

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111813.D
 Acq On : 2 Jan 2019 17:04
 Operator : JU/SJ
 Sample : IDOC-04
 Misc : BN-W-FE
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 03:22:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149146	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	556129	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	290799	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	552011	20.00	ng	0.01
76) Chrysene-d12	14.07	240	362262	20.00	ng	0.02
87) Perylene-d12	15.55	264	358678	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	537041	61.38	ng	0.02
7) Phenol-d6	6.54	99	434182	38.99	ng	0.02
23) Nitrobenzene-d5	7.46	82	970574	101.59	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	495310	144.15	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1793357	89.89	ng	0.00
79) Terphenyl-d14	13.01	244	1953068	102.24	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	57144	13.881	ng	# 94
3) Pyridine	3.48	79	129068	12.034	ng	98
4) n-Nitrosodimethylamine	3.41	42	92208	17.567	ng	85
6) Aniline	6.56	93	350665	24.704	ng	99
8) 2-Chlorophenol	6.70	128	346986	35.799	ng	95
9) Benzaldehyde	6.45	77	205658	26.853	ng	96
10) Phenol	6.56	94	168225	13.389	ng	# 30
11) bis(2-Chloroethyl)ether	6.63	93	392742	41.714	ng	97
12) 1,3-Dichlorobenzene	6.85	146	398958	35.517	ng	98
13) 1,4-Dichlorobenzene	6.92	146	411277	36.102	ng	96
14) 1,2-Dichlorobenzene	7.07	146	394876	37.152	ng	98
15) Benzyl Alcohol	7.04	79	246968	27.925	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	659780	38.049	ng	87
17) 2-Methylphenol	7.16	107	227049	29.254	ng	# 90
18) Hexachloroethane	7.42	117	139501	36.339	ng	# 88
19) n-Nitroso-di-n-propylamine	7.31	70	312638	42.275	ng	96
20) 3+4-Methylphenols	7.31	107	255650	26.069	ng	# 54
22) Acetophenone	7.30	105	600414	42.616	ng	# 89
24) Nitrobenzene	7.48	77	462193	46.156	ng	98
25) Isophorone	7.72	82	829800	48.923	ng	99
26) 2-Nitrophenol	7.80	139	221175	54.460	ng	# 94
27) 2,4-Dimethylphenol	7.84	122	325773	40.692	ng	93
28) bis(2-Chloroethoxy)methane	7.93	93	516868	45.794	ng	97
29) 2,4-Dichlorophenol	8.05	162	358568	41.641	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	384872	40.109	ng	98
31) Naphthalene	8.21	128	1196019	44.759	ng	97
32) Benzoic acid	7.92	122	36145	6.828	ng	99
33) 4-Chloroaniline	8.25	127	401505	34.764	ng	99
34) Hexachlorobutadiene	8.33	225	224355	38.363	ng	97
35) Caprolactam	8.61	113	17038	5.839	ng	# 82
36) 4-Chloro-3-methylphenol	8.73	107	332009	39.224	ng	100
37) 2-Methylnaphthalene	8.90	142	844721	48.589	ng	98
38) 1-Methylnaphthalene	9.00	142	810421	48.538	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	411497	43.063	ng	98

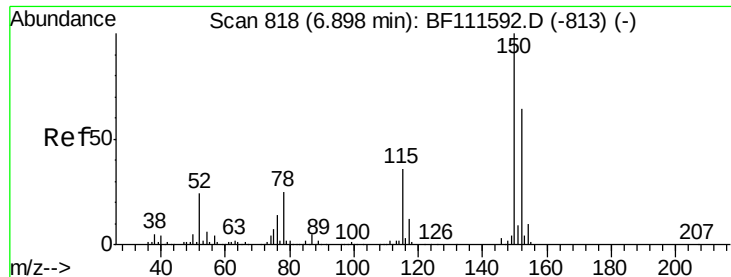
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111813.D
 Acq On : 2 Jan 2019 17:04
 Operator : JU/SJ
 Sample : IDOC-04
 Misc : BN-W-FE
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 03:22:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	498625	107.532	ng	100
43) 2,4,6-Trichlorophenol	9.18	196	275631	43.203	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	289196	44.186	ng	94
46) 1,1'-Biphenyl	9.36	154	1064939	43.382	ng	95
47) 2-Chloronaphthalene	9.39	162	835669	42.967	ng	95
48) 2-Nitroaniline	9.48	65	262026	51.787	ng	94
49) Acenaphthylene	9.80	152	1330557	46.856	ng	96
50) Dimethylphthalate	9.66	163	1021321	48.028	ng	99
51) 2,6-Dinitrotoluene	9.72	165	229597	54.147	ng	98
52) Acenaphthene	9.97	154	866360	49.467	ng	99
53) 3-Nitroaniline	9.89	138	187645	41.494	ng	89
54) 2,4-Dinitrophenol	10.00	184	160249	114.311	ng	87
55) Dibenzofuran	10.15	168	1211553	45.788	ng	94
56) 4-Nitrophenol	10.06	139	111778	32.388	ng	90
57) 2,4-Dinitrotoluene	10.12	165	305916	60.028	ng	97
58) Fluorene	10.49	166	938952	49.245	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	256290	46.530	ng	# 89
60) Diethylphthalate	10.36	149	995481	47.722	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	479031	45.474	ng	94
62) 4-Nitroaniline	10.50	138	211016	48.010	ng	90
63) Azobenzene	10.64	77	926860	44.259	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	124222	53.550	ng	85
66) n-Nitrosodiphenylamine	10.60	169	835558	45.092	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	314852	45.986	ng	96
68) Hexachlorobenzene	11.05	284	343249	44.964	ng	95
69) Atrazine	11.13	200	287190	44.613	ng	95
70) Pentachlorophenol	11.24	266	304679	64.559	ng	97
71) Phenanthrene	11.46	178	1397344	47.731	ng	94
72) Anthracene	11.50	178	1443046	49.109	ng	95
73) Carbazole	11.66	167	1205253	42.247	ng	95
74) Di-n-butylphthalate	11.98	149	1543544	48.256	ng	97
75) Fluoranthene	12.64	202	1334083	45.001	ng	96
77) Benzidine	12.75	184	536011	39.321	ng	96
78) Pyrene	12.87	202	1320480	51.617	ng	97
80) Butylbenzylphthalate	13.48	149	541198	51.899	ng	89
81) Benzo(a)anthracene	14.06	228	1023950	49.528	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	324031	39.668	ng	# 96
83) Chrysene	14.10	228	964378	47.461	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	728942	55.496	ng	# 99
85) Di-n-octyl phthalate	14.65	149	1087391	53.432	ng	94
86) Indeno(1,2,3-cd)pyrene	17.06	276	1140566	66.029	ng	# 88
88) Benzo(b)fluoranthene	15.12	252	985374	47.006	ng	# 97
89) Benzo(k)fluoranthene	15.12	252	985374	49.375	ng	97
90) Benzo(a)pyrene	15.49	252	932969	48.989	ng	# 94
91) Dibenzo(a,h)anthracene	17.08	278	944211	56.618	ng	# 91
92) Benzo(g,h,i)perylene	17.52	276	961245	59.028	ng	# 87

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

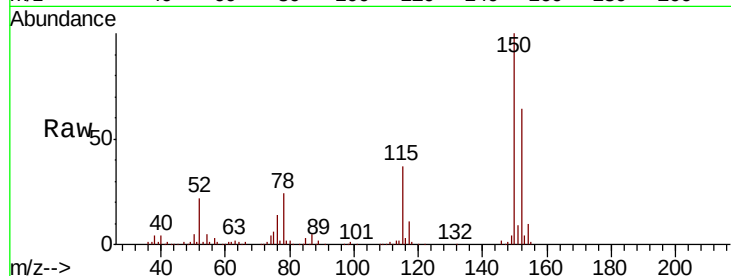


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	57.3	50.7	76.1

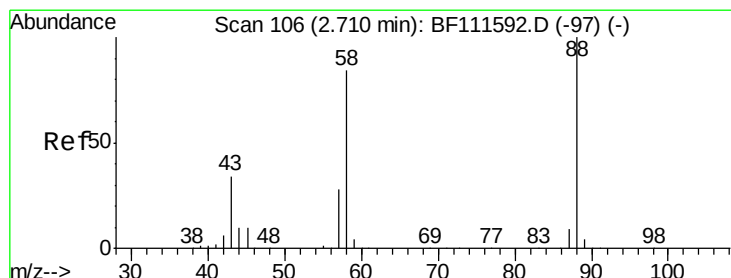
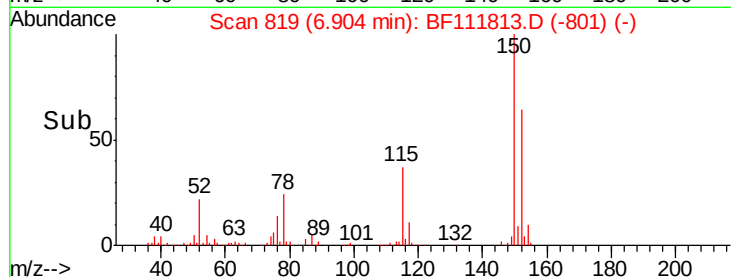
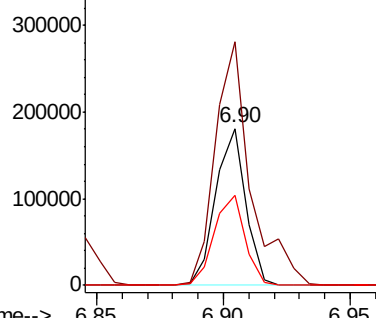


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

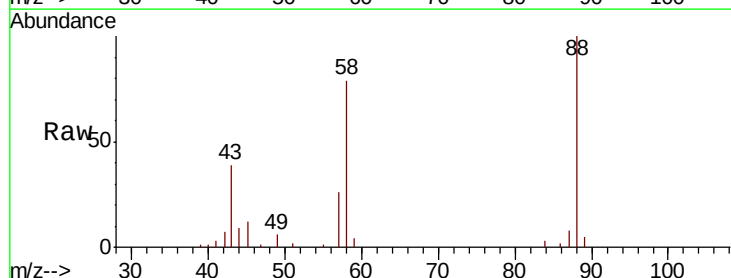
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 13.881 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.9	103.3
43	39.8	25.8	38.6

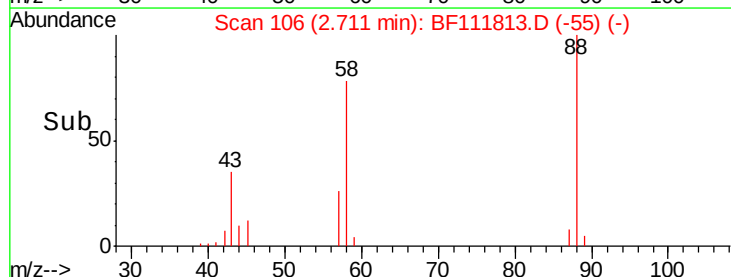
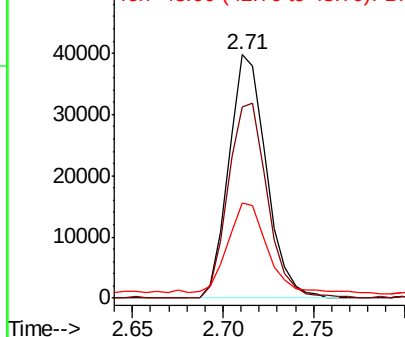


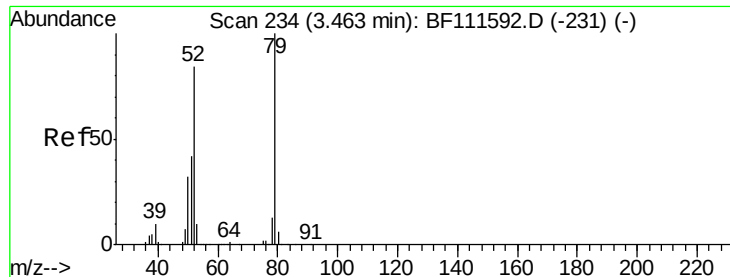
Abundance

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: 12.034 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

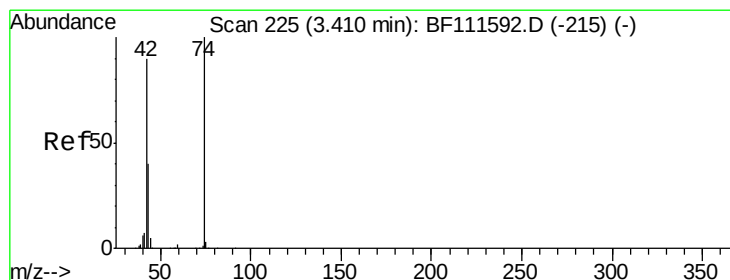
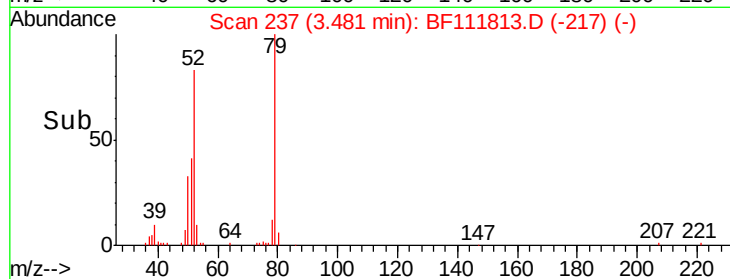
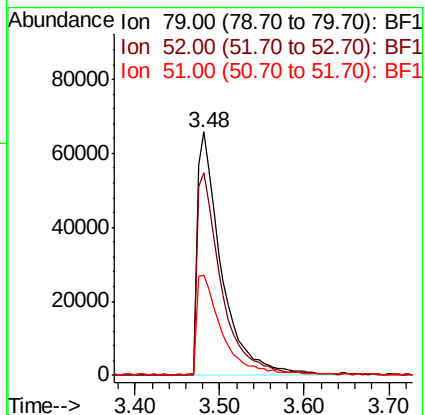
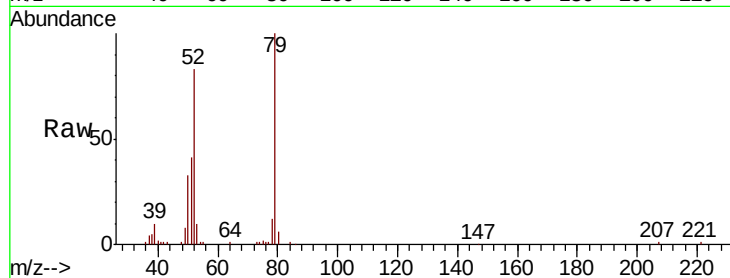
Tot Ion: 79 Resp: 129068

Ion Ratio Lower Upper

79 100

52 83.1 68.3 102.5

51 41.0 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 17.567 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.00 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

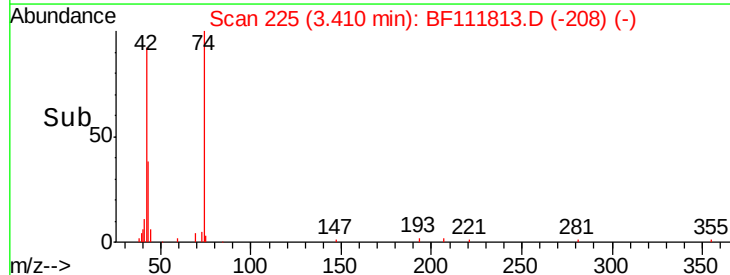
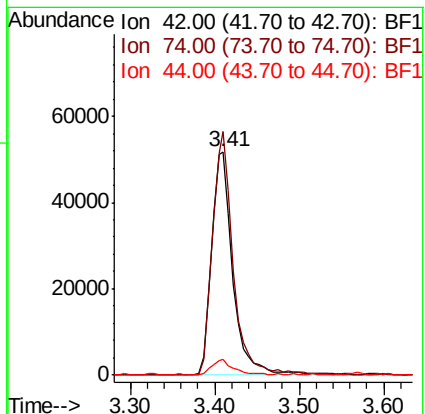
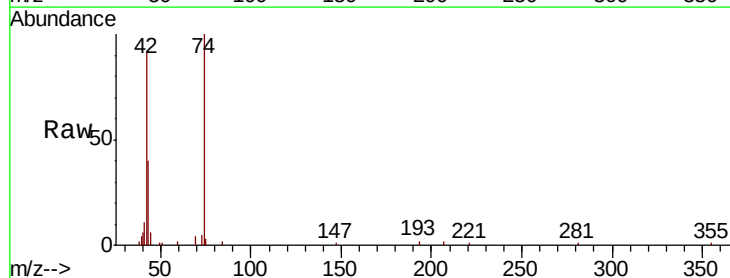
Tgt Ion: 42 Resp: 92208

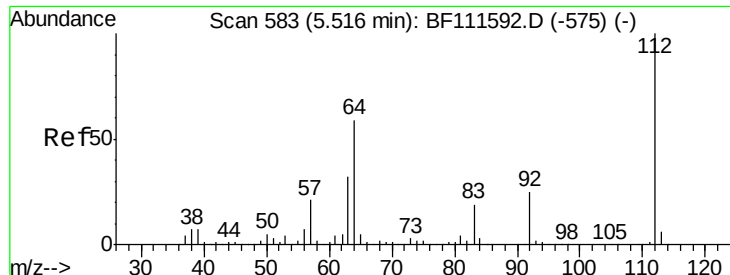
Ion Ratio Lower Upper

42 100

74 108.8 101.5 152.3

44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 61.376 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

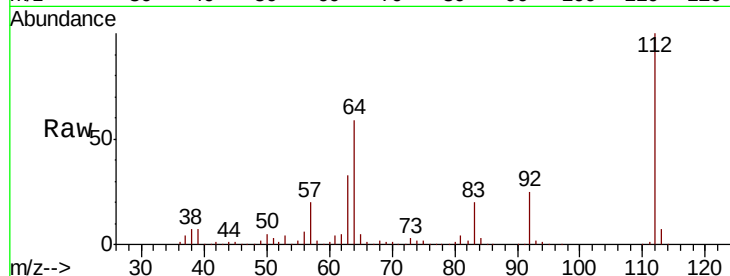
Tot Ion:112 Resp: 537041

Ion Ratio Lower Upper

112 100

64 59.3 51.8 77.6

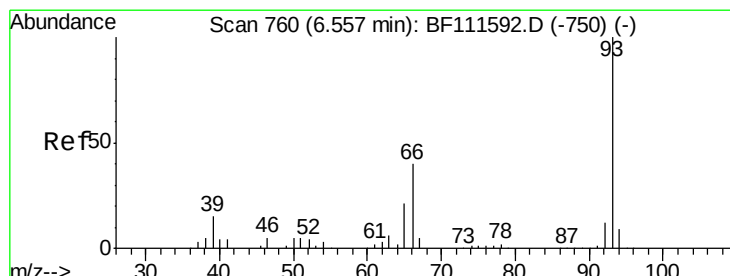
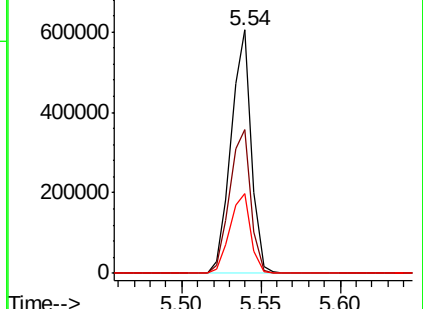
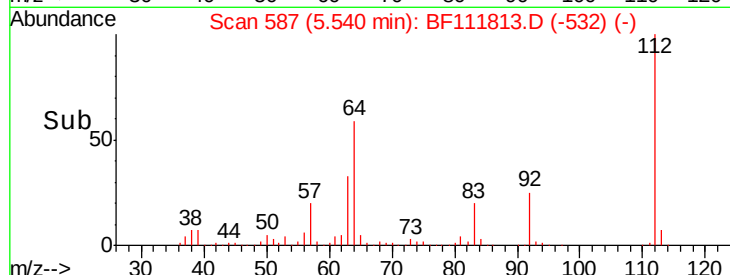
63 33.0 26.8 40.2



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: 24.704 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

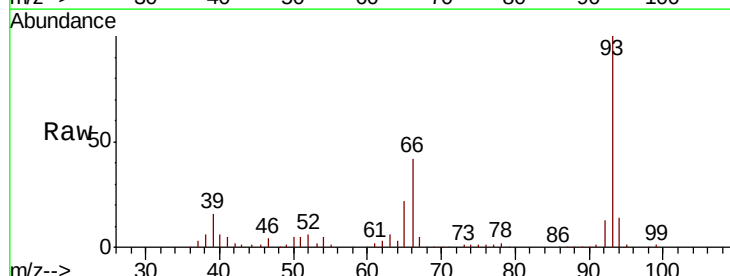
Tgt Ion: 93 Resp: 350665

Ion Ratio Lower Upper

93 100

66 41.7 33.2 49.8

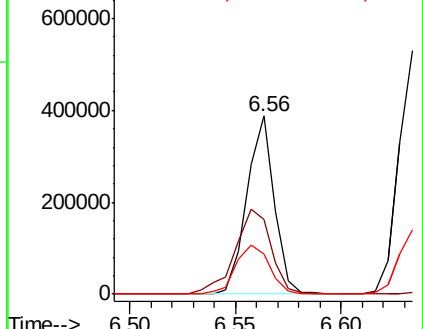
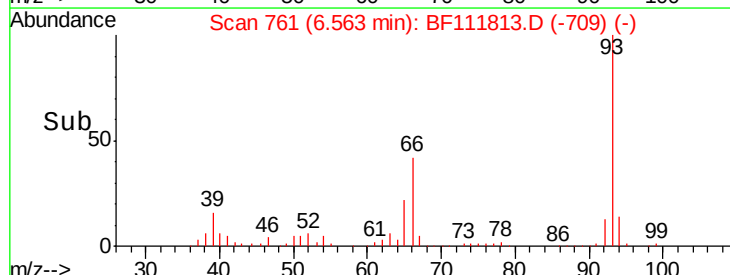
65 22.3 17.0 25.4

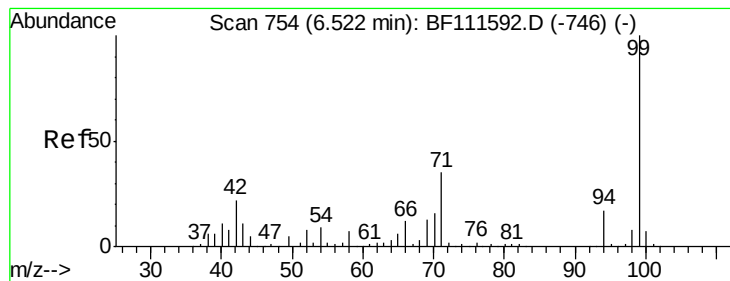


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.990 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

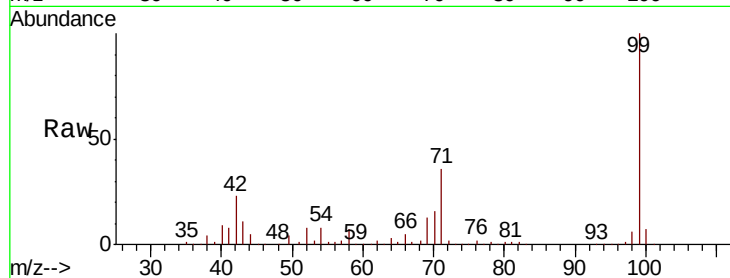
Tot Ion: 99 Resp: 434182

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

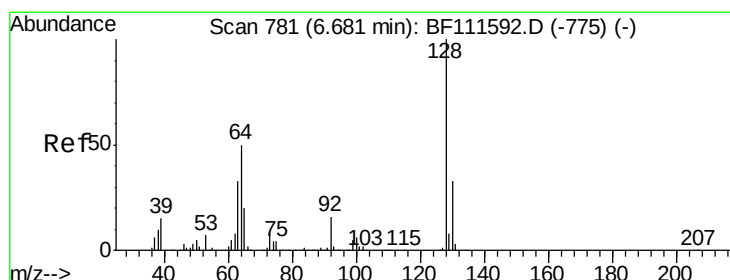
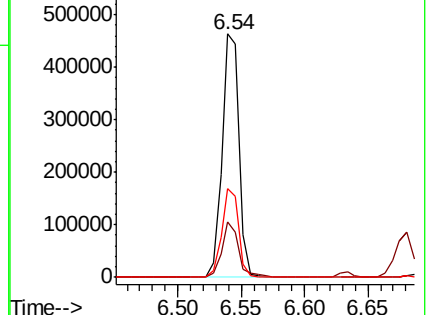
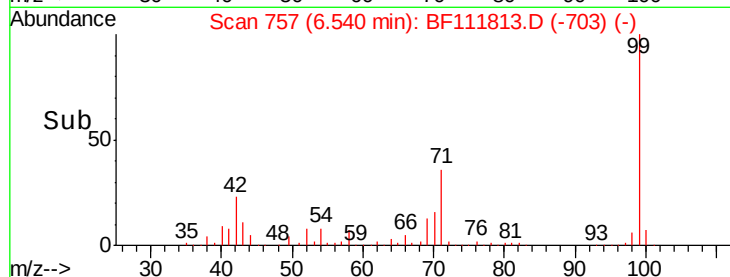
71 36.4 26.1 39.1



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: 35.799 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

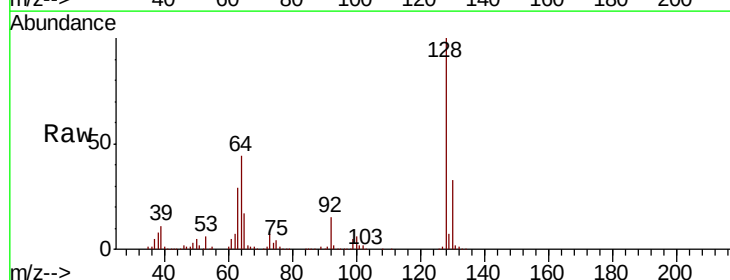
Tgt Ion:128 Resp: 346986

Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

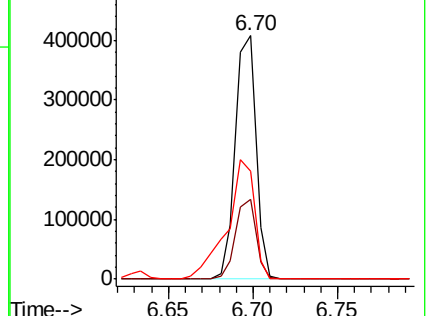
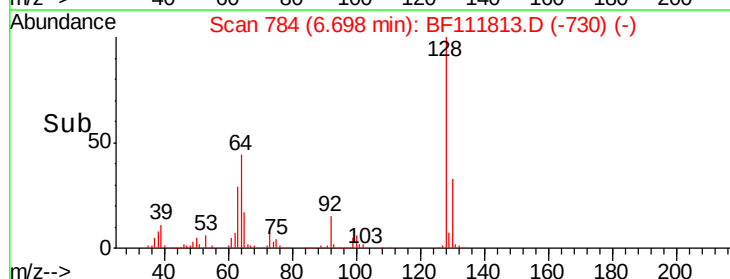
64 44.2 30.0 70.0

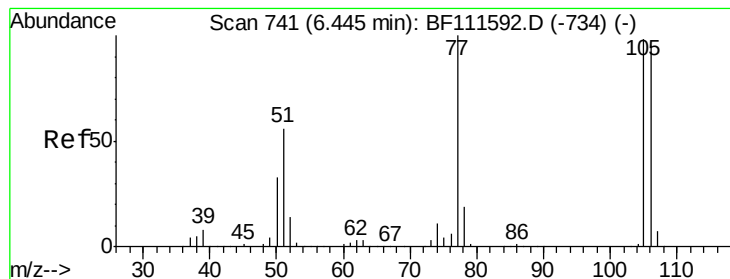


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.853 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampled :

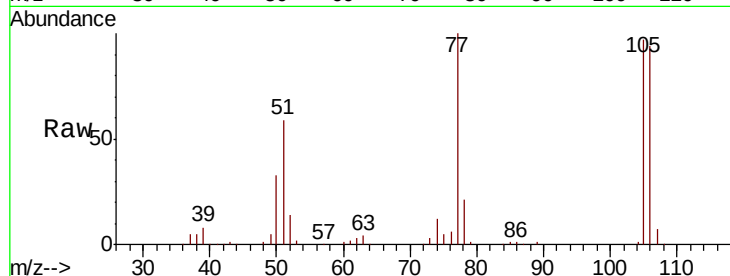
Tot Ion: 77 Resp: 205658

Ion Ratio Lower Upper

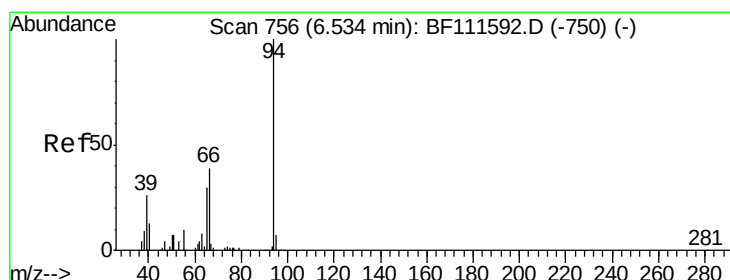
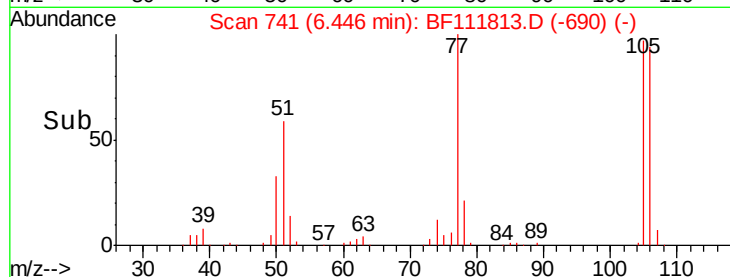
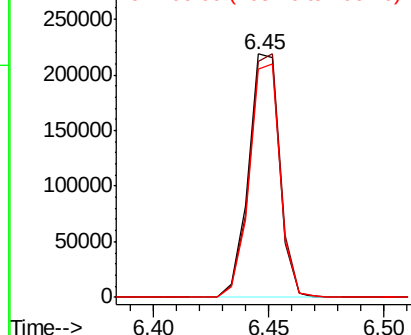
77 100

105 97.2 81.4 121.4

106 93.8 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 13.389 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

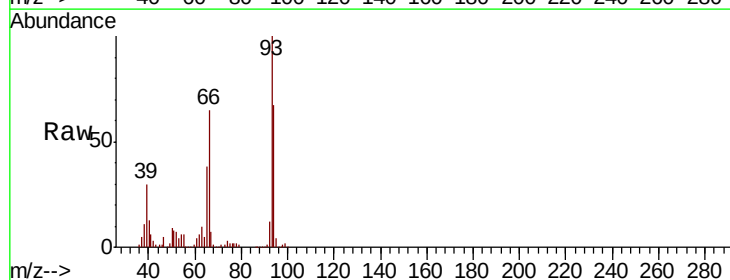
Tgt Ion: 94 Resp: 168225

Ion Ratio Lower Upper

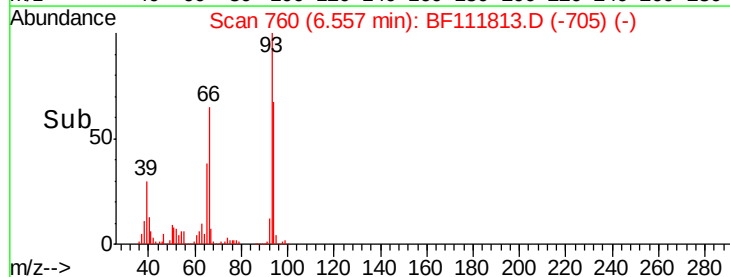
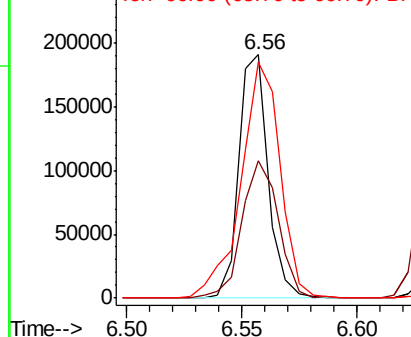
94 100

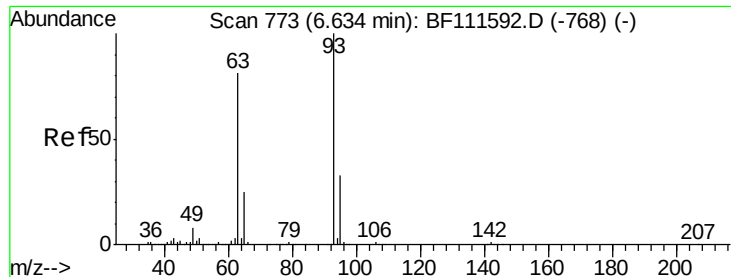
65 56.6 11.7 51.7#

66 96.9 21.0 61.0#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.714 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

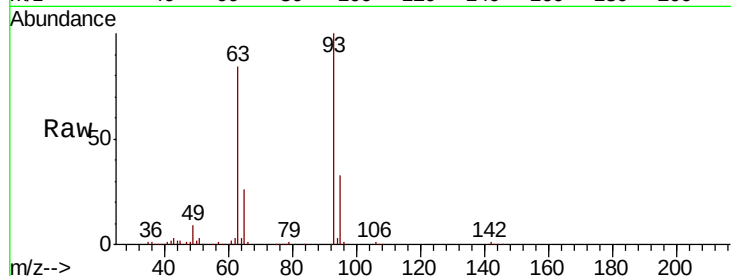
Tot Ion: 93 Resp: 392742

Ion Ratio Lower Upper

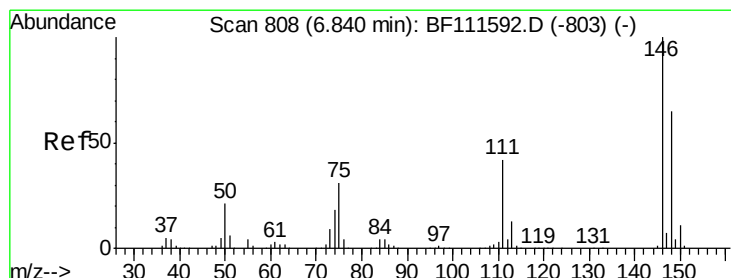
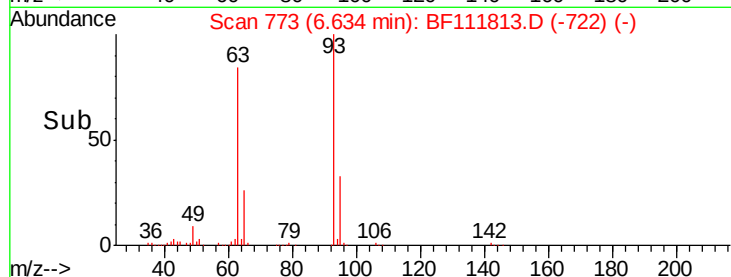
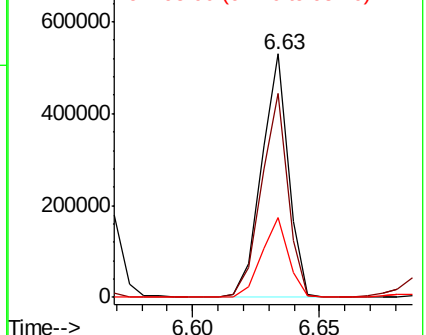
93 100

63 83.7 60.0 100.0

95 32.7 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: 35.517 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

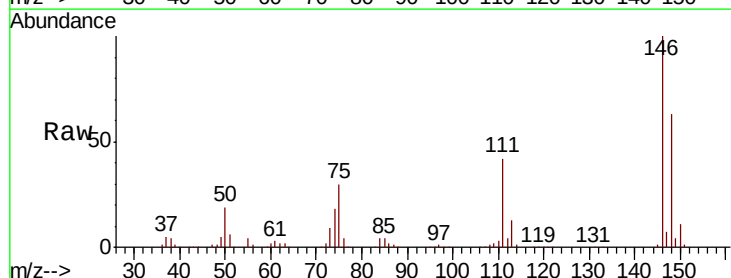
Tgt Ion: 146 Resp: 398958

Ion Ratio Lower Upper

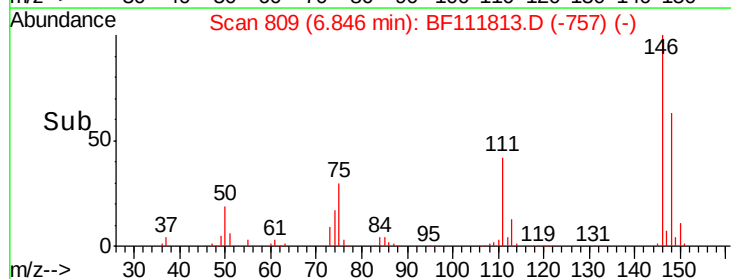
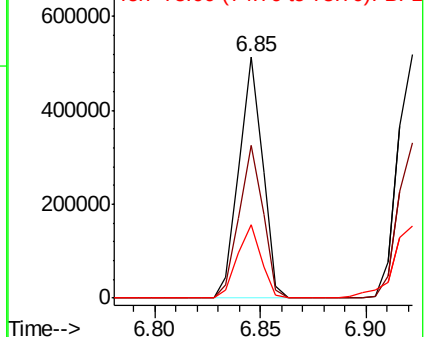
146 100

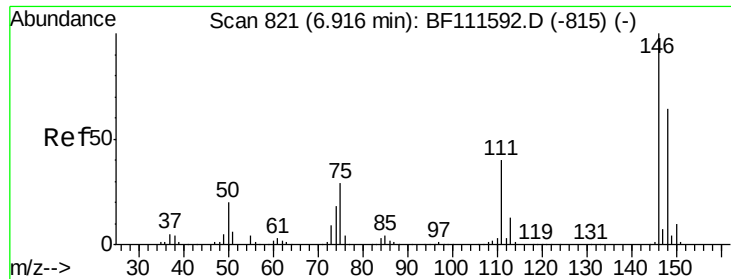
148 63.4 52.1 78.1

75 30.5 23.9 35.9



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

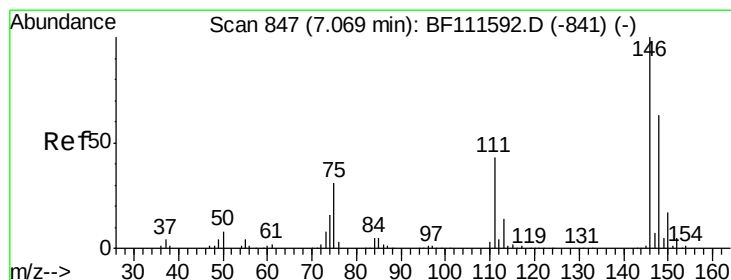
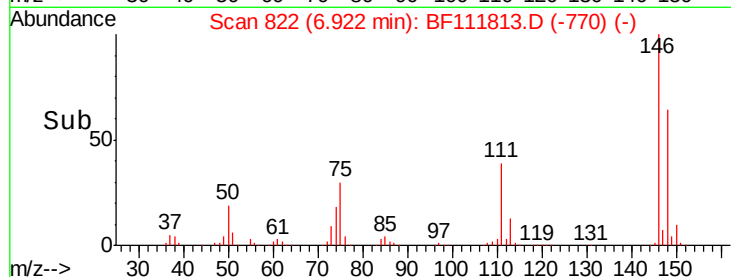
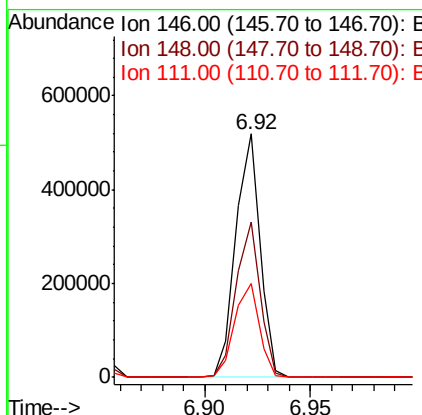
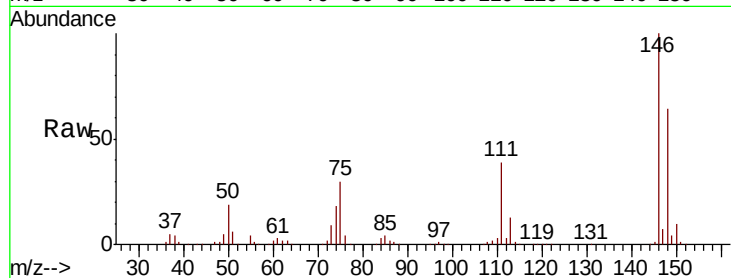




#13
 1,4-Dichlorobenzene
 Concen: 36.102 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

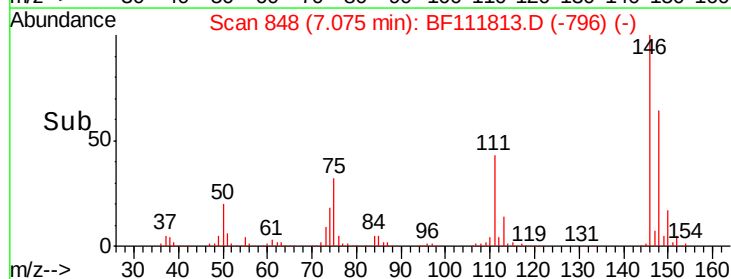
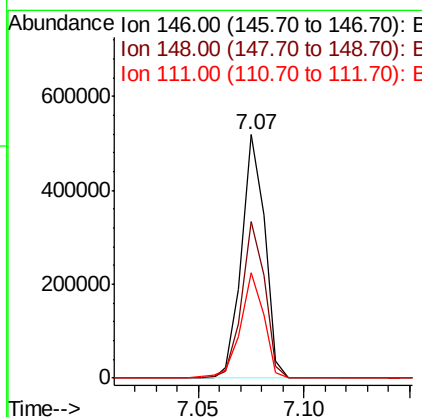
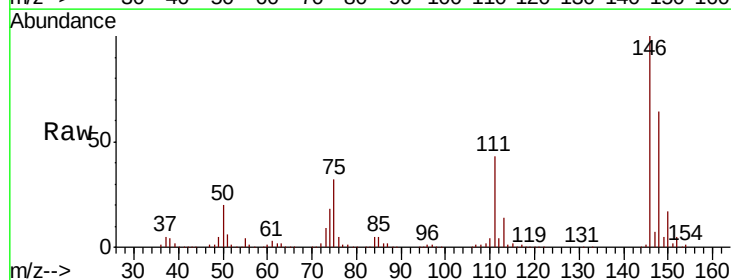
Instrument :
 BNA_F
 ClientSampleId :

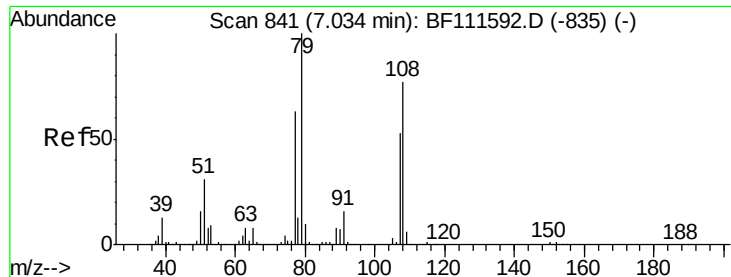
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.8	79.2
111	38.6	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 37.152 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	43.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 27.925 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

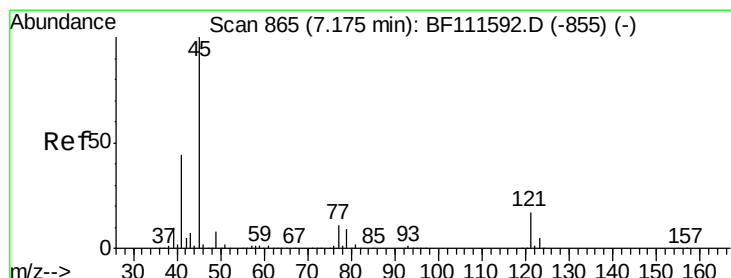
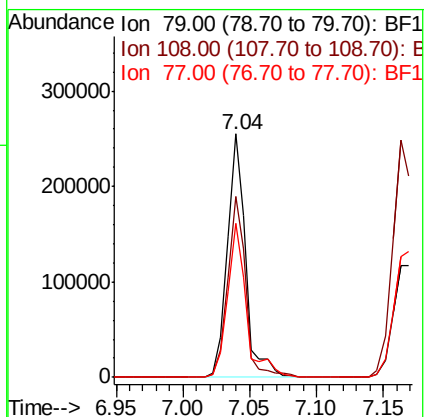
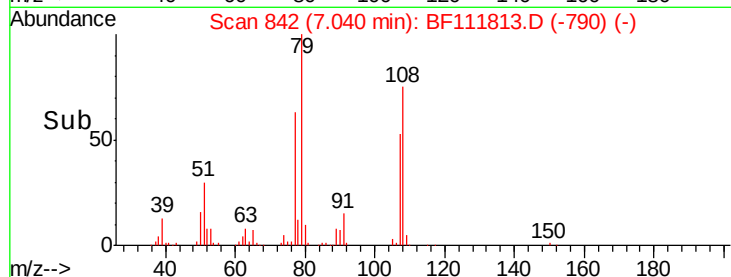
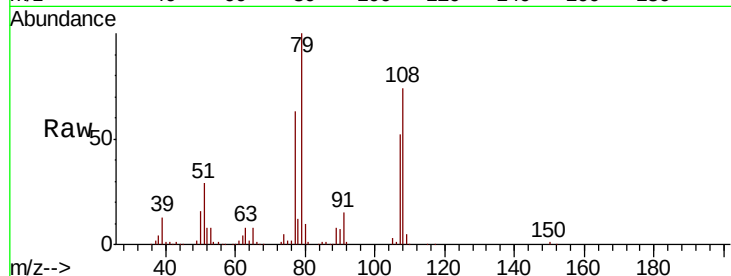
Tot Ion: 79 Resp: 246968

Ion Ratio Lower Upper

79 100

108 74.4 69.4 104.2

77 63.2 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.049 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

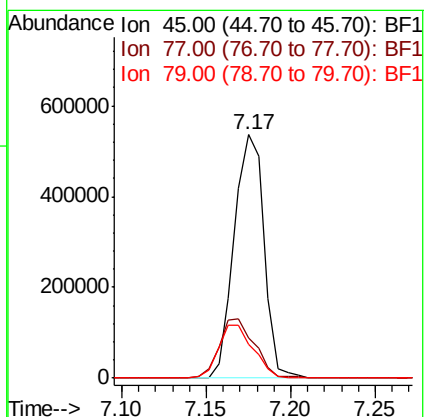
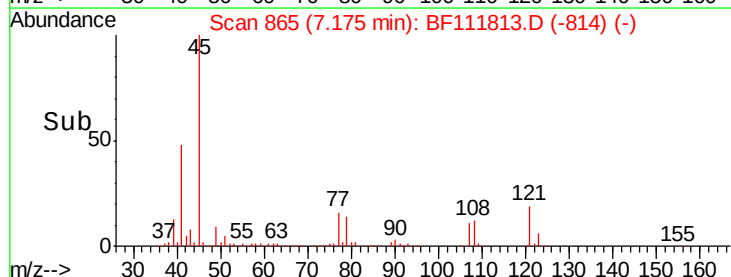
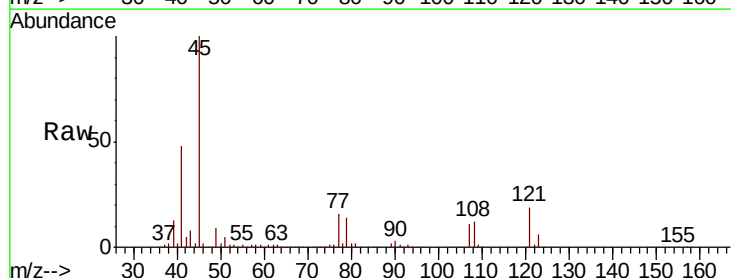
Tgt Ion: 45 Resp: 659780

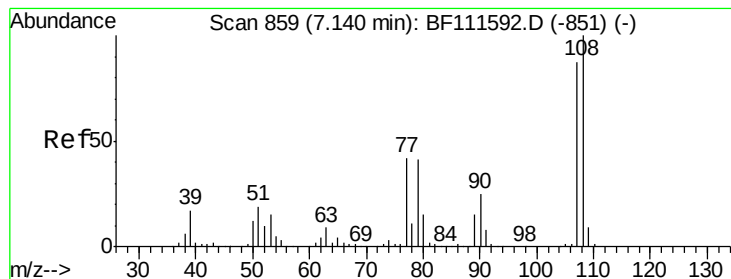
Ion Ratio Lower Upper

45 100

77 16.5 0.0 31.5

79 13.8 0.0 28.9

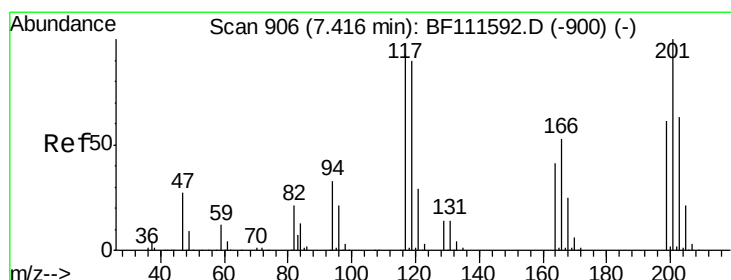
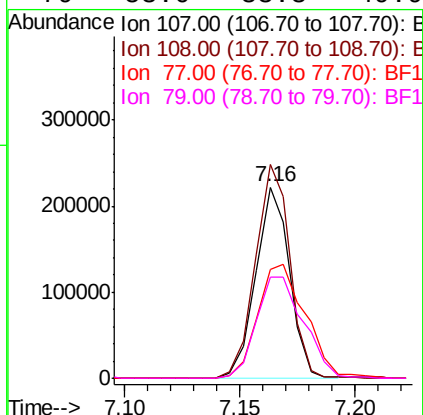
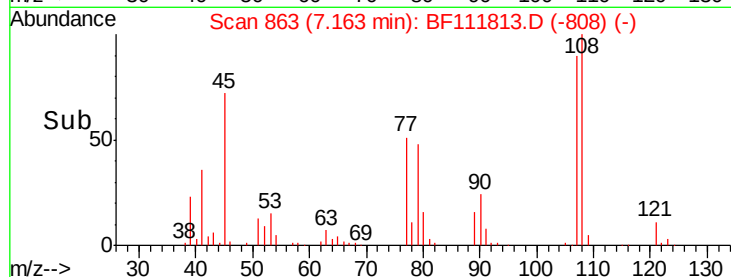
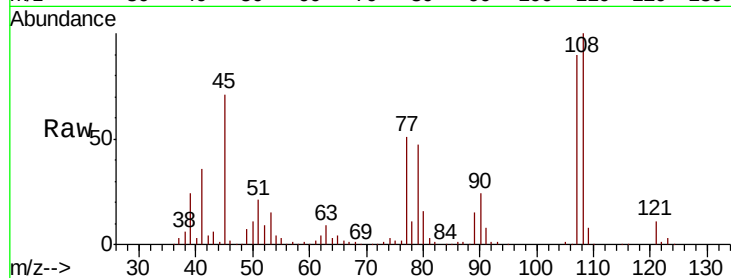




#17
2-Methylphenol
Concen: 29.254 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

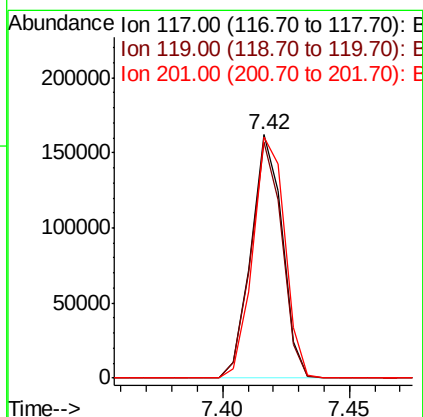
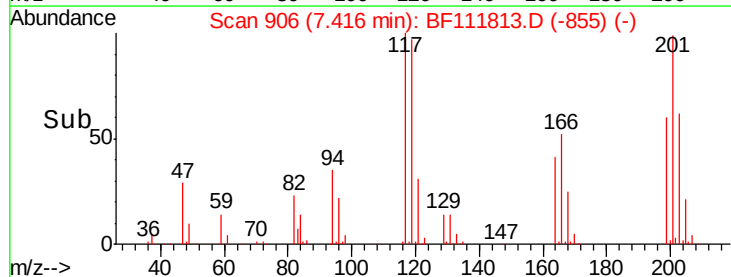
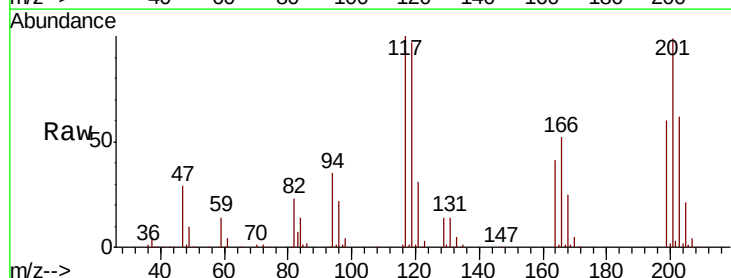
Instrument :
BNA_F
ClientSampleId :

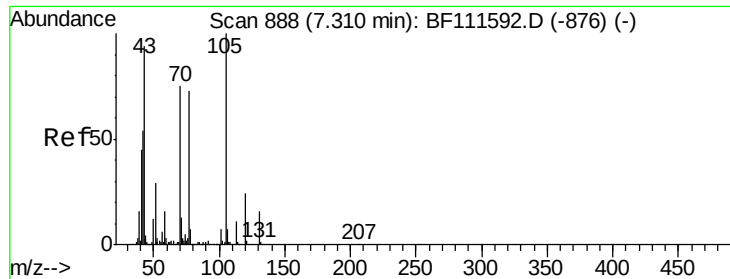
Tot Ion:107 Resp: 227049
Ion Ratio Lower Upper
107 100
108 111.6 91.0 136.4
77 56.9 33.5 50.3#
79 53.0 33.3 49.9#



#18
Hexachloroethane
Concen: 36.339 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:117 Resp: 139501
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0
201 99.0 62.4 93.6#

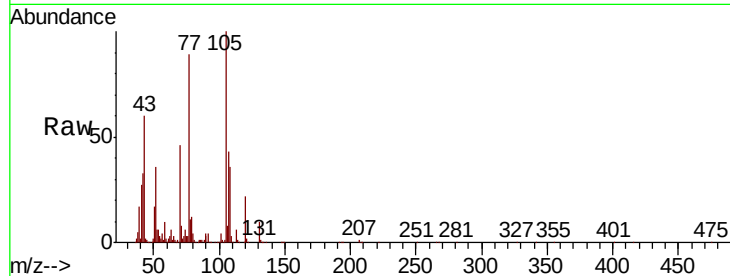




#19
n-Nitroso-di-n-propylamine
Concen: 42.275 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.7	53.2	79.8	
101	9.3	8.2	12.4	
130	21.3	18.1	27.1	



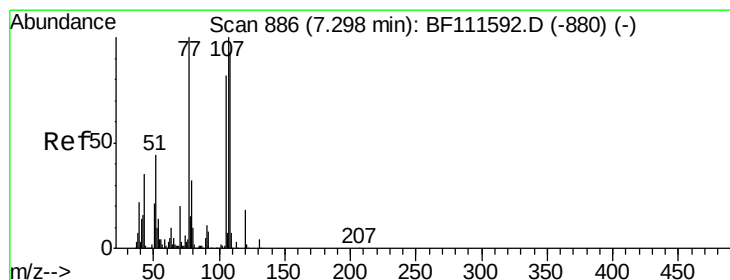
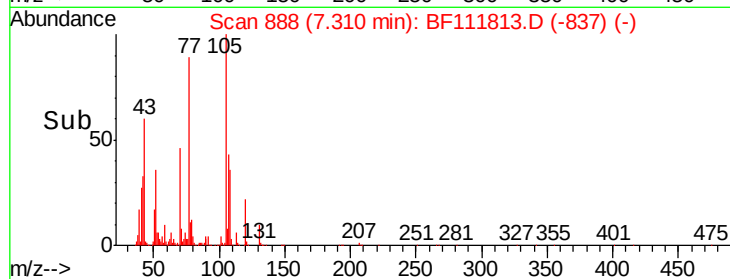
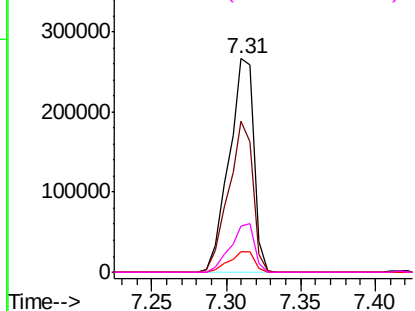
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 26.069 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.4	72.1	112.1	
77	210.2	94.1	134.1#	
79	29.3	9.8	49.8	

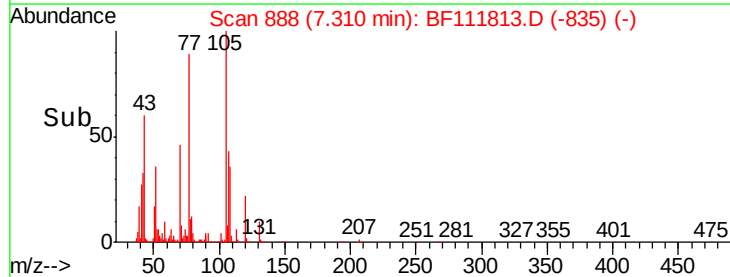
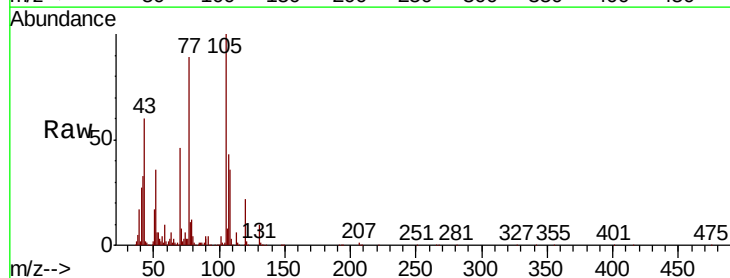
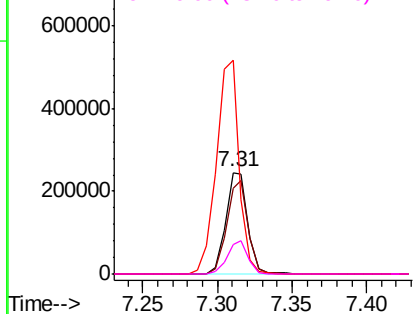
Abundance

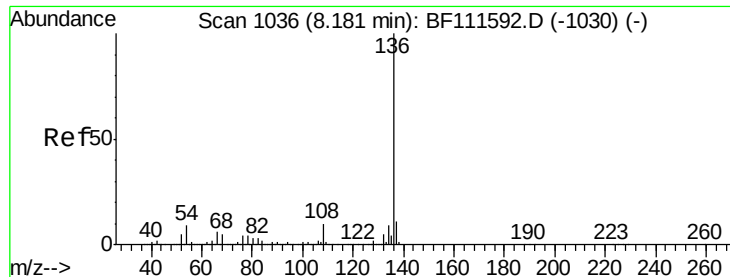
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 556129

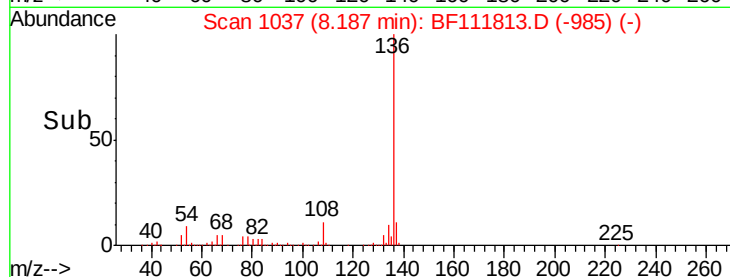
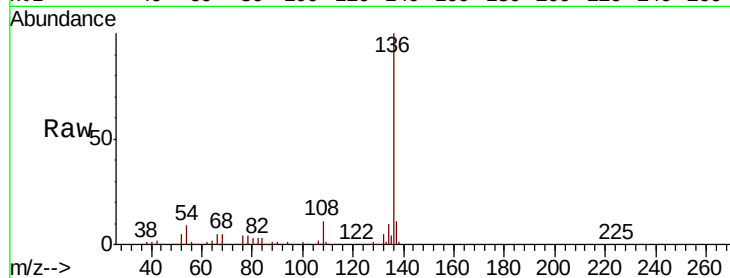
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.7 7.7 11.5

68 5.2 4.9 7.3

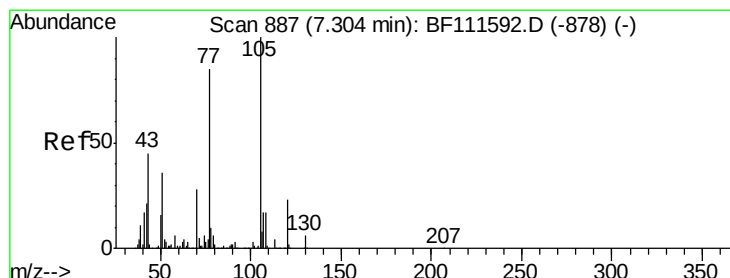
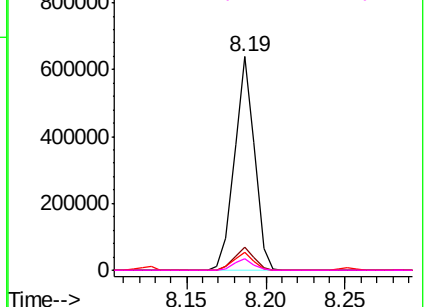


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.616 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Tgt Ion:105 Resp: 600414

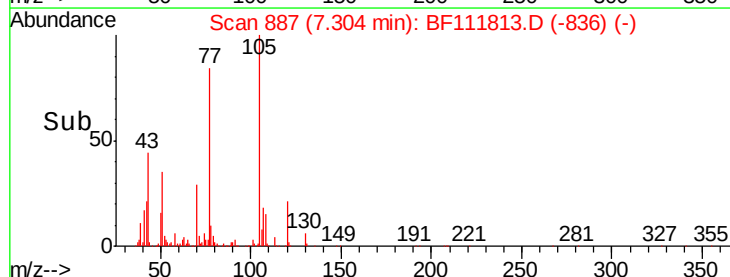
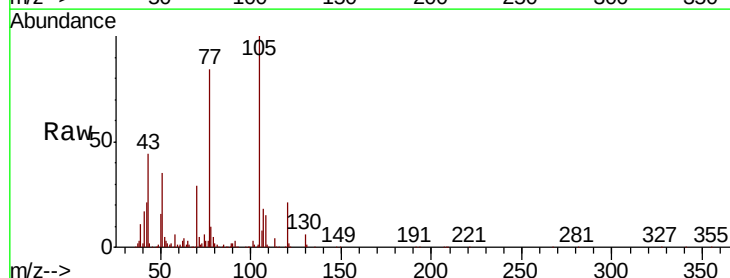
Ion Ratio Lower Upper

105 100

71 5.0 3.1 4.7#

51 35.3 36.6 54.8#

120 21.1 18.2 27.4

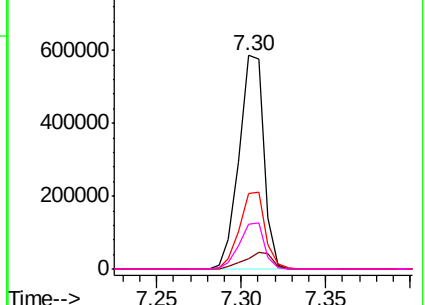


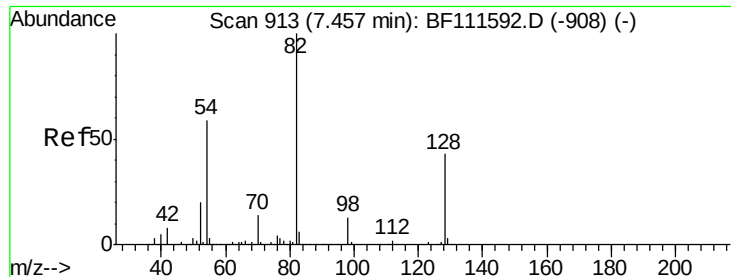
Abundance Ion 105.00 (104.70 to 105.70): E

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: 101.586 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampled :

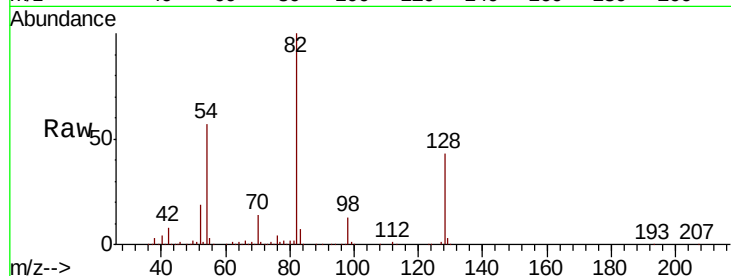
Tot Ion: 82 Resp: 970574

Ion Ratio Lower Upper

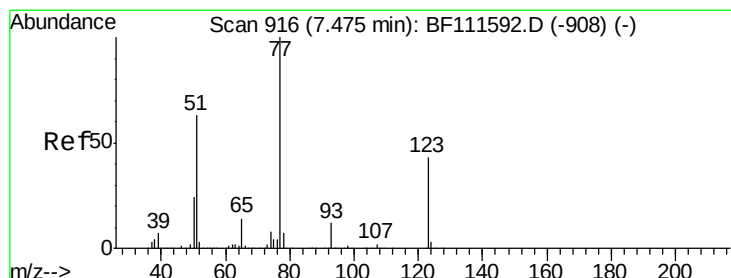
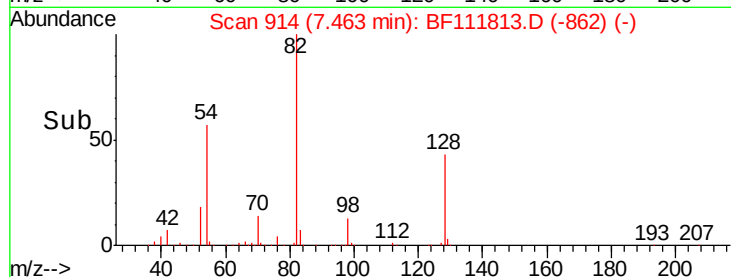
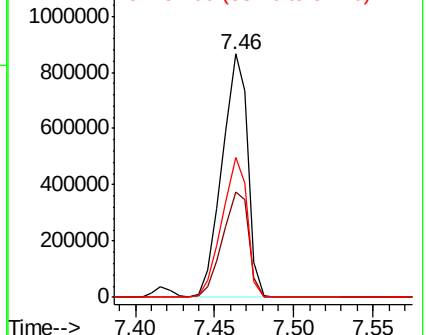
82 100

128 43.2 37.4 56.2

54 57.3 47.6 71.4



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: 46.156 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

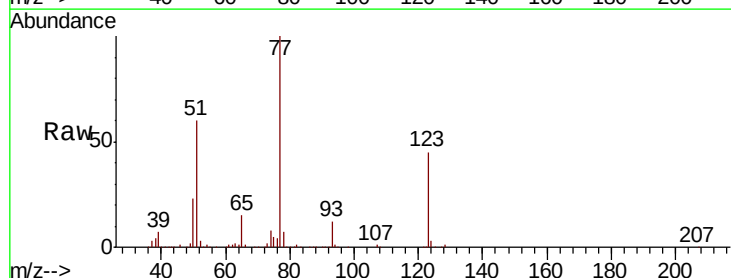
Tgt Ion: 77 Resp: 462193

Ion Ratio Lower Upper

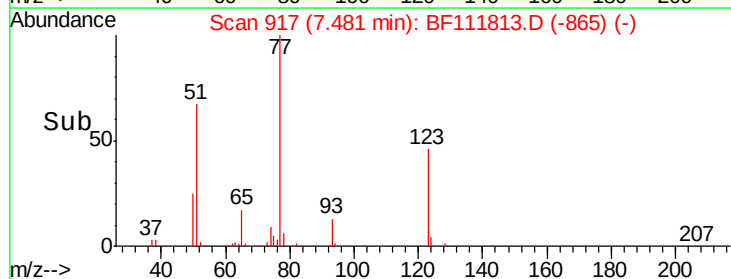
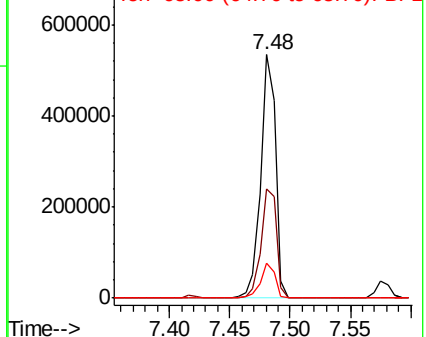
77 100

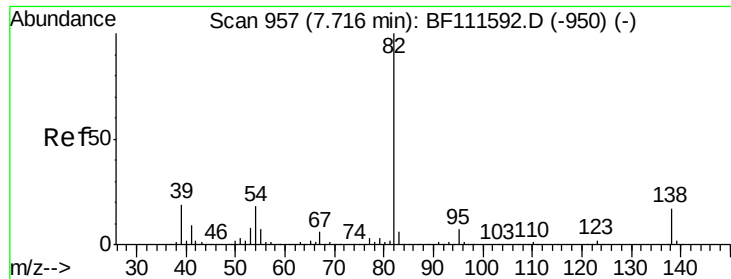
123 44.7 37.2 55.8

65 14.6 11.5 17.3



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

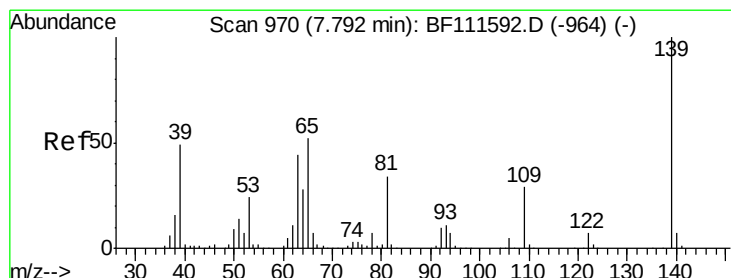
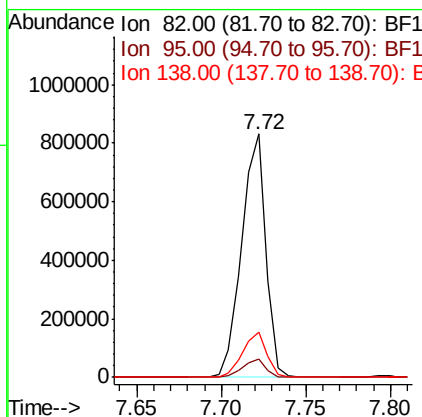
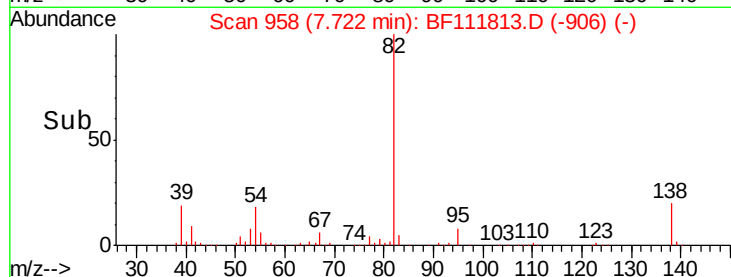
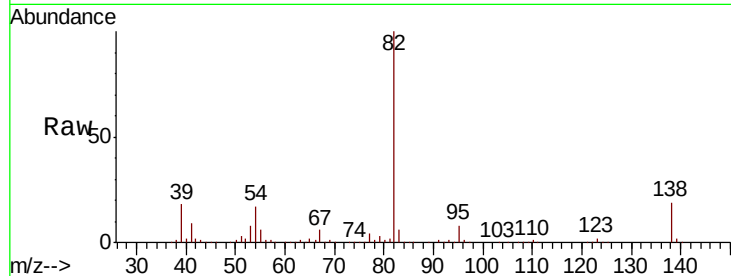




#25
Isophorone
Concen: 48.923 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

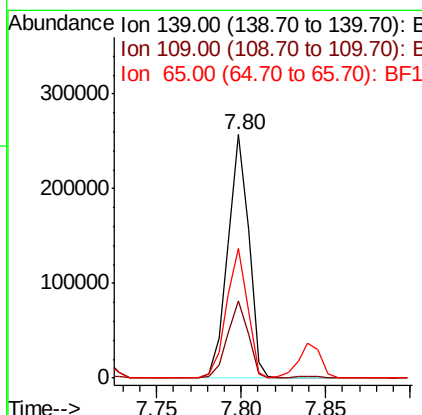
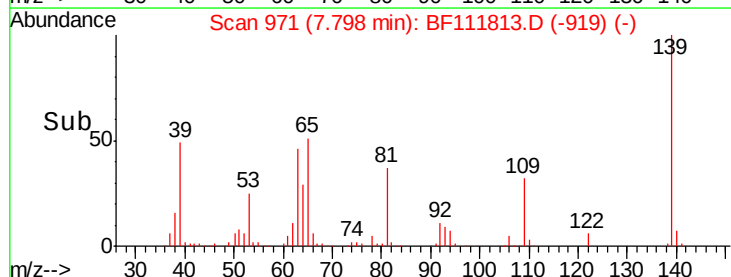
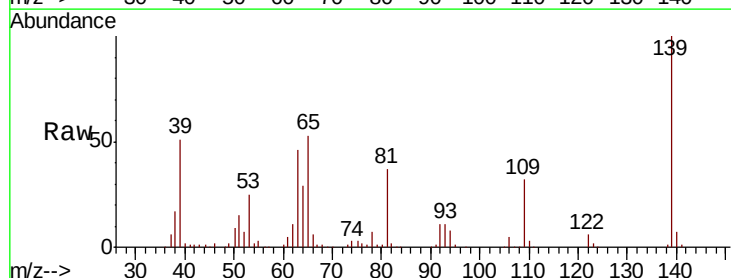
Instrument :
BNA_F
ClientSampleId :

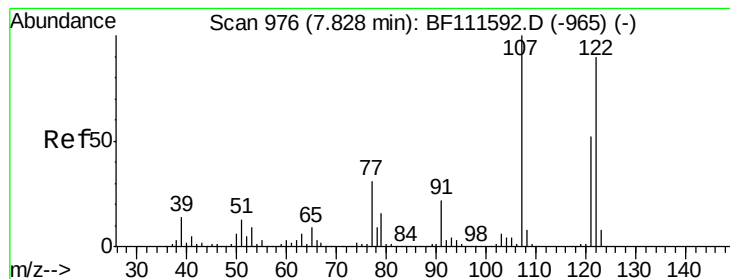
Tot Ion: 82 Resp: 829800
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 18.7 15.1 22.7



#26
2-Nitrophenol
Concen: 54.460 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion: 139 Resp: 221175
Ion Ratio Lower Upper
139 100
109 31.8 20.2 30.4#
65 53.0 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 40.692 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampled :

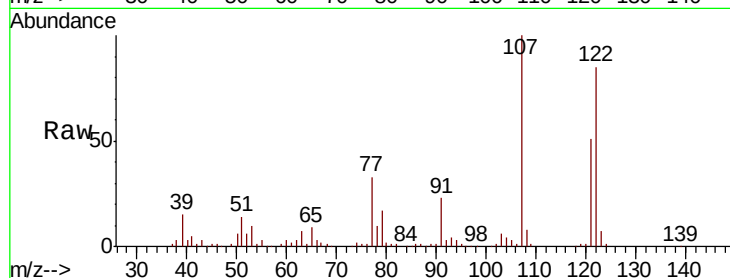
Tot Ion:122 Resp: 325773

Ion Ratio Lower Upper

122 100

107 117.4 85.5 128.3

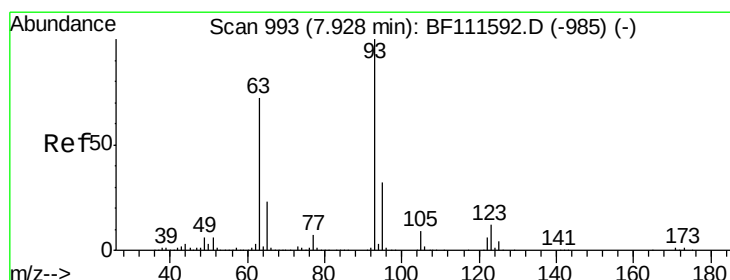
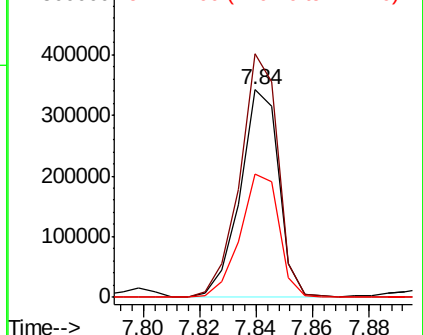
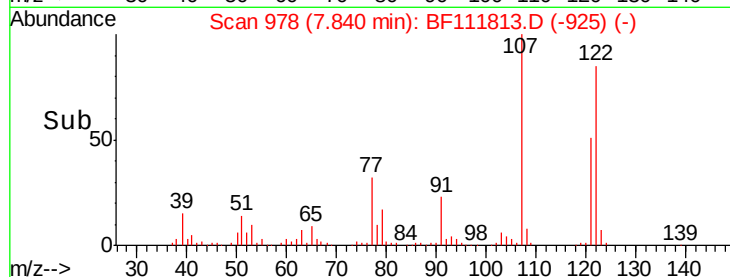
121 59.3 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.794 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

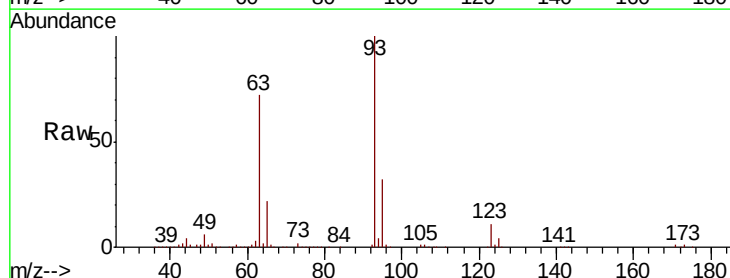
Tgt Ion: 93 Resp: 516868

Ion Ratio Lower Upper

93 100

95 32.0 27.1 40.7

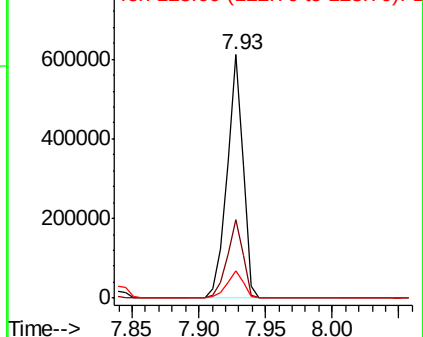
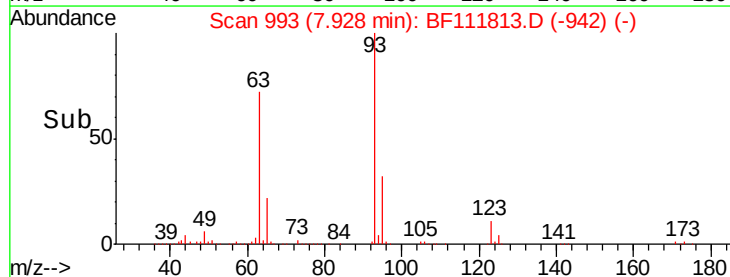
123 11.3 9.9 14.9

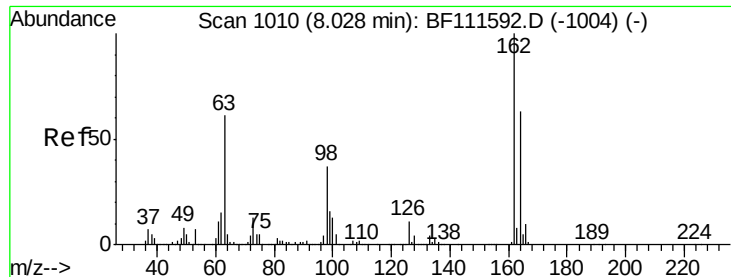


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

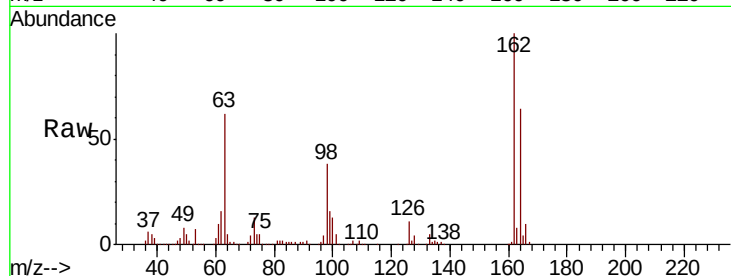




#29
 2,4-Dichlorophenol
 Concen: 41.641 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.02 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	37.6	20.3	60.3

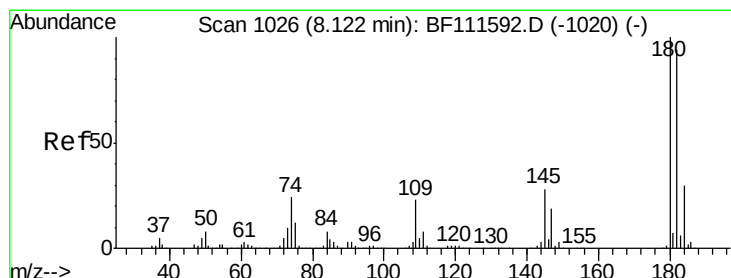
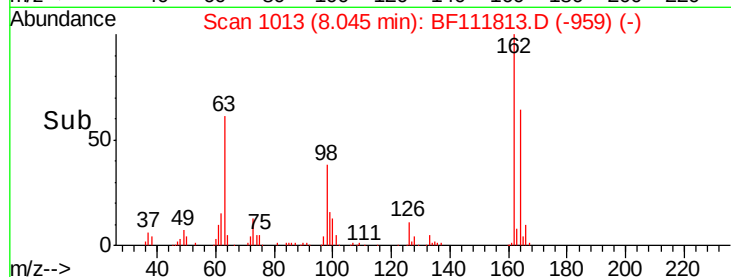
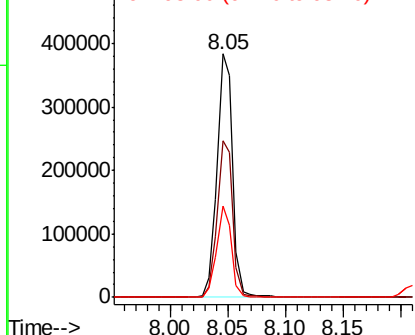


Abundance

Ion 162.00 (161.70 to 162.70): E

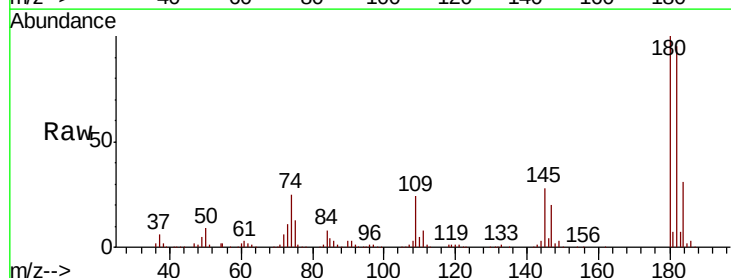
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.109 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.6	113.4
145	28.5	26.7	40.1

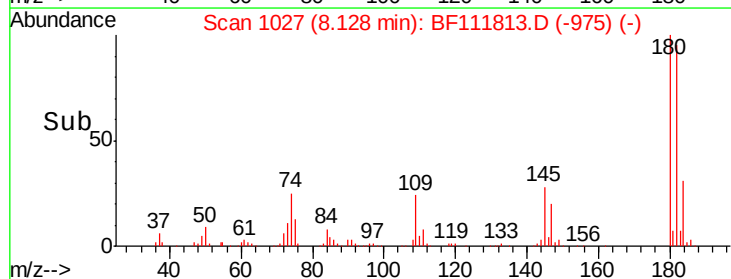
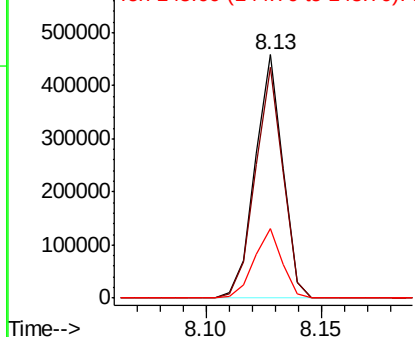


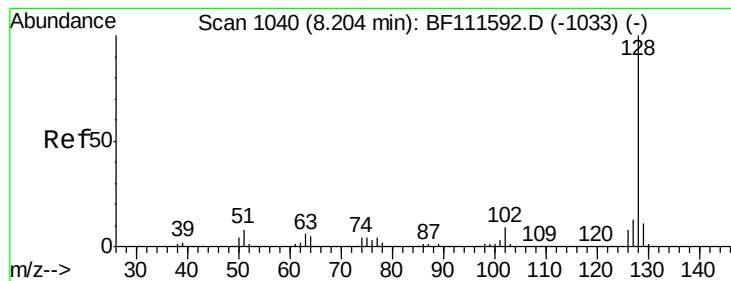
Abundance

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: 44.759 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

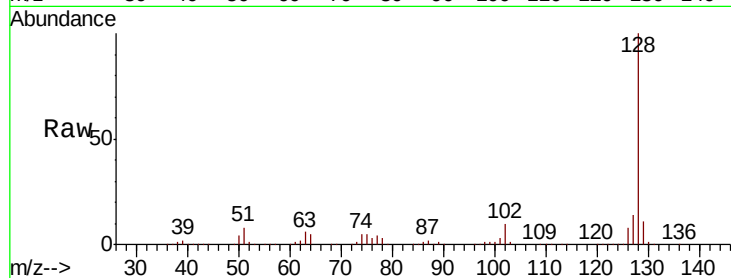
Tot Ion:128 Resp: 1196019

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

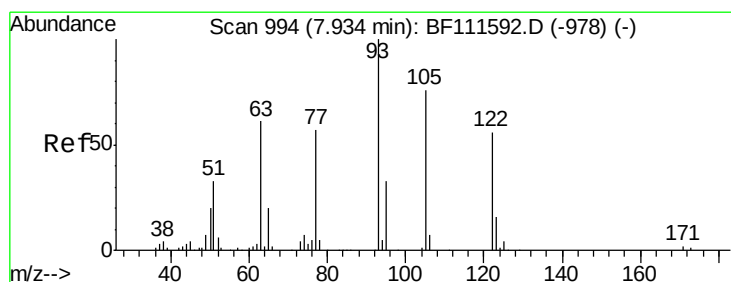
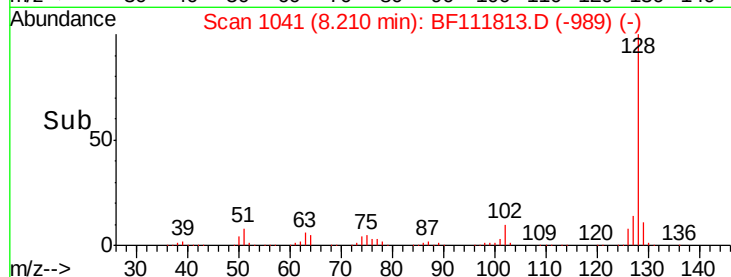
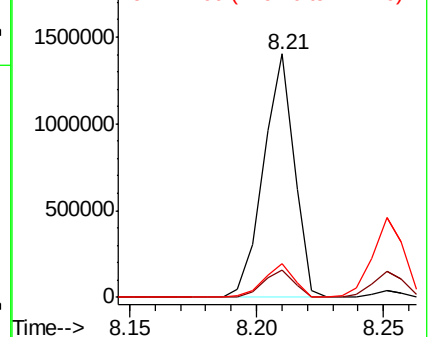
127 13.8 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.828 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

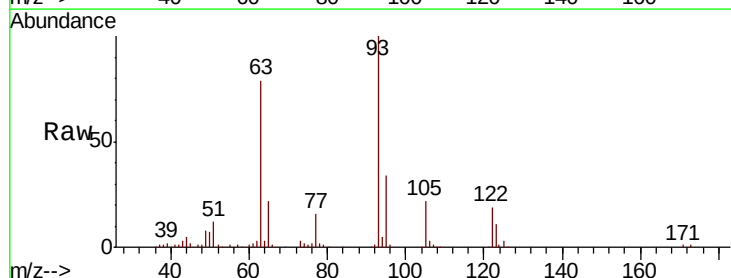
Tgt Ion:122 Resp: 36145

Ion Ratio Lower Upper

122 100

105 115.9 97.0 137.0

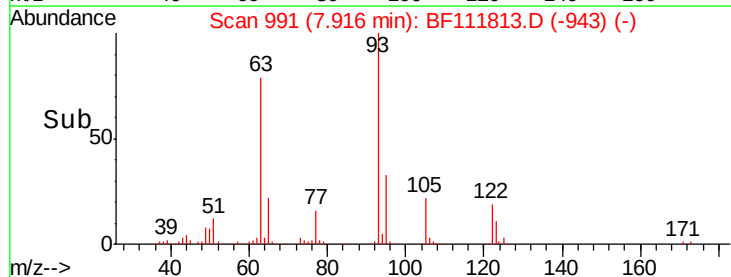
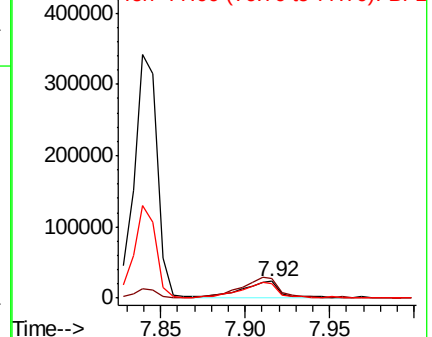
77 84.9 65.7 105.7

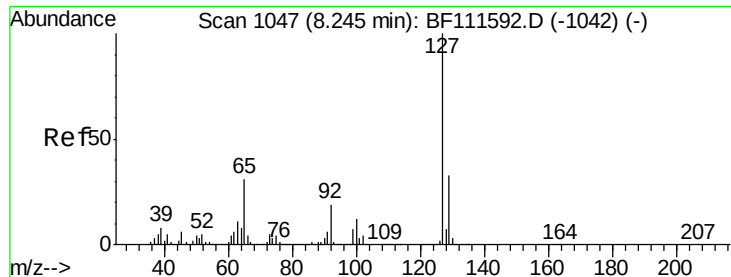


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

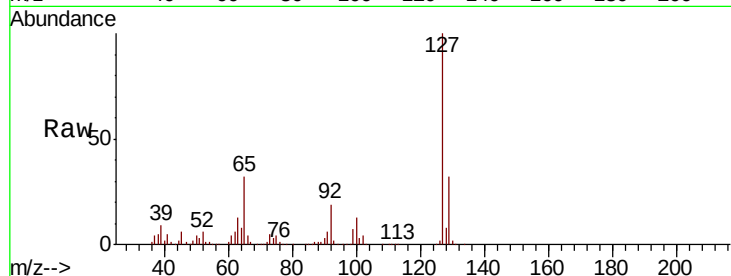




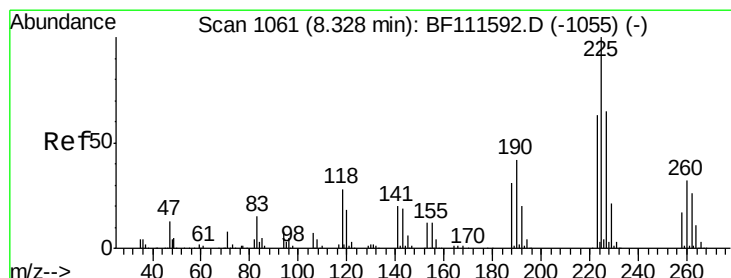
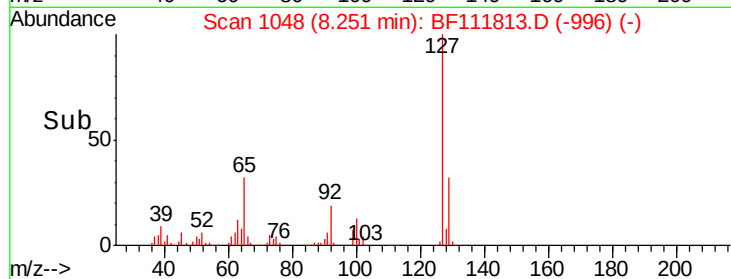
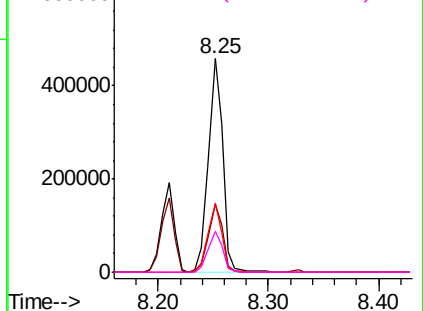
#33
4-Chloroaniline
Concen: 34.764 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	401505
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	39.8
65	32.4	25.7	38.5
92	19.5	15.4	23.2

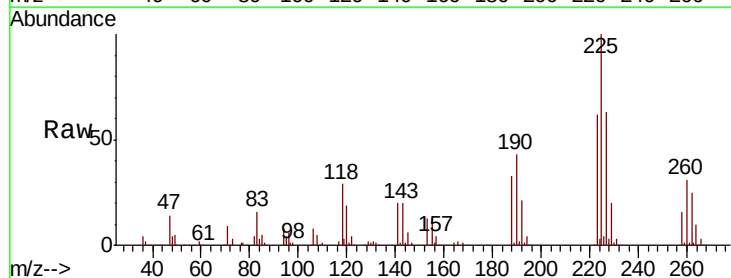


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

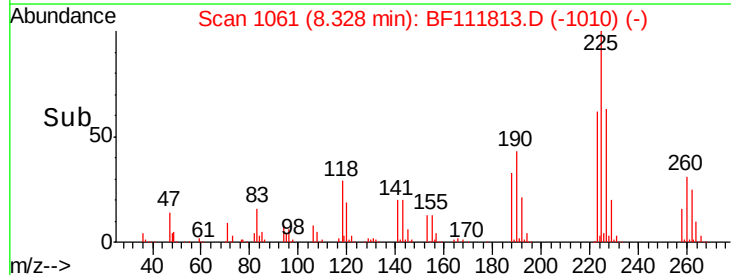
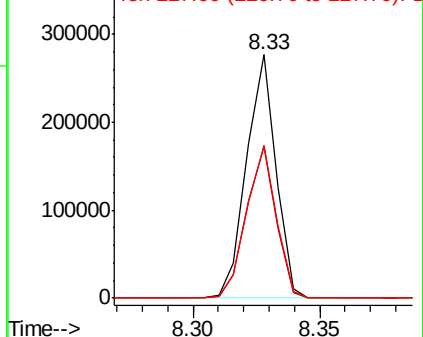


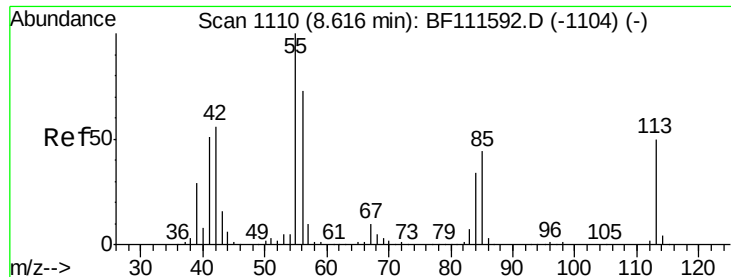
#34
Hexachlorobutadiene
Concen: 38.363 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:	225	Resp:	224355
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	62.6	52.6	78.8



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: 5.839 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

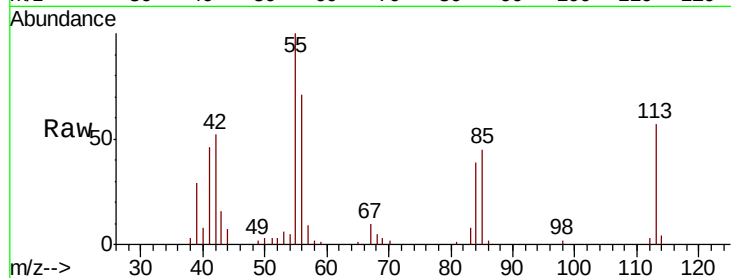
Tot Ion:113 Resp: 17038

Ion Ratio Lower Upper

113 100

55 174.5 184.1 224.1#

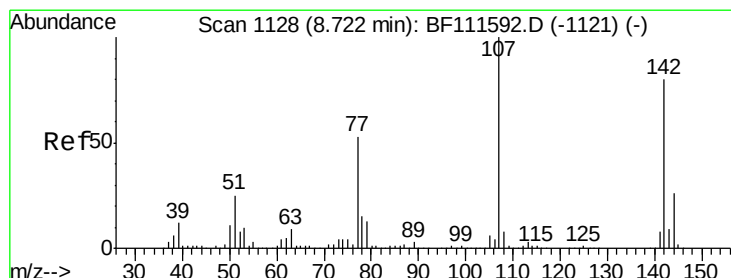
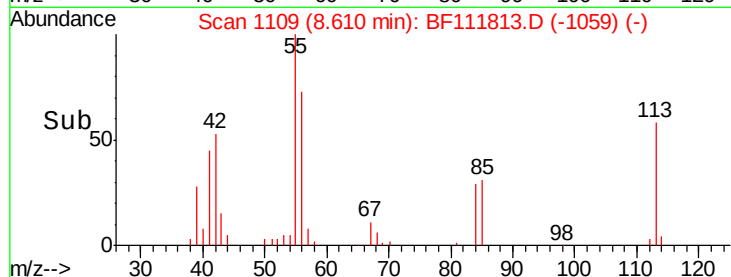
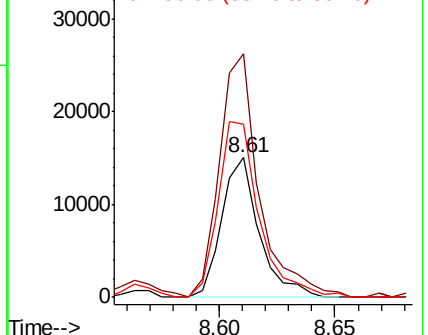
56 124.5 126.0 166.0#



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: 39.224 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

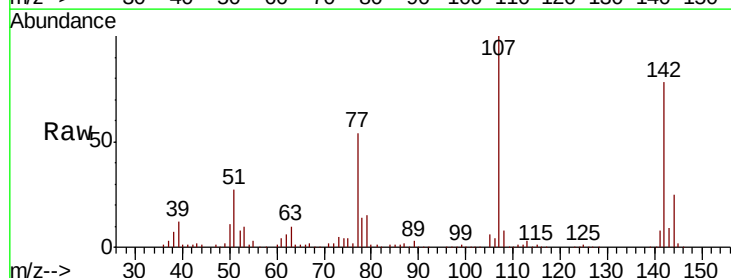
Tgt Ion:107 Resp: 332009

Ion Ratio Lower Upper

107 100

144 25.3 19.8 29.6

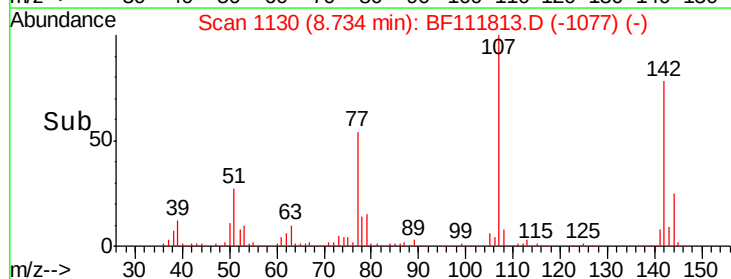
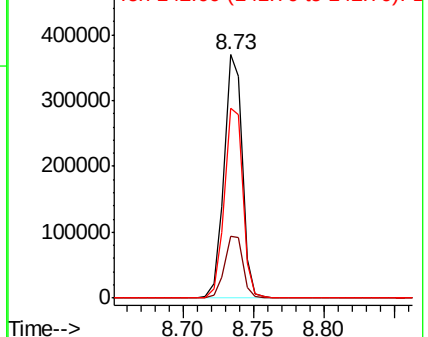
142 77.8 62.3 93.5

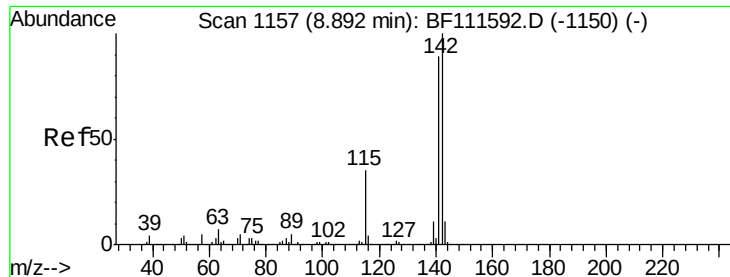


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

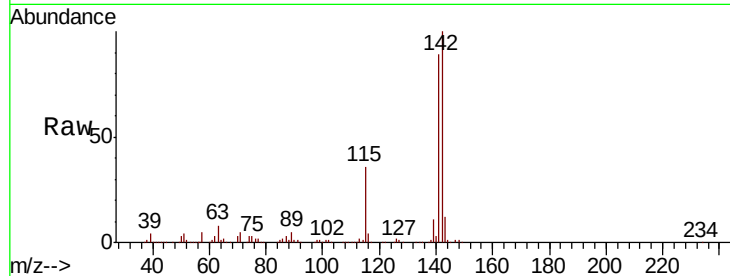




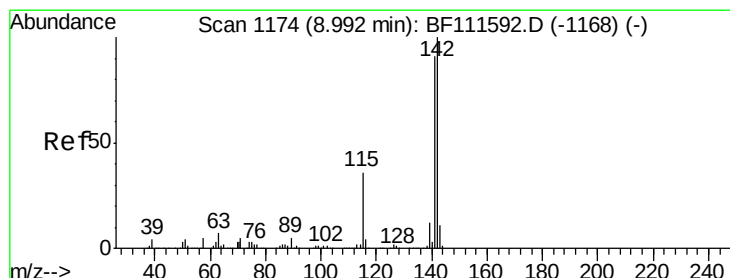
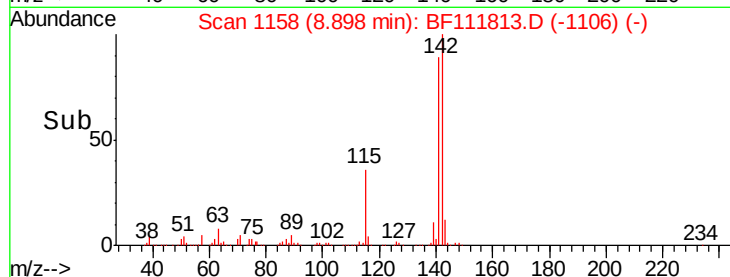
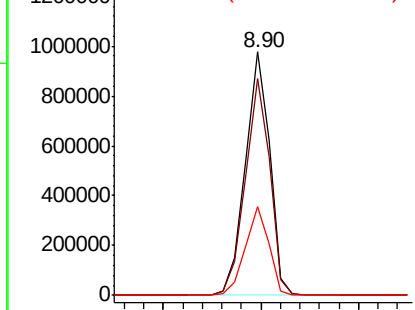
#37
 2-Methylnaphthalene
 Concen: 48.589 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 844721
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.6 105.8
 115 36.5 27.0 40.6

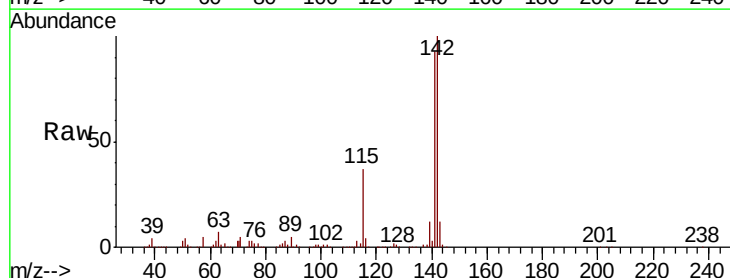


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

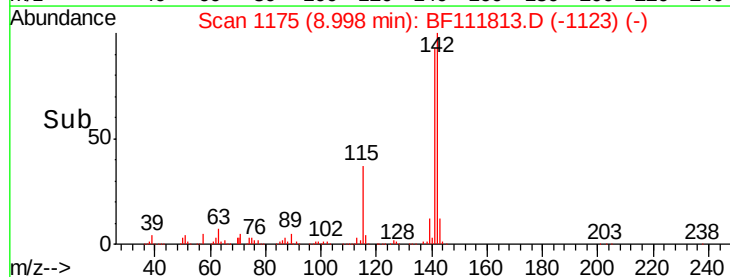
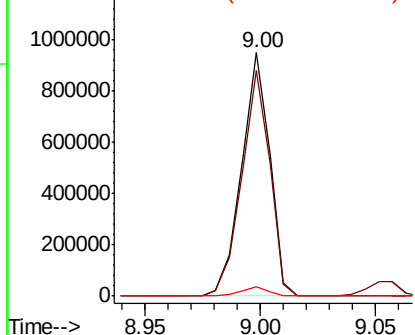


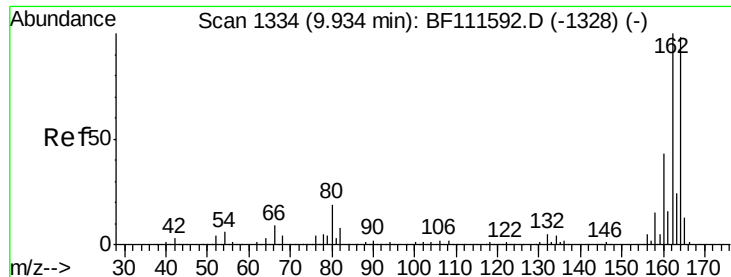
#38
 1-Methylnaphthalene
 Concen: 48.538 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion:142 Resp: 810421
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.2 111.4
 116 3.9 2.9 4.3



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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

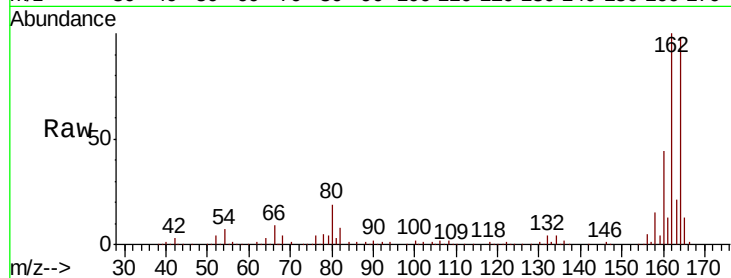
Tot Ion:164 Resp: 290799

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

160 44.3 35.7 53.5

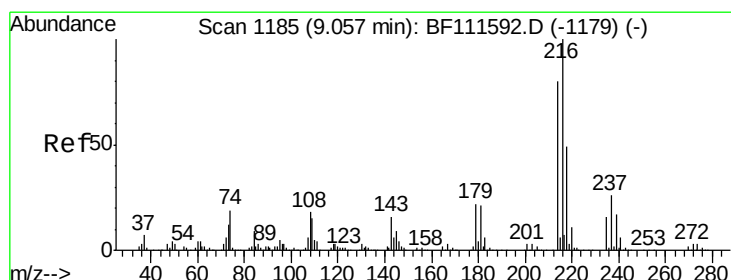
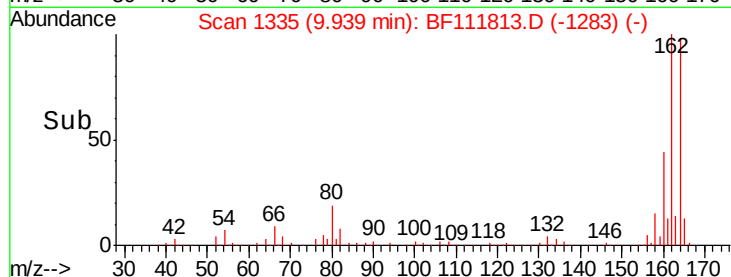
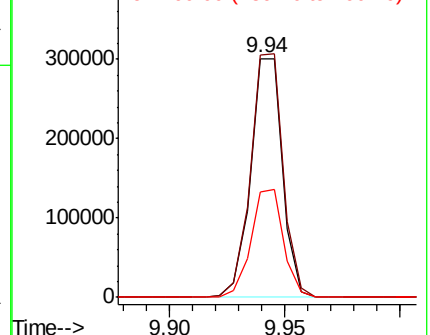


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.063 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Tgt Ion:216 Resp: 411497

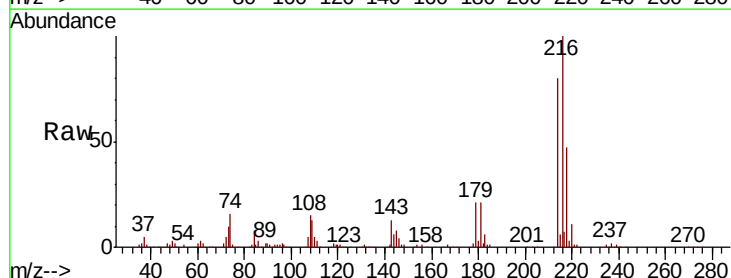
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 20.9 17.9 26.9

108 20.2 18.4 27.6



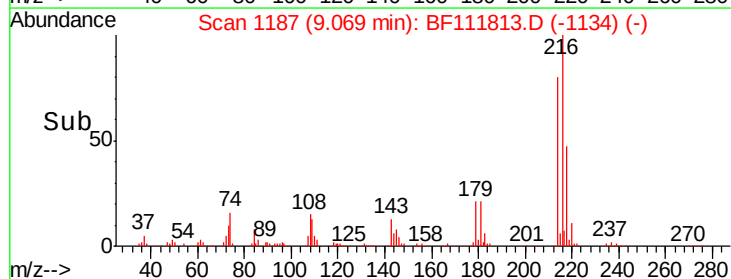
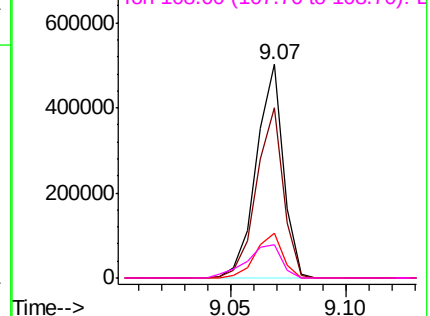
Abundance

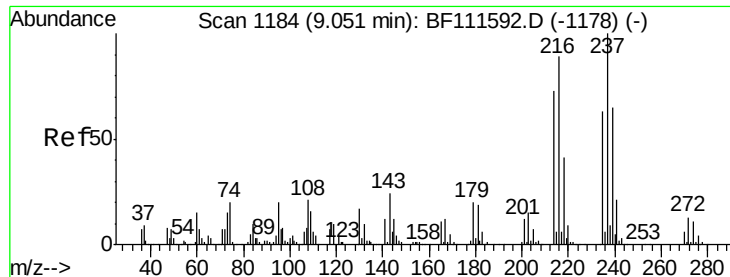
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

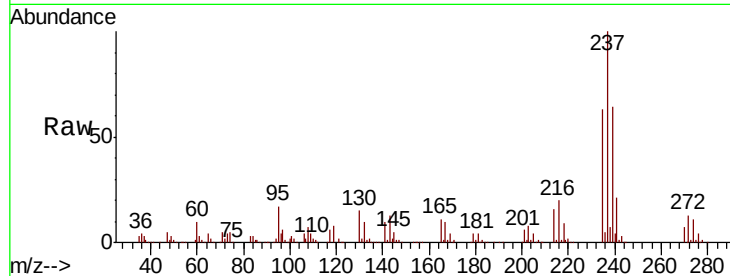




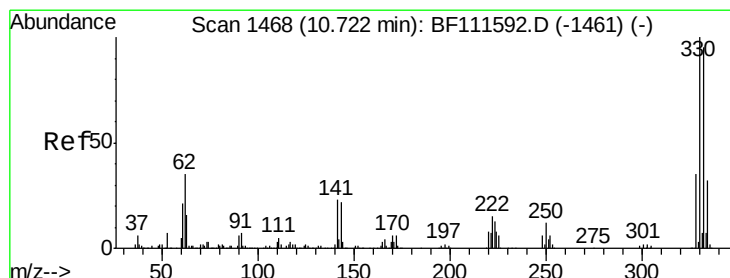
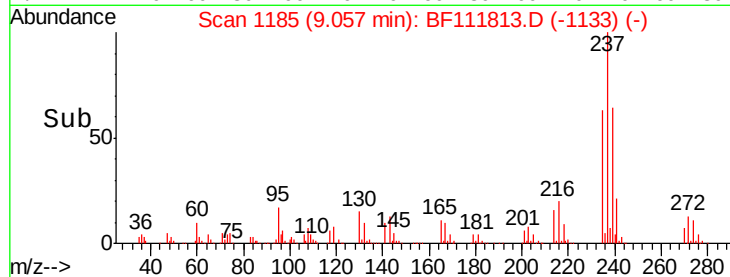
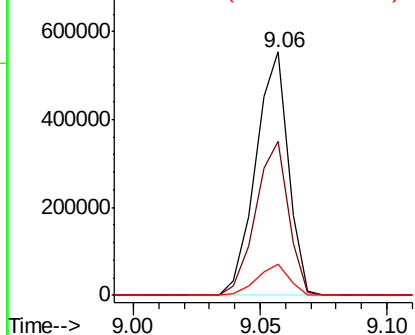
#41
Hexachlorocyclopentadiene
Concen: 107.532 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 498625
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 13.0 0.0 33.0

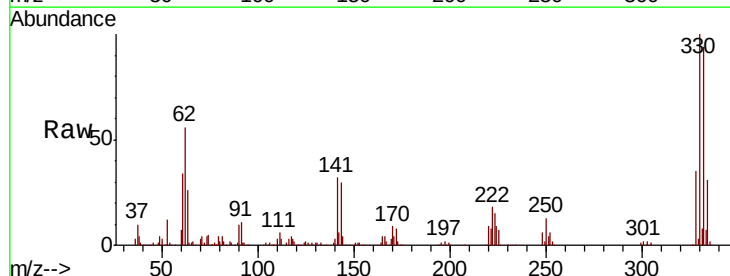


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

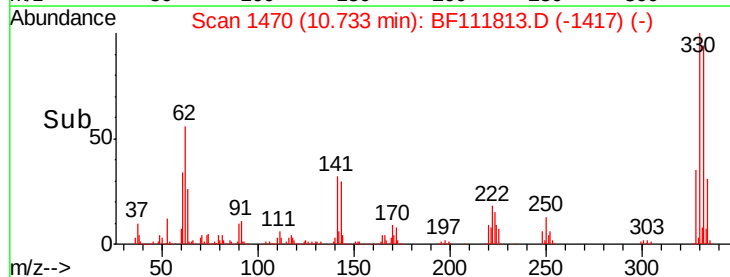
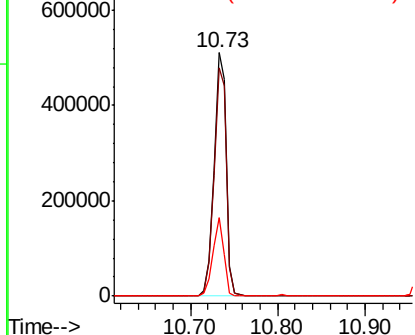


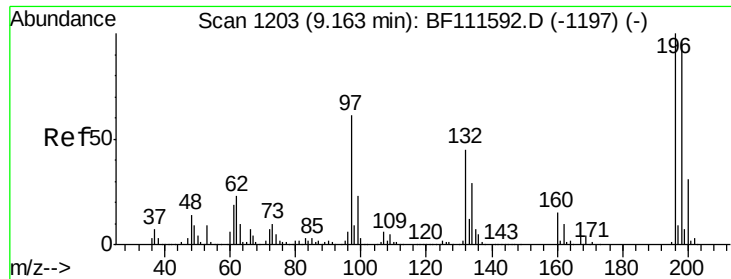
#42
2,4,6-Tribromophenol
Concen: 144.153 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:330 Resp: 495310
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 29.6 31.0 46.6#



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

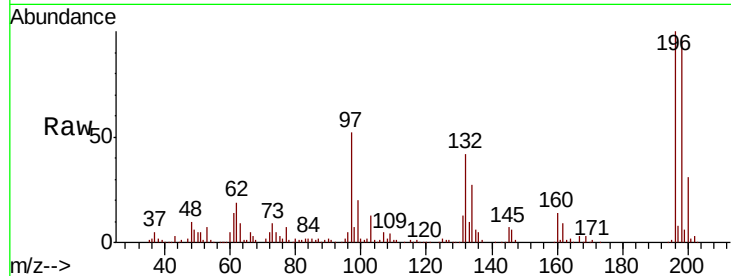




#43
 2,4,6-Trichlorophenol
 Concen: 43.203 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.3	114.5
200	31.2	24.9	37.3

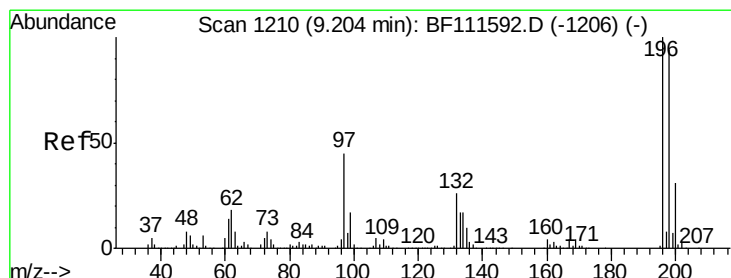
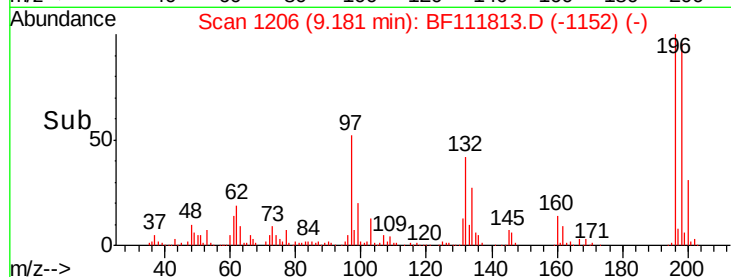
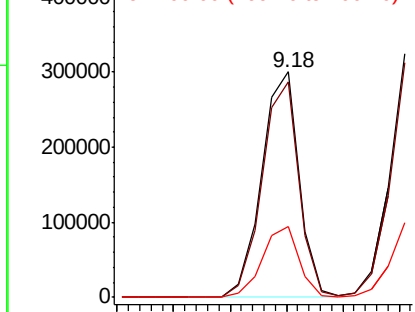


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.186 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	72.9	109.3
97	51.4	45.3	67.9
132	28.3	25.5	38.3

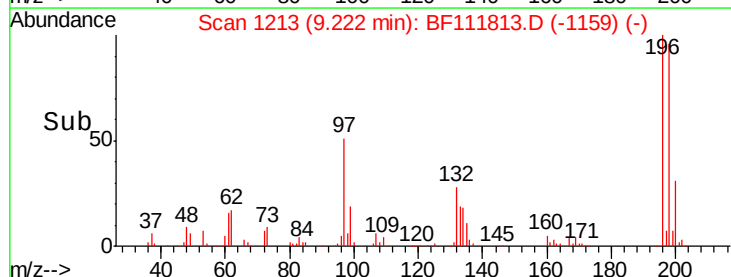
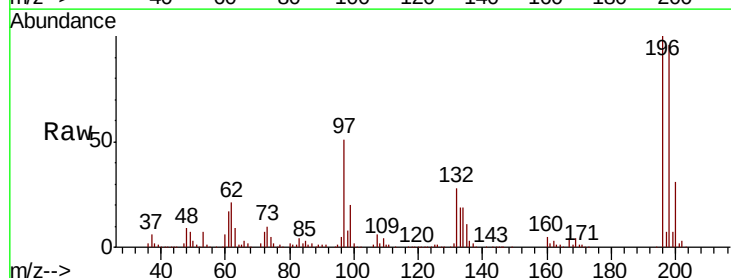
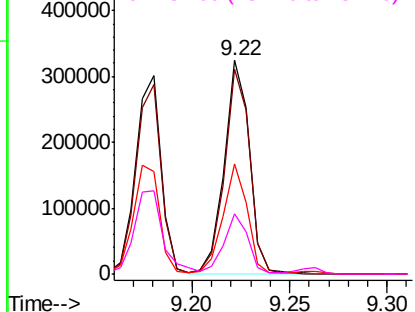
Abundance

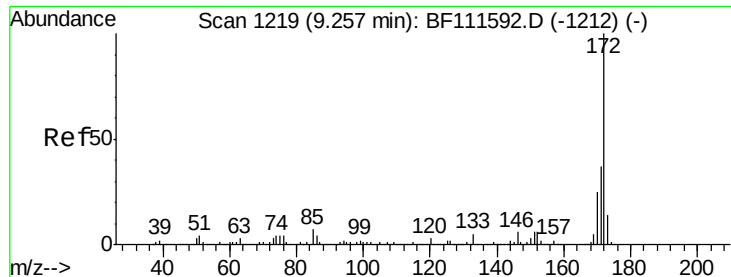
Ion 196.00 (195.70 to 196.70): E

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

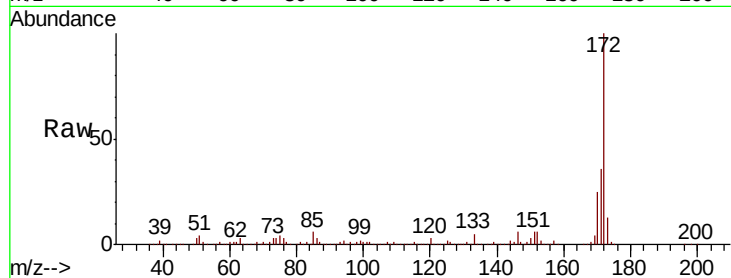




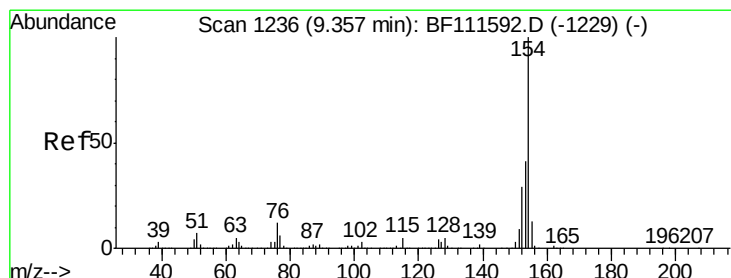
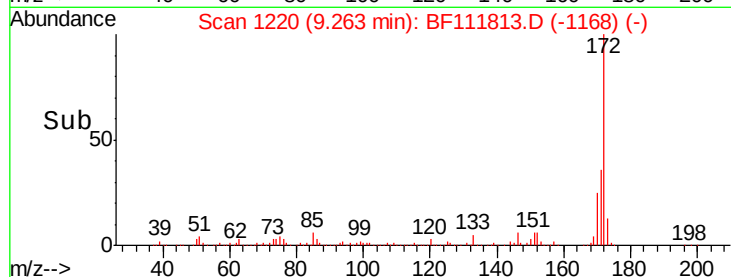
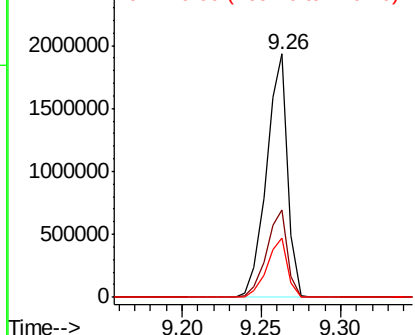
#45
2-Fluorobiphenyl
Concen: 89.889 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1793357
Ion Ratio Lower Upper
172 100
171 36.2 33.0 49.4
170 24.6 22.3 33.5

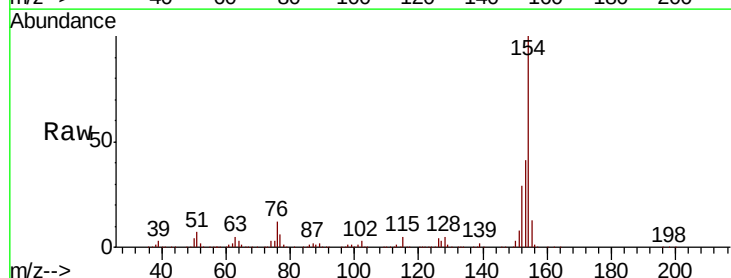


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

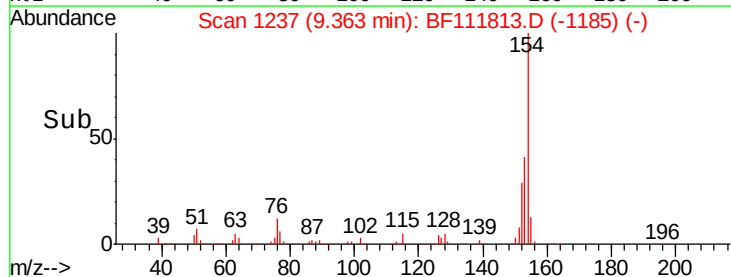
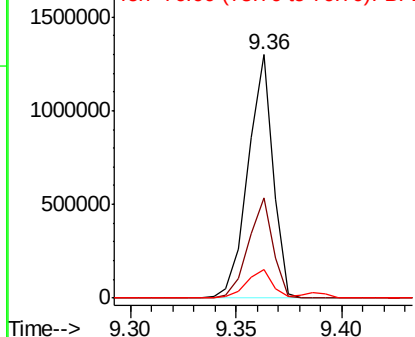


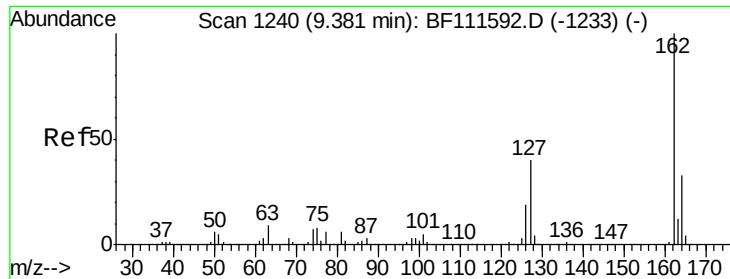
#46
1,1'-Biphenyl
Concen: 43.382 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:154 Resp: 1064939
Ion Ratio Lower Upper
154 100
153 41.4 23.7 63.7
76 11.7 0.0 35.0



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

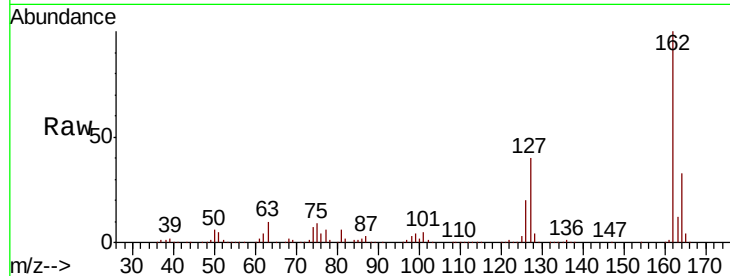




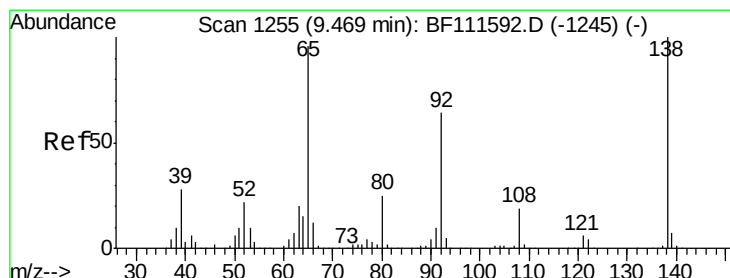
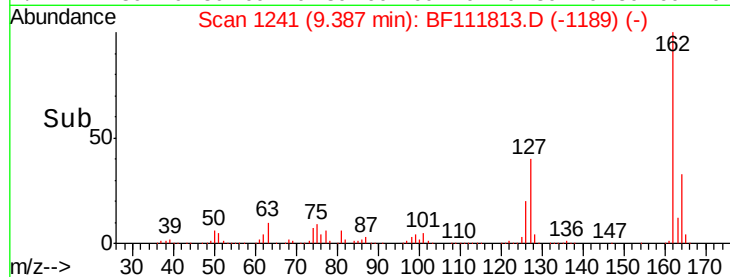
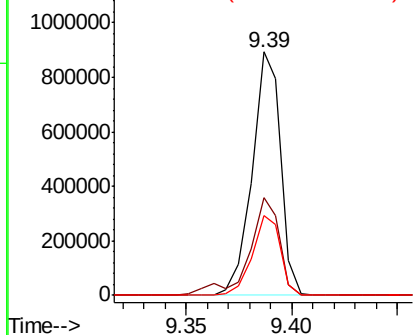
#47
 2-Chloronaphthalene
 Concen: 42.967 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 835669
 Ion Ratio Lower Upper
 162 100
 127 40.4 35.0 52.4
 164 33.0 28.4 42.6

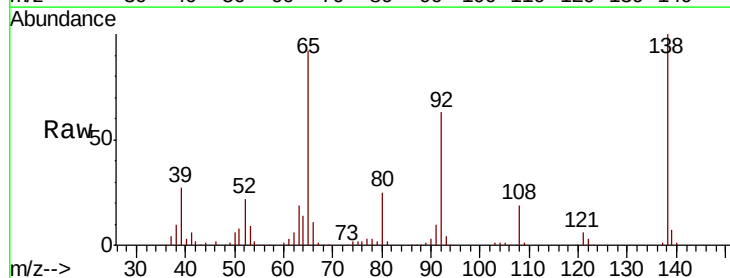


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

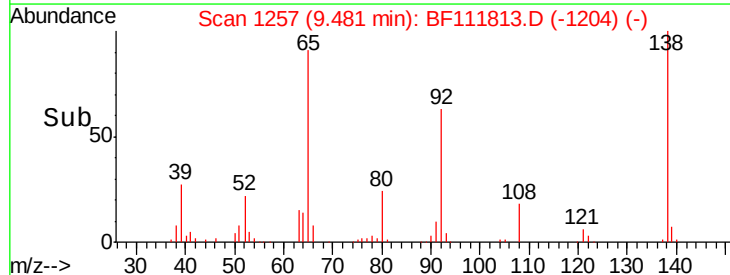
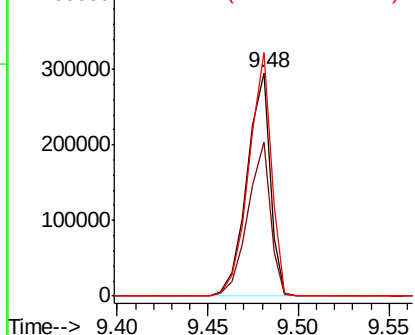


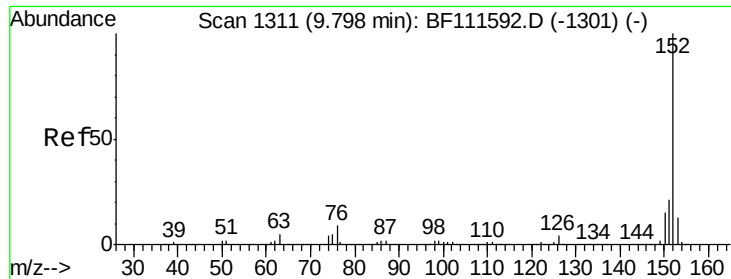
#48
 2-Nitroaniline
 Concen: 51.787 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion: 65 Resp: 262026
 Ion Ratio Lower Upper
 65 100
 92 68.7 53.5 80.3
 138 108.9 80.9 121.3



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: 46.856 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

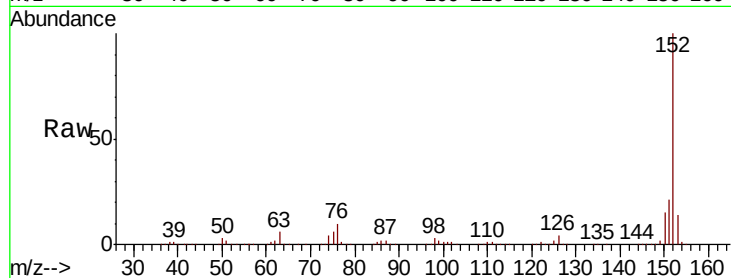
Tot Ion:152 Resp: 1330557

Ion Ratio Lower Upper

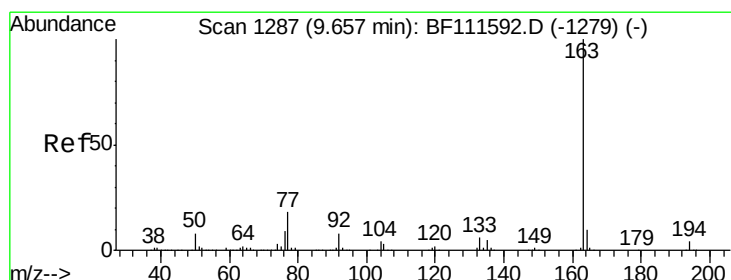
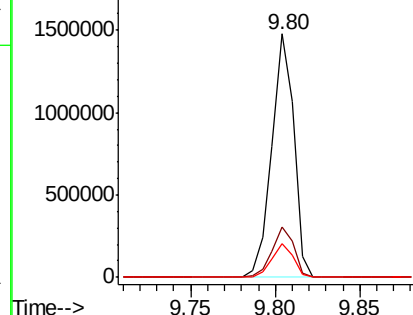
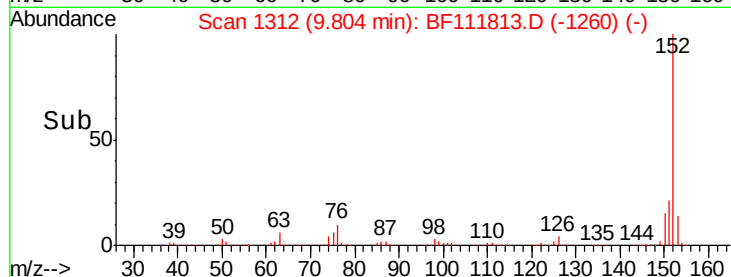
152 100

151 20.7 18.0 27.0

153 13.7 12.3 18.5



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: 48.028 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

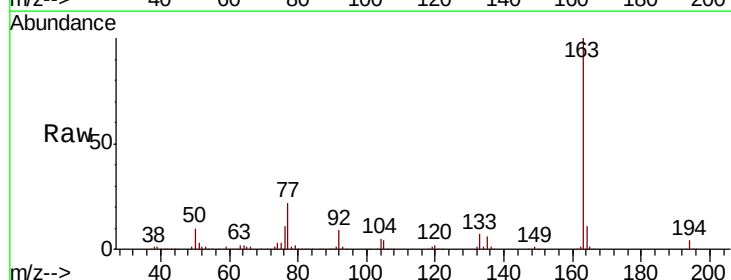
Tgt Ion:163 Resp: 1021321

Ion Ratio Lower Upper

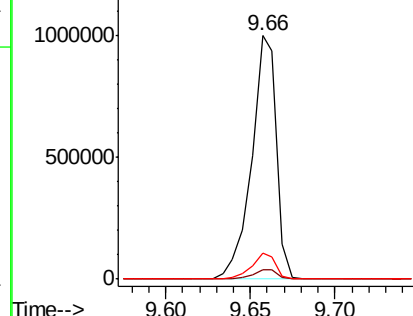
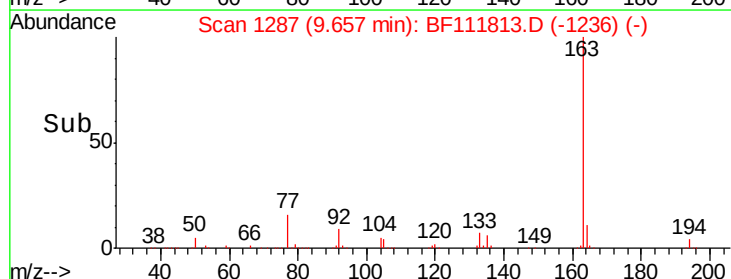
163 100

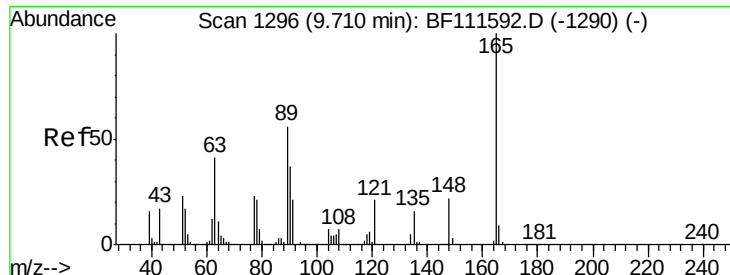
194 4.0 3.0 4.6

164 10.5 8.9 13.3



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

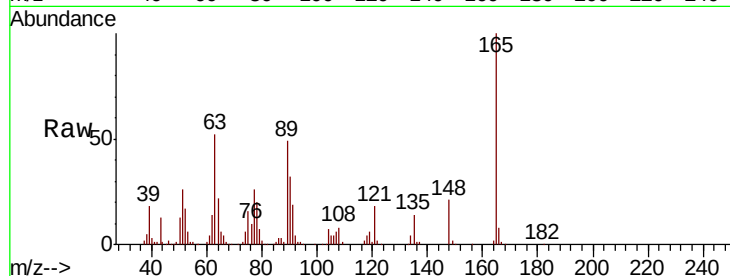




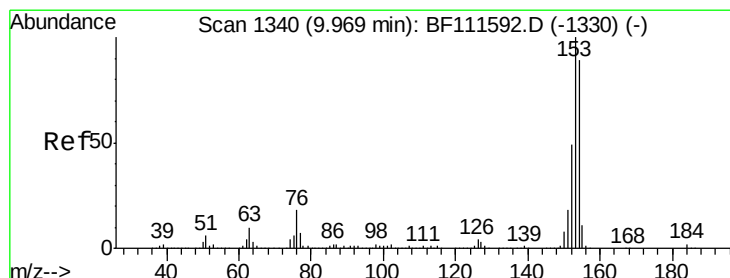
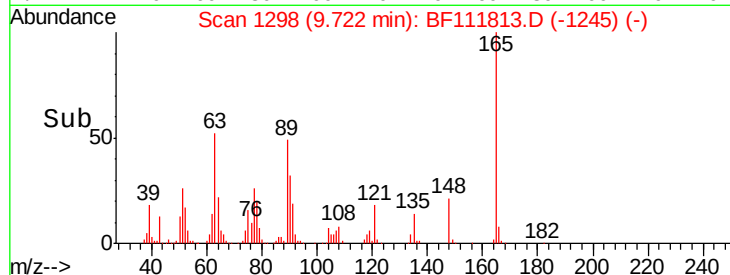
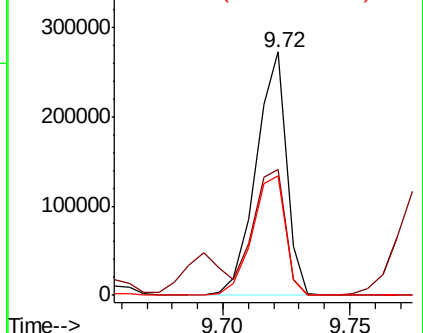
#51
2,6-Dinitrotoluene
Concen: 54.147 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 229597
Ion Ratio Lower Upper
165 100
63 51.8 40.5 60.7
89 49.1 40.0 60.0

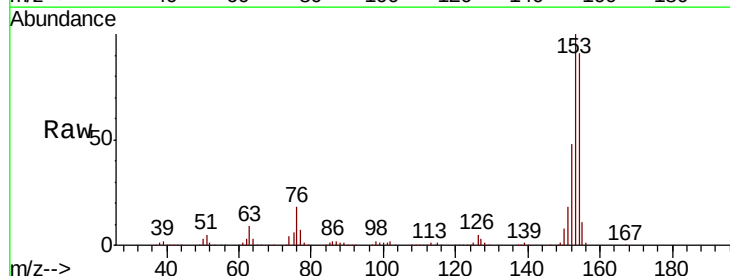


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

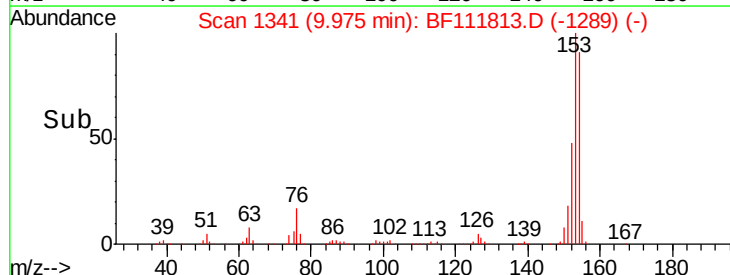
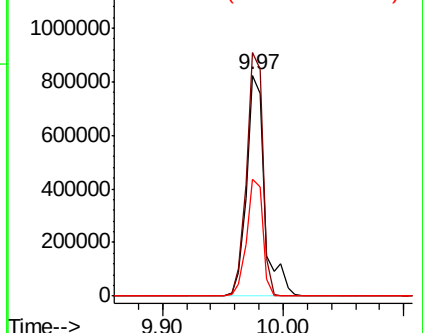


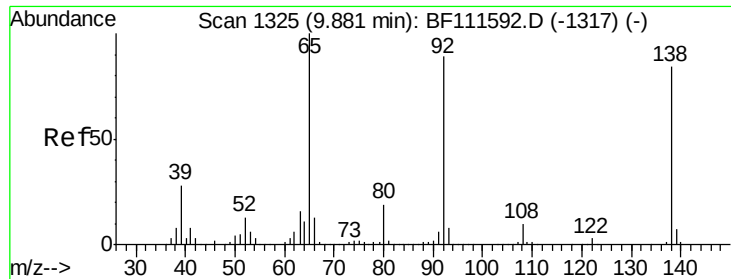
#52
Acenaphthene
Concen: 49.467 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:154 Resp: 866360
Ion Ratio Lower Upper
154 100
153 110.1 87.8 131.8
152 52.8 43.4 65.2



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

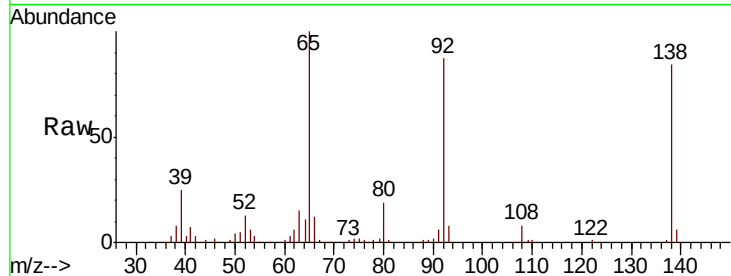




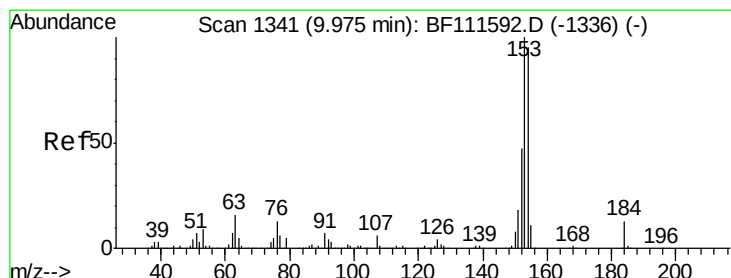
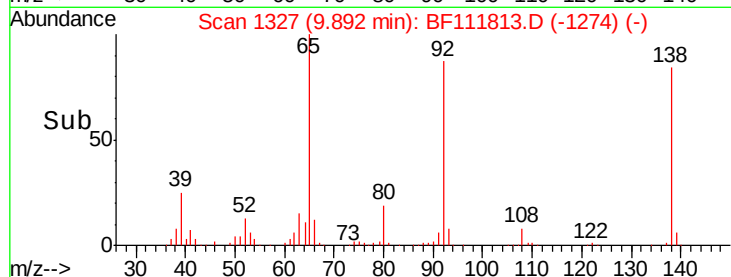
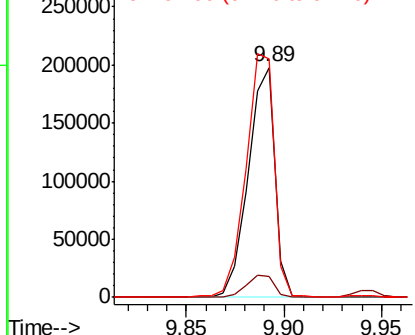
#53
3-Nitroaniline
Concen: 41.494 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 187645
Ion Ratio Lower Upper
138 100
108 9.0 8.2 12.4
92 103.7 93.4 140.2

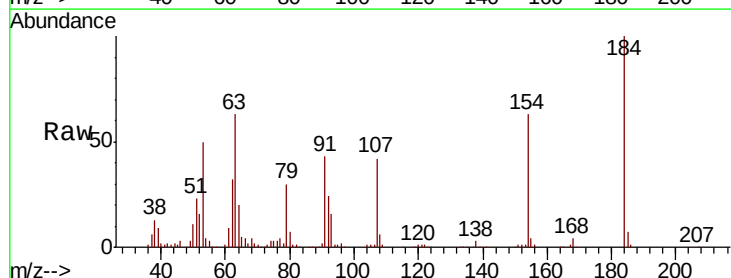


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

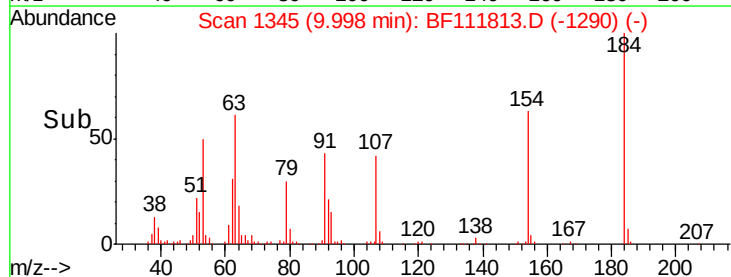
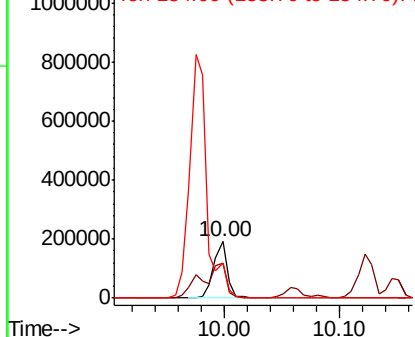


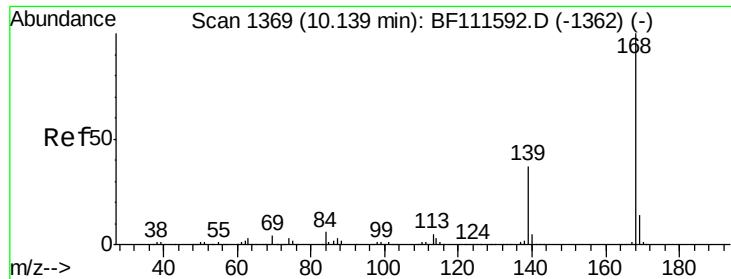
#54
2,4-Dinitrophenol
Concen: 114.311 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:184 Resp: 160249
Ion Ratio Lower Upper
184 100
63 63.0 62.3 93.5
154 63.3 56.2 84.2



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

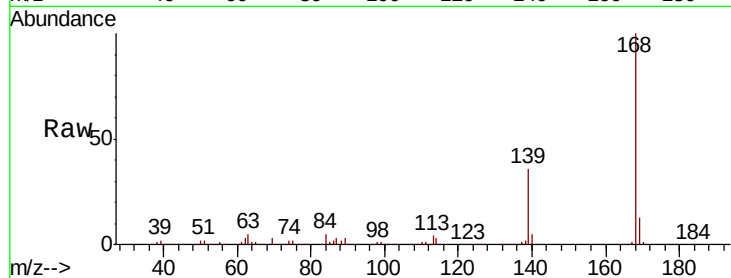




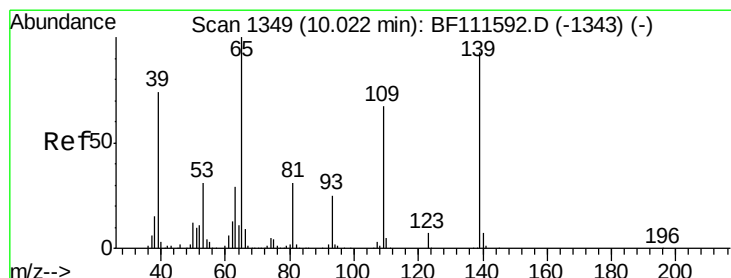
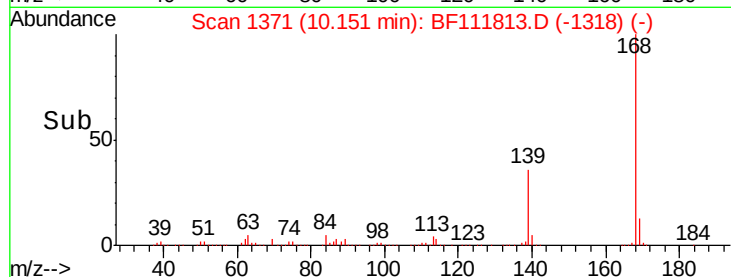
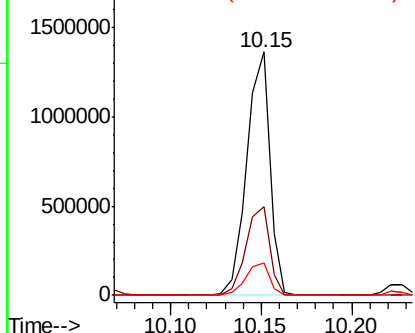
#55
Dibenzofuran
Concen: 45.788 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1211553
Ion Ratio Lower Upper
168 100
139 36.2 32.6 49.0
169 13.4 11.8 17.6

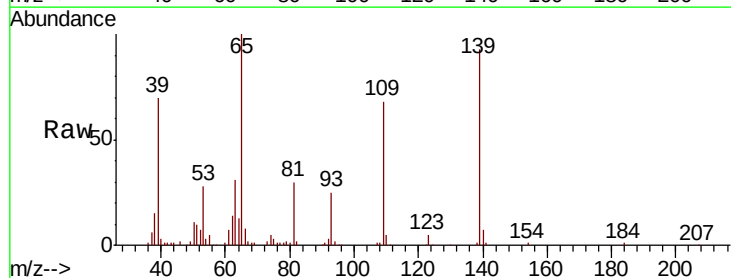


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

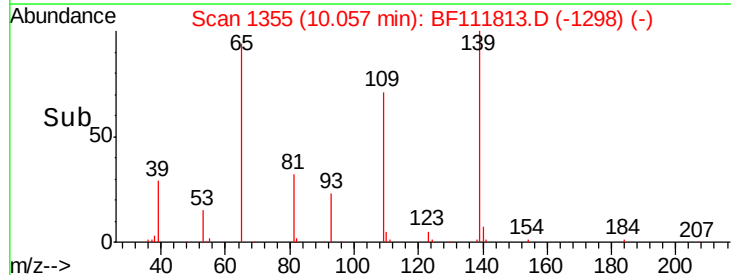
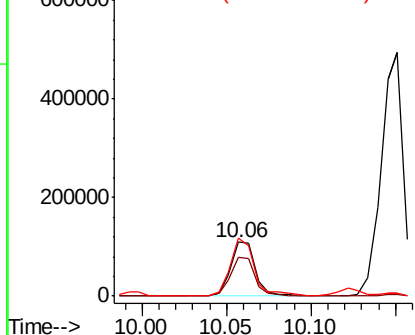


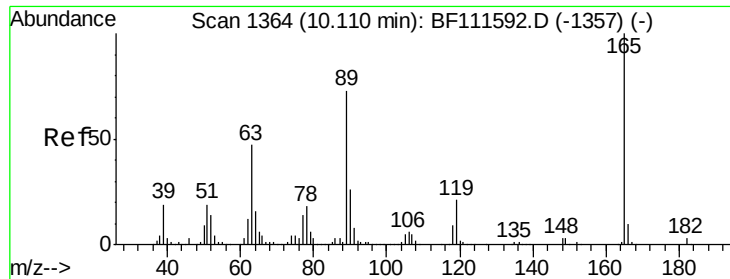
#56
4-Nitrophenol
Concen: 32.388 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:139 Resp: 111778
Ion Ratio Lower Upper
139 100
109 72.8 41.8 81.8
65 107.6 79.6 119.6



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

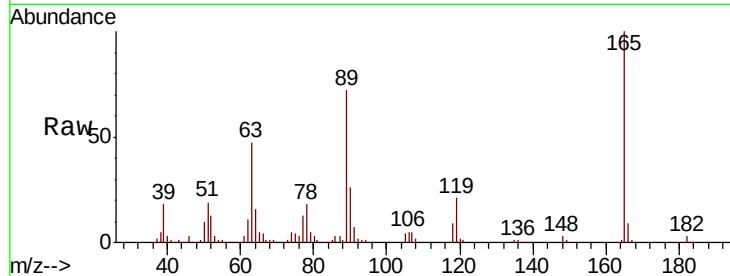




#57
2,4-Dinitrotoluene
Concen: 60.028 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.6	34.6	52.0
89	72.1	56.2	84.4
182	2.6	1.8	2.6



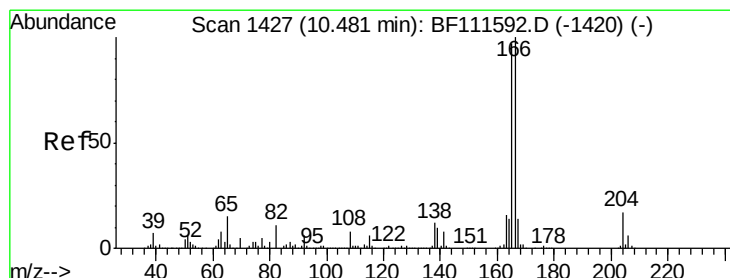
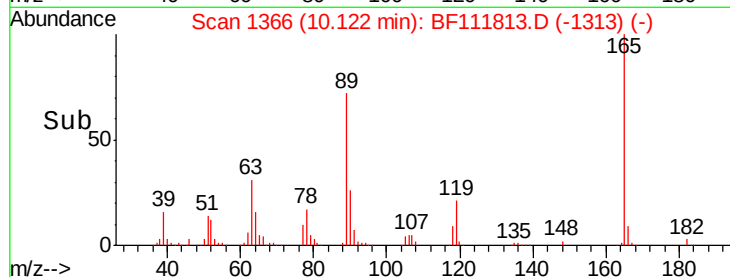
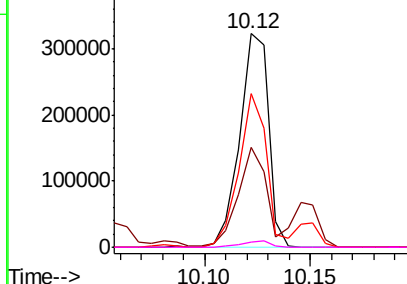
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

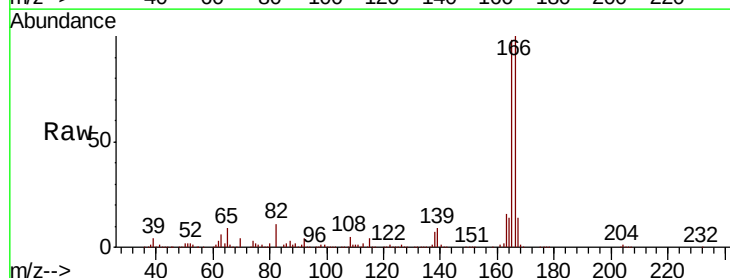
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.245 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.6	11.2	16.8

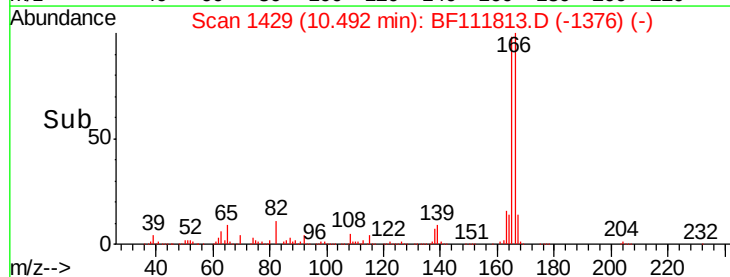
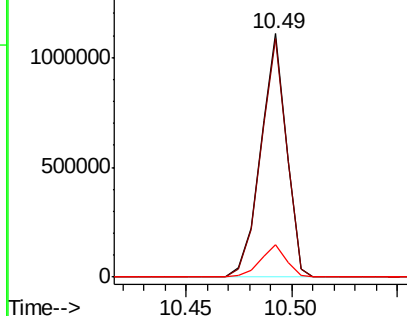


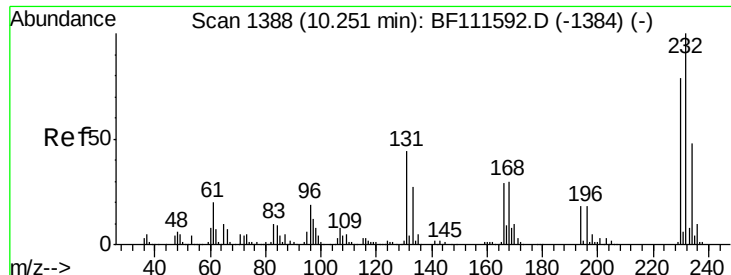
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

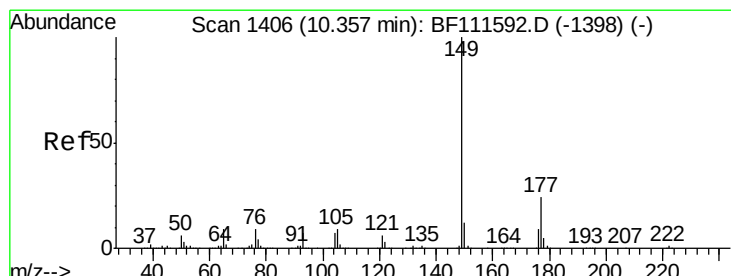
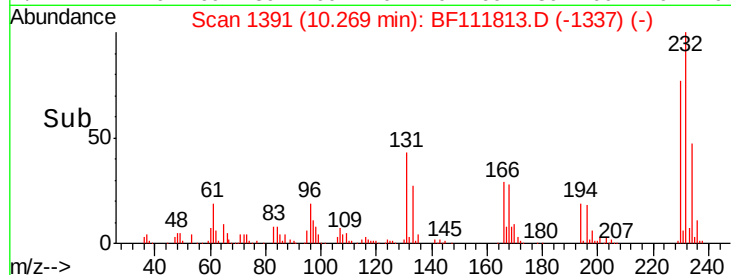
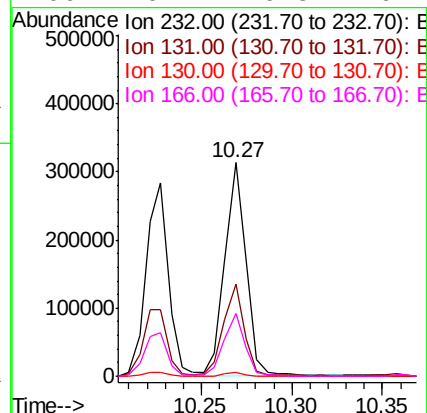
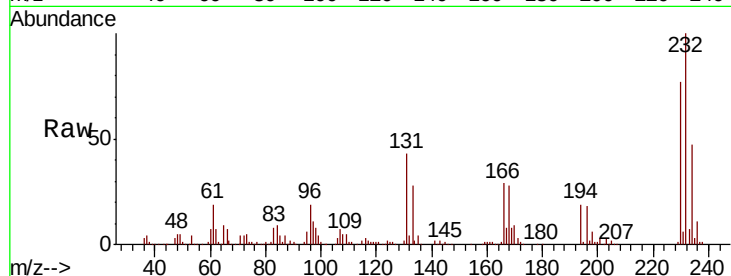




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.530 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

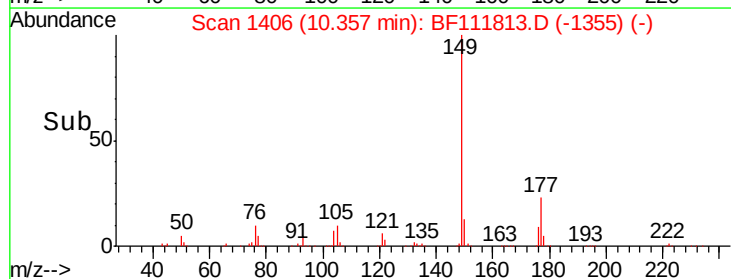
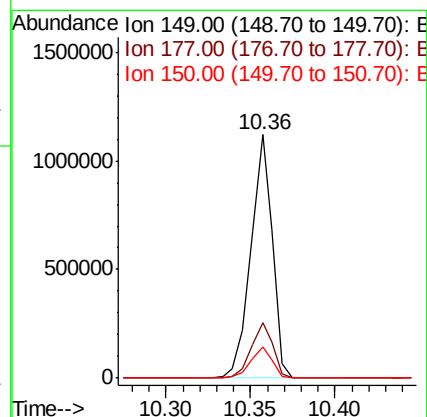
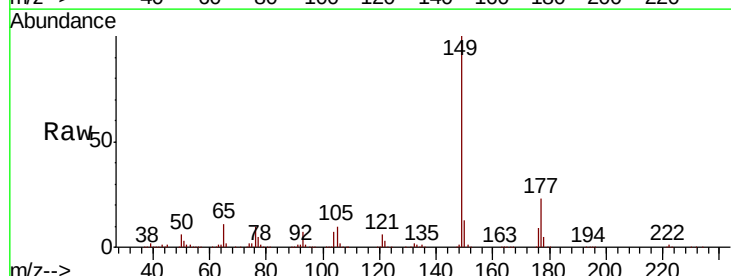
Instrument :
BNA_F
ClientSampled :

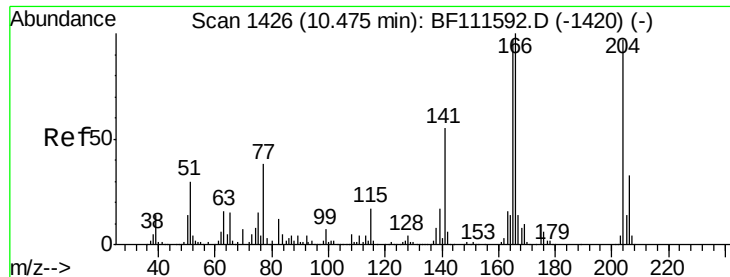
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.2	40.9	61.3
130	2.0	2.0	3.0
166	29.1	26.8	40.2



#60
Diethylphthalate
Concen: 47.722 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.6	10.6	15.8

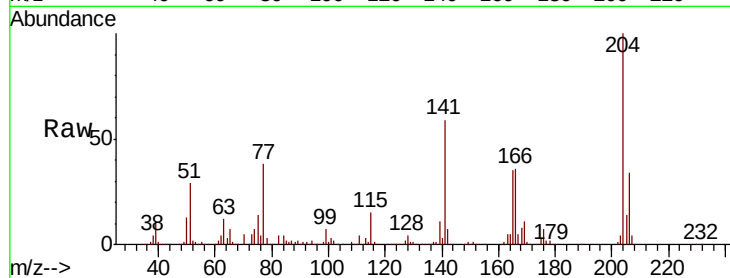




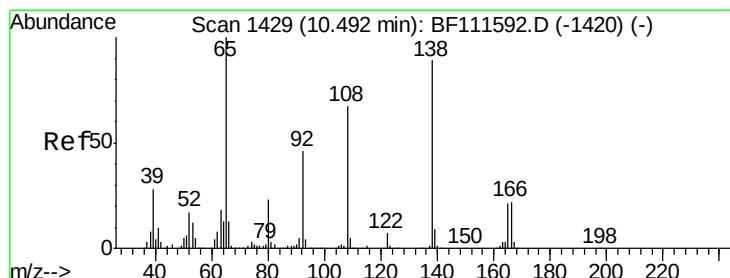
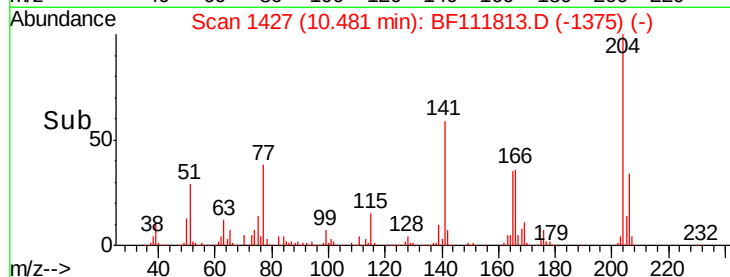
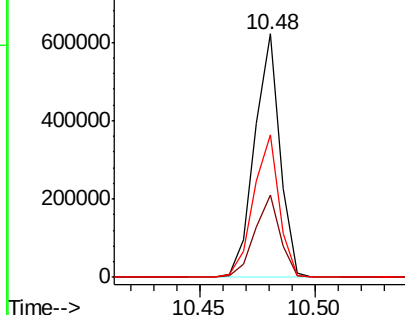
#61
4-Chlorophenyl-phenylether
Concen: 45.474 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 479031
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 58.8 52.6 78.8

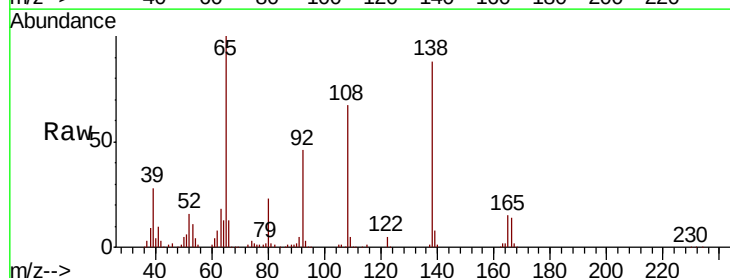


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

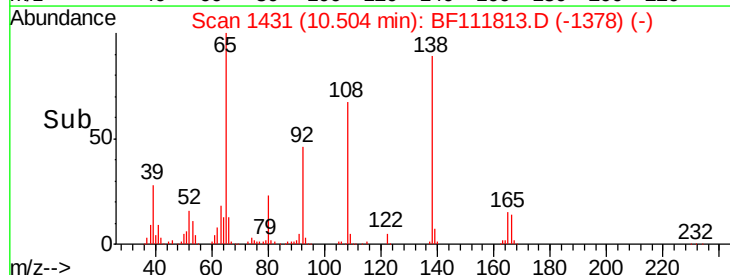
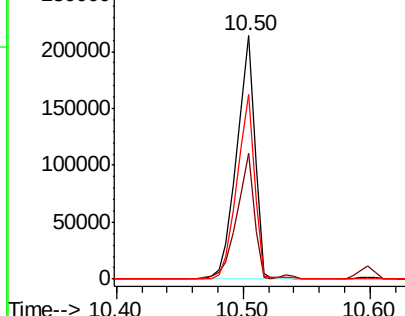


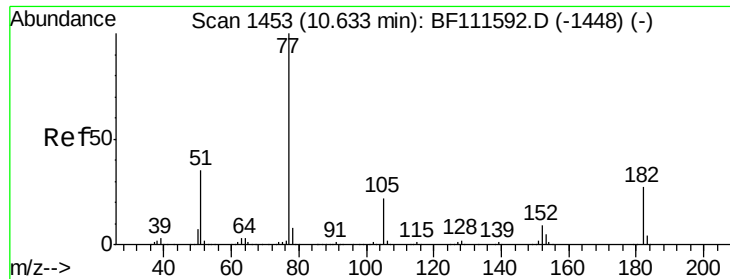
#62
4-Nitroaniline
Concen: 48.010 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:138 Resp: 211016
Ion Ratio Lower Upper
138 100
92 51.7 29.9 69.9
108 75.8 43.2 83.2



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

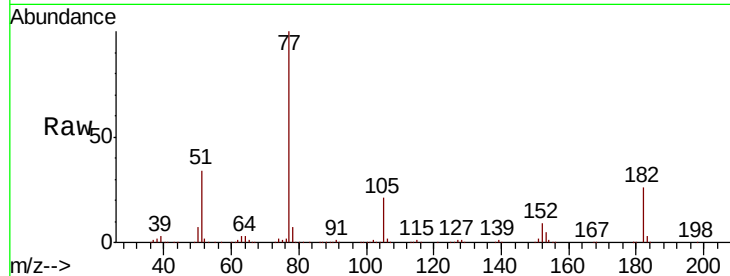




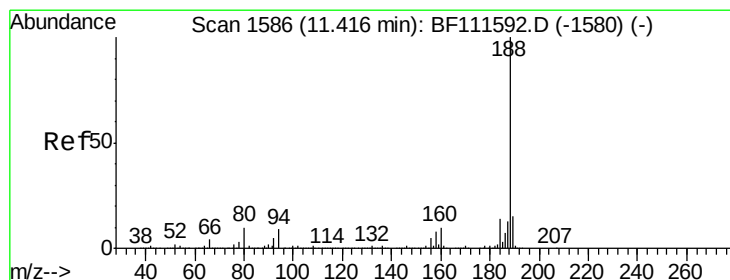
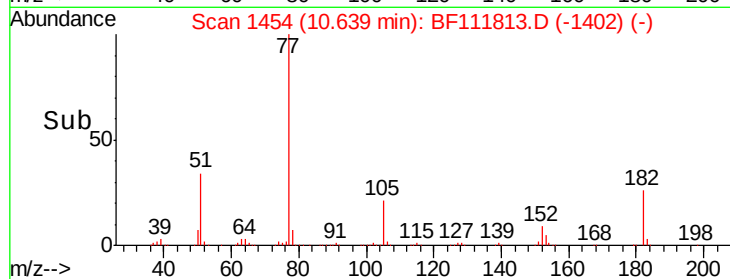
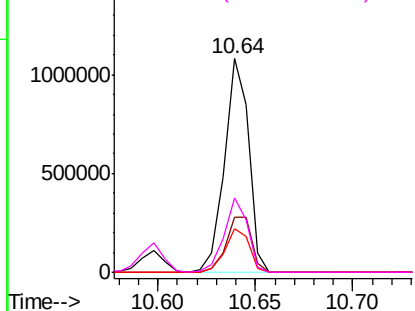
#63
Azobenzene
Concen: 44.259 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 926860
Ion Ratio Lower Upper
77 100
182 25.7 4.9 44.9
105 20.7 6.0 46.0
51 34.5 14.7 54.7

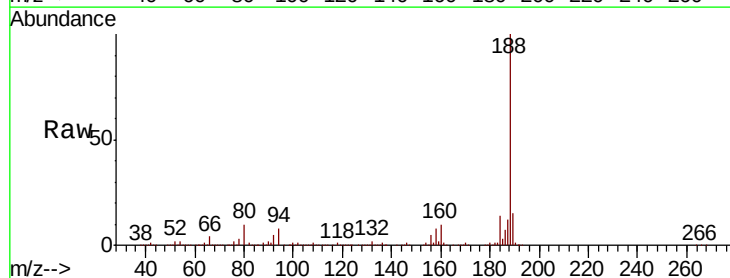


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

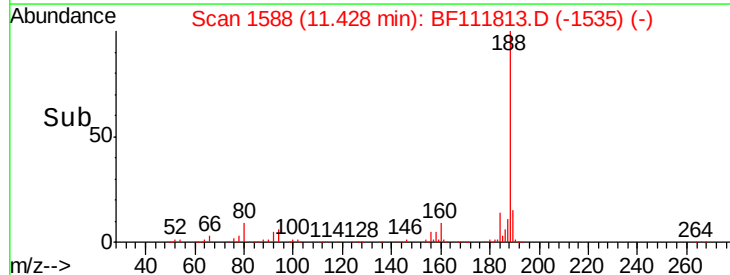
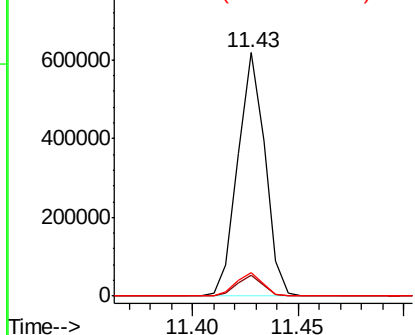


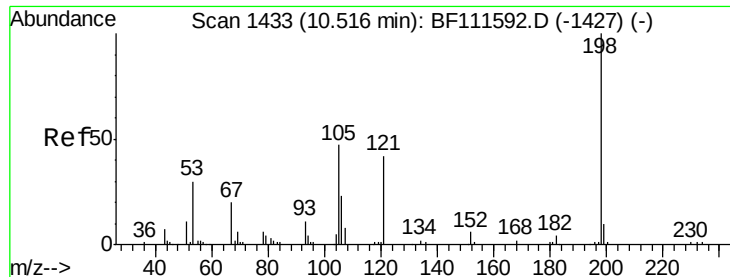
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion: 188 Resp: 552011
Ion Ratio Lower Upper
188 100
94 8.4 9.6 14.4#
80 9.6 9.8 14.6#



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

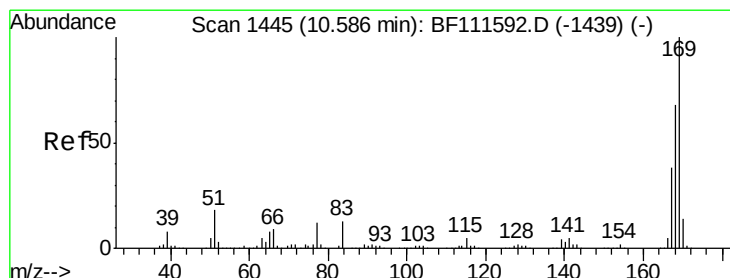
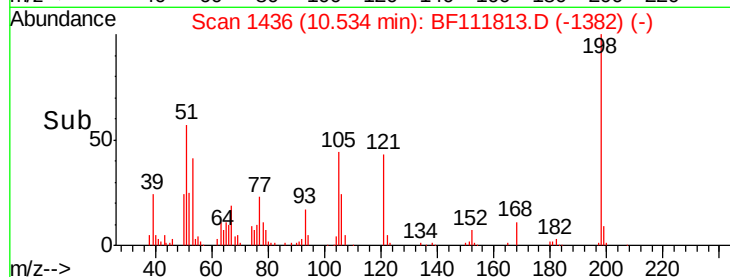
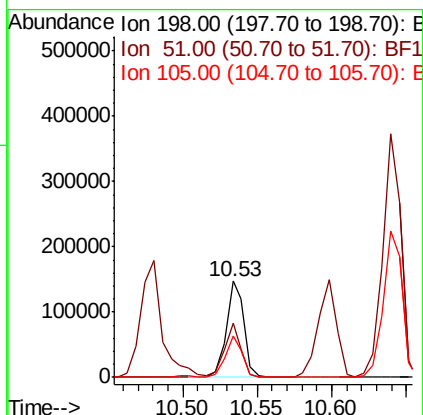
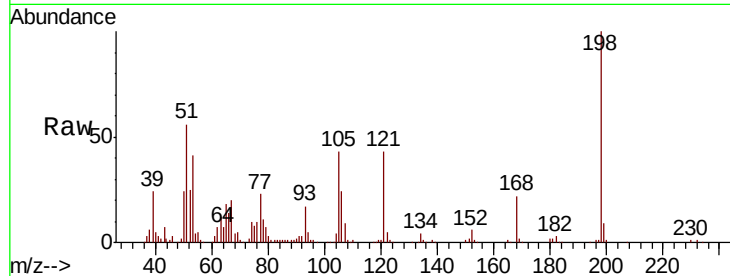




#65
4,6-Dinitro-2-methylphenol
Concen: 53.550 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

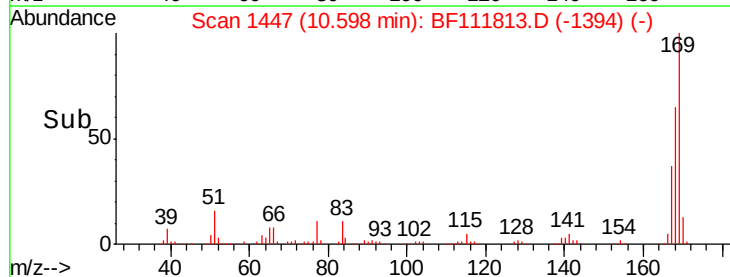
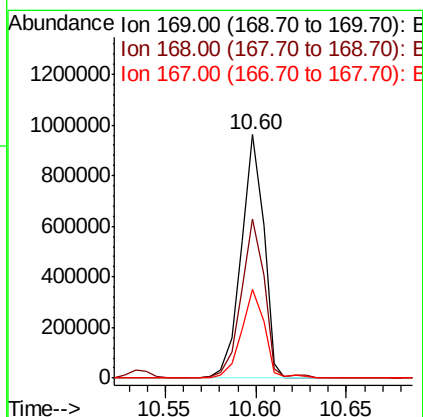
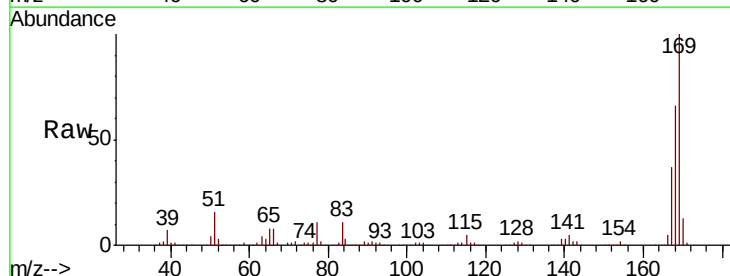
Instrument :
BNA_F
ClientSampled :

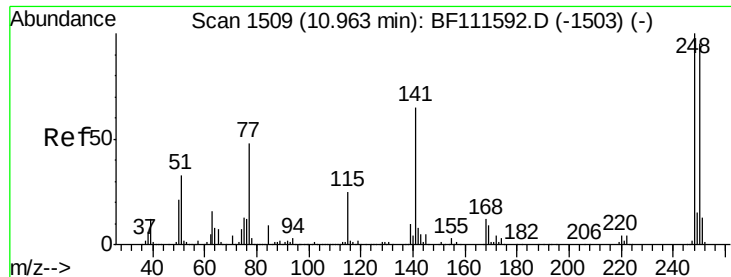
Tot Ion:198 Resp: 124222
Ion Ratio Lower Upper
198 100
51 56.4 48.0 88.0
105 43.4 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 45.092 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:169 Resp: 835558
Ion Ratio Lower Upper
169 100
168 65.6 54.4 81.6
167 36.6 30.5 45.7

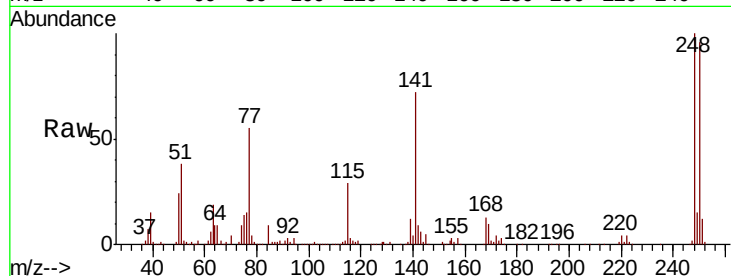




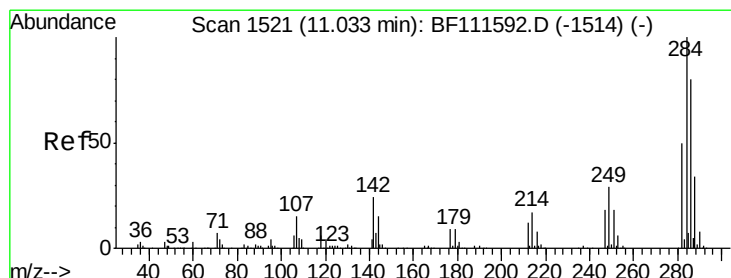
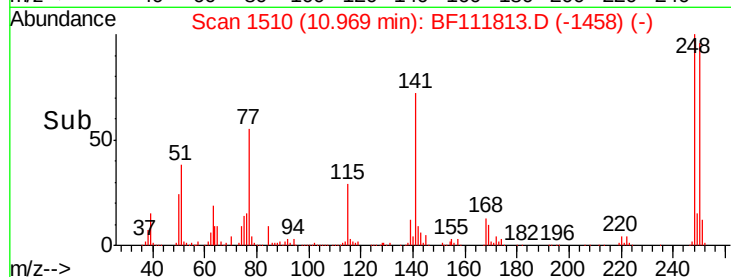
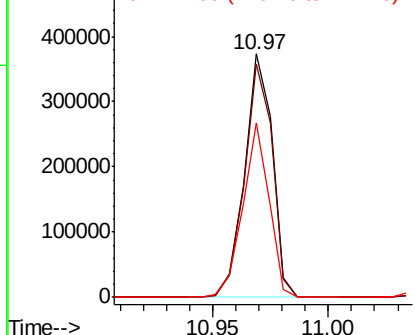
#67
 4-Bromophenyl-phenylether
 Concen: 45.986 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 314852
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.0 115.4
 141 71.9 63.0 94.6

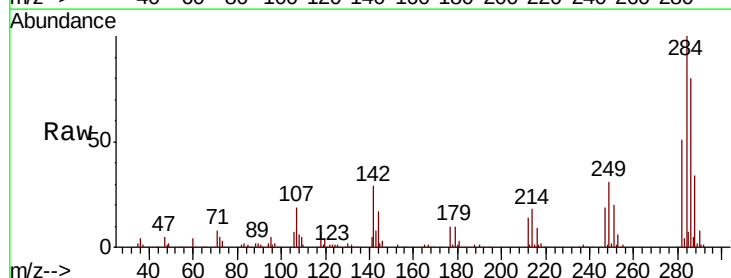


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

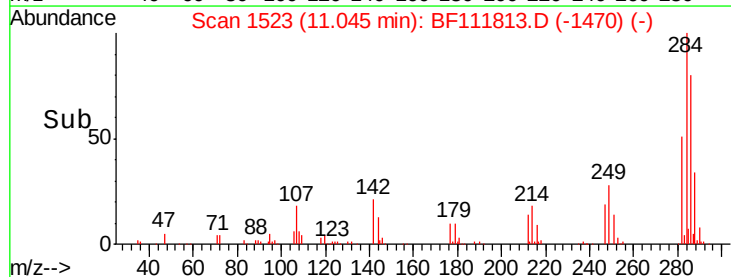
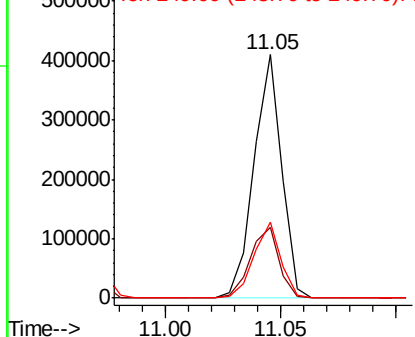


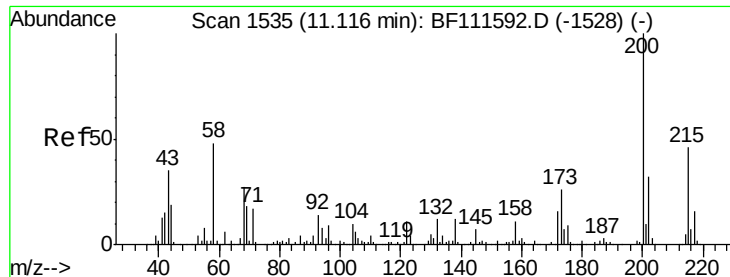
#68
 Hexachlorobenzene
 Concen: 44.964 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion:284 Resp: 343249
 Ion Ratio Lower Upper
 284 100
 142 29.0 27.4 41.2
 249 31.0 24.4 36.6



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: 44.613 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

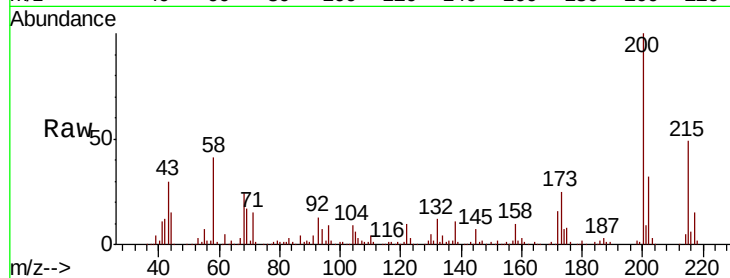
Tot Ion:200 Resp: 287190

Ion Ratio Lower Upper

200 100

173 25.0 10.1 50.1

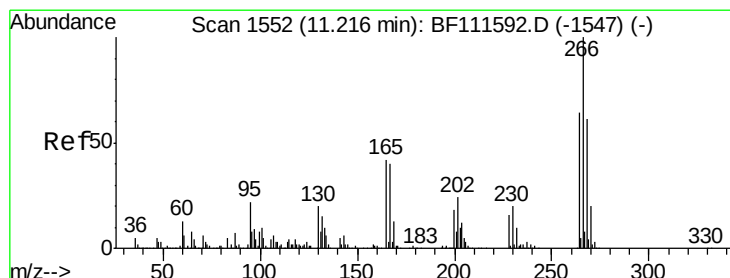
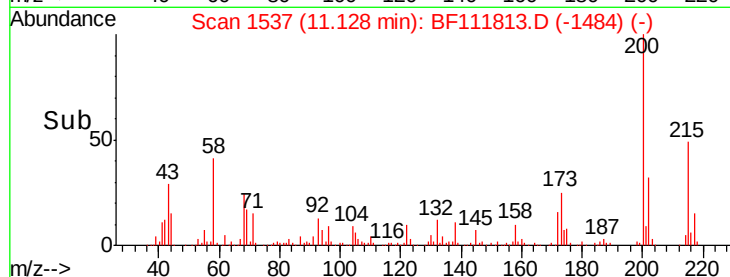
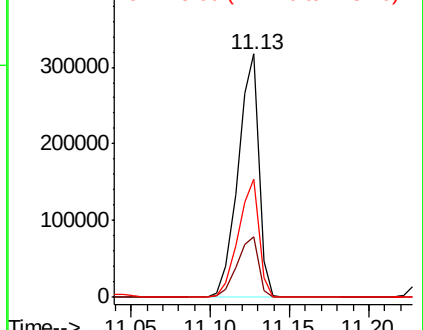
215 48.8 26.9 66.9



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: 64.559 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

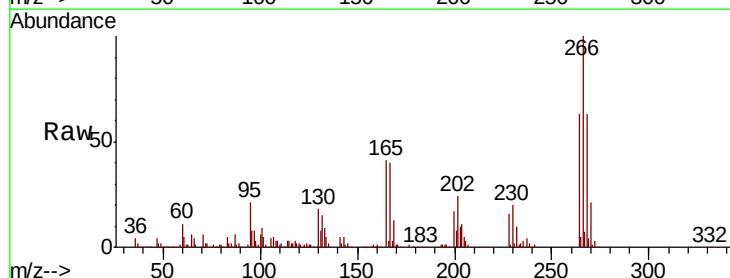
Tgt Ion:266 Resp: 304679

Ion Ratio Lower Upper

266 100

268 62.8 47.9 71.9

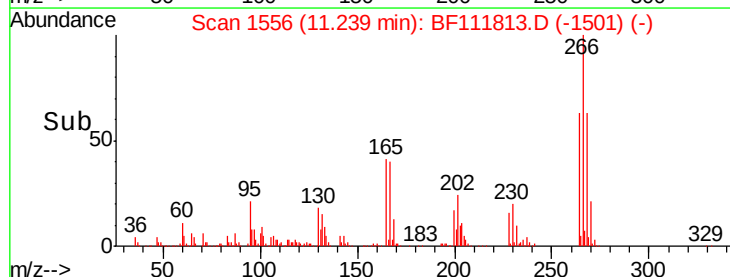
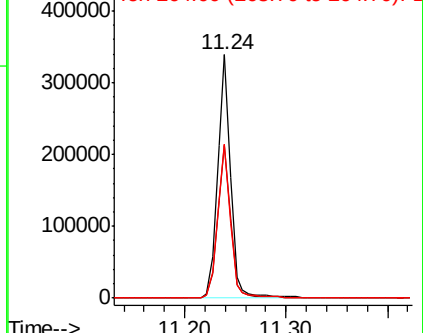
264 63.1 49.1 73.7

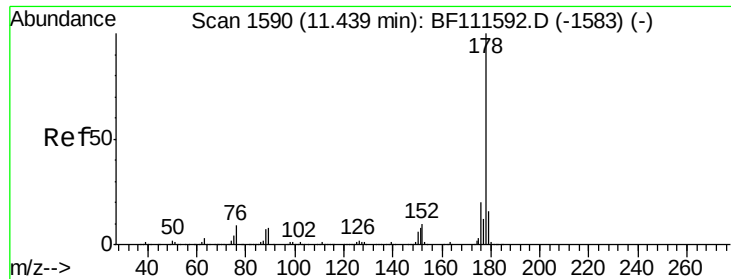


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

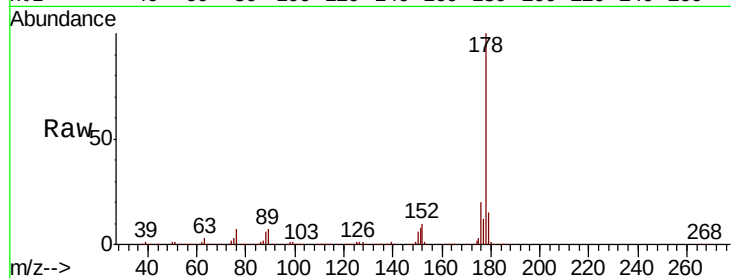




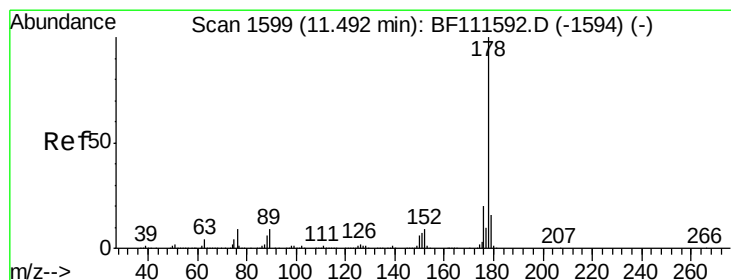
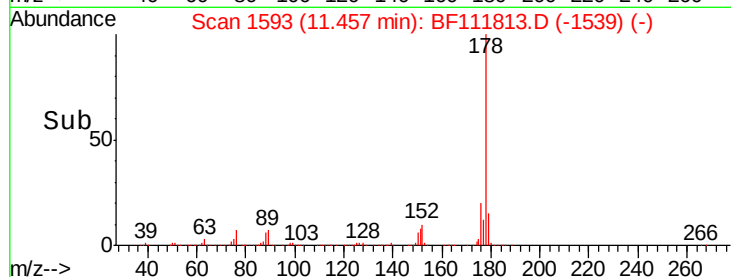
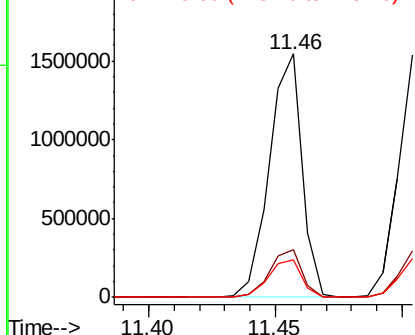
#71
Phenanthrene
Concen: 47.731 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1397344
Ion Ratio Lower Upper
178 100
176 19.6 18.1 27.1
179 15.3 14.0 21.0

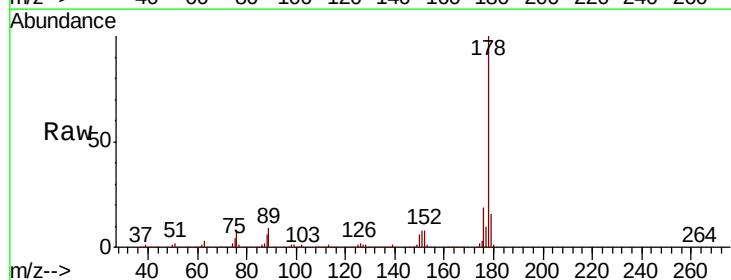


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

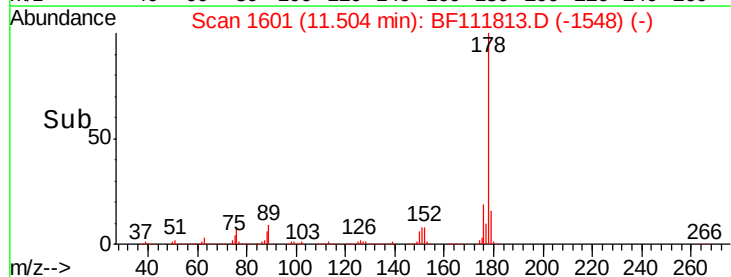
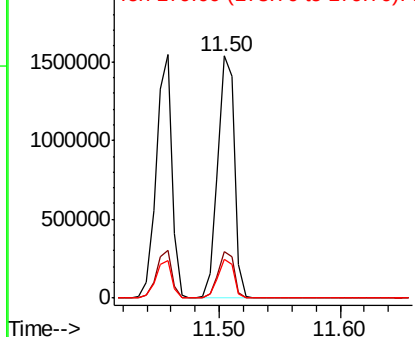


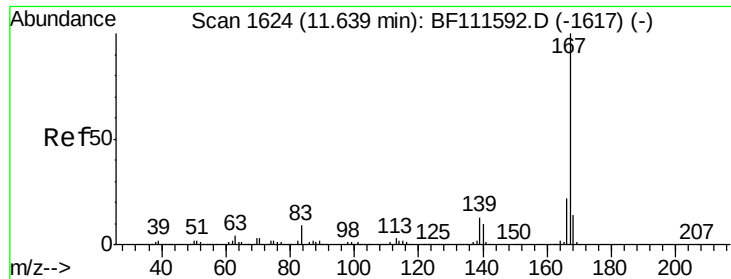
#72
Anthracene
Concen: 49.109 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:178 Resp: 1443046
Ion Ratio Lower Upper
178 100
176 19.0 17.2 25.8
179 15.8 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



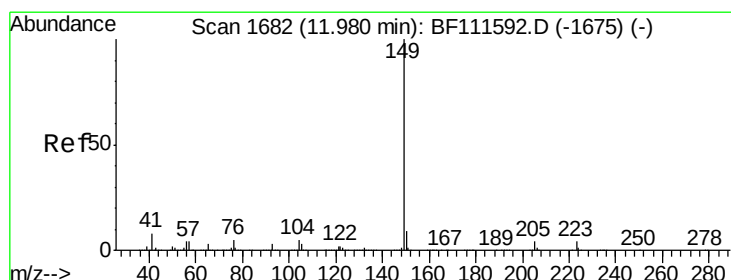
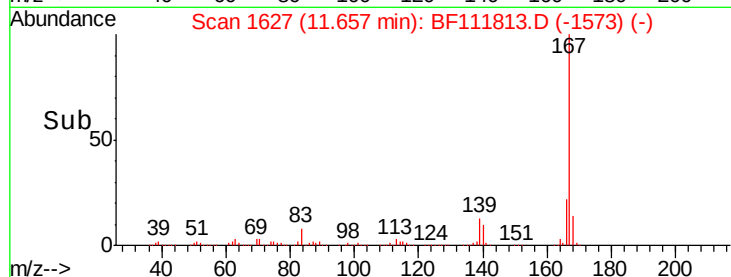
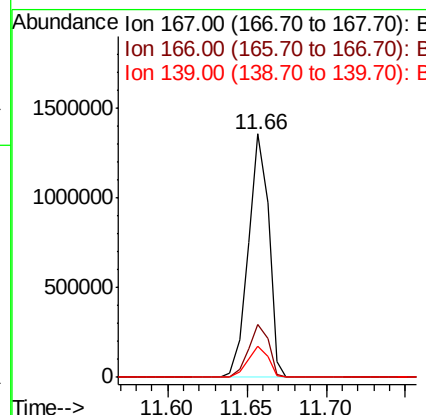
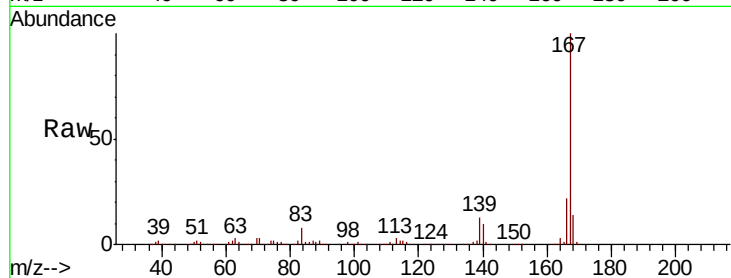


#73
 Carbazole
 Concen: 42.247 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1205253

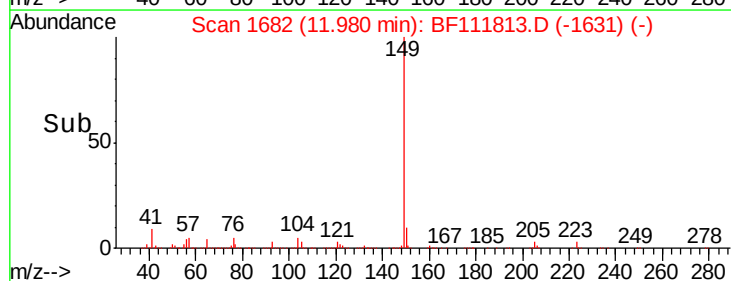
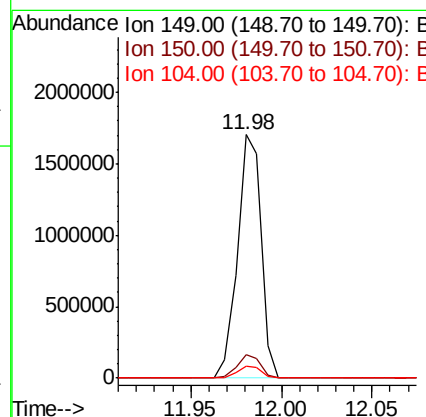
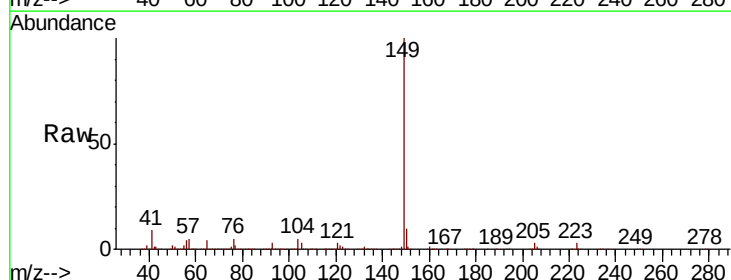
Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	12.9	11.9	17.9

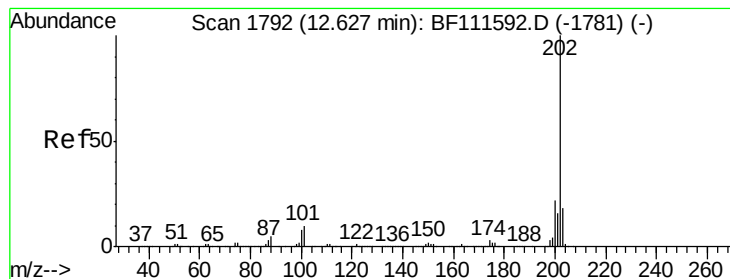


#74
 Di-n-butylphthalate
 Concen: 48.256 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion:149 Resp: 1543544

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.8	13.2
104	5.1	4.5	6.7



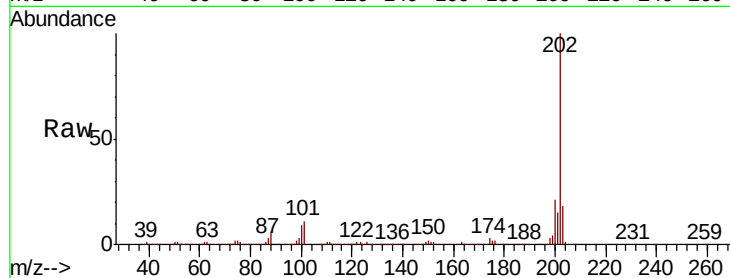


#75
 Fluoranthene
 Concen: 45.001 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

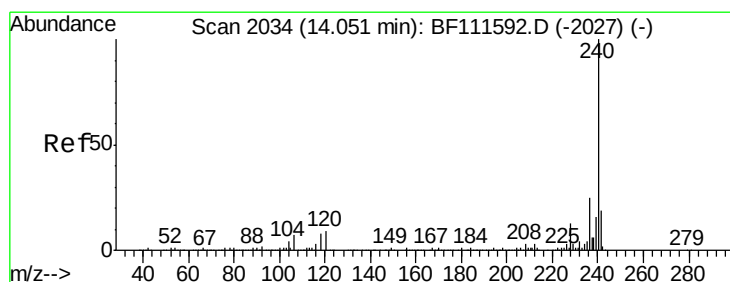
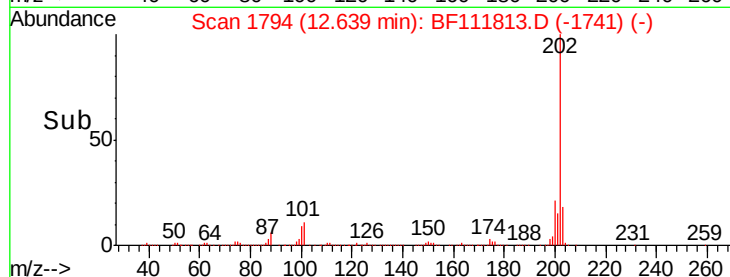
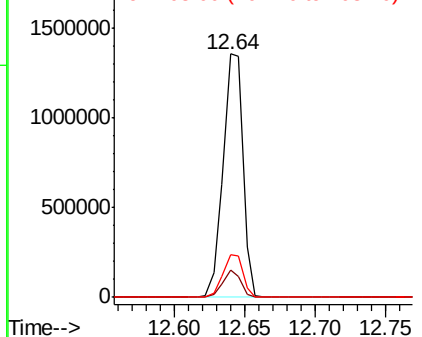
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1334083

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	17.6	0.0	38.6



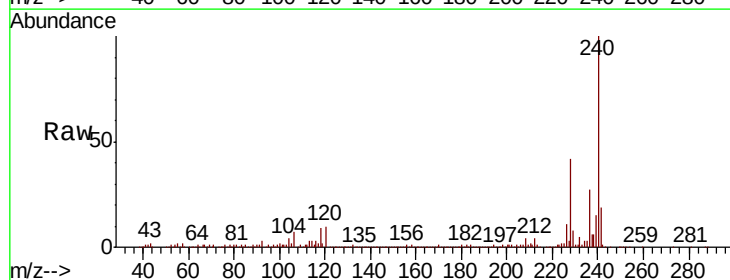
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



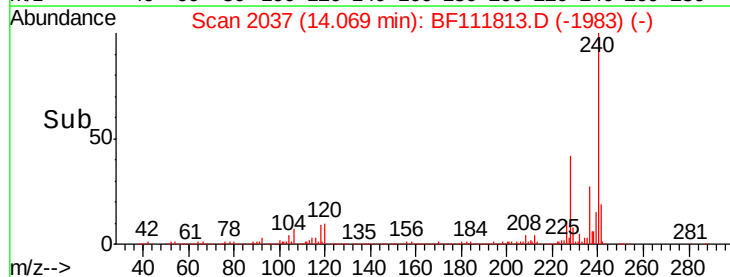
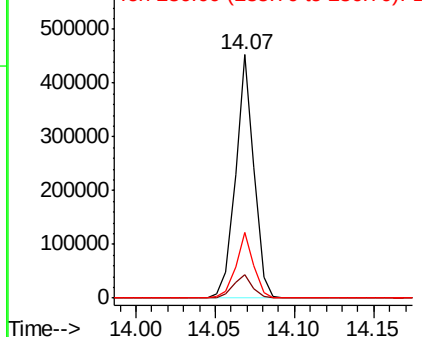
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

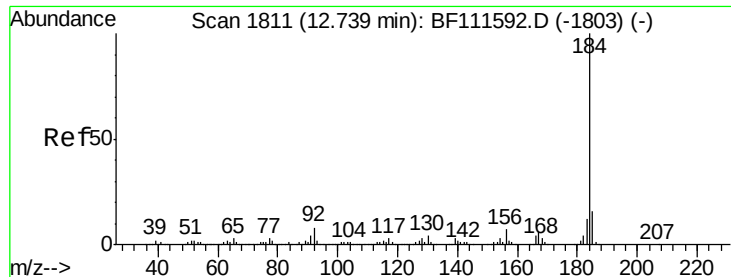
Tgt Ion:240 Resp: 362262

Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.2	18.2#
236	26.9	20.2	30.2



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: 39.321 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

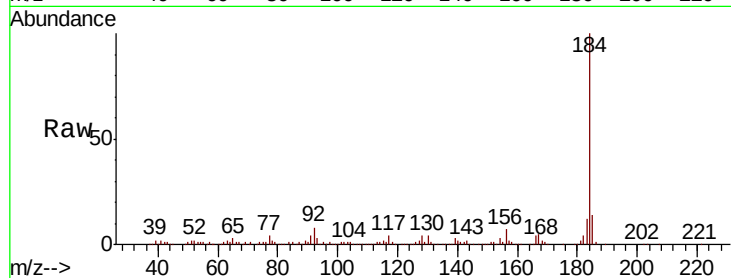
Tot Ion:184 Resp: 536011

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.6
183	12.0	9.3	13.9

184 100

185 13.9 13.0 19.6

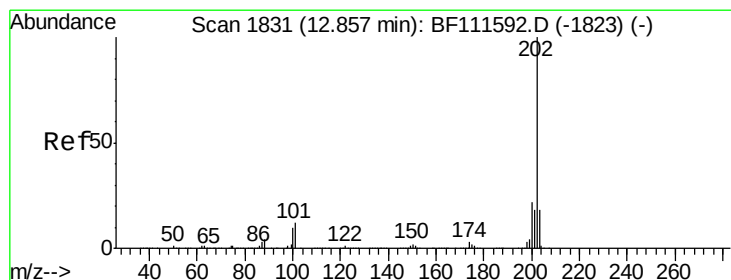
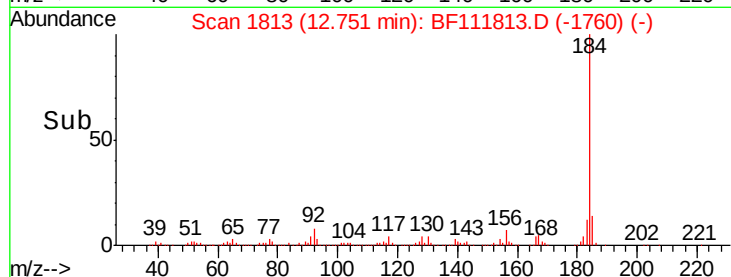
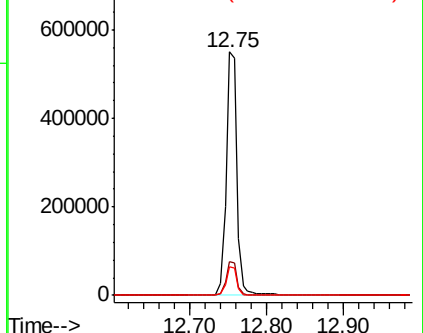
183 12.0 9.3 13.9



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: 51.617 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

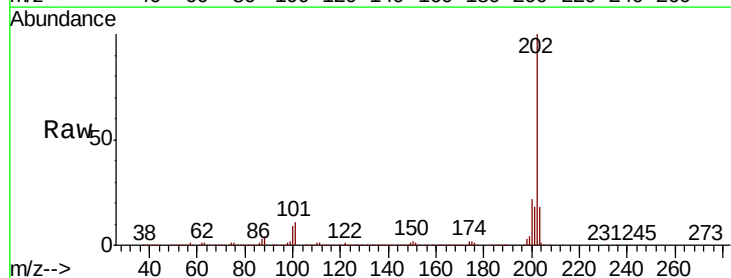
Tgt Ion:202 Resp: 1320480

Ion	Ratio	Lower	Upper
202	100		
200	22.0	19.0	28.4
203	17.5	15.2	22.8

202 100

200 22.0 19.0 28.4

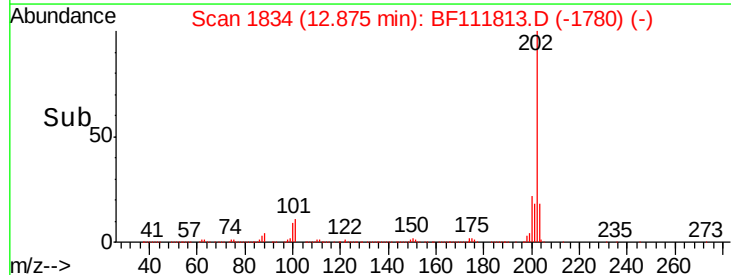
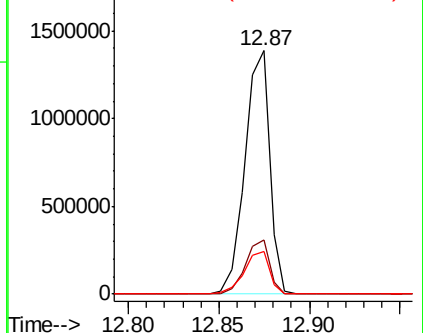
203 17.5 15.2 22.8

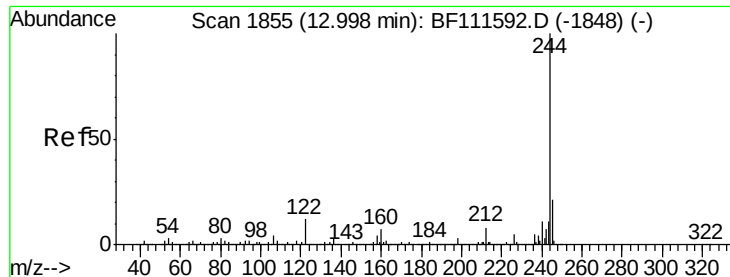


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.242 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampled :

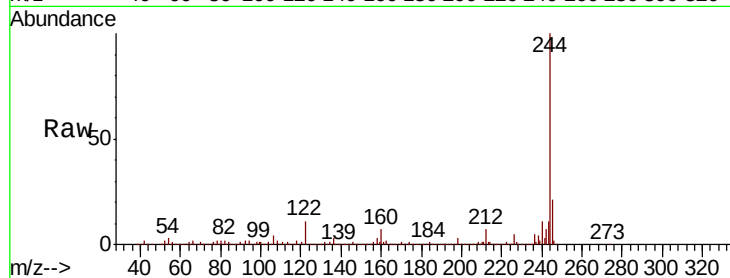
Tot Ion:244 Resp: 1953068

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

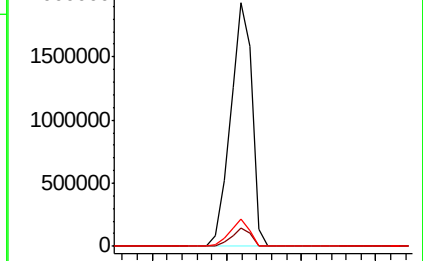
122 11.3 13.1 19.7#



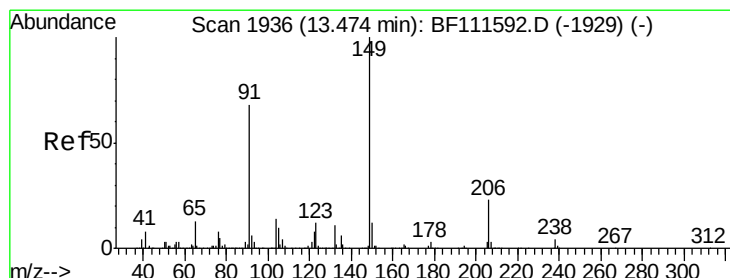
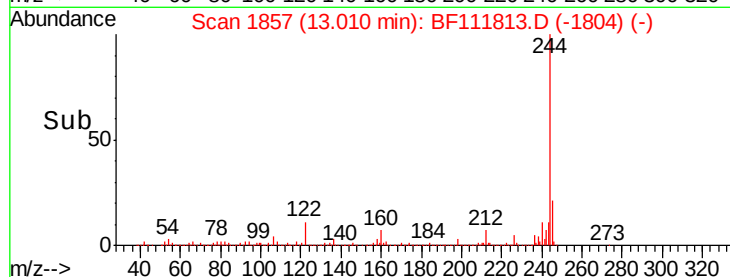
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 51.899 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

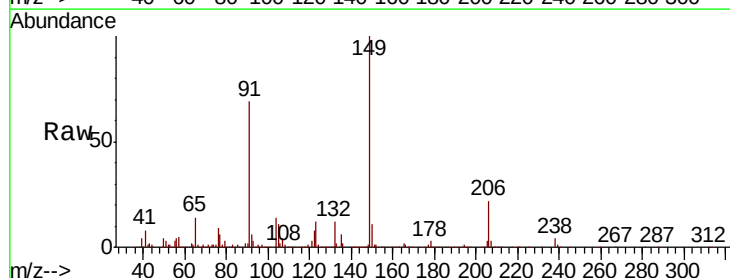
Tgt Ion:149 Resp: 541198

Ion Ratio Lower Upper

149 100

91 69.3 63.8 95.6

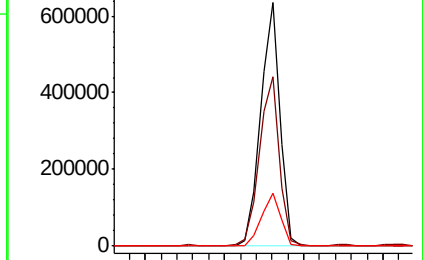
206 22.0 15.1 22.7



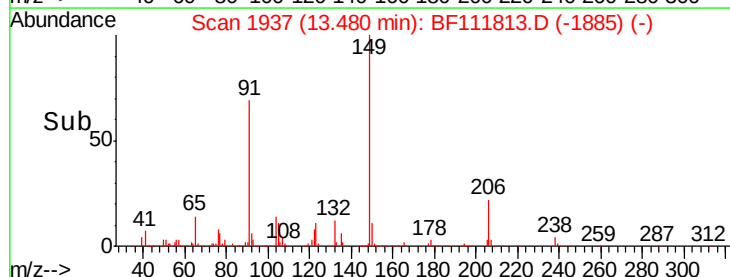
Abundance Ion 149.00 (148.70 to 149.70): E

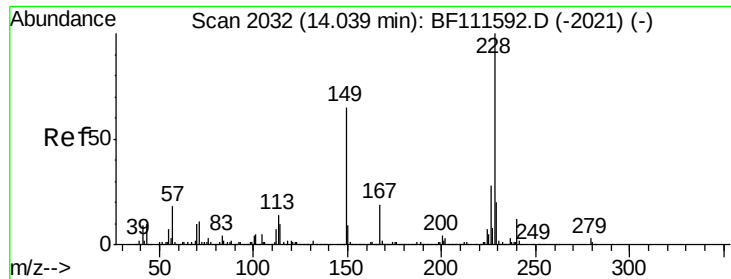
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 49.528 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

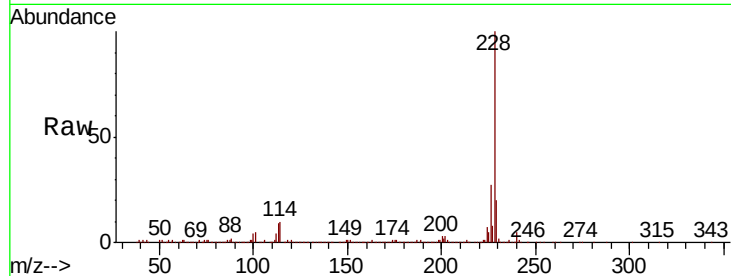
Tot Ion:228 Resp: 1023950

Ion Ratio Lower Upper

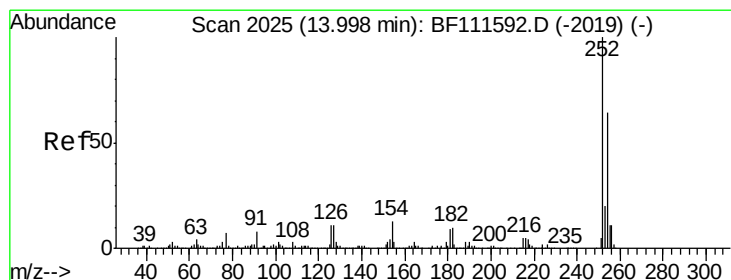
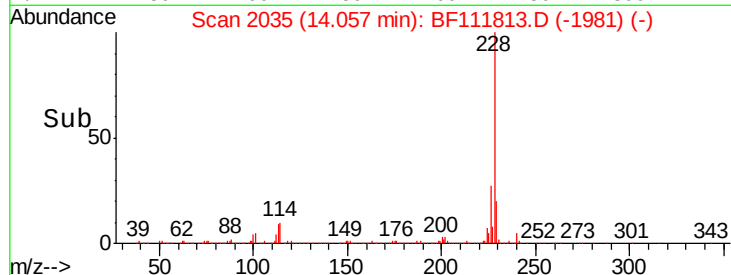
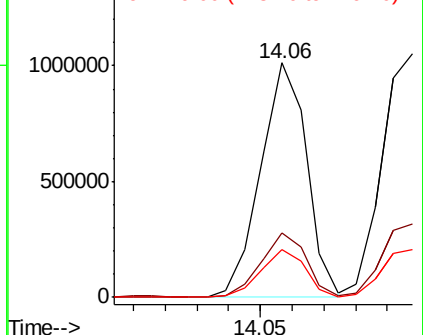
228 100

226 27.3 22.6 34.0

229 20.2 16.3 24.5



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: 39.668 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

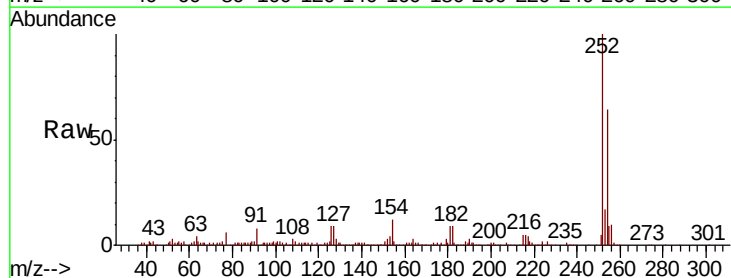
Tgt Ion:252 Resp: 324031

Ion Ratio Lower Upper

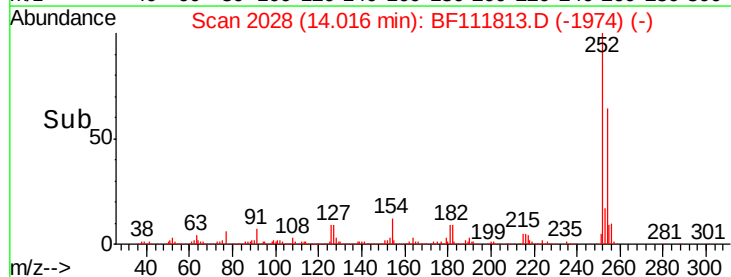
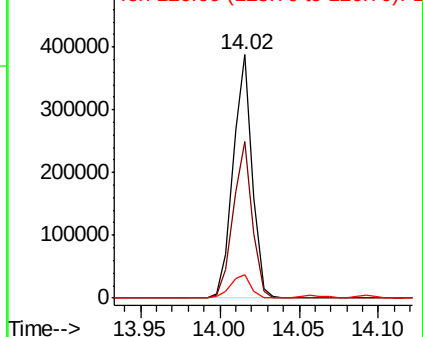
252 100

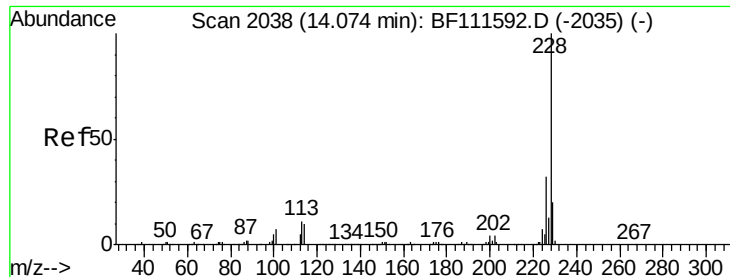
254 64.1 52.7 79.1

126 9.4 11.1 16.7#



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

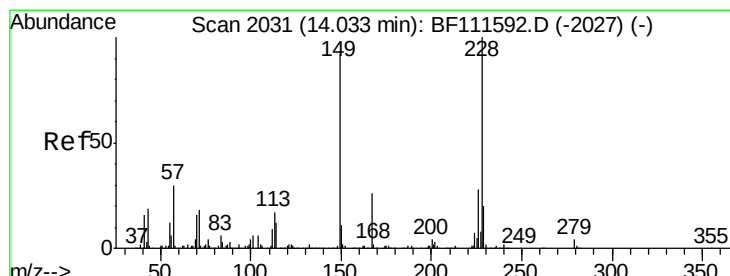
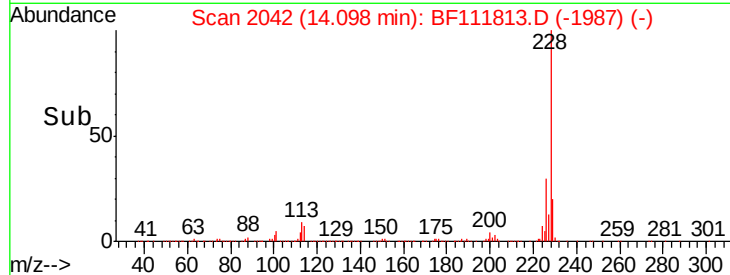
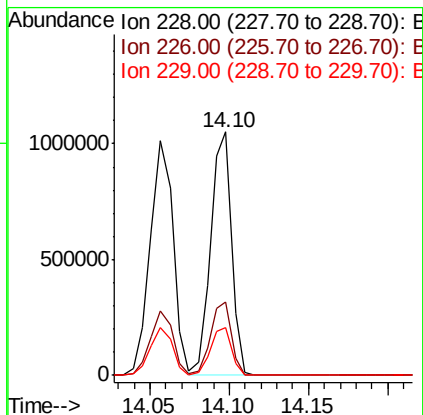
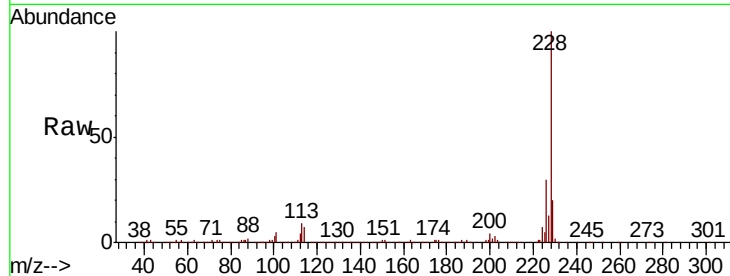




#83
 Chrvsene
 Concen: 47.461 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

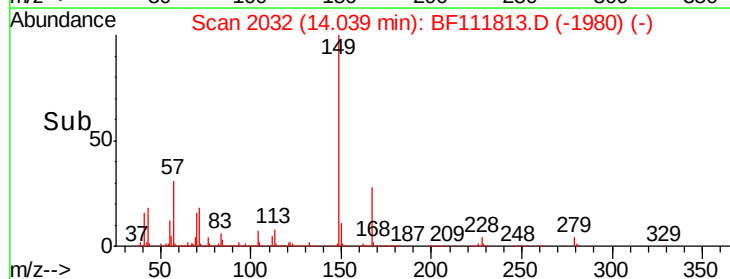
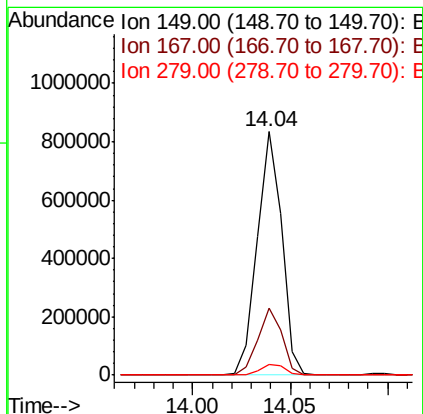
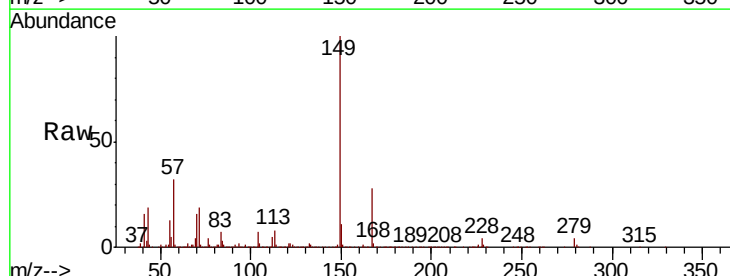
Instrument :
 BNA_F
 ClientSampleId :

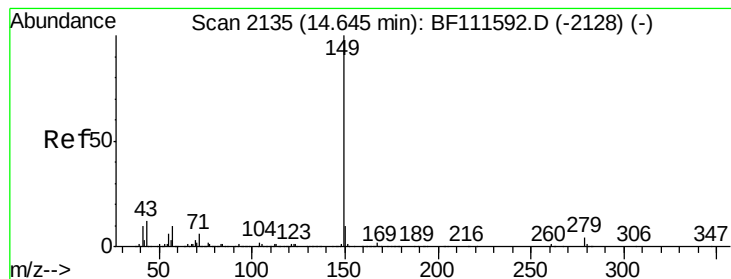
Tot Ion:228 Resp: 964378
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.3 37.9
 229 19.5 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.496 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111813.D
 Acq: 2 Jan 2019 17:04

Tgt Ion:149 Resp: 728942
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.5 33.7
 279 4.2 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 53.432 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

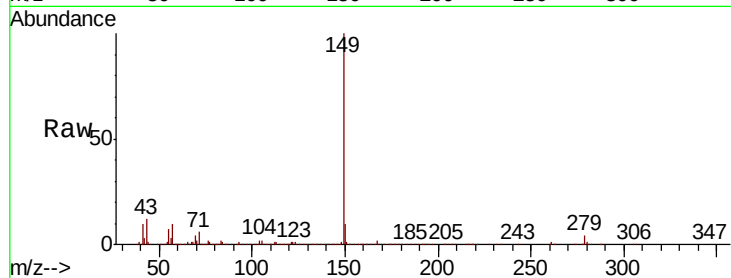
Tot Ion:149 Resp: 1087391

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

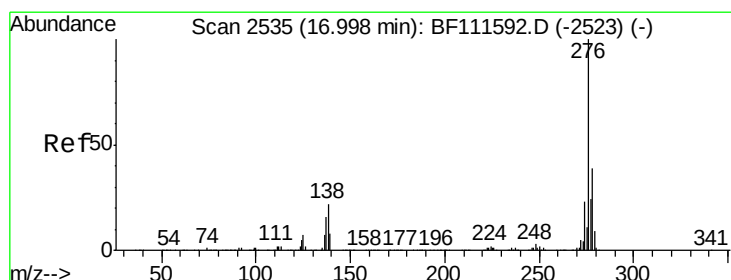
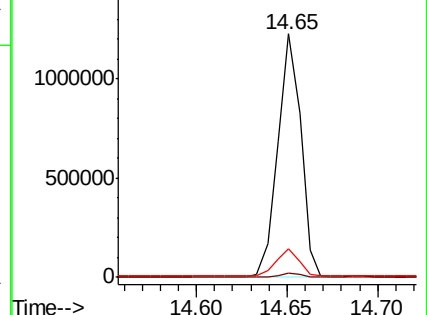
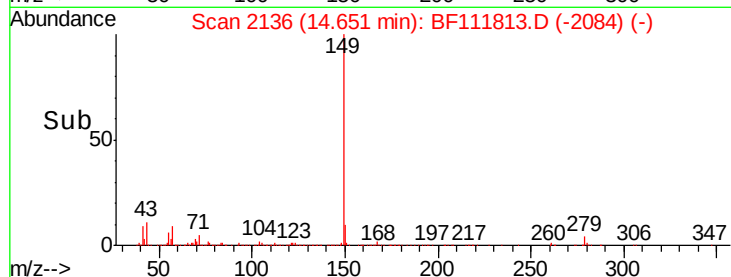
43 11.1 10.9 16.3



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: 66.029 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.06 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

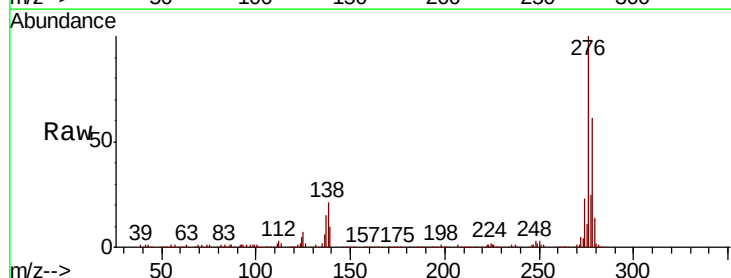
Tgt Ion:276 Resp: 1140566

Ion Ratio Lower Upper

276 100

138 22.7 27.8 41.6#

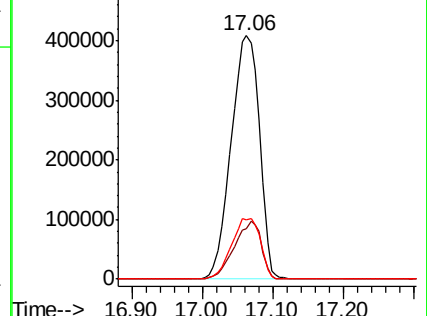
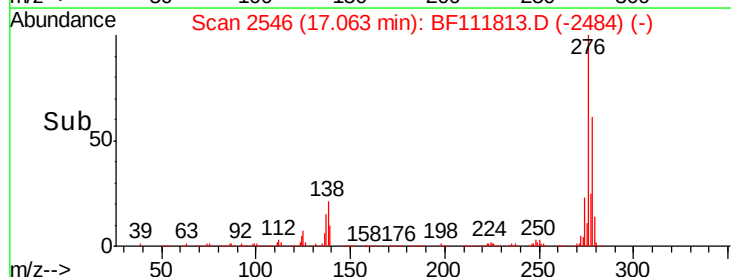
277 25.5 20.1 30.1

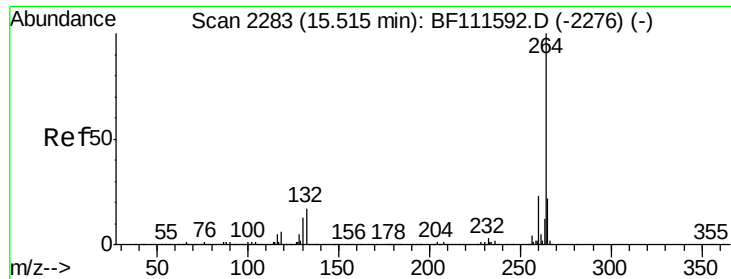


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



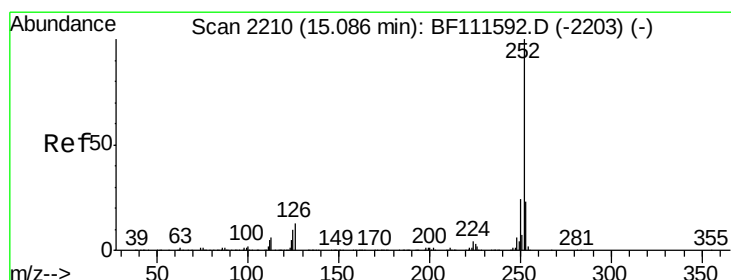
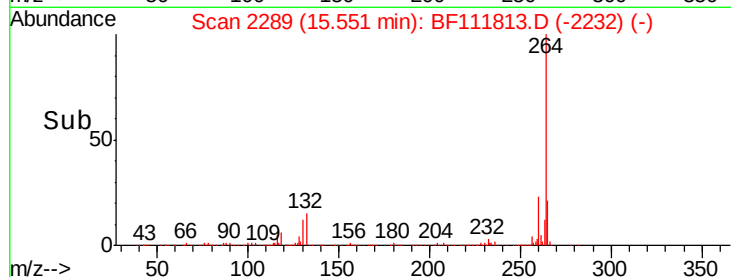
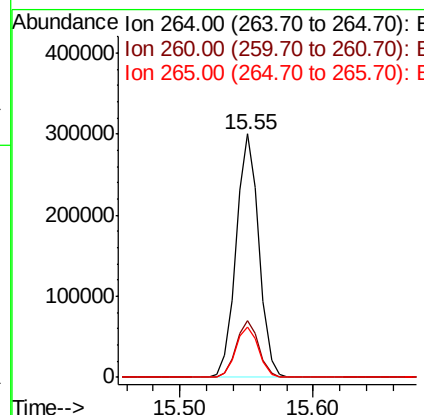
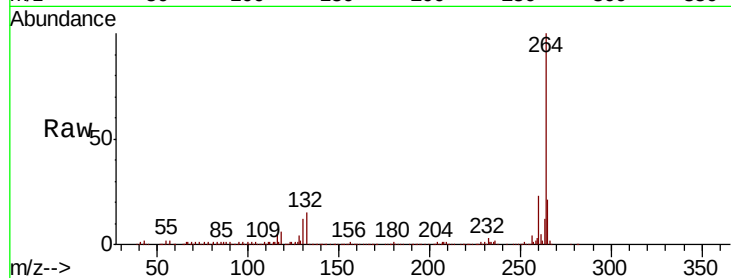


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 358678

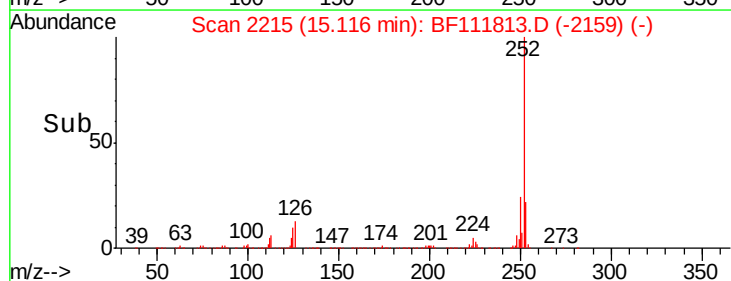
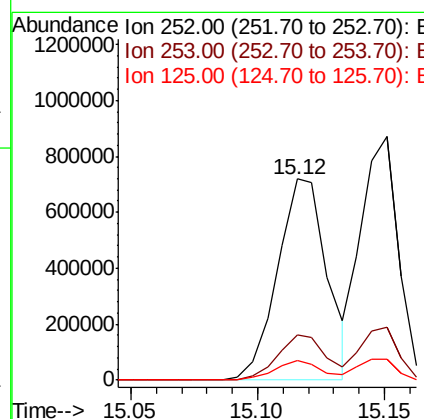
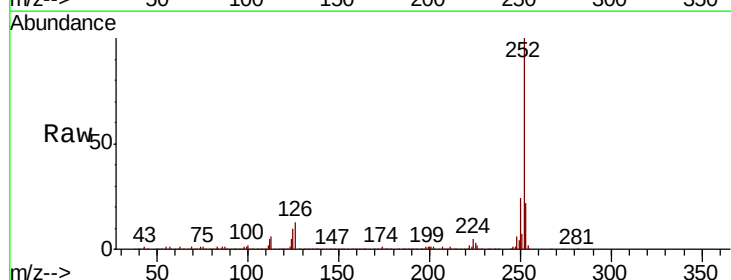
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.9	17.7	26.5

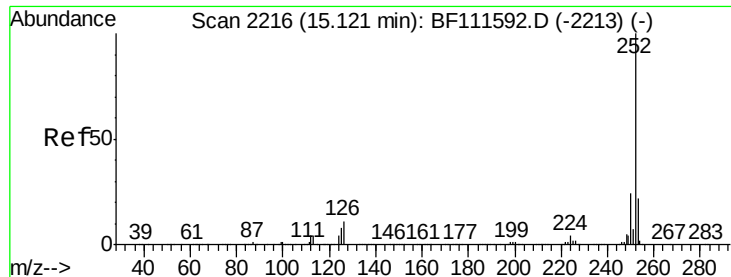


#88
Benzo(b)fluoranthene
Concen: 47.006 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:252 Resp: 985374

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.9	10.4	15.6#

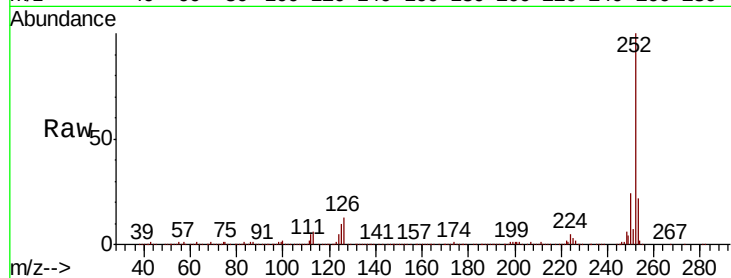




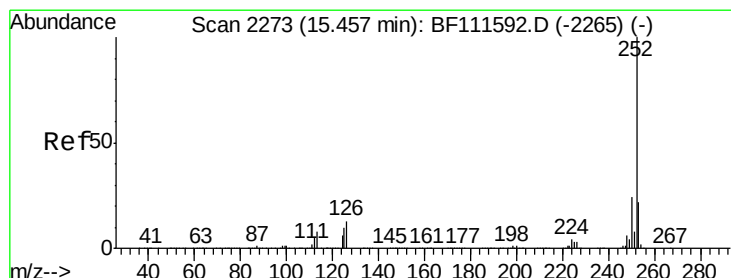
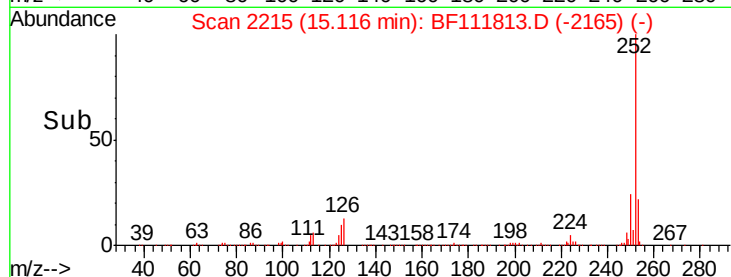
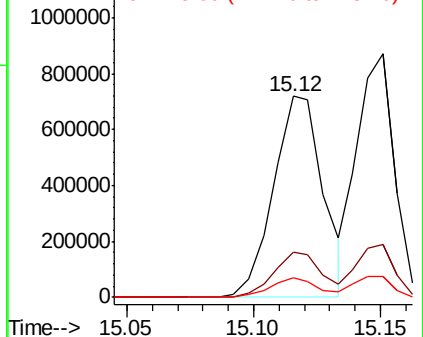
#89
Benzo(k)fluoranthene
Concen: 49.375 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 985374
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.9 9.8 14.8

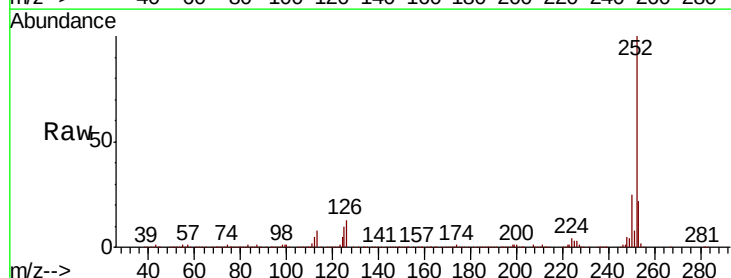


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

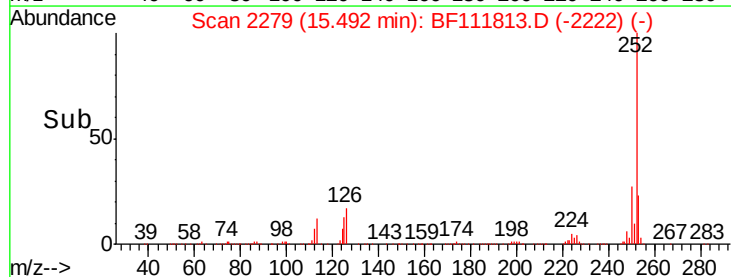
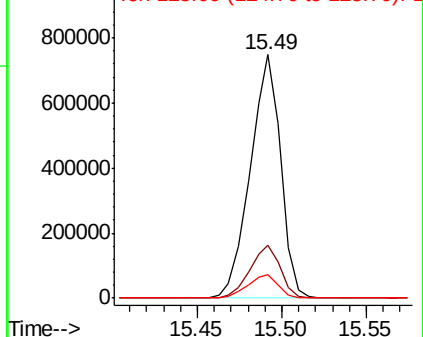


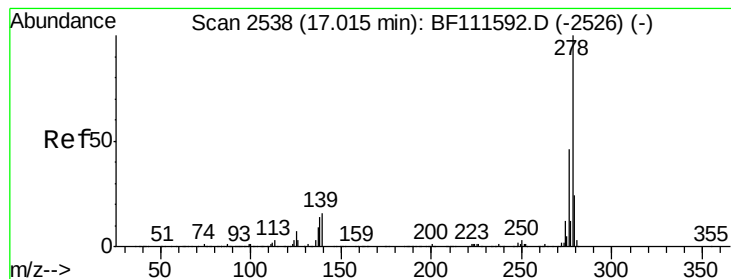
#90
Benzo(a)pyrene
Concen: 48.989 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111813.D
Acq: 2 Jan 2019 17:04

Tgt Ion:252 Resp: 932969
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 9.6 12.3 18.5#



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: 56.618 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.06 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

Instrument :

BNA_F

ClientSampleId :

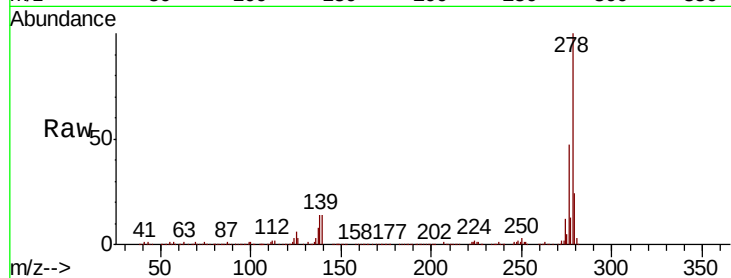
Tot Ion:278 Resp: 944211

Ion Ratio Lower Upper

278 100

139 13.7 18.2 27.4#

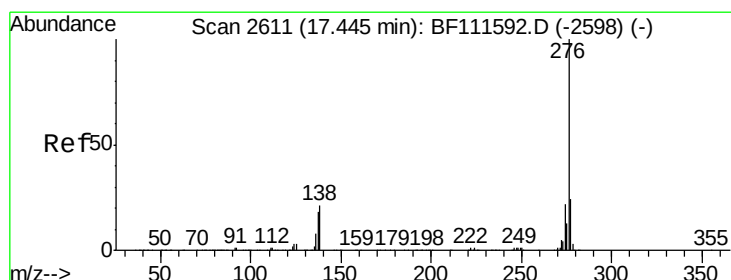
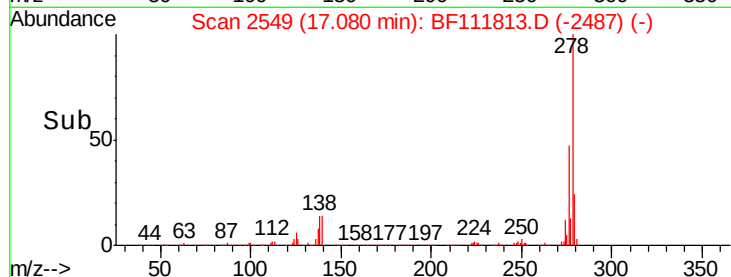
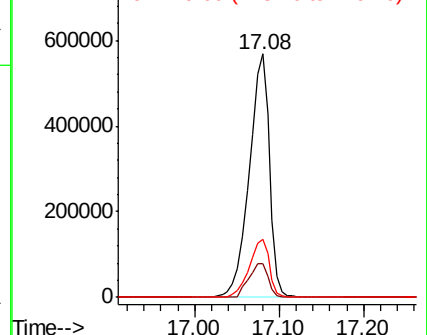
279 23.6 19.0 28.6



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: 59.028 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.08 min

Lab File: BF111813.D

Acq: 2 Jan 2019 17:04

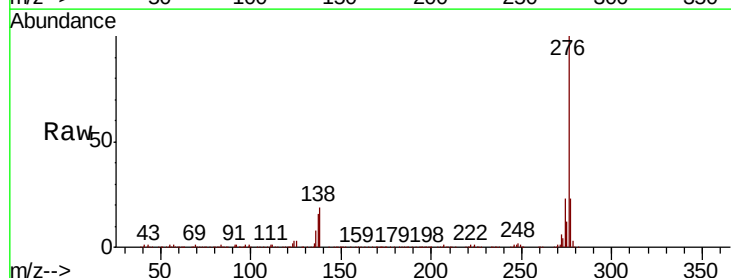
Tgt Ion:276 Resp: 961245

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 19.1 24.9 37.3#



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

