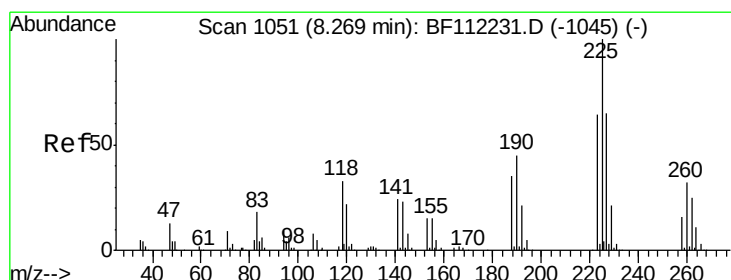
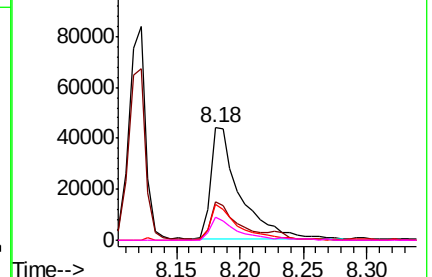
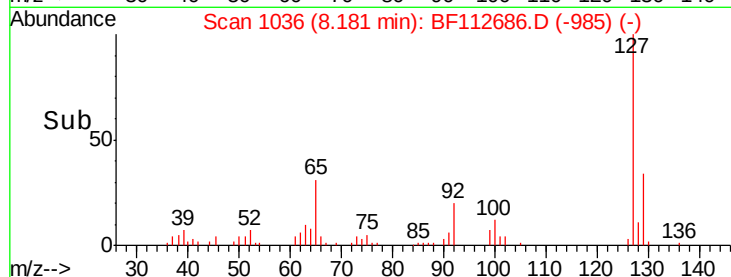


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.638 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

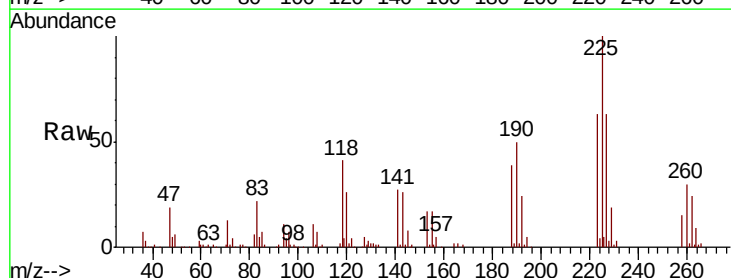
Tgt Ion:225 Resp: 106448

Ion Ratio Lower Upper

225 100

223 63.5 50.3 75.5

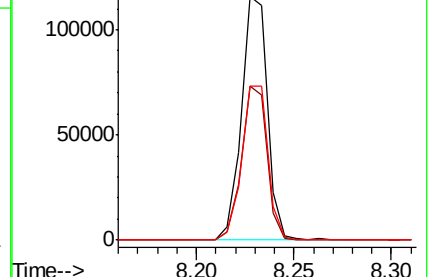
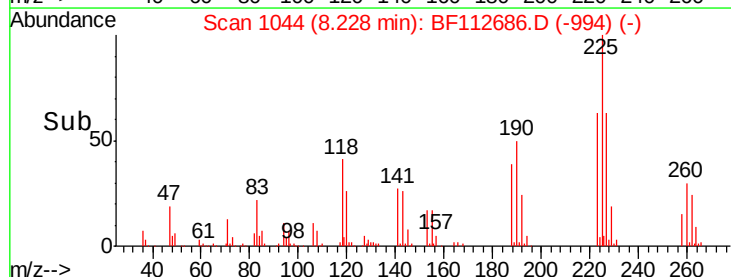
227 63.2 51.8 77.8

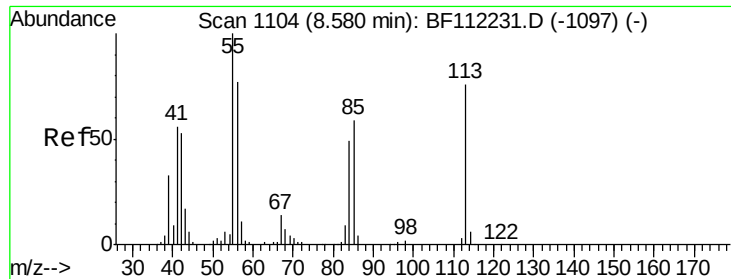


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.069 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

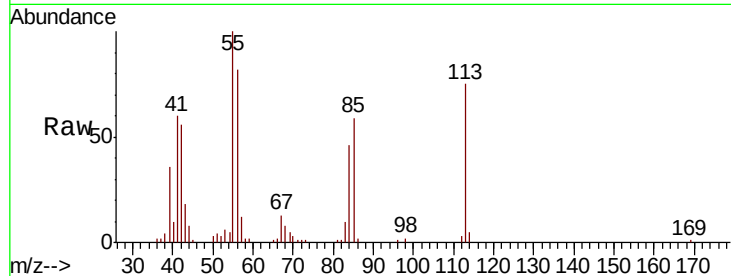
Tot Ion:113 Resp: 39423

Ion Ratio Lower Upper

113 100

55 133.9 121.6 161.6

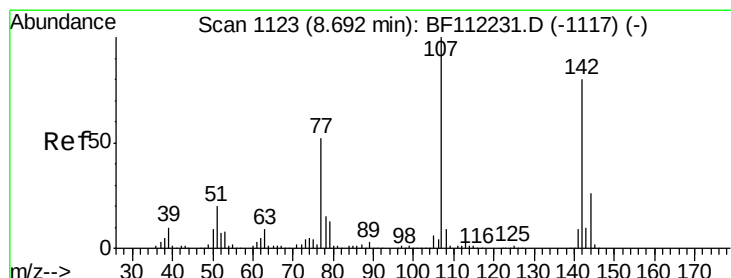
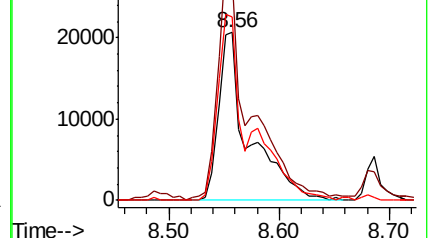
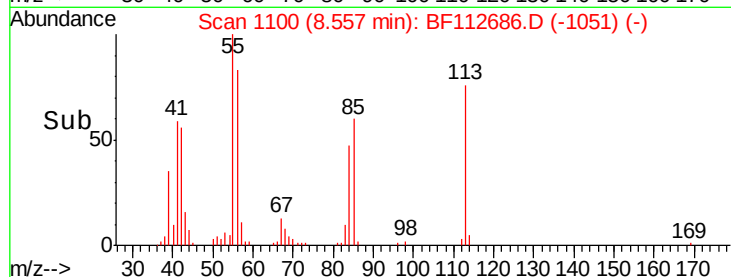
56 109.4 86.7 126.7



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: 37.511 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

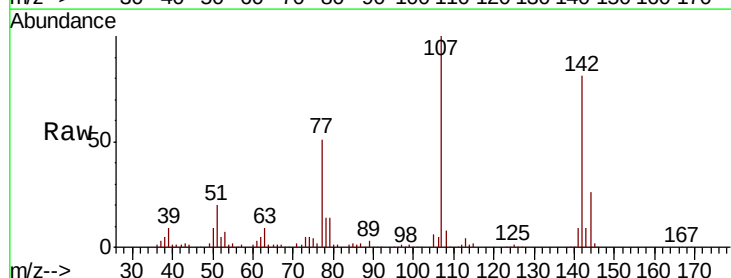
Tgt Ion:107 Resp: 158097

Ion Ratio Lower Upper

107 100

144 25.7 22.2 33.2

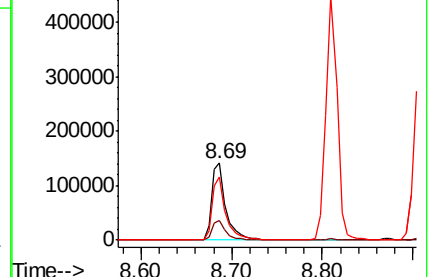
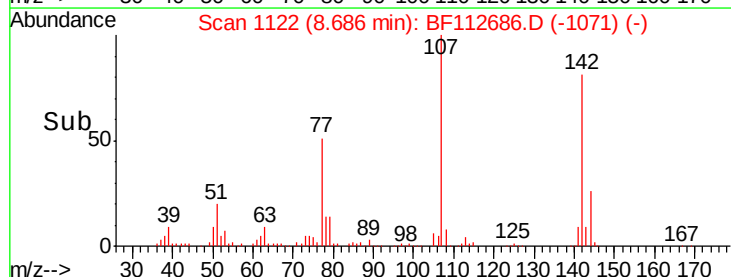
142 81.5 67.7 101.5

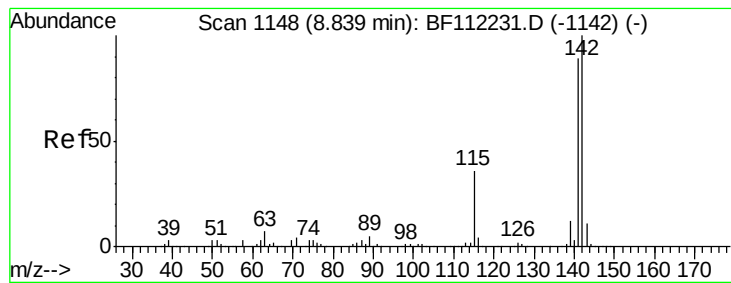


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.063 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

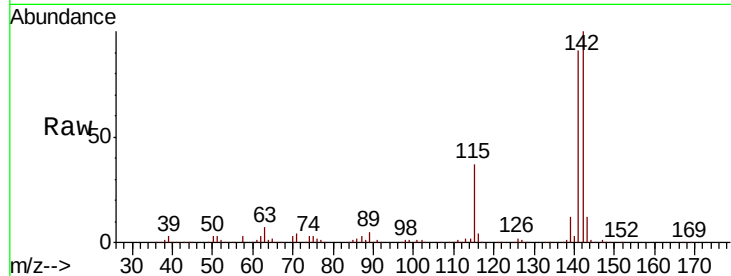
Tot Ion:142 Resp: 384321

Ion Ratio Lower Upper

142 100

141 90.6 70.9 106.3

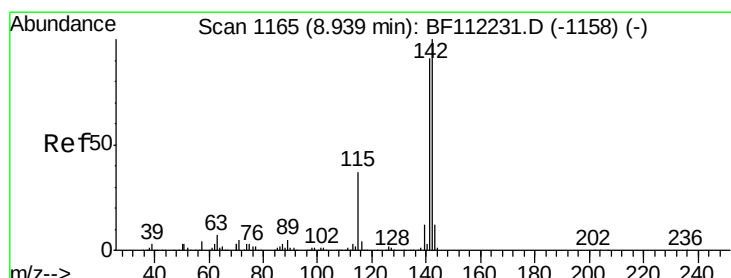
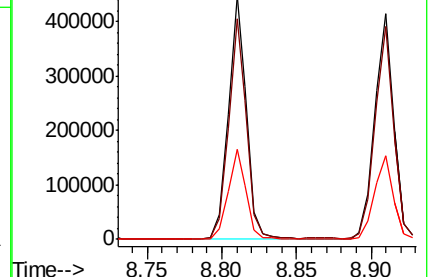
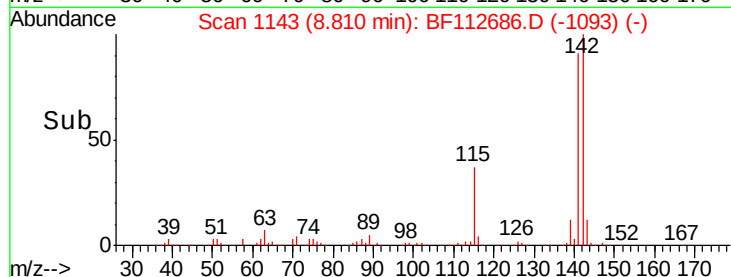
115 36.9 24.9 37.3



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: 42.190 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

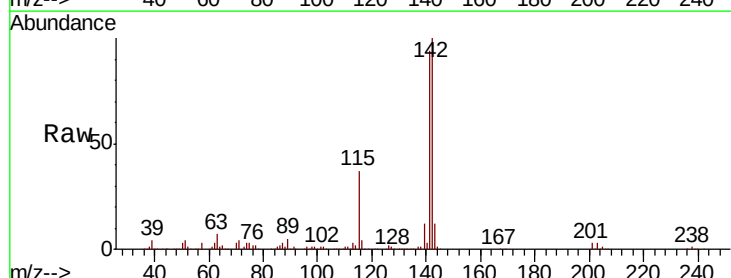
Tgt Ion:142 Resp: 360893

Ion Ratio Lower Upper

142 100

141 94.4 72.6 108.8

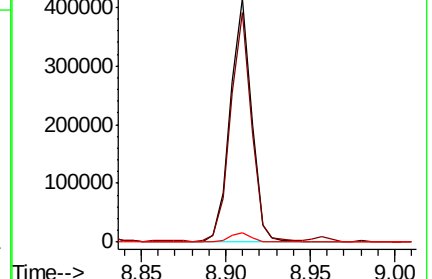
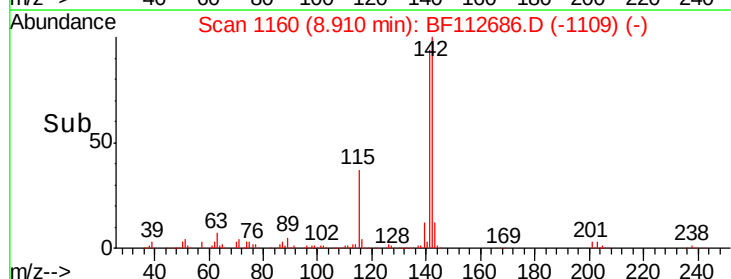
116 4.0 2.8 4.2

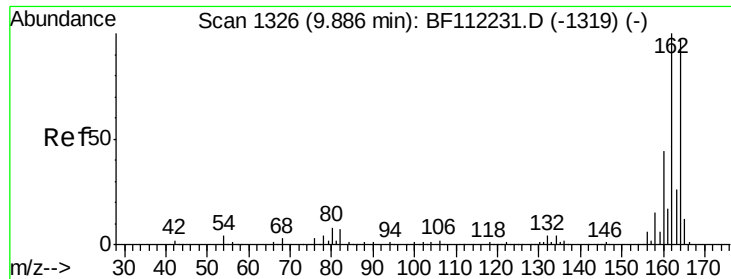


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

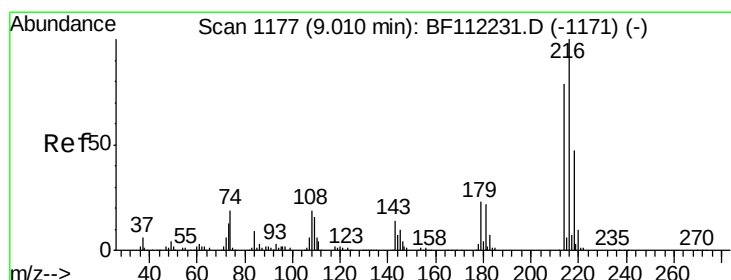
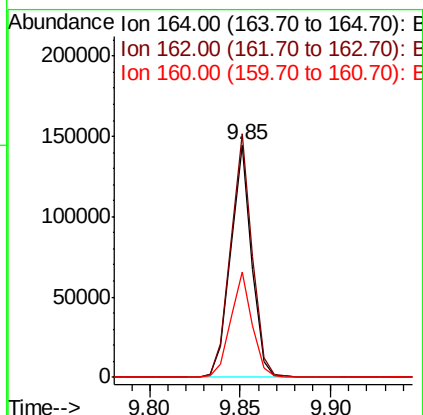
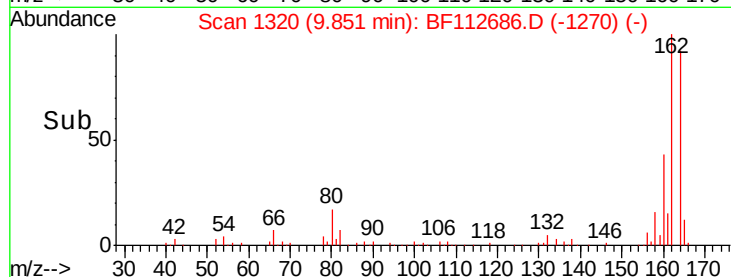
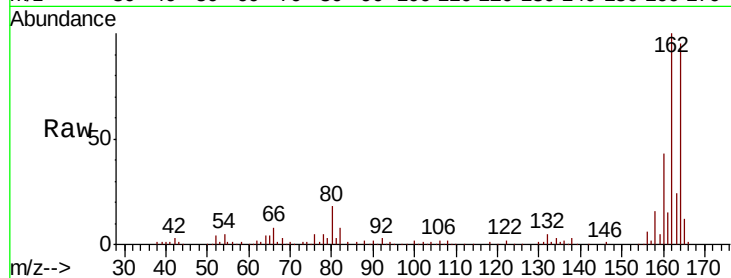
Tot Ion:164 Resp: 117336

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.4

160 45.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.465 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:216 Resp: 167453

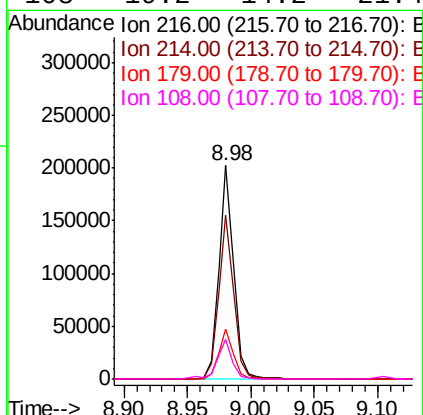
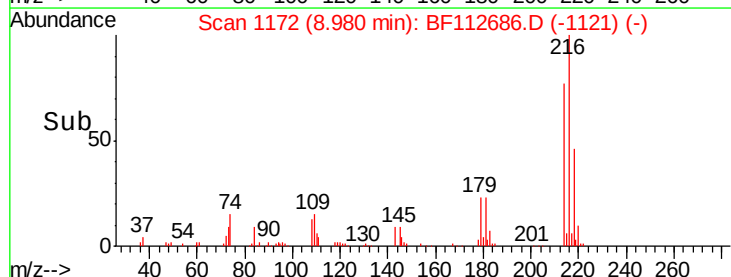
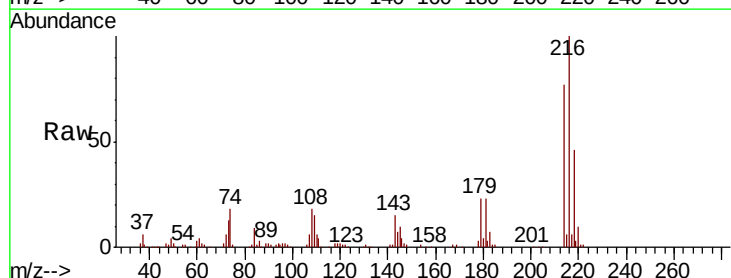
Ion Ratio Lower Upper

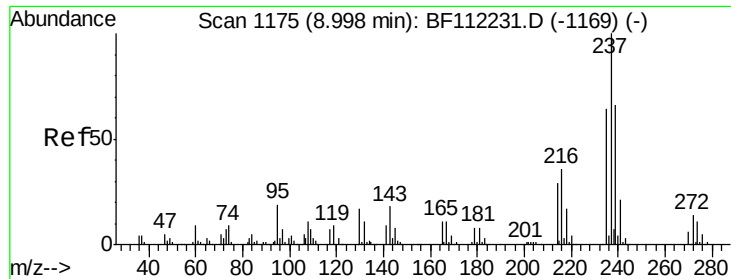
216 100

214 77.7 63.8 95.6

179 23.0 16.9 25.3

108 19.2 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 39.588 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

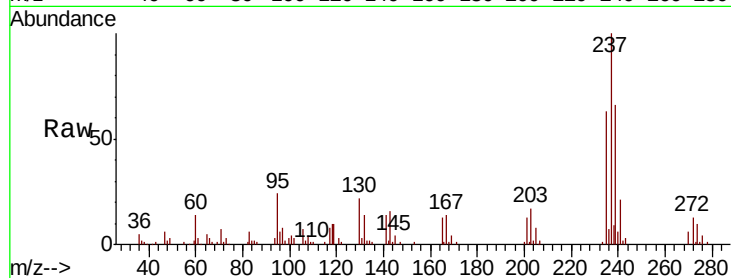
Tot Ion:237 Resp: 49847

Ion Ratio Lower Upper

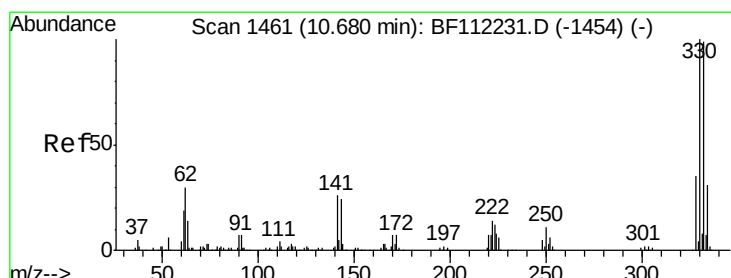
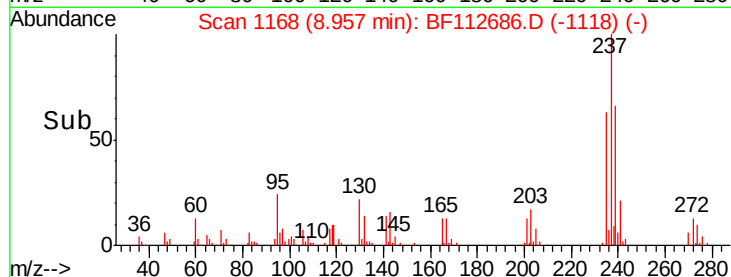
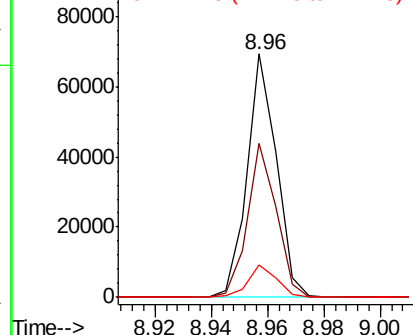
237 100

235 63.5 44.0 84.0

272 13.3 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: 121.909 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

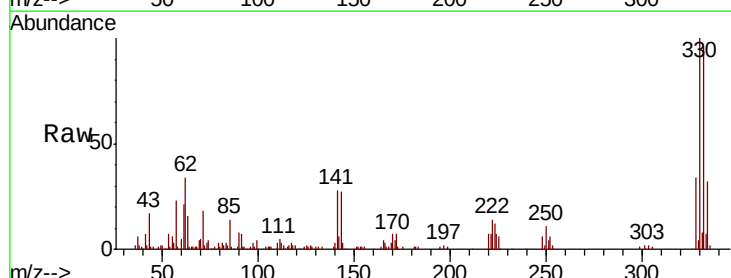
Tgt Ion:330 Resp: 166498

Ion Ratio Lower Upper

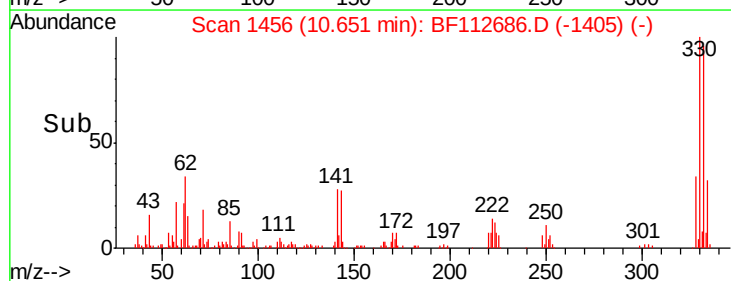
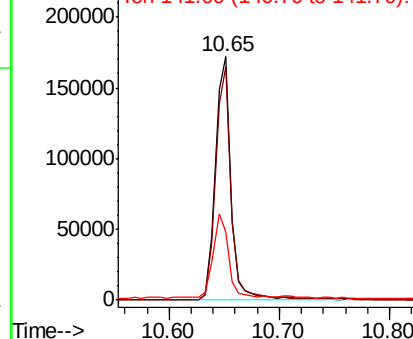
330 100

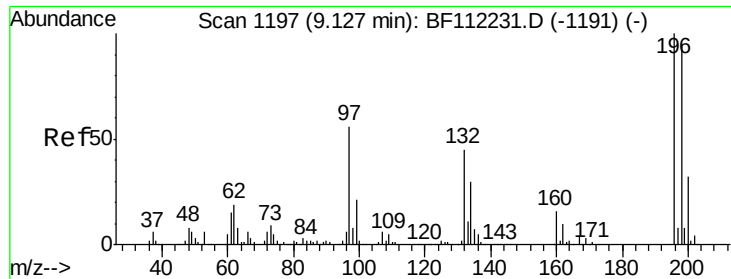
332 94.3 76.6 114.8

141 32.8 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

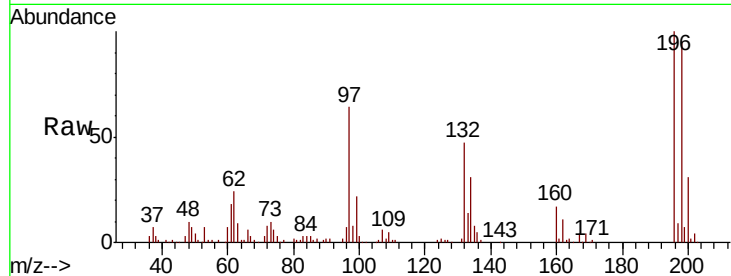




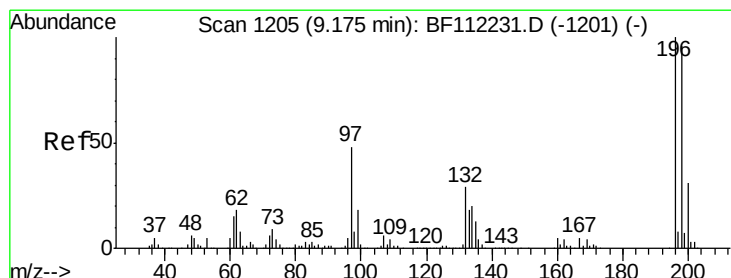
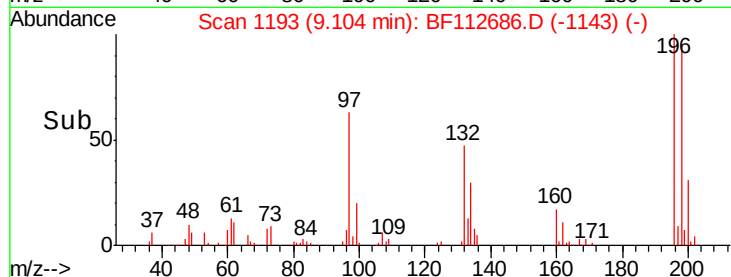
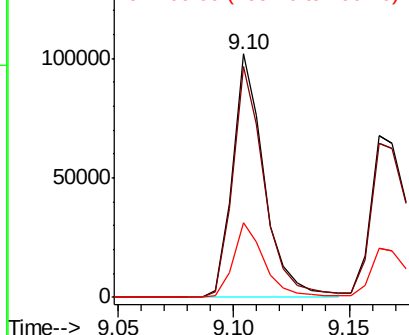
#43
 2,4,6-Trichlorophenol
 Concen: 40.997 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Tot Ion:196 Resp: 97358
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 200 30.9 24.3 36.5

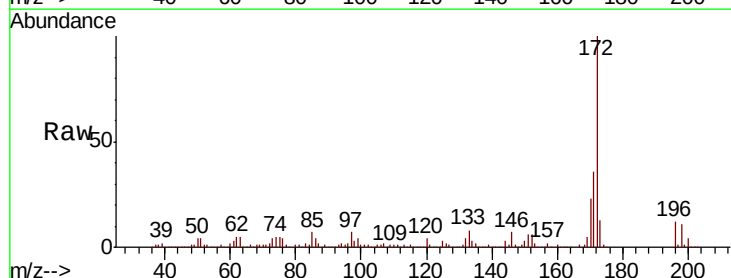


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

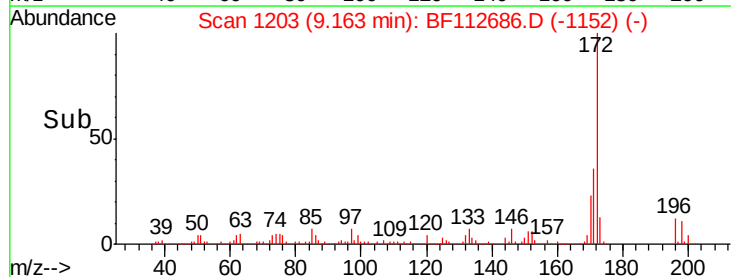
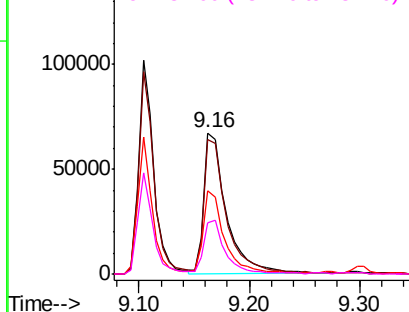


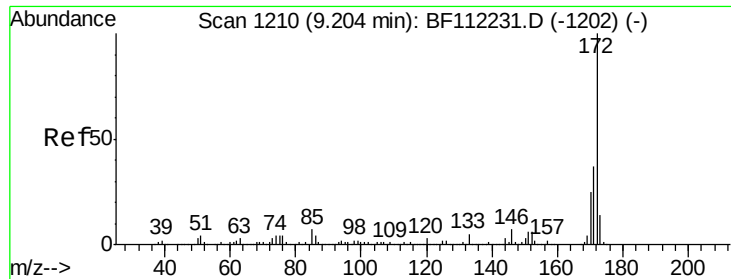
#44
 2,4,5-Trichlorophenol
 Concen: 37.078 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion:196 Resp: 92026
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.0 114.0
 97 58.6 36.4 54.6#
 132 36.2 21.5 32.3#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

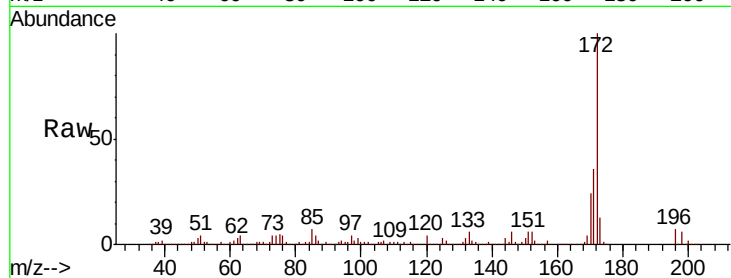




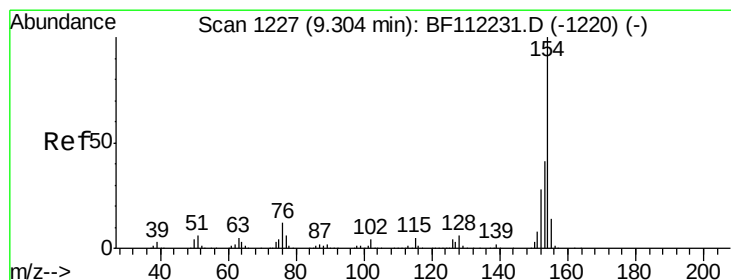
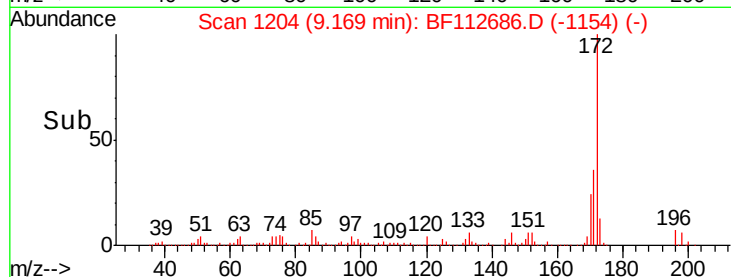
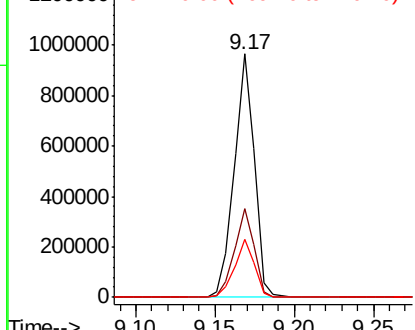
#45
2-Fluorobiphenyl
Concen: 102.555 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:172 Resp: 850812
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 23.8 20.2 30.4

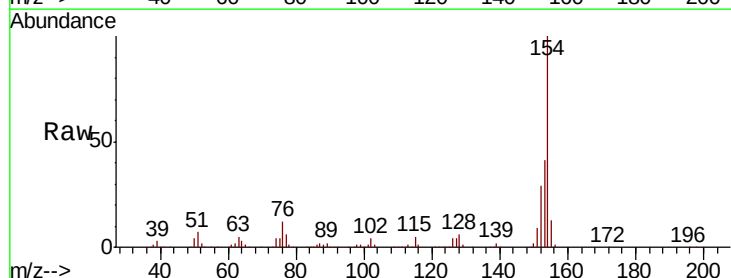


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

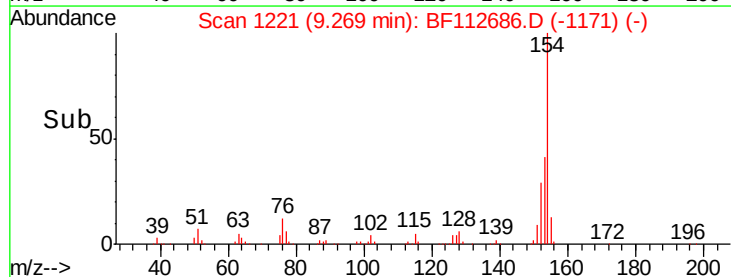
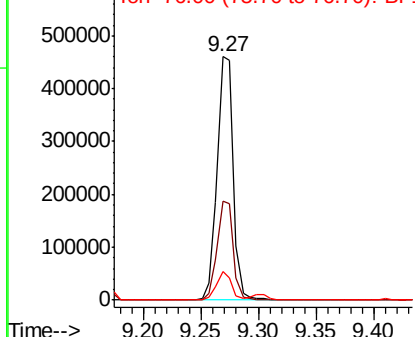


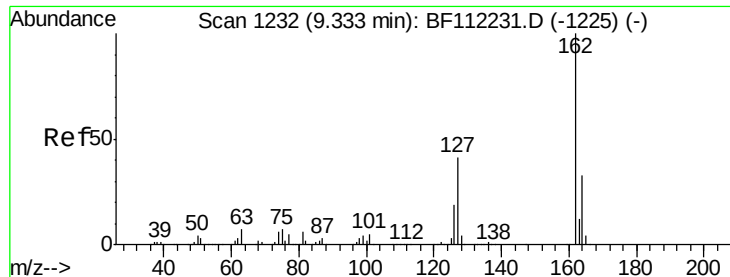
#46
1,1'-Biphenyl
Concen: 43.567 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:154 Resp: 446909
Ion Ratio Lower Upper
154 100
153 40.8 21.5 61.5
76 11.6 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

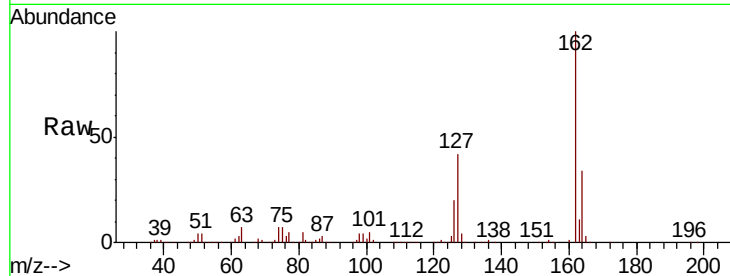




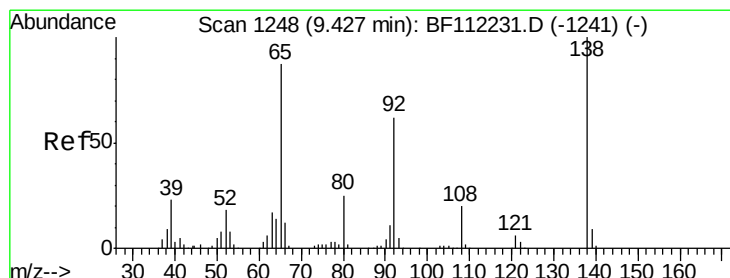
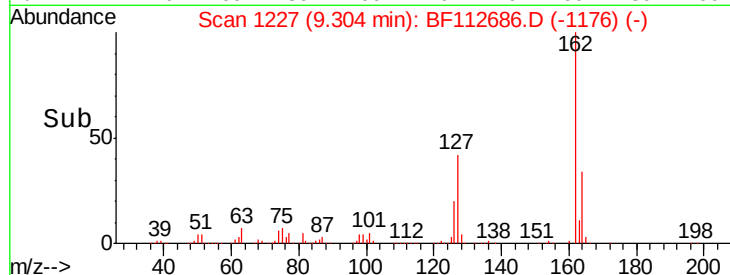
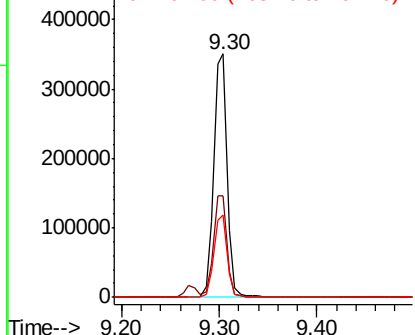
#47
2-Chloronaphthalene
Concen: 41.780 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:162 Resp: 332346
Ion Ratio Lower Upper
162 100
127 41.6 30.4 45.6
164 33.6 27.4 41.2

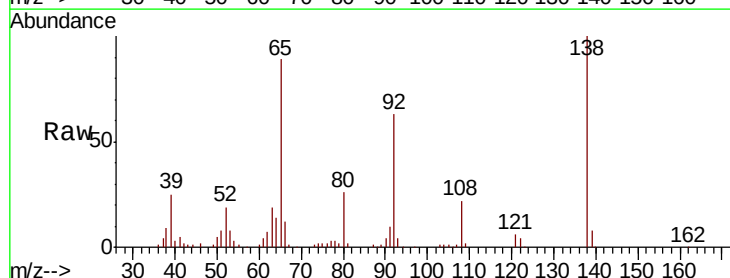


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

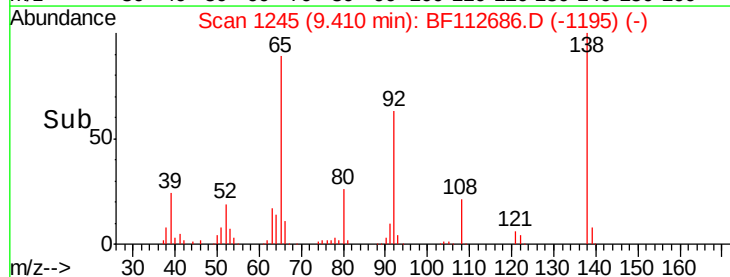
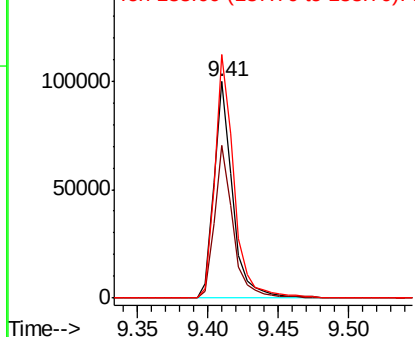


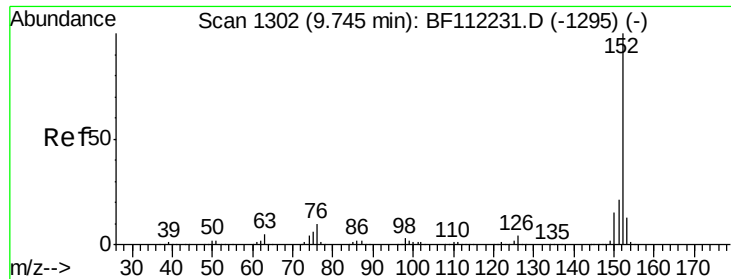
#48
2-Nitroaniline
Concen: 42.298 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion: 65 Resp: 91707
Ion Ratio Lower Upper
65 100
92 70.4 60.4 90.6
138 112.6 104.4 156.6



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





#49

Acenaphthylene

Concen: 45.598 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

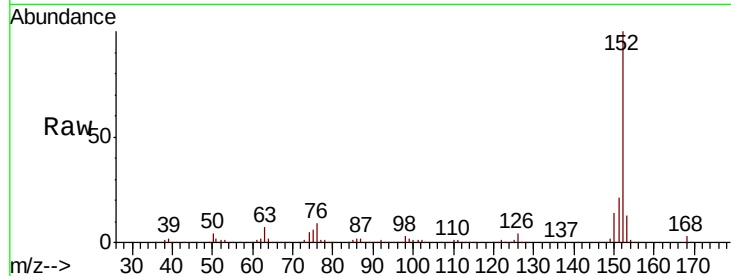
Tot Ion:152 Resp: 531643

Ion Ratio Lower Upper

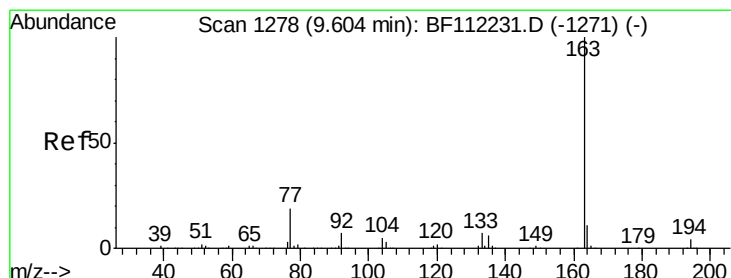
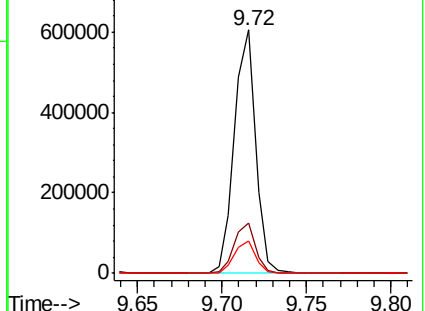
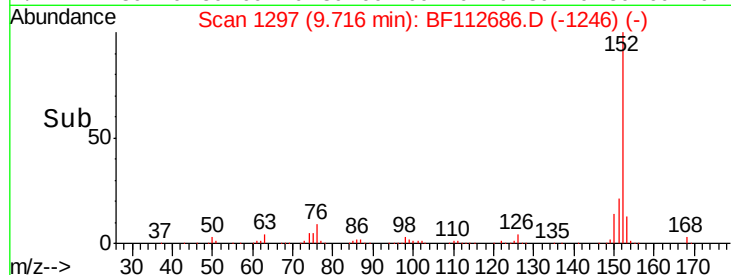
152 100

151 20.6 17.0 25.6

153 13.2 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: 45.399 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

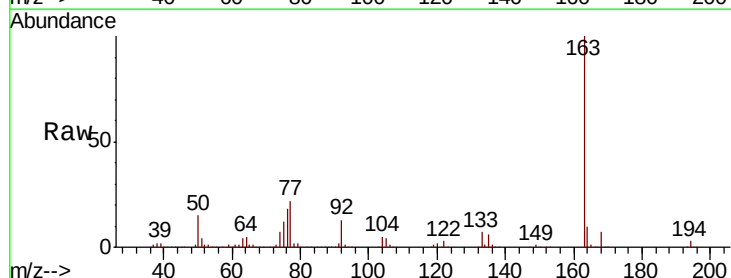
Tgt Ion:163 Resp: 413875

Ion Ratio Lower Upper

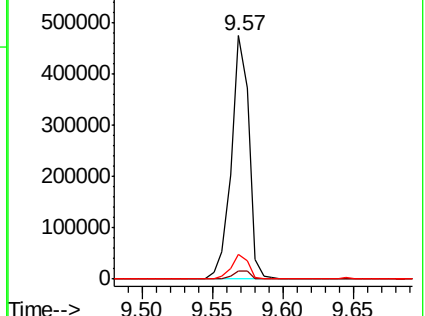
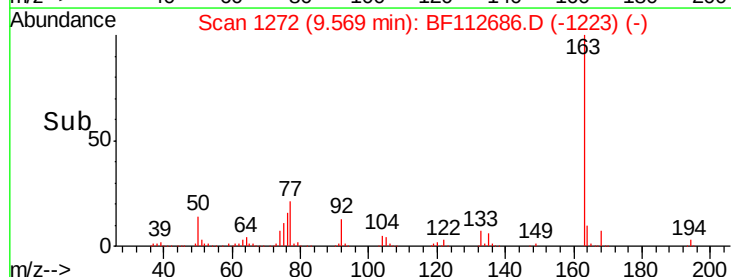
163 100

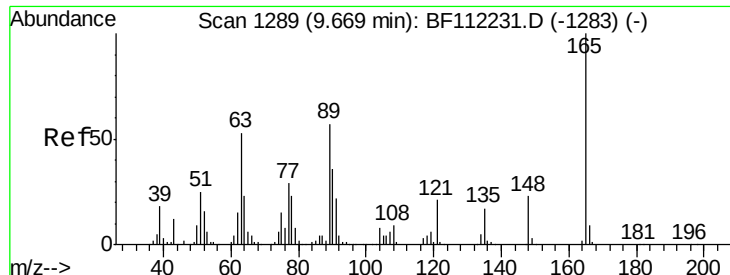
194 3.4 3.3 4.9

164 10.3 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

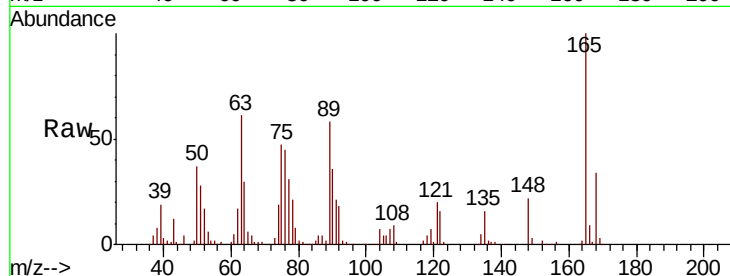




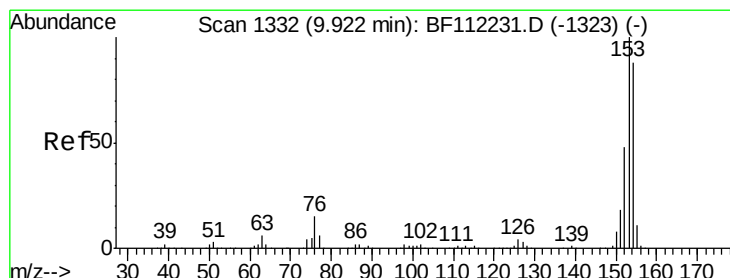
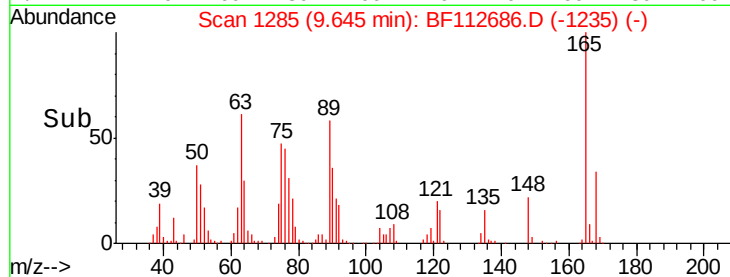
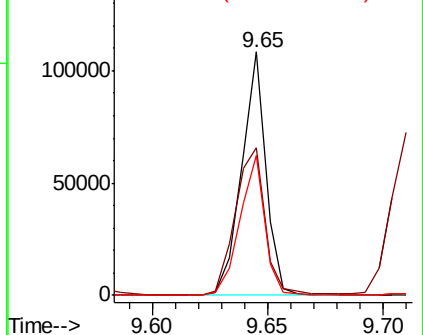
#51
 2,6-Dinitrotoluene
 Concen: 39.194 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.8	33.8	50.8#
89	57.7	36.9	55.3#

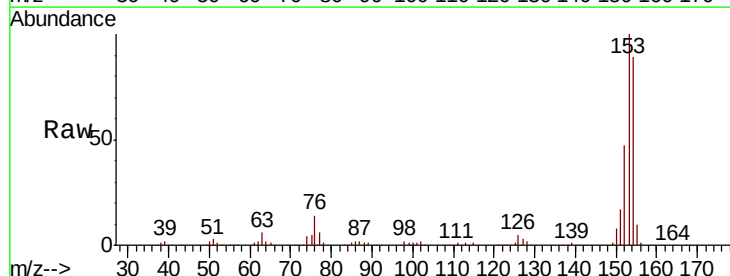


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

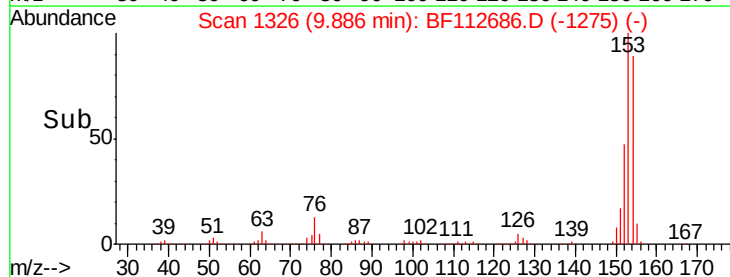
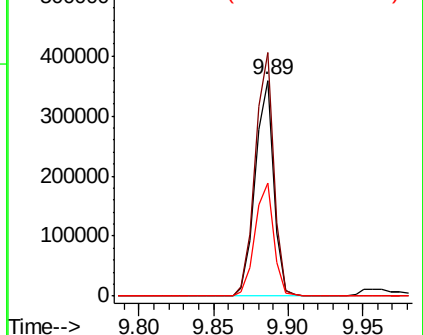


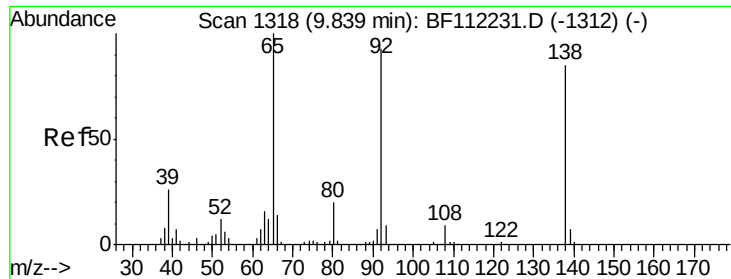
#52
 Acenaphthene
 Concen: 43.863 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.8	134.6
152	52.6	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

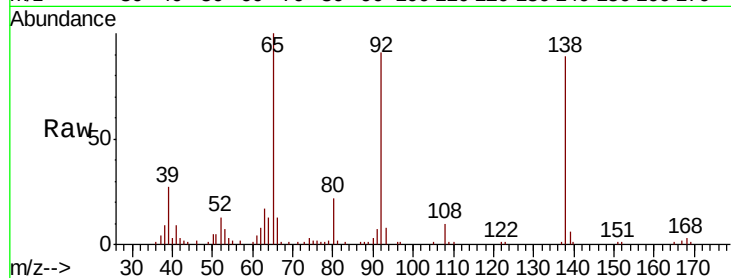




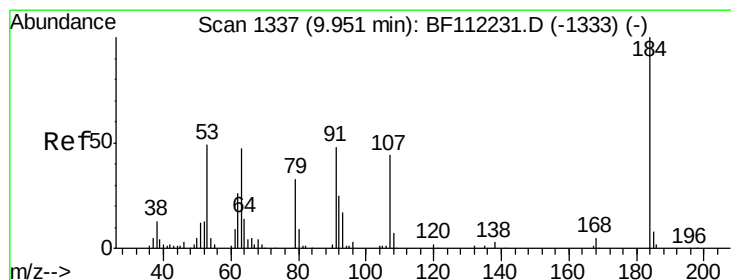
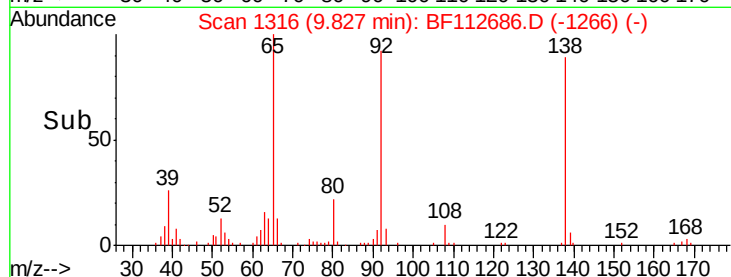
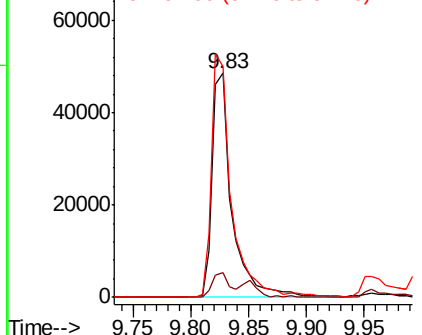
#53
3-Nitroaniline
Concen: 26.042 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:138 Resp: 57603
Ion Ratio Lower Upper
138 100
108 11.1 9.8 14.6
92 102.8 79.4 119.2

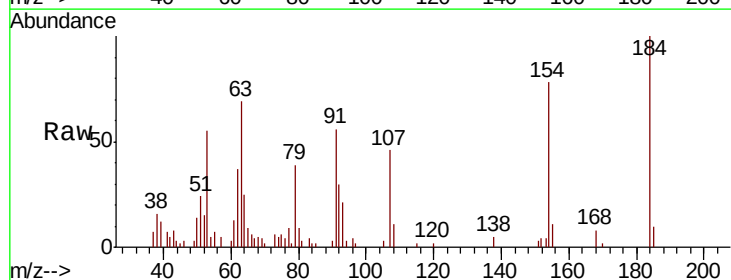


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

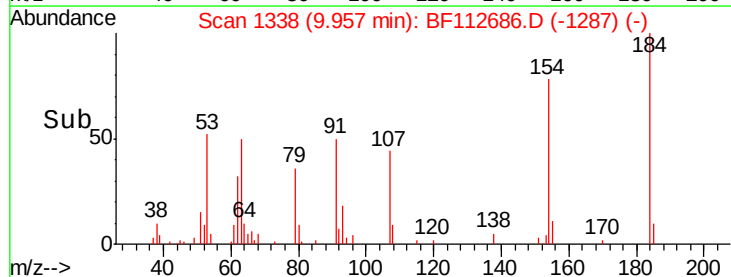
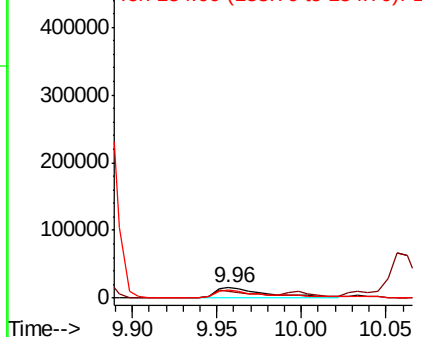


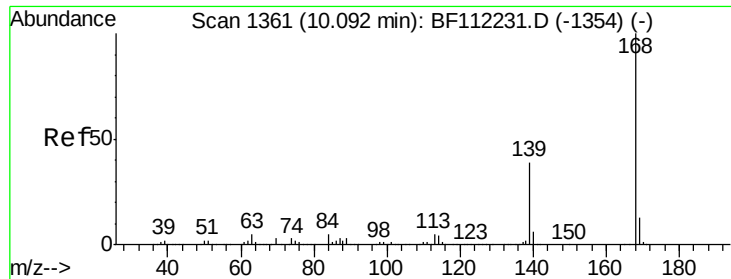
#54
2,4-Dinitrophenol
Concen: 50.990 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:184 Resp: 33411
Ion Ratio Lower Upper
184 100
63 68.7 47.1 70.7
154 78.2 48.9 73.3#



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

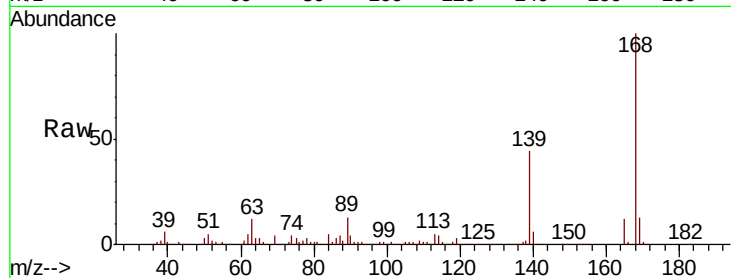




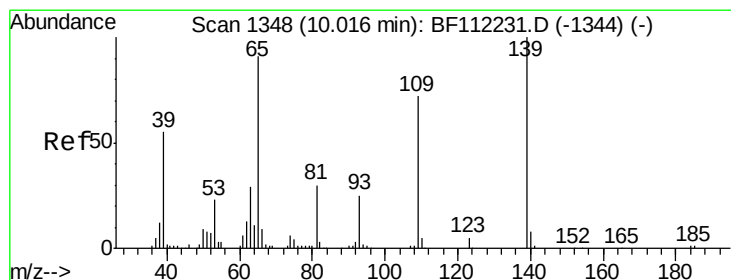
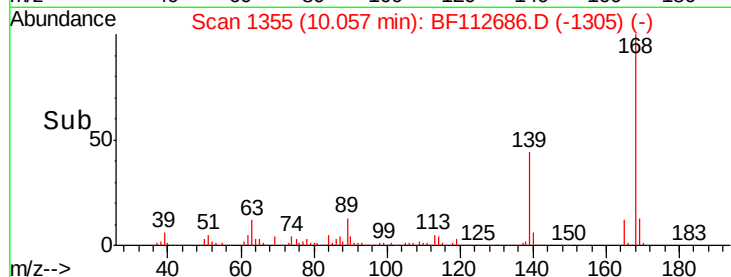
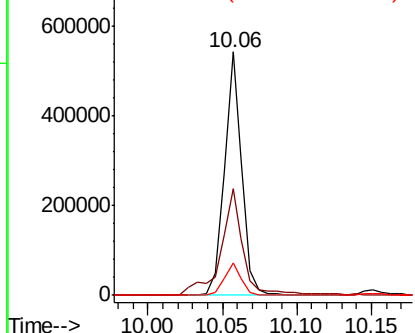
#55
Dibenzofuran
Concen: 41.770 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:168 Resp: 444579
Ion Ratio Lower Upper
168 100
139 43.8 29.2 43.8#
169 13.4 11.4 17.0

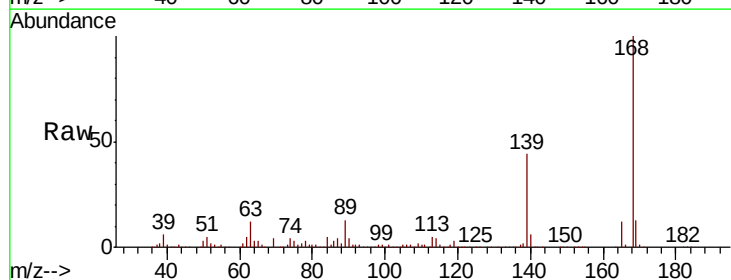


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

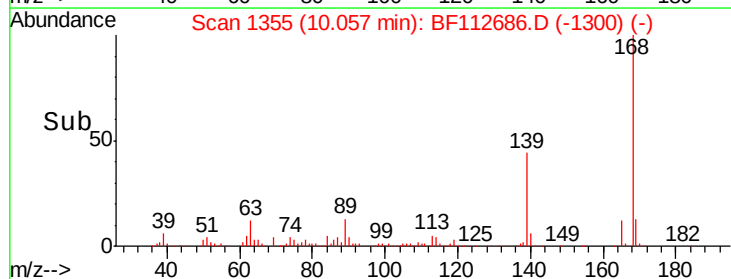
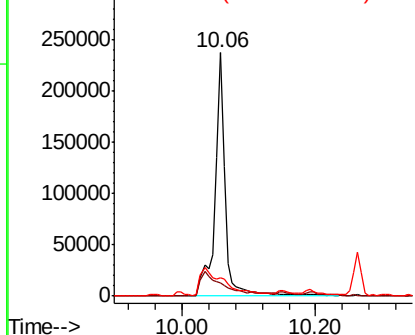


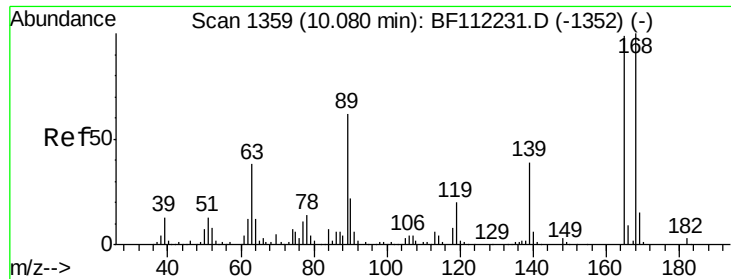
#56
4-Nitrophenol
Concen: 222.707 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:139 Resp: 260442
Ion Ratio Lower Upper
139 100
109 5.2 42.8 82.8#
65 7.7 66.1 106.1#



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

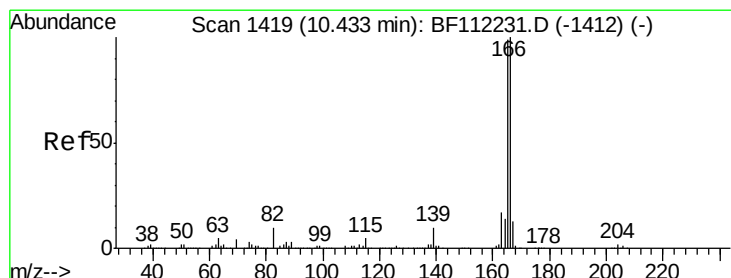
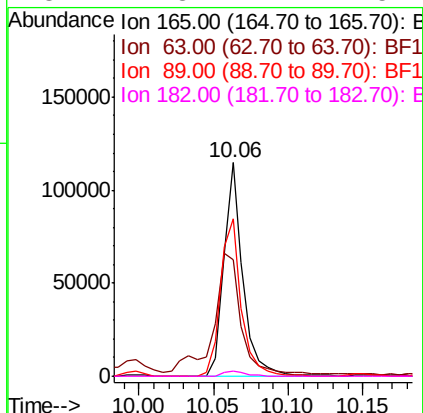
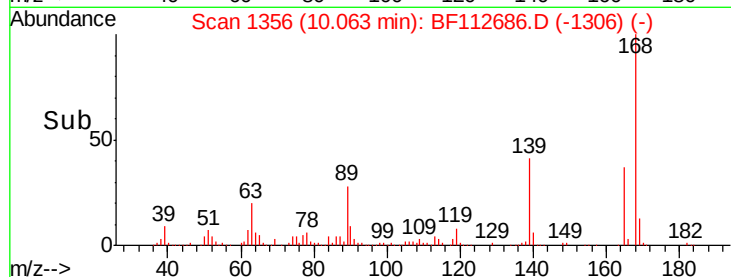
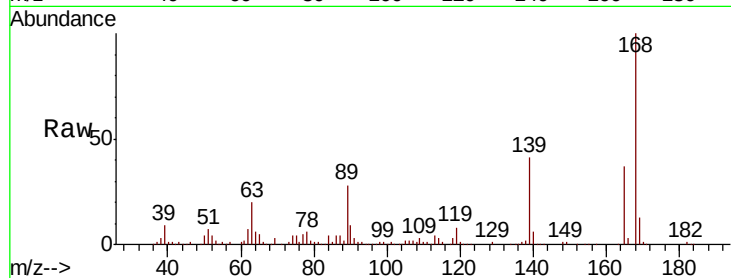




#57
2,4-Dinitrotoluene
Concen: 39.693 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

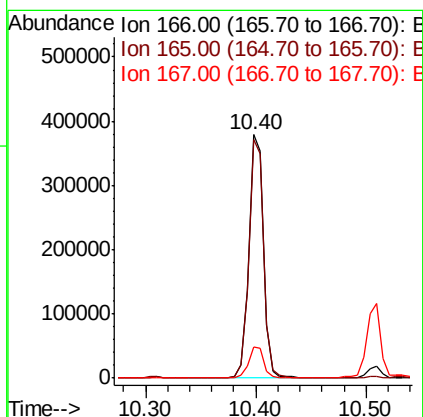
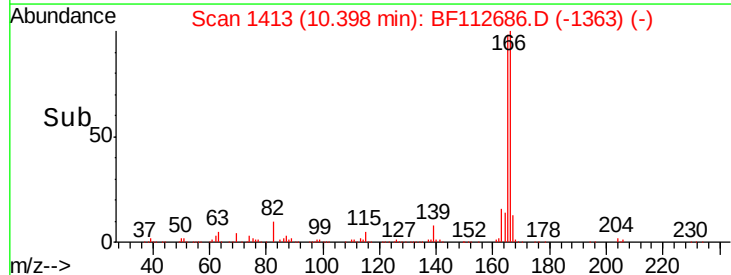
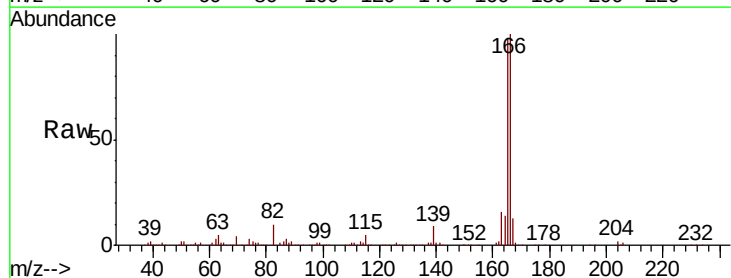
Instrument :
BNA_F
ClientSampleId :
COMPMS

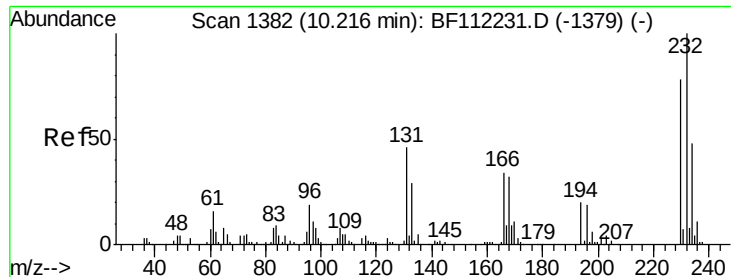
Tot Ion:165 Resp: 103172
Ion Ratio Lower Upper
165 100
63 54.4 27.9 41.9#
89 73.8 47.9 71.9#
182 2.3 2.2 3.4



#58
Fluorene
Concen: 44.101 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:166 Resp: 351253
Ion Ratio Lower Upper
166 100
165 98.1 77.1 115.7
167 12.8 11.3 16.9

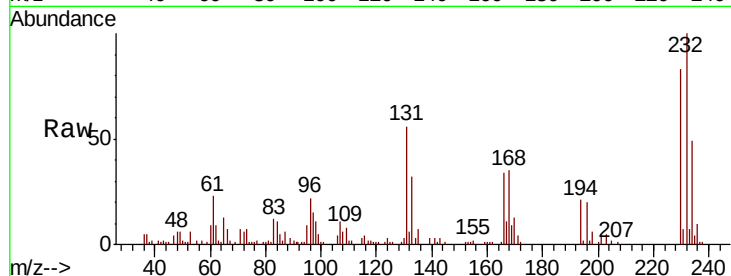




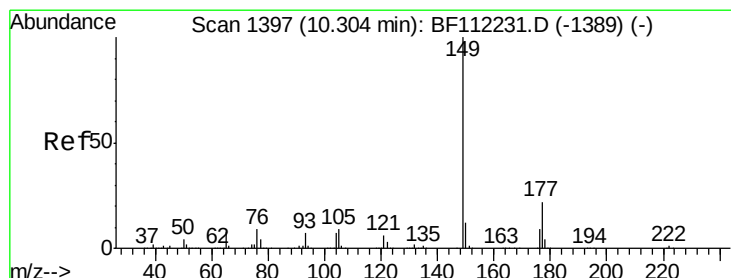
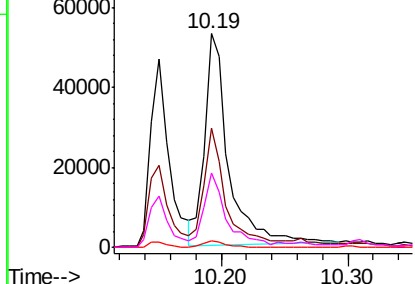
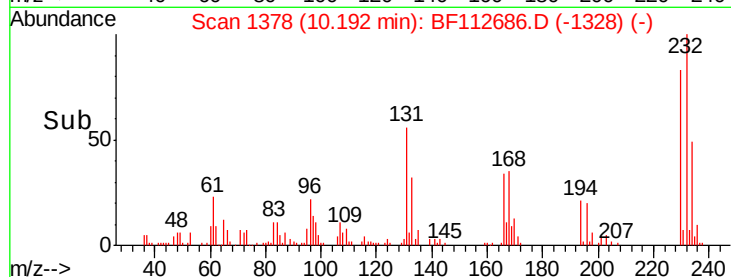
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.961 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:232 Resp: 69324
Ion Ratio Lower Upper
232 100
131 46.5 33.9 50.9
130 2.8 1.8 2.6#
166 30.1 23.6 35.4

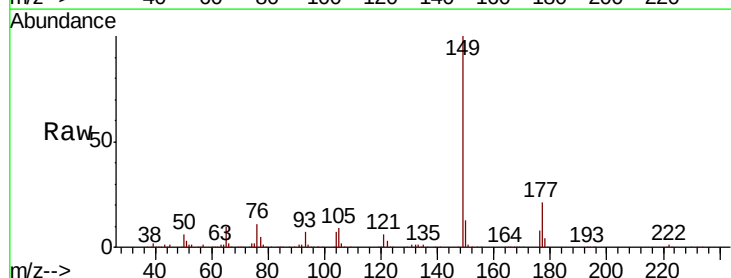


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

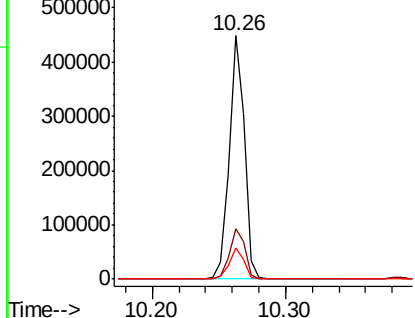
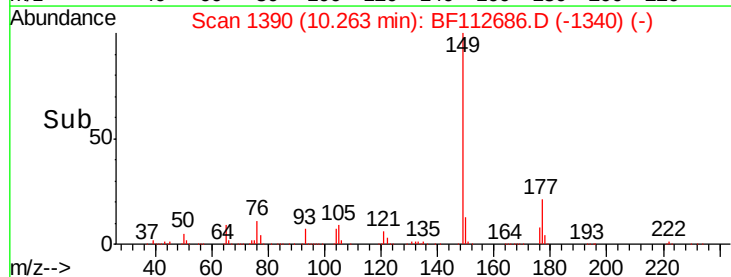


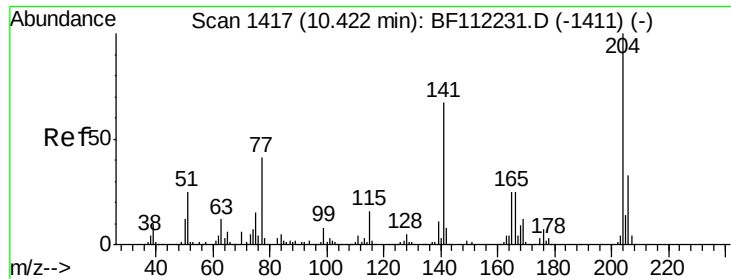
#60
Diethylphthalate
Concen: 39.945 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:149 Resp: 361380
Ion Ratio Lower Upper
149 100
177 20.6 18.2 27.2
150 13.0 10.4 15.6



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

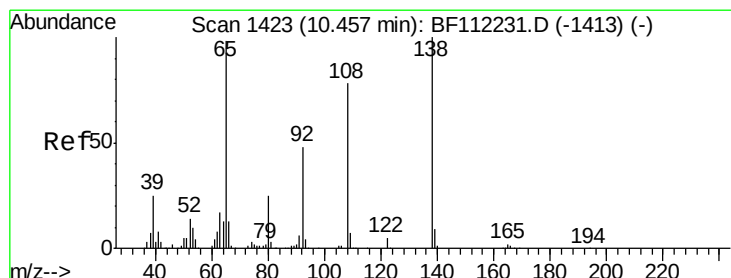
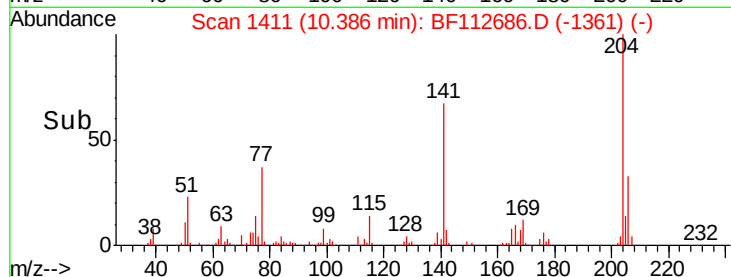
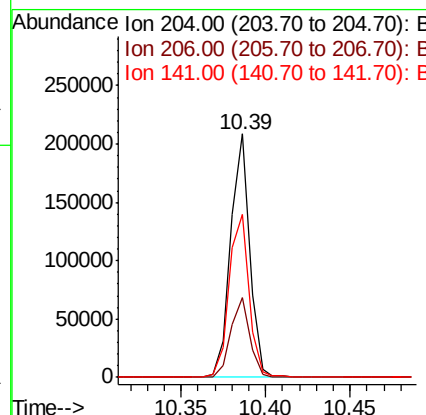
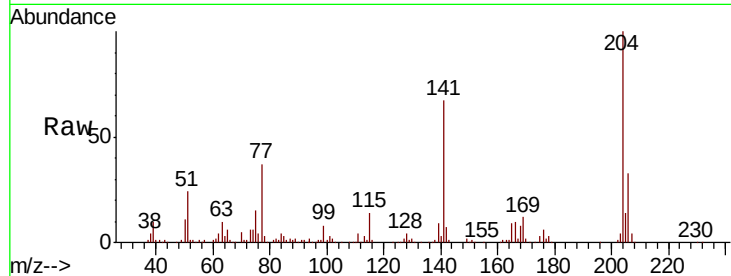




#61
4-Chlorophenyl-phenylether
Concen: 37.804 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

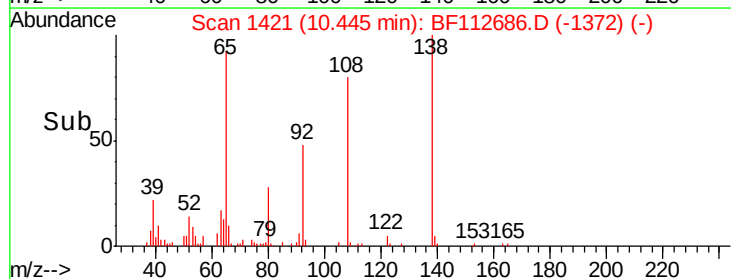
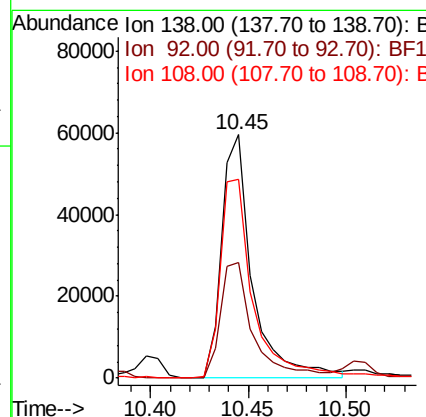
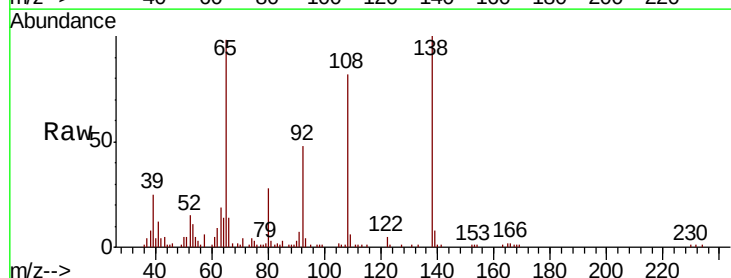
Instrument :
BNA_F
ClientSampleId :
COMPMS

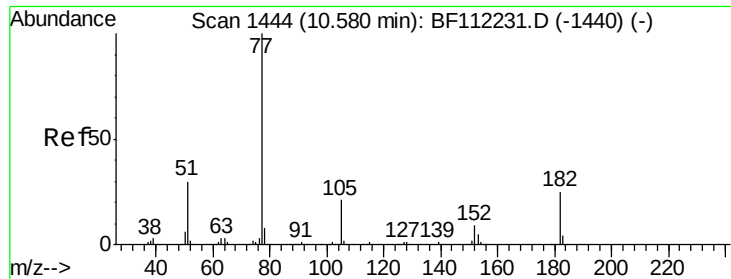
Tot Ion:204 Resp: 163792
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 66.8 45.9 68.9



#62
4-Nitroaniline
Concen: 30.018 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:138 Resp: 65128
Ion Ratio Lower Upper
138 100
92 47.6 30.6 70.6
108 81.8 50.0 90.0





#63

Azobenzene

Concen: 39.354 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

Tot Ion: 77 Resp: 313126

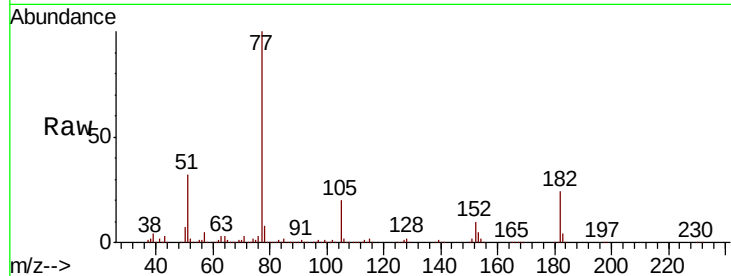
Ion Ratio Lower Upper

77 100

182 24.0 5.7 45.7

105 20.3 1.4 41.4

51 31.5 9.5 49.5

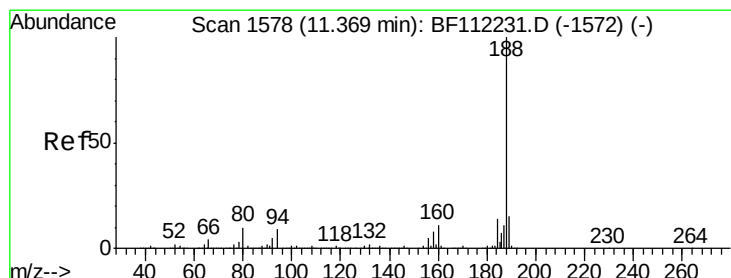
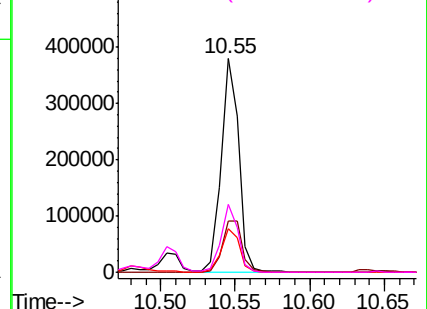
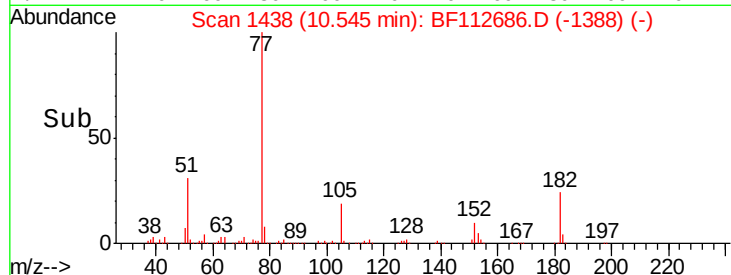


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

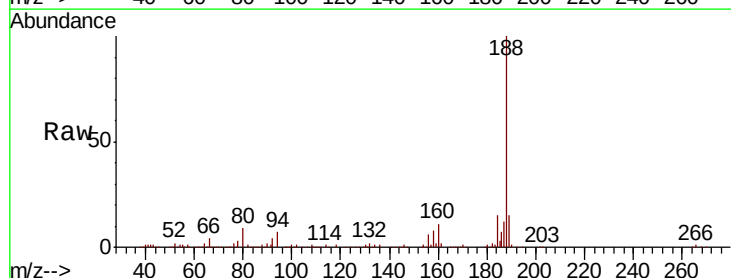
Tgt Ion: 188 Resp: 185677

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.2#

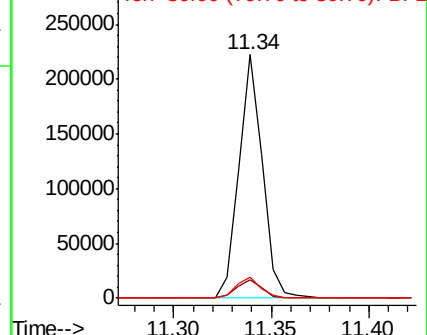
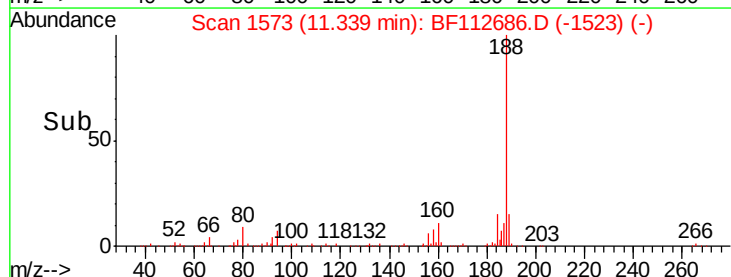
80 8.6 8.9 13.3#

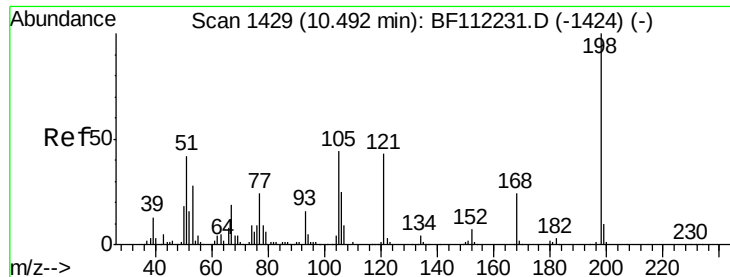


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 30.113 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

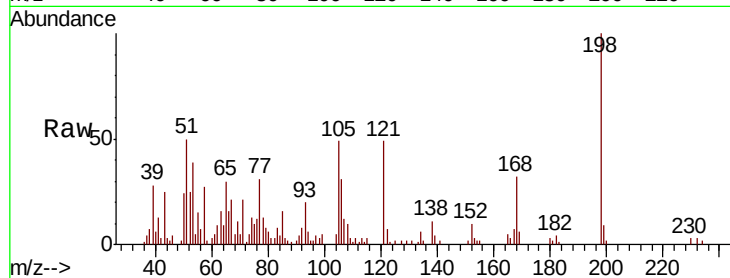
Tot Ion:198 Resp: 31348

Ion Ratio Lower Upper

198 100

51 49.5 17.2 57.2

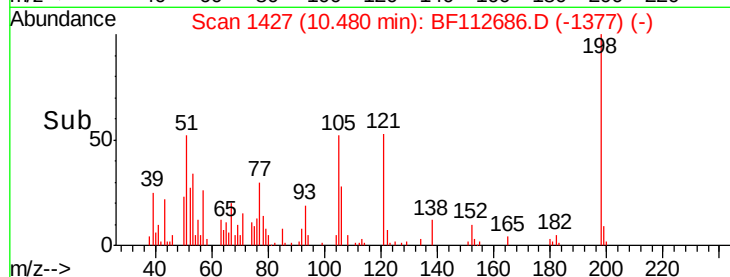
105 49.4 21.9 61.9



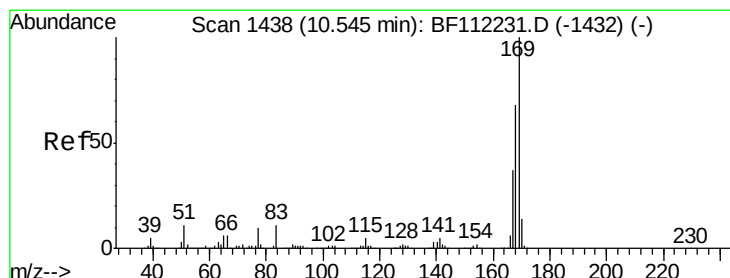
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.343 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

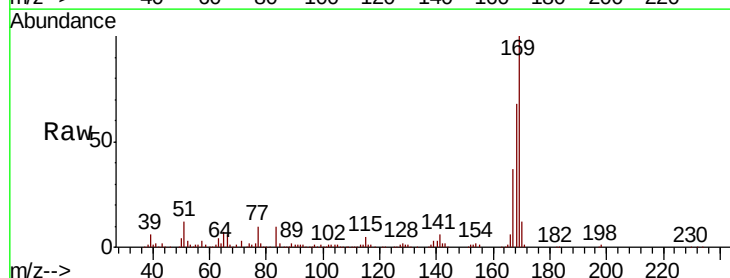
Tgt Ion:169 Resp: 283749

Ion Ratio Lower Upper

169 100

168 68.3 53.9 80.9

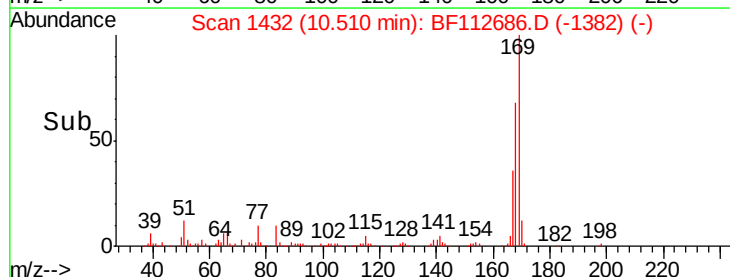
167 36.7 28.9 43.3



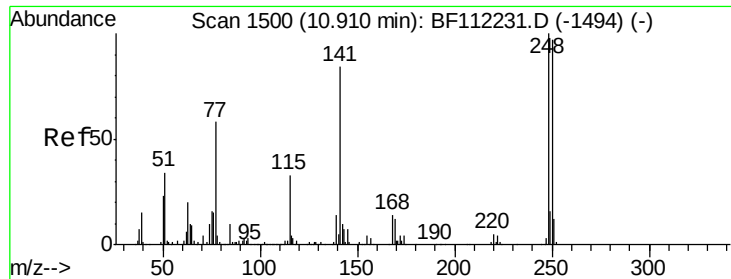
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



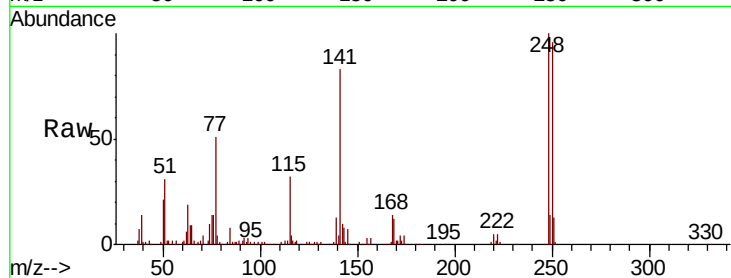
Time-->



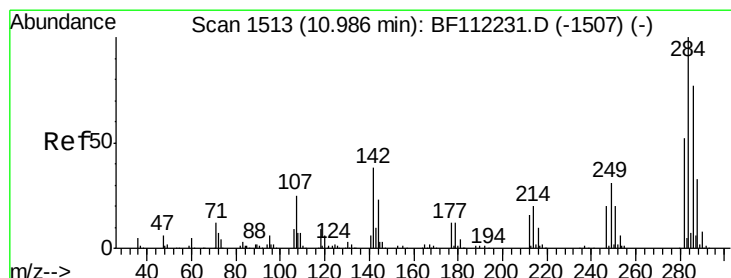
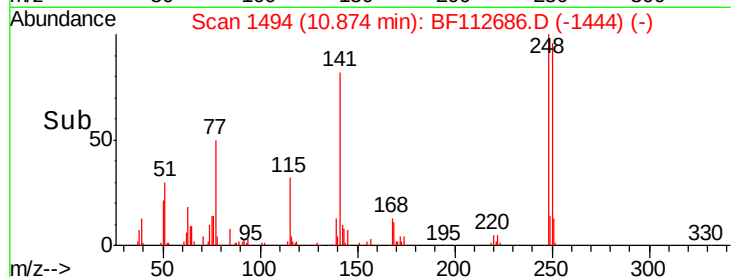
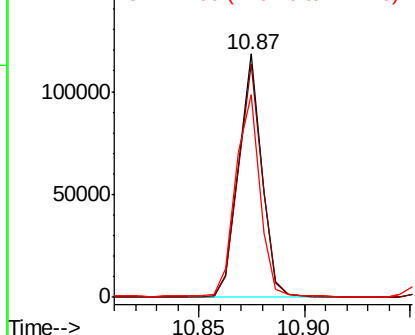
#67
4-Bromophenyl-phenylether
Concen: 41.203 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:248 Resp: 89980
Ion Ratio Lower Upper
248 100
250 95.8 79.7 119.5
141 83.4 60.3 90.5

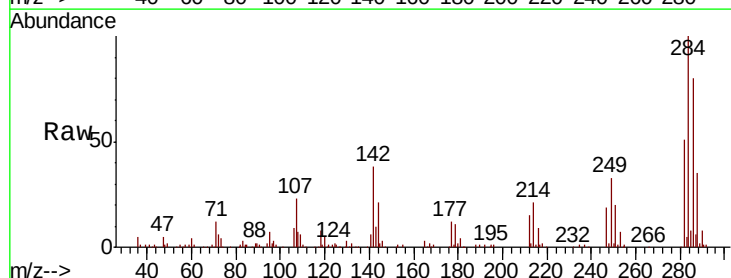


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

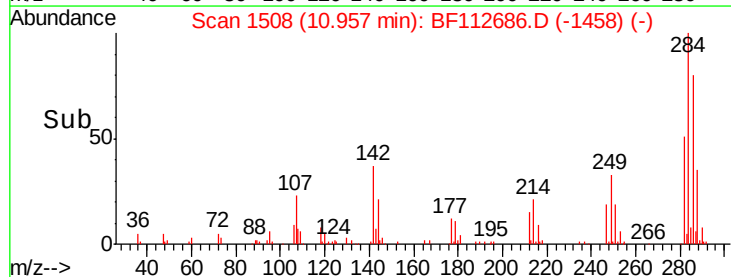
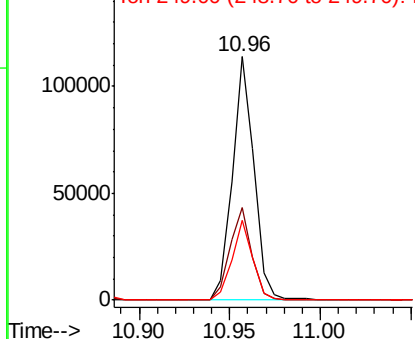


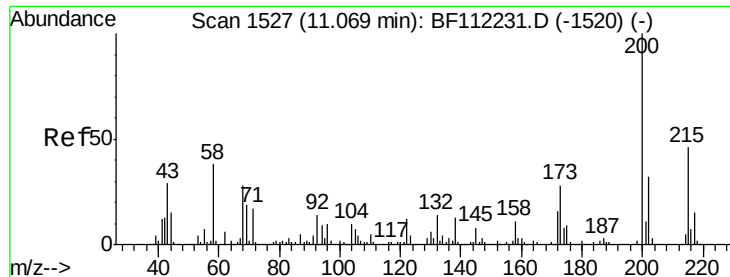
#68
Hexachlorobenzene
Concen: 40.287 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:284 Resp: 94392
Ion Ratio Lower Upper
284 100
142 37.8 27.6 41.4
249 33.0 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

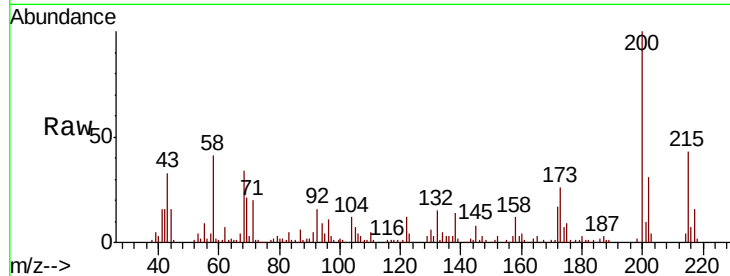




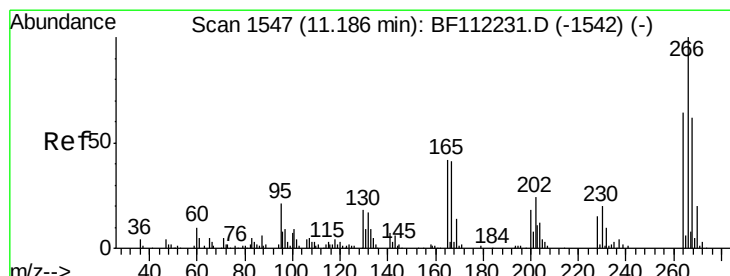
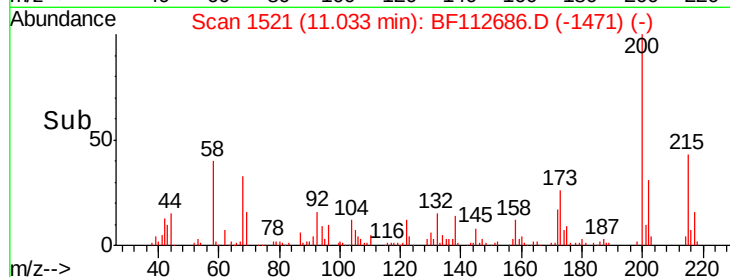
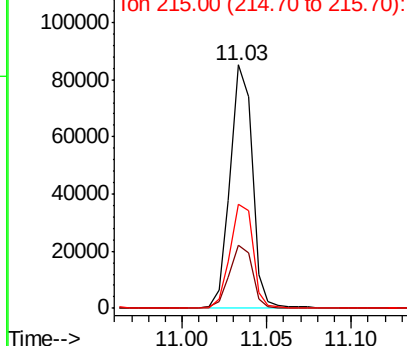
#69
Atrazine
Concen: 38.629 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:200 Resp: 78000
Ion Ratio Lower Upper
200 100
173 26.1 7.1 47.1
215 42.5 30.4 70.4

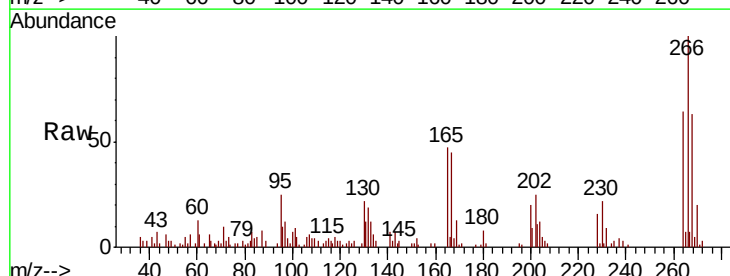


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

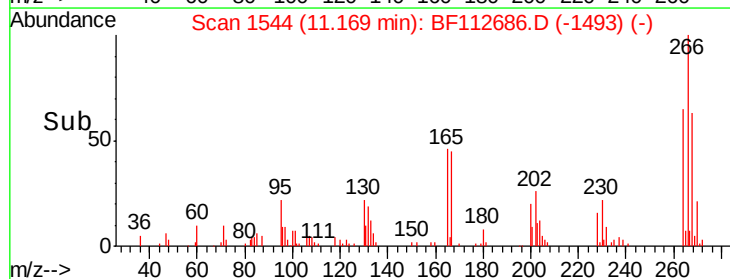
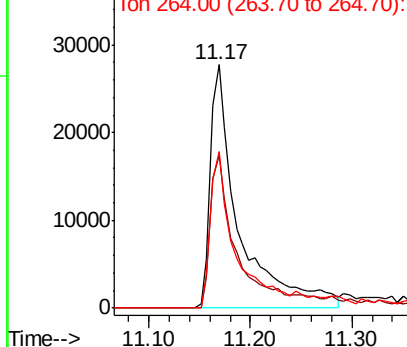


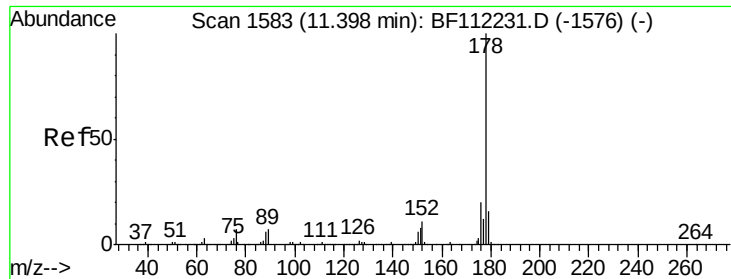
#70
Pentachlorophenol
Concen: 59.631 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:266 Resp: 54364
Ion Ratio Lower Upper
266 100
268 62.7 51.2 76.8
264 64.1 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

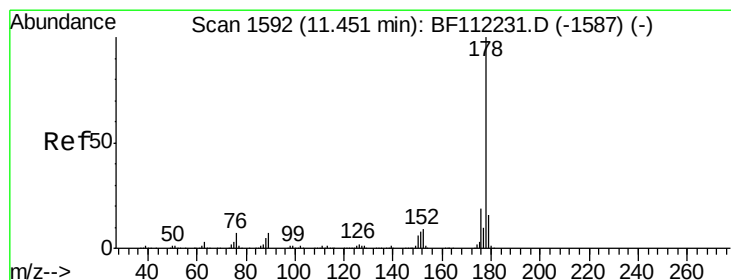
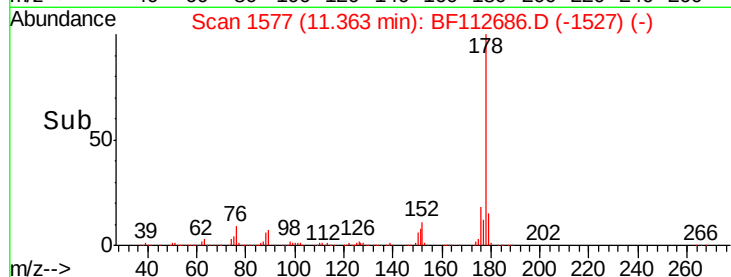
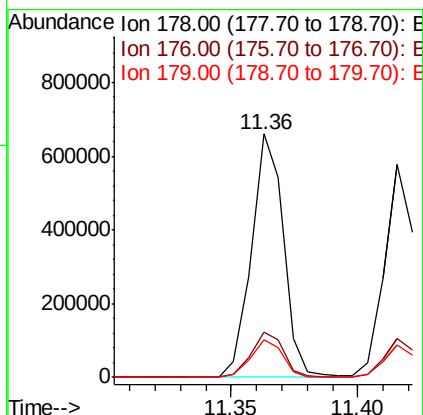
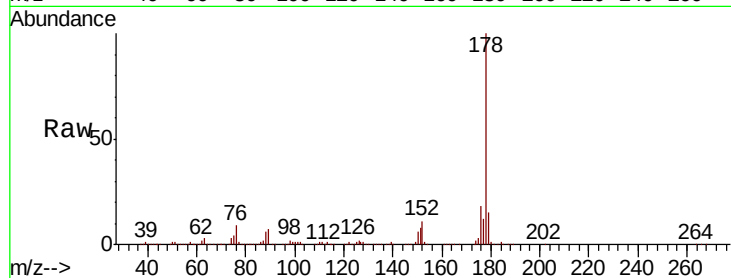




#71
Phenanthrene
Concen: 60.564 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

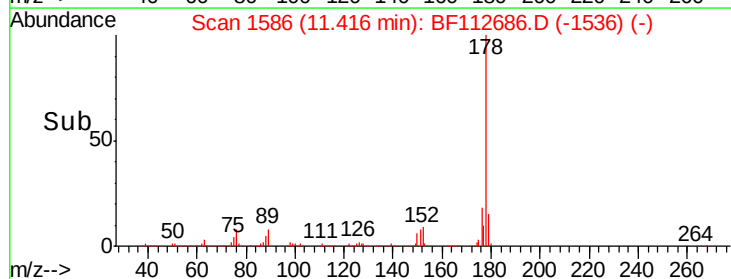
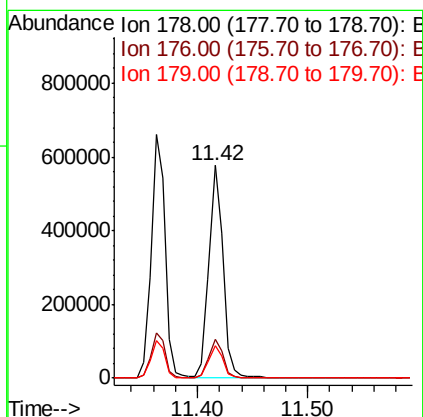
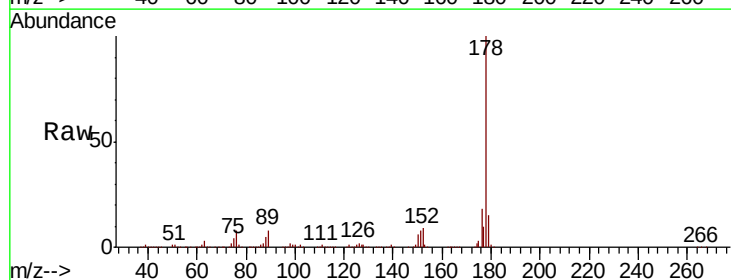
Instrument :
BNA_F
ClientSampleId :
COMPMS

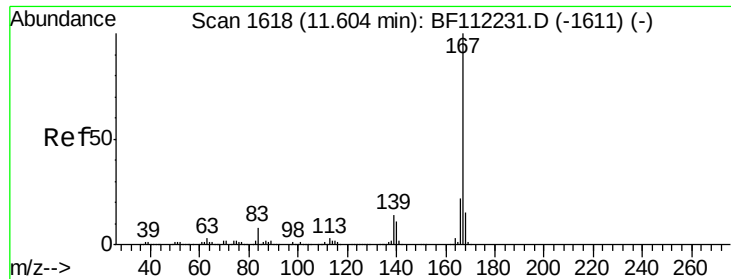
Tot Ion:178 Resp: 584626
Ion Ratio Lower Upper
178 100
176 18.4 16.3 24.5
179 15.4 13.0 19.4



#72
Anthracene
Concen: 51.988 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:178 Resp: 499904
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.3 12.8 19.2





#73

Carbazole

Concen: 40.697 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

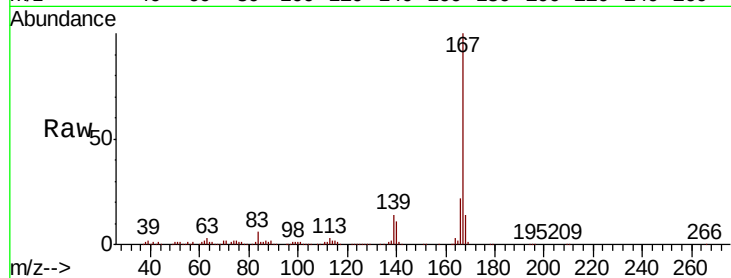
Tot Ion:167 Resp: 386011

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

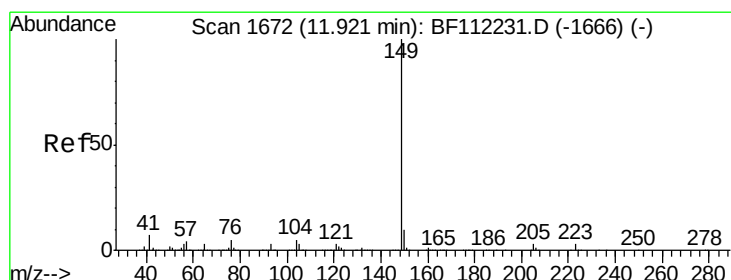
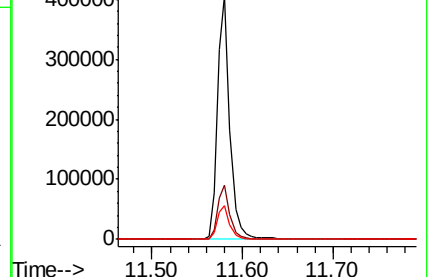
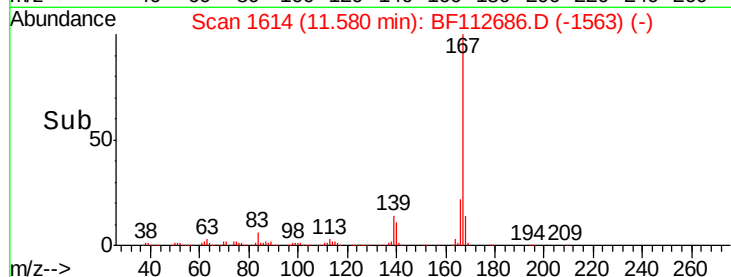
139 13.8 10.2 15.2



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: 41.505 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

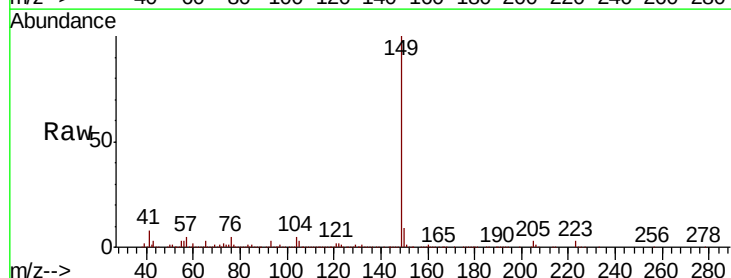
Tgt Ion:149 Resp: 488653

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

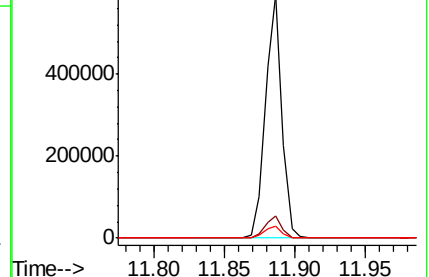
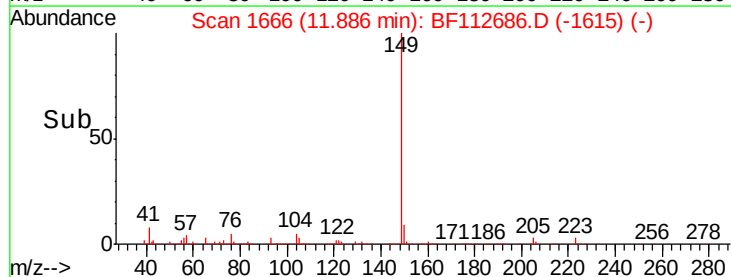
104 4.9 3.9 5.9

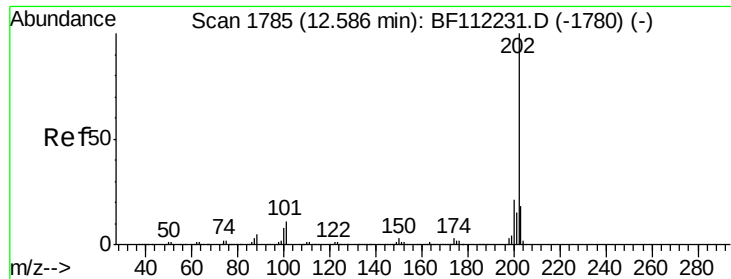


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 88.420 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampled :

COMPMS

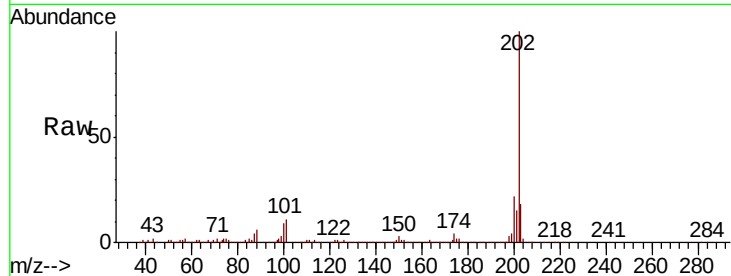
Tot Ion:202 Resp: 915460

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.8

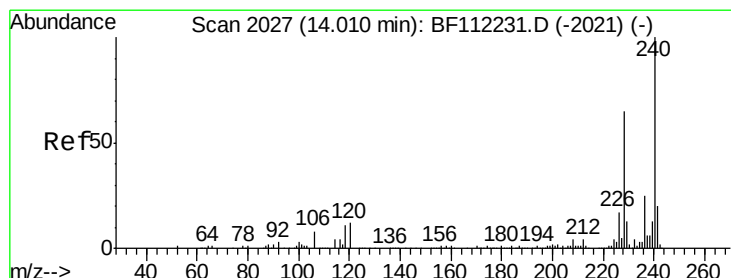
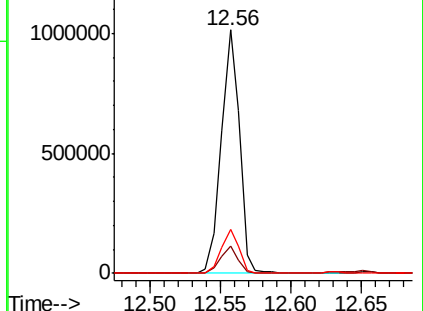
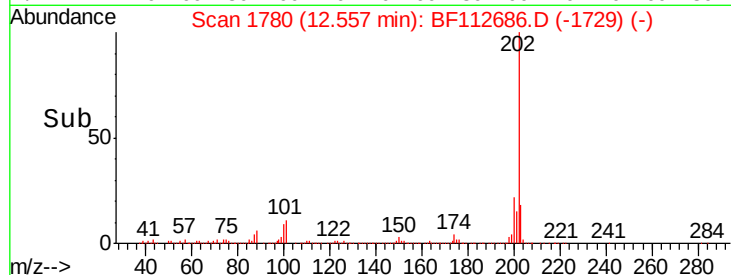
203 18.0 0.0 38.4



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

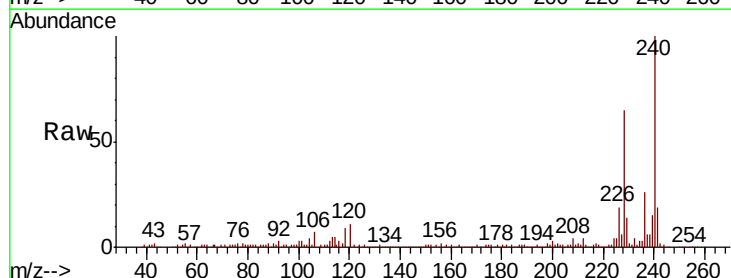
Tgt Ion:240 Resp: 181790

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

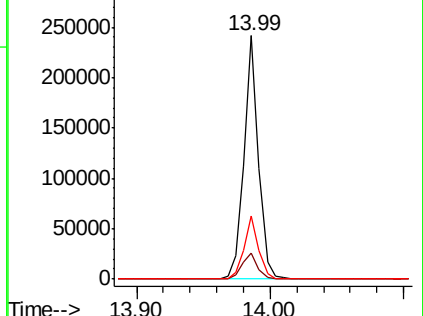
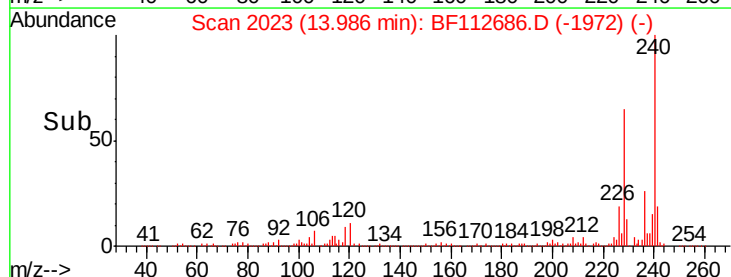
236 25.9 20.7 31.1

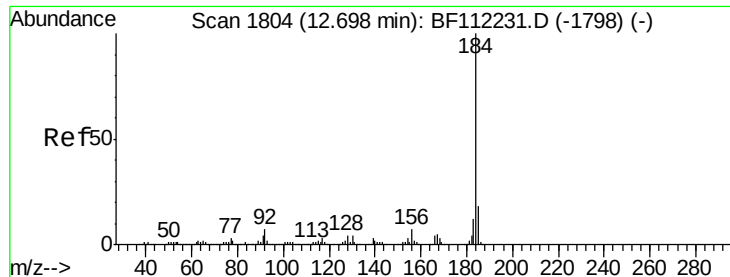


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.679 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

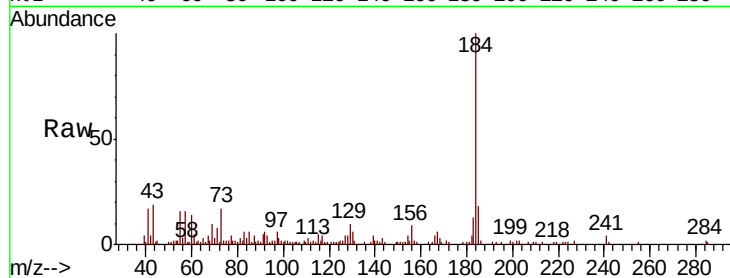
Tot Ion:184 Resp: 78450

Ion Ratio Lower Upper

184 100

185 17.7 13.9 20.9

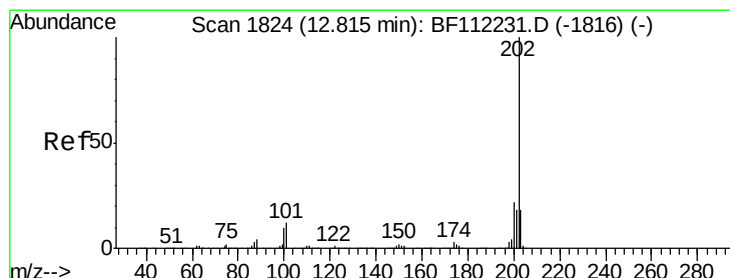
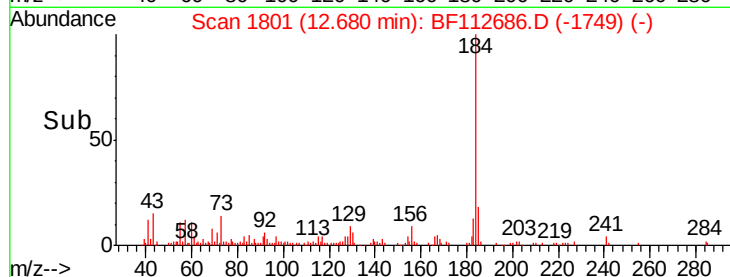
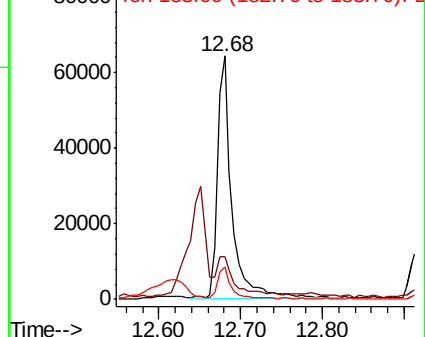
183 13.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 70.745 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

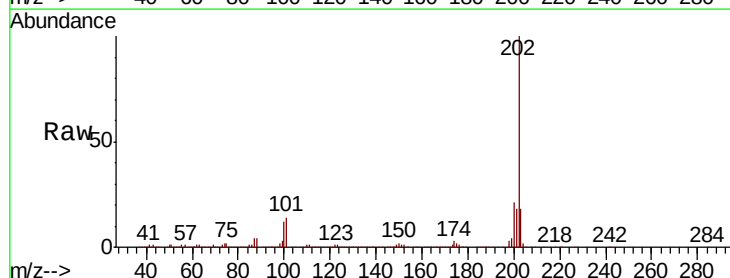
Tgt Ion:202 Resp: 890410

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

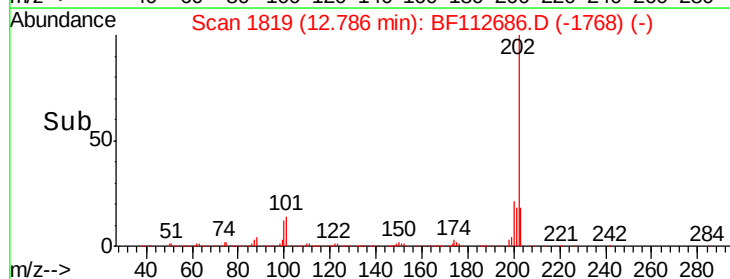
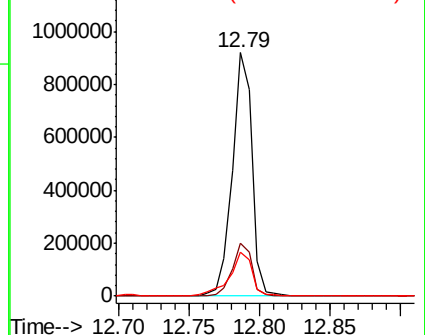
203 17.9 14.6 22.0

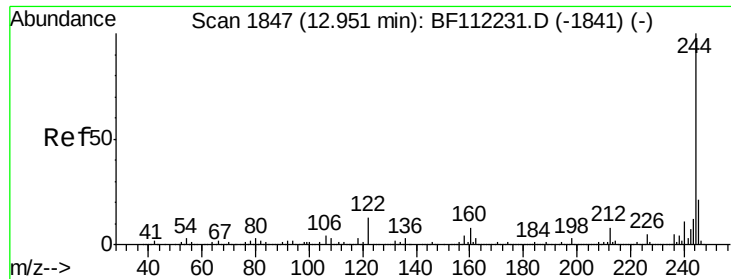


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

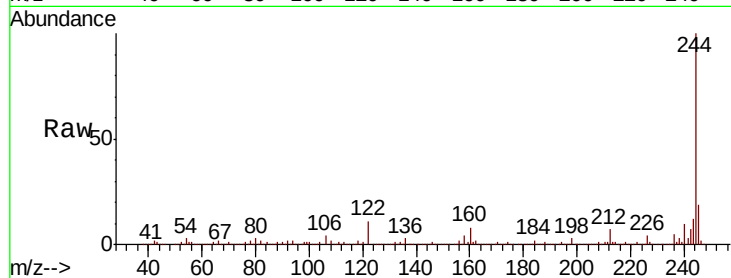




#79
 Terphenyl-d14
 Concen: 75.465 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.0	9.8	14.6

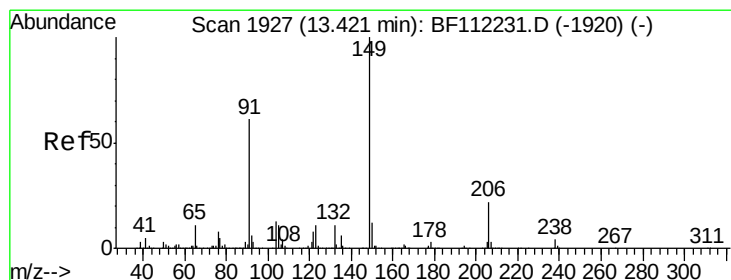
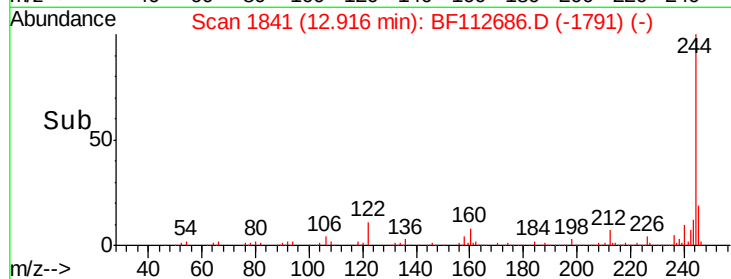
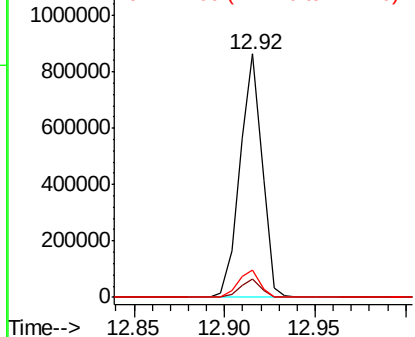


Abundance

Ion 244.00 (243.70 to 244.70): E

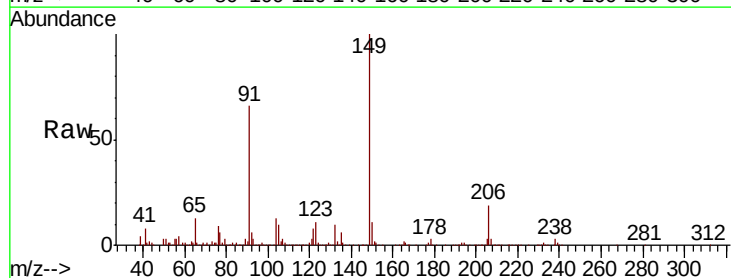
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 36.819 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	50.3	75.5
206	19.4	18.2	27.4

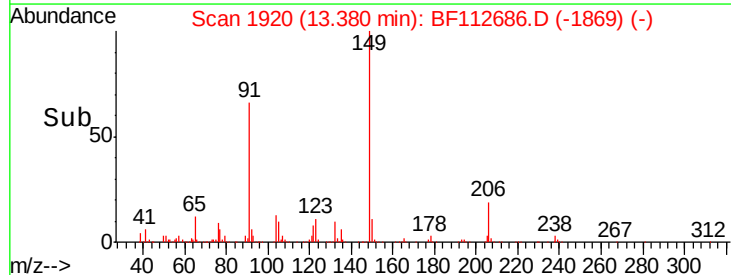
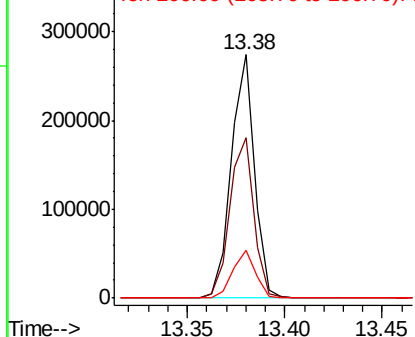


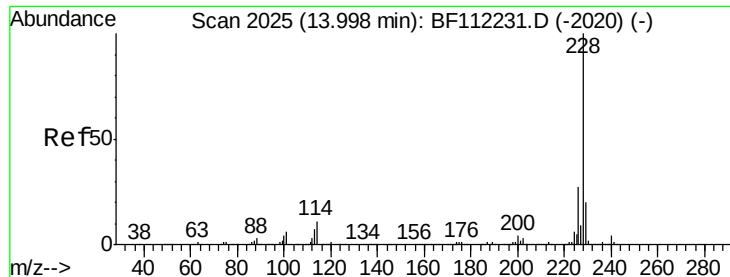
Abundance

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: 70.520 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

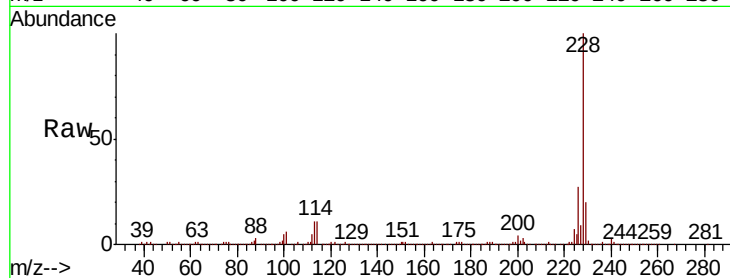
Tot Ion:228 Resp: 753618

Ion Ratio Lower Upper

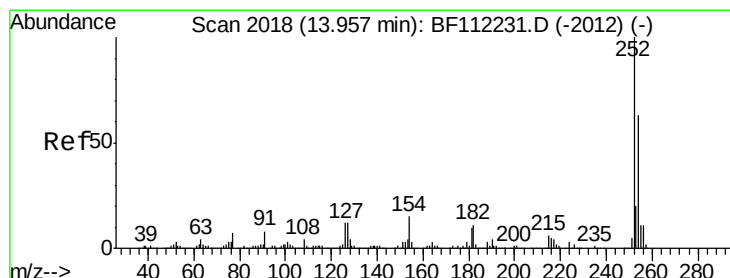
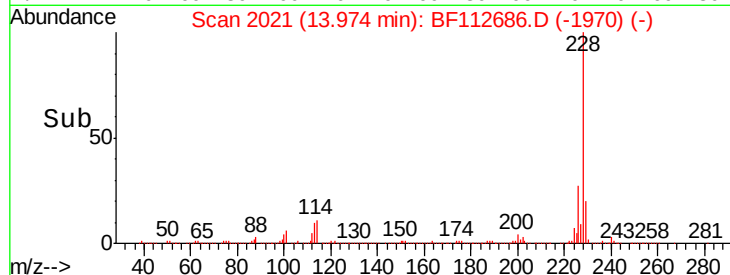
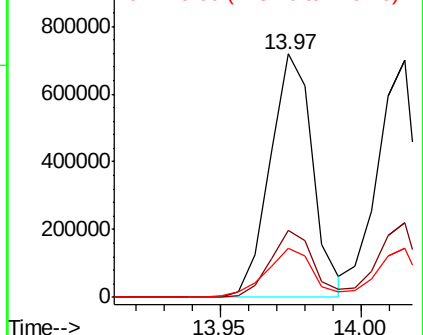
228 100

226 27.3 22.6 34.0

229 20.0 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: 21.873 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

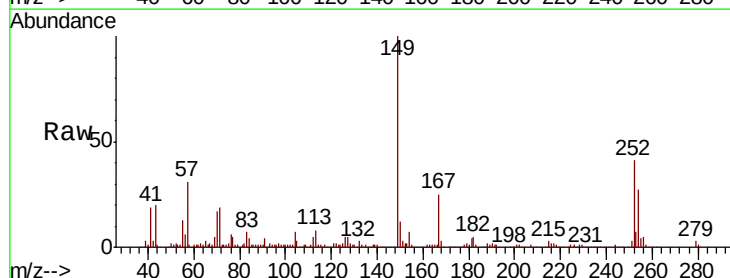
Tgt Ion:252 Resp: 87478

Ion Ratio Lower Upper

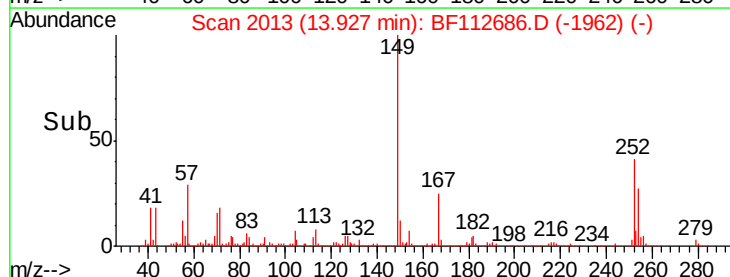
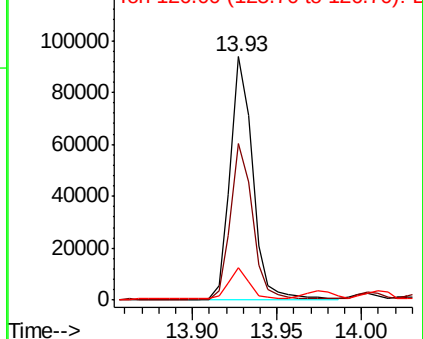
252 100

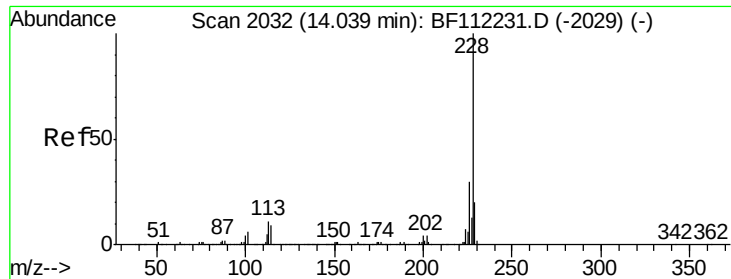
254 64.4 51.6 77.4

126 13.1 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

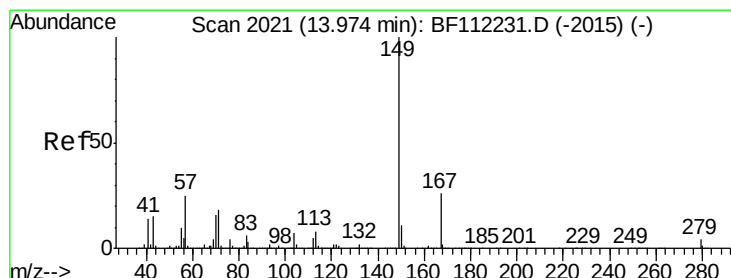
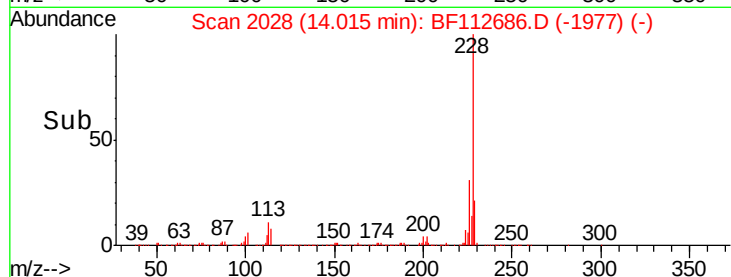
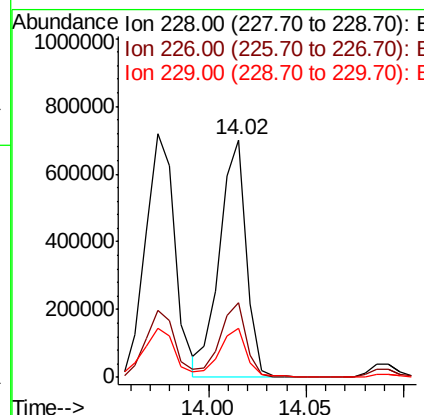
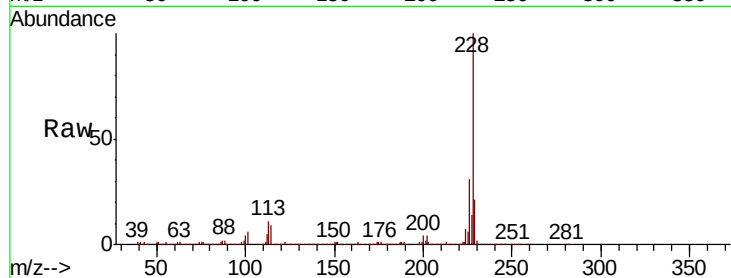




#83
 Chrysene
 Concen: 65.204 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

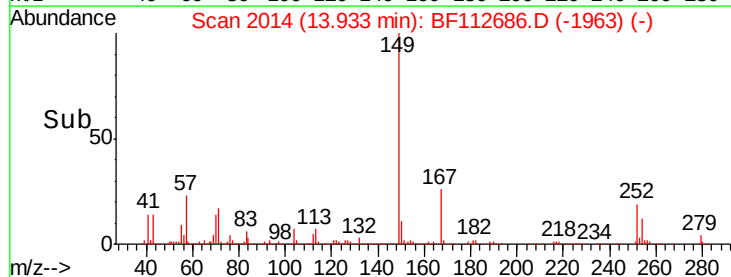
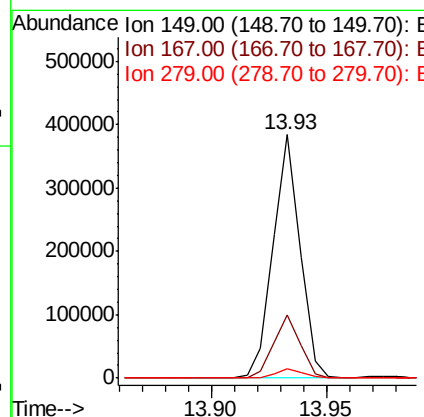
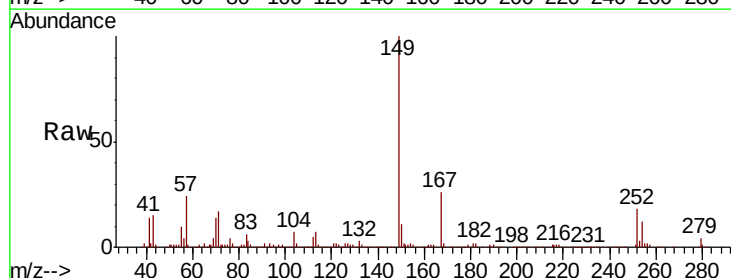
Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

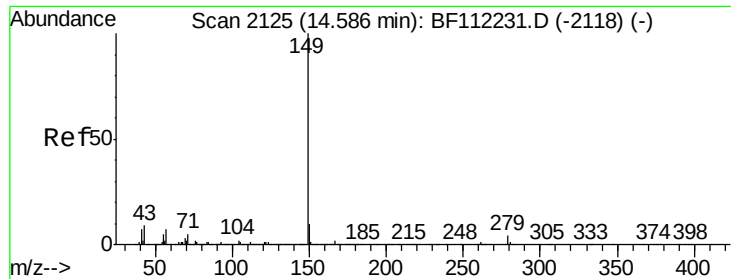
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.9	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.909 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.5	33.7
279	4.0	3.8	5.6

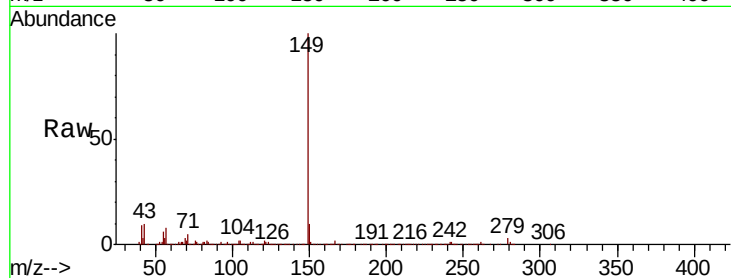




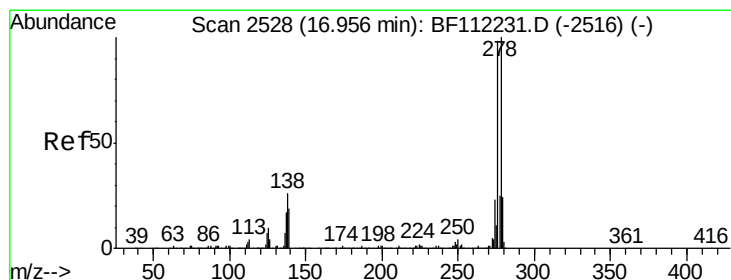
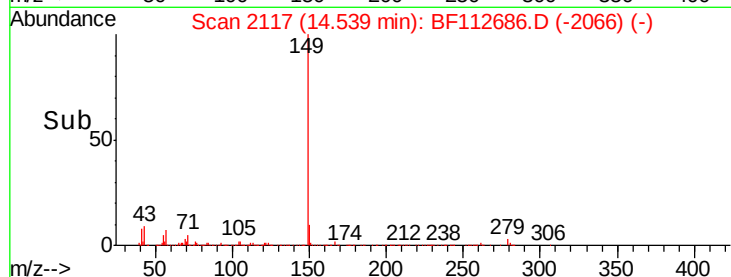
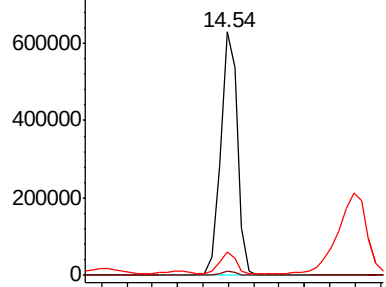
#85
Di-n-octyl phthalate
Concen: 43.529 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:149 Resp: 578882
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.8 11.6

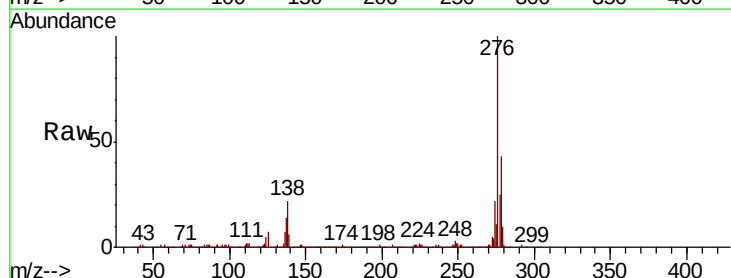


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

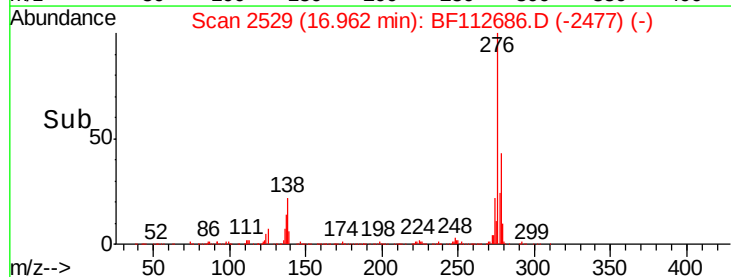
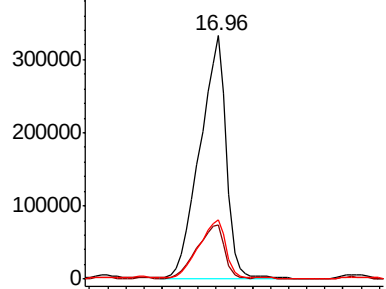


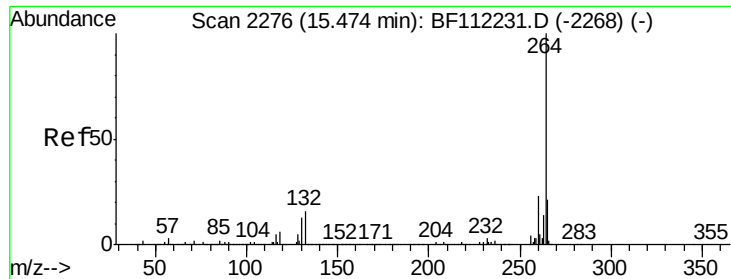
#86
Indeno(1,2,3-cd)pyrene
Concen: 83.484 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:276 Resp: 674798
Ion Ratio Lower Upper
276 100
138 23.0 22.6 34.0
277 24.1 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

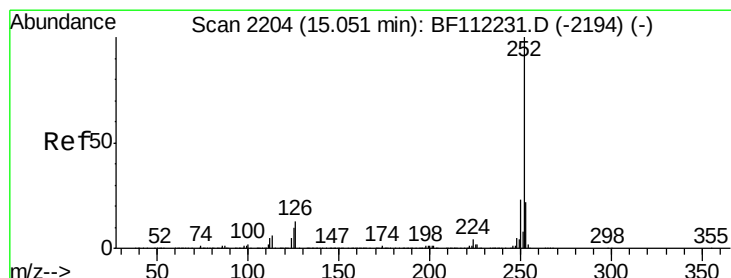
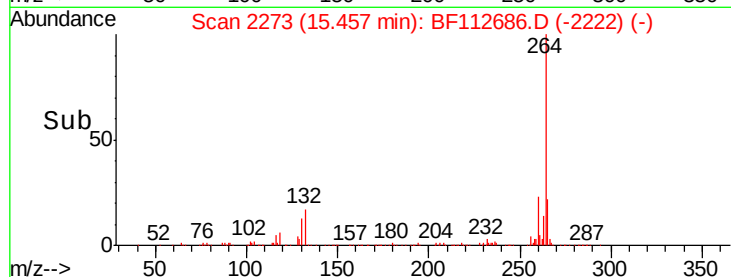
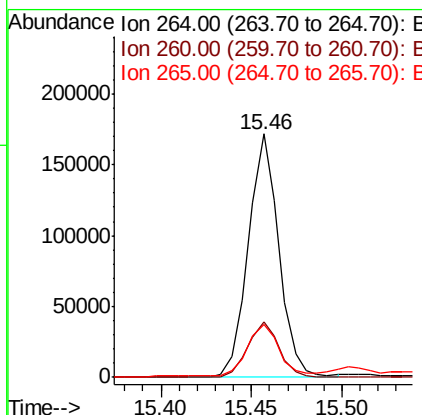
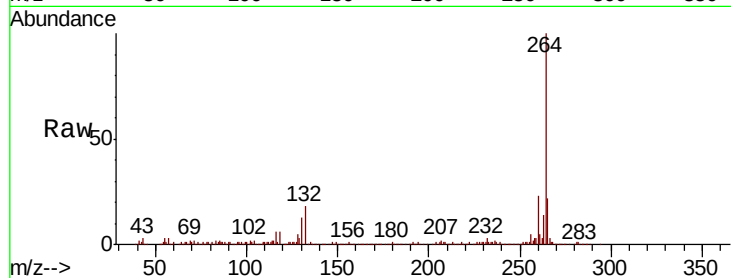




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

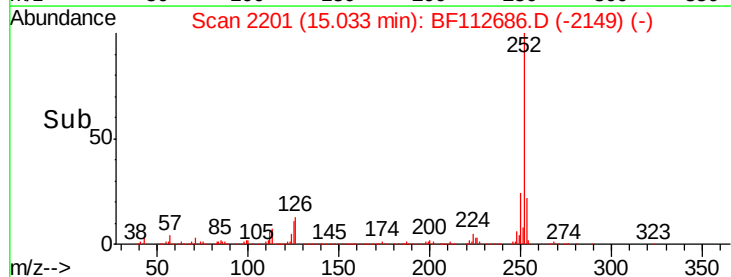
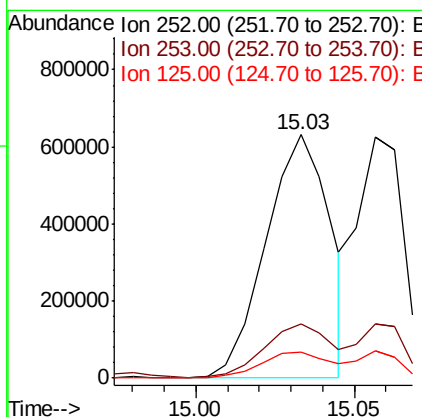
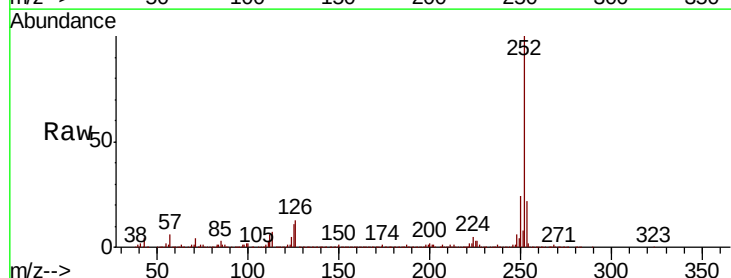
Instrument :
BNA_F
ClientSampleId :
COMPMS

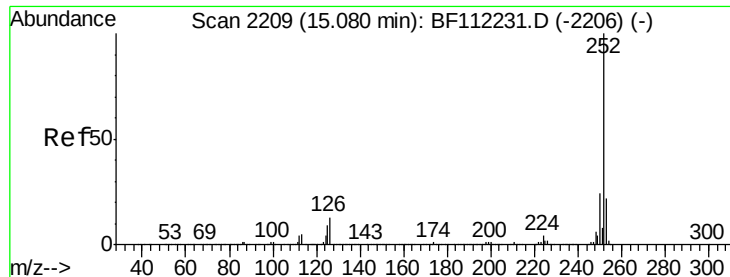
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	22.0	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 73.760 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.9	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 55.335 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

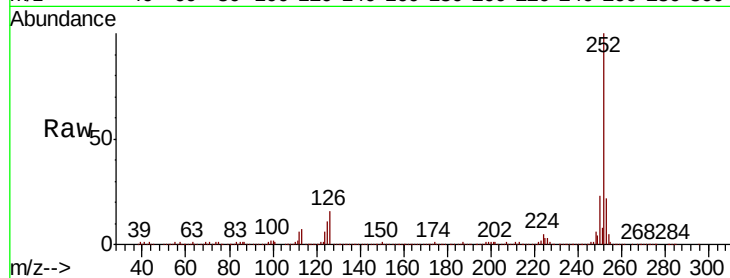
Tot Ion:252 Resp: 635657

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

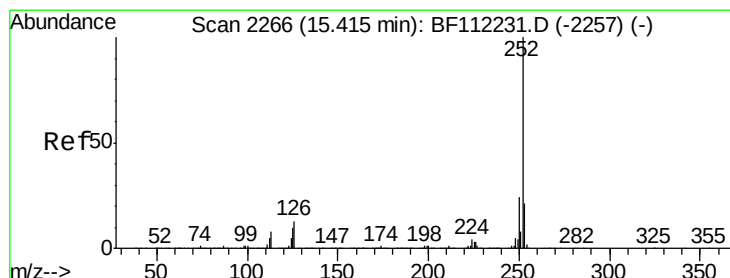
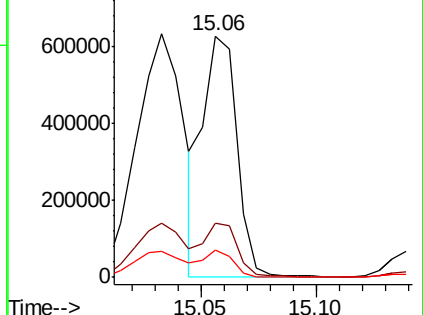
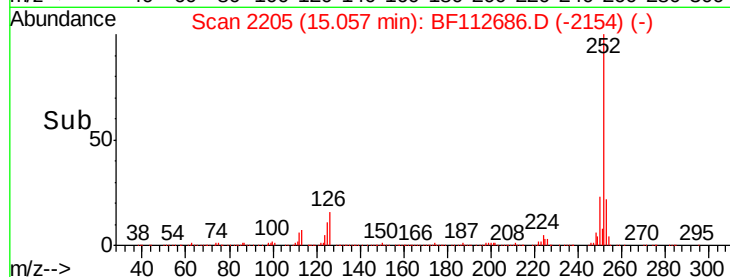
125 11.1 9.1 13.7



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: 73.207 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

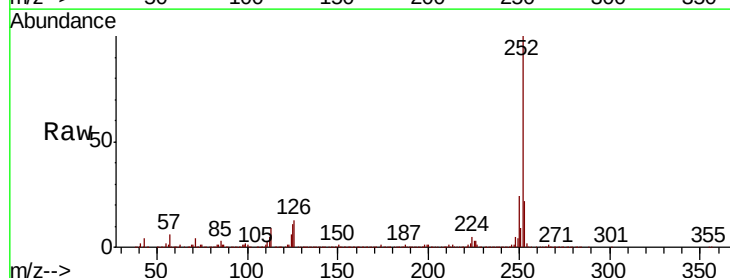
Tgt Ion:252 Resp: 789979

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

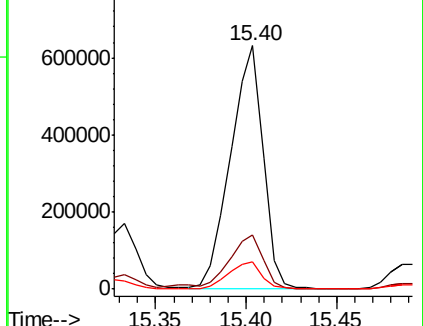
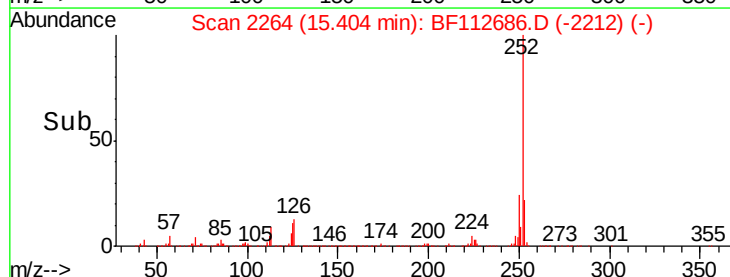
125 11.1 9.0 13.4

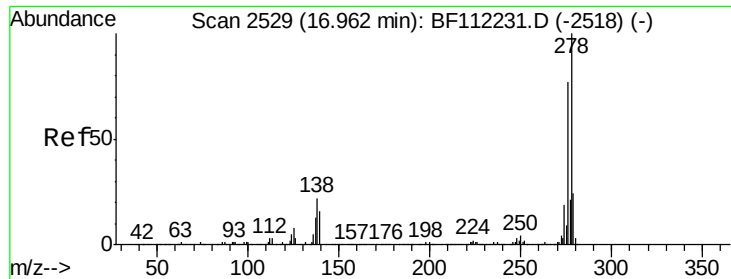


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.845 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

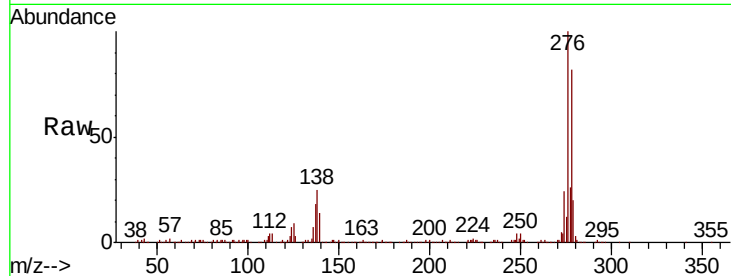
Tot Ion:278 Resp: 442204

Ion Ratio Lower Upper

278 100

139 16.9 13.7 20.5

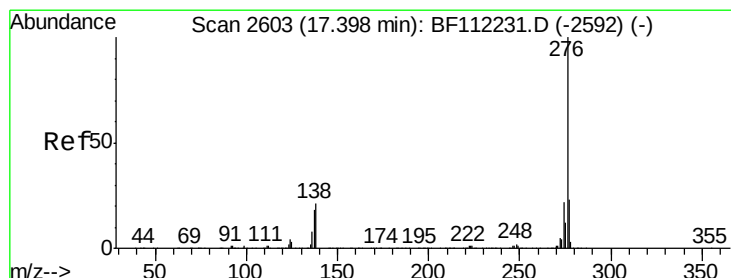
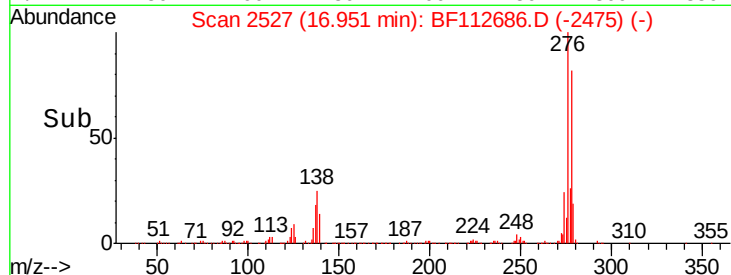
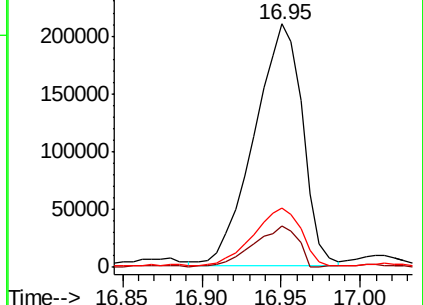
279 24.2 19.0 28.6



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(g,h,i)perylene

Concen: 65.927 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

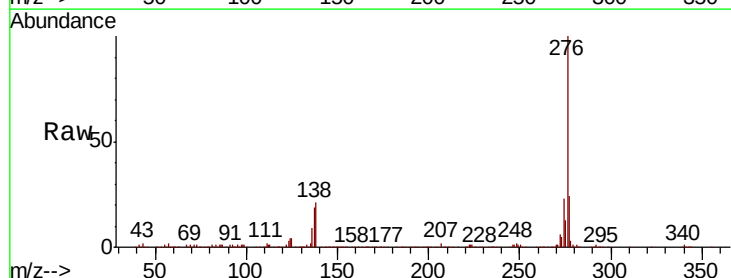
Tgt Ion:276 Resp: 540949

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 20.9 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

