

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111808.D
 Acq On : 2 Jan 2019 13:48
 Operator : JU/SJ
 Sample : PB116085BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 14:20:59 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	179787	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	673483	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	350838	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	679381	20.00	ng	0.01
76) Chrysene-d12	14.07	240	479397	20.00	ng	0.02
87) Perylene-d12	15.55	264	325154	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1256506	119.13	ng	0.04
7) Phenol-d6	6.55	99	1596895	118.96	ng	0.03
23) Nitrobenzene-d5	7.46	82	883682	76.37	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	552803	133.35	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1726236	71.72	ng	0.00
79) Terphenyl-d14	13.01	244	1955313	77.35	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	173359	34.934	ng	97
3) Pyridine	3.57	79	488366	37.774	ng	99
4) n-Nitrosodimethylamine	3.53	42	268973	42.510	ng	82
6) Aniline	6.57	93	469286	27.427	ng	# 29
8) 2-Chlorophenol	6.70	128	486179	41.611	ng	99
9) Benzaldehyde	6.45	77	126315	13.682	ng	97
10) Phenol	6.56	94	567599	37.476	ng	# 67
11) bis(2-Chloroethyl)ether	6.64	93	449409	39.597	ng	99
12) 1,3-Dichlorobenzene	6.85	146	552656	40.815	ng	98
13) 1,4-Dichlorobenzene	6.92	146	556573	40.530	ng	99
14) 1,2-Dichlorobenzene	7.07	146	526300	41.078	ng	98
15) Benzyl Alcohol	7.05	79	437863	41.072	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	749130	35.839	ng	75
17) 2-Methylphenol	7.17	107	390019	41.688	ng	# 86
18) Hexachloroethane	7.42	117	199231	43.053	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	345981	38.810	ng	98
20) 3+4-Methylphenols	7.32	107	495951	41.953	ng	# 85
22) Acetophenone	7.31	105	664059	38.920	ng	# 92
24) Nitrobenzene	7.48	77	521071	42.969	ng	97
25) Isophorone	7.72	82	927231	45.141	ng	99
26) 2-Nitrophenol	7.80	139	256532	52.160	ng	# 91
27) 2,4-Dimethylphenol	7.85	122	428894	44.238	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	571609	41.819	ng	97
29) 2,4-Dichlorophenol	8.05	162	435053	41.719	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	469086	40.367	ng	97
31) Naphthalene	8.21	128	1409038	43.543	ng	97
32) Benzoic acid	7.94	122	77944	12.159	ng	91
33) 4-Chloroaniline	8.25	127	338112	24.174	ng	99
34) Hexachlorobutadiene	8.33	225	289235	40.839	ng	99
35) Caprolactam	8.62	113	79605	22.528	ng	99
36) 4-Chloro-3-methylphenol	8.75	107	441836	43.103	ng	98
37) 2-Methylnaphthalene	8.90	142	972072	46.171	ng	98
38) 1-Methylnaphthalene	9.00	142	924014	45.698	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	462412	40.110	ng	98

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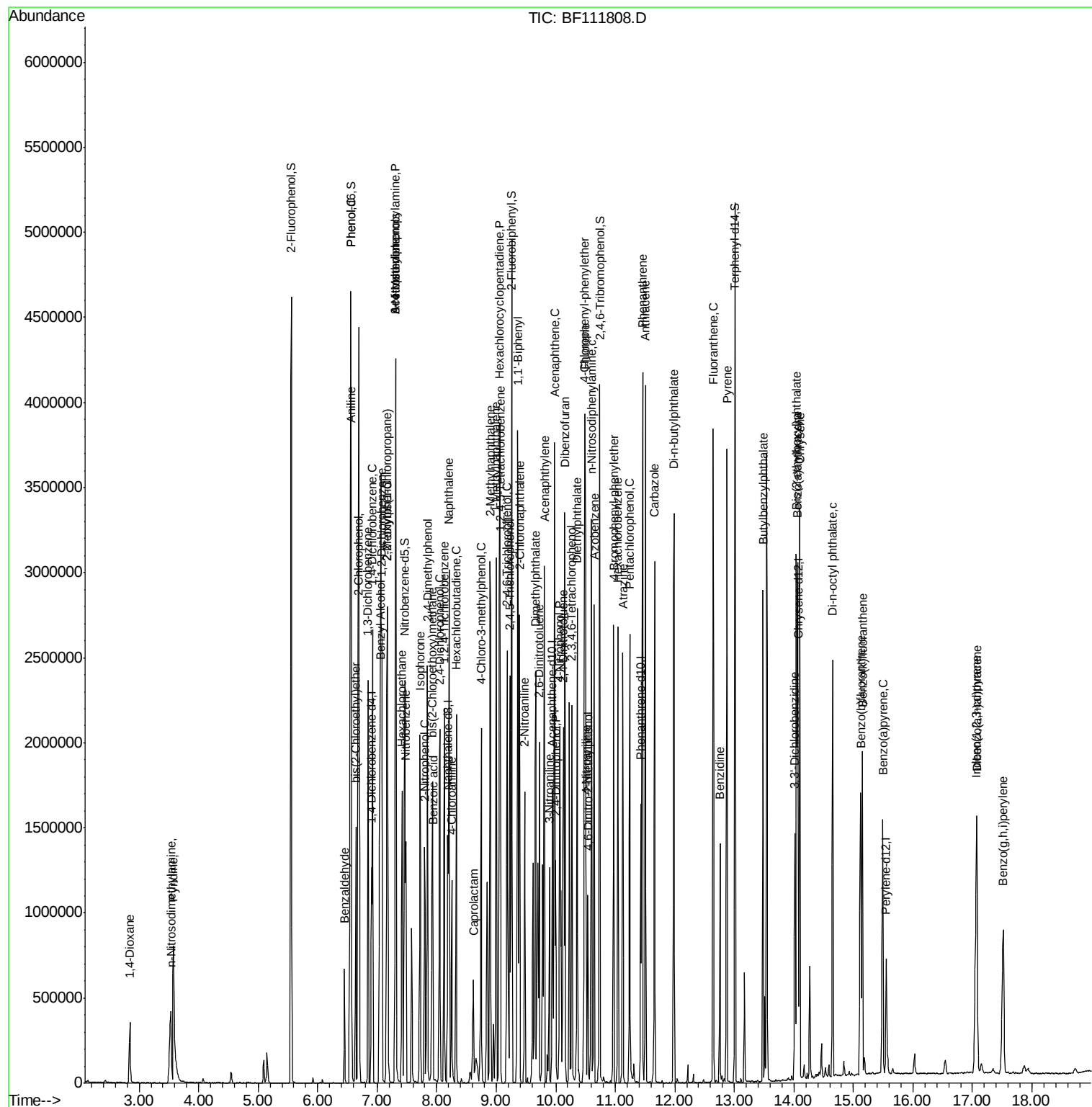
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	612408	109.469	ng	100
43) 2,4,6-Trichlorophenol	9.18	196	316412	41.108	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	327868	41.522	ng	93
46) 1,1'-Biphenyl	9.36	154	1190456	40.196	ng	95
47) 2-Chloronaphthalene	9.39	162	941503	40.125	ng	94
48) 2-Nitroaniline	9.48	65	293511	48.083	ng	98
49) Acenaphthylene	9.81	152	1498717	43.746	ng	95
50) Dimethylphthalate	9.66	163	1111344	43.318	ng	98
51) 2,6-Dinitrotoluene	9.72	165	249235	48.719	ng	91
52) Acenaphthene	9.98	154	940643	44.517	ng	96
53) 3-Nitroaniline	9.89	138	181098	33.193	ng	96
54) 2,4-Dinitrophenol	10.00	184	156716	94.044	ng	93
55) Dibenzofuran	10.15	168	1330561	41.680	ng	96
56) 4-Nitrophenol	10.07	139	373110	89.610	ng	90
57) 2,4-Dinitrotoluene	10.13	165	333907	54.308	ng	# 98
58) Fluorene	10.49	166	1035941	45.034	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	289487	43.563	ng	90
60) Diethylphthalate	10.36	149	1084441	43.090	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	519529	40.879	ng	96
62) 4-Nitroaniline	10.51	138	251132	47.359	ng	89
63) Azobenzene	10.65	77	1025313	40.581	ng	93
65) 4,6-Dinitro-2-methylphenol	10.54	198	129824	46.482	ng	80
66) n-Nitrosodiphenylamine	10.60	169	912872	40.029	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	342092	40.597	ng	# 89
68) Hexachlorobenzene	11.05	284	379019	40.341	ng	97
69) Atrazine	11.13	200	308092	38.887	ng	97
70) Pentachlorophenol	11.24	266	322634	55.547	ng	98
71) Phenanthrene	11.46	178	1525057	42.327	ng	95
72) Anthracene	11.51	178	1571065	43.442	ng	96
73) Carbazole	11.66	167	1361302	38.771	ng	95
74) Di-n-butylphthalate	11.99	149	1641933	41.708	ng	96
75) Fluoranthene	12.64	202	1540475	42.221	ng	96
77) Benzidine	12.76	184	523014	28.993	ng	97
78) Pyrene	12.87	202	1529575	45.182	ng	97
80) Butylbenzylphthalate	13.48	149	639244	46.323	ng	93
81) Benzo(a)anthracene	14.06	228	1228397	44.899	ng	98
82) 3,3'-Dichlorobenzidine	14.02	252	275306	25.468	ng	# 97
83) Chrysene	14.10	228	1120061	41.654	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	817838	47.050	ng	98
85) Di-n-octyl phthalate	14.65	149	1149100	42.668	ng	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	906849	39.671	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	875901	46.092	ng	# 94
89) Benzo(k)fluoranthene	15.15	252	820866	45.373	ng	# 95
90) Benzo(a)pyrene	15.49	252	780783	45.224	ng	# 94
91) Dibenzo(a,h)anthracene	17.08	278	749868	49.600	ng	# 91
92) Benzo(g,h,i)perylene	17.52	276	777884	52.693	ng	# 87

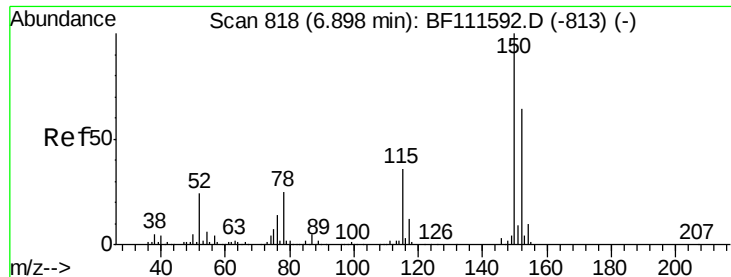
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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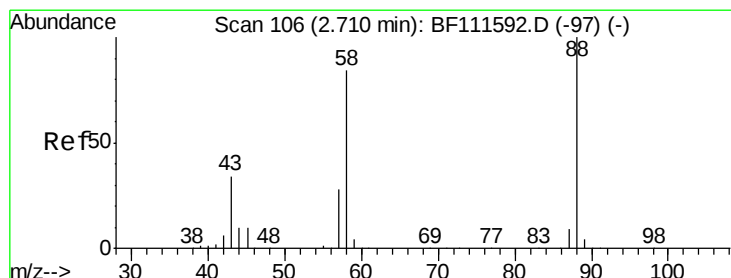
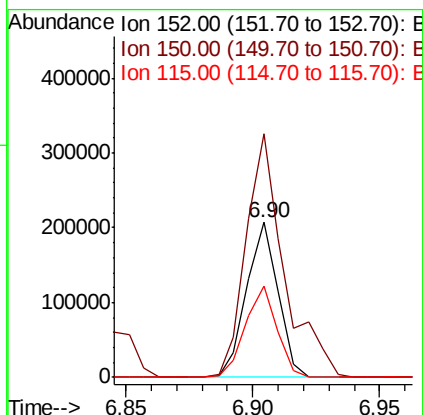
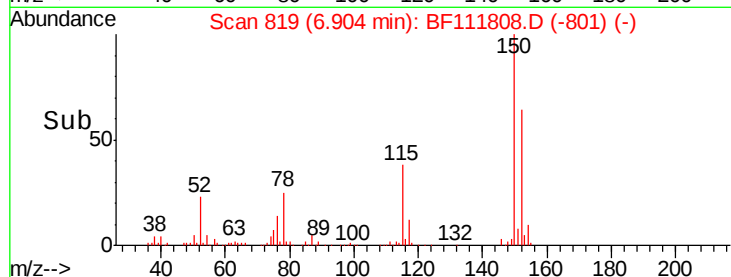
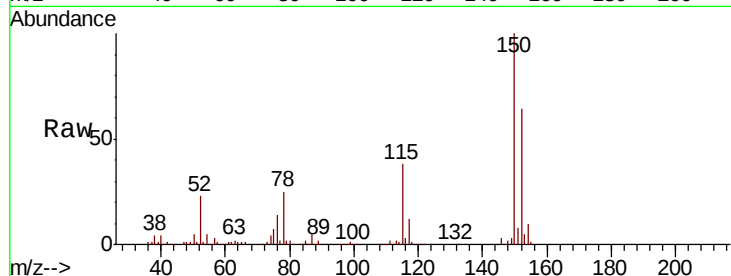


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

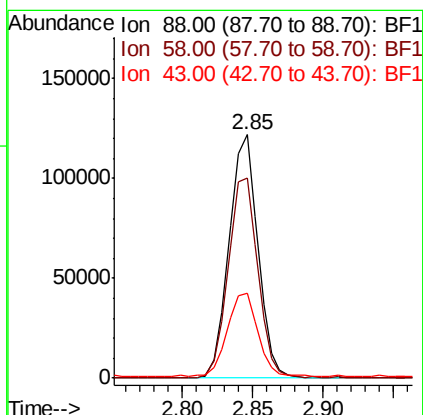
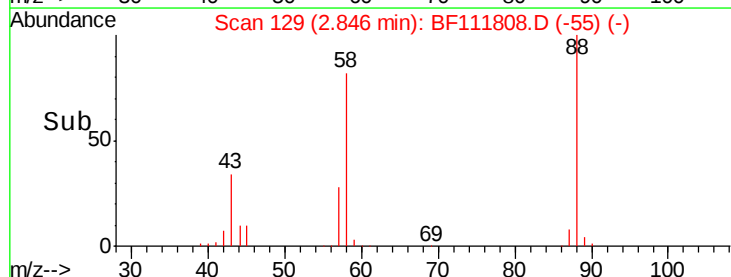
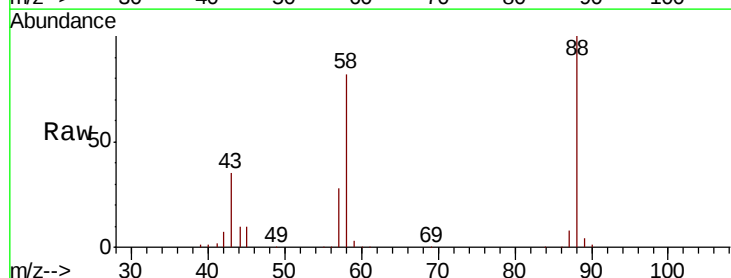
Tot Ion:152 Resp: 179787
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 59.0 50.7 76.1

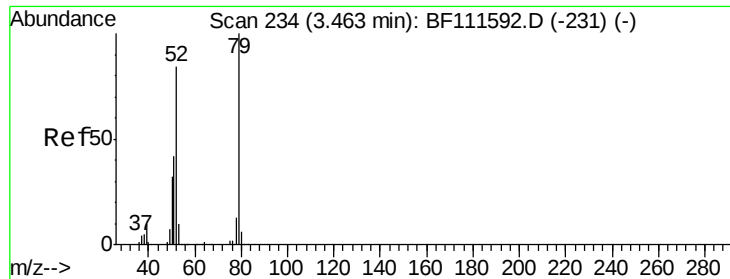


#2

1,4-Dioxane
Concen: 34.934 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.14 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion: 88 Resp: 173359
Ion Ratio Lower Upper
88 100
58 85.0 68.9 103.3
43 36.9 25.8 38.6





#3

Pvridine

Concen: 37.774 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.11 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

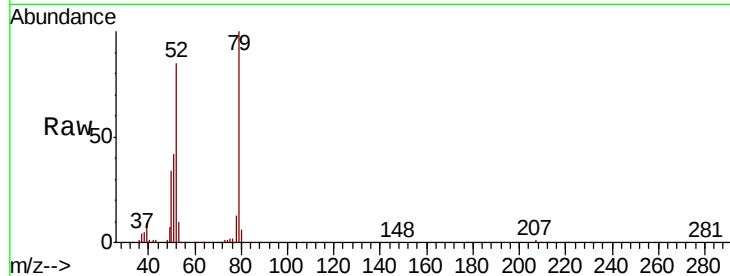
Tot Ion: 79 Resp: 488366

Ion Ratio Lower Upper

79 100

52 85.3 68.3 102.5

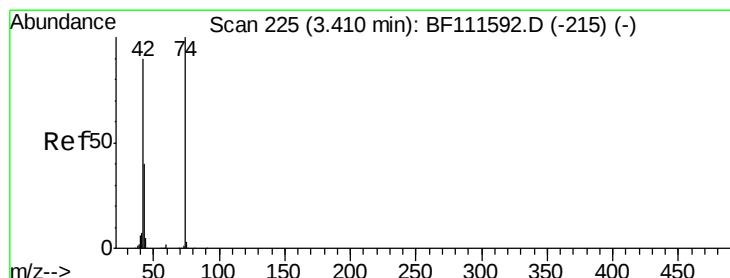
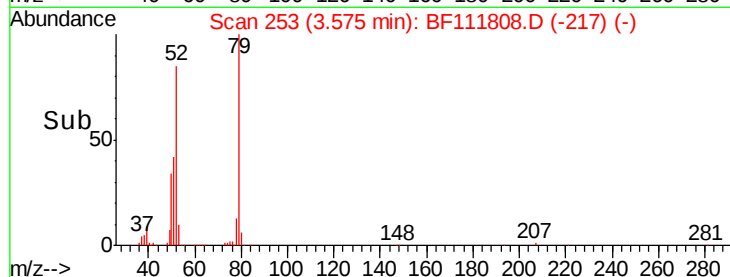
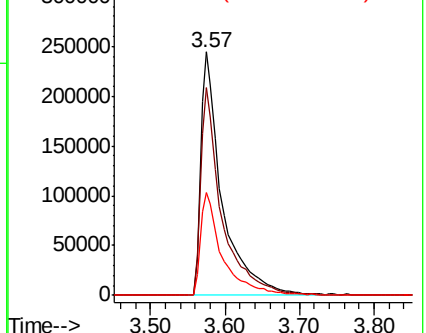
51 42.3 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.510 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.12 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

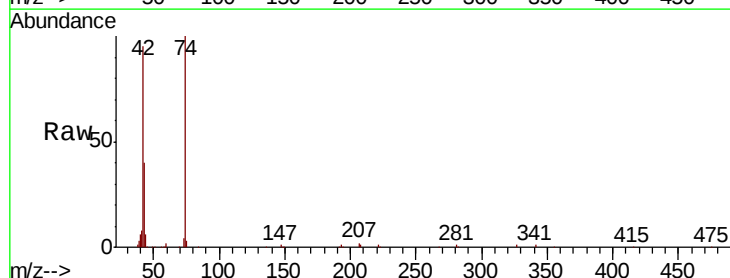
Tgt Ion: 42 Resp: 268973

Ion Ratio Lower Upper

42 100

74 105.8 101.5 152.3

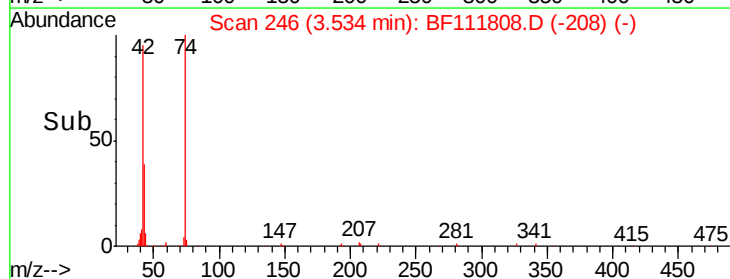
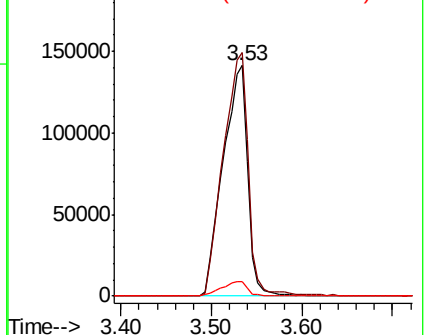
44 6.4 6.0 9.0

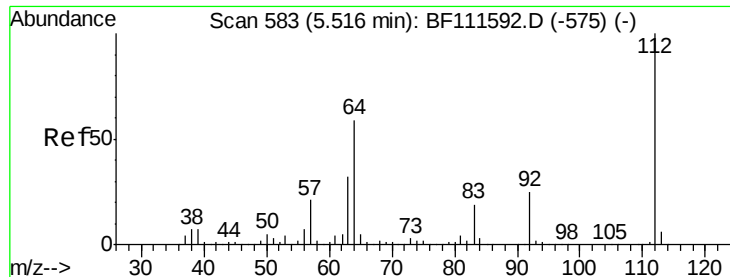


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.127 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.04 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

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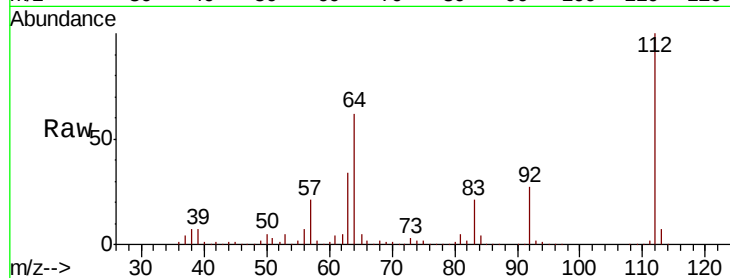
Tot Ion:112 Resp: 1256506

Ion Ratio Lower Upper

112 100

64 61.9 51.8 77.6

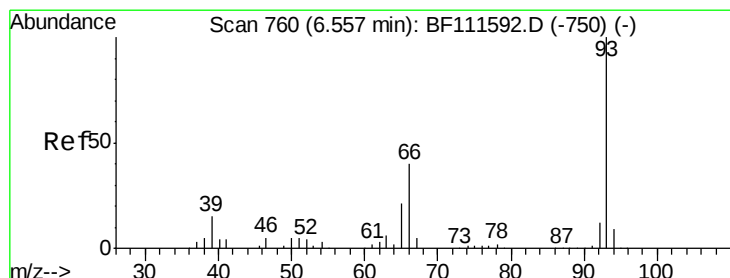
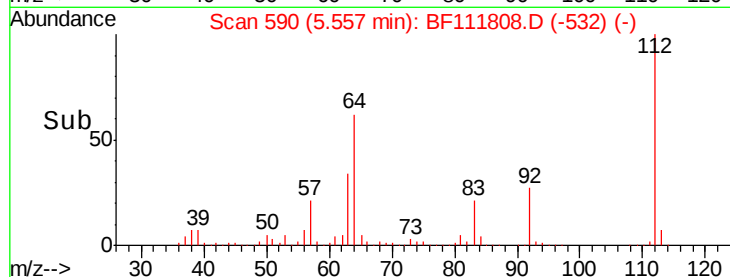
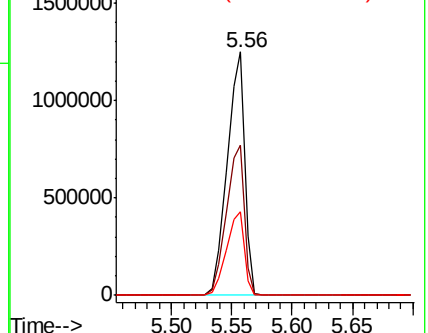
63 34.2 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.427 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

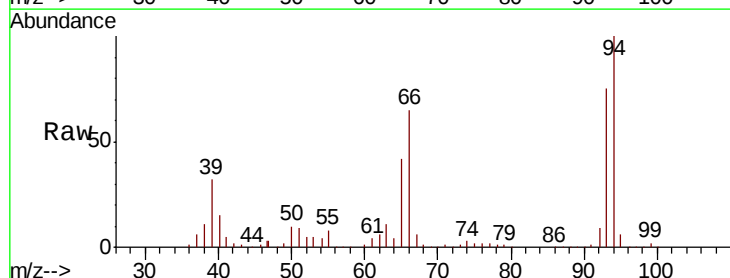
Tgt Ion: 93 Resp: 469286

Ion Ratio Lower Upper

93 100

66 85.8 33.2 49.8#

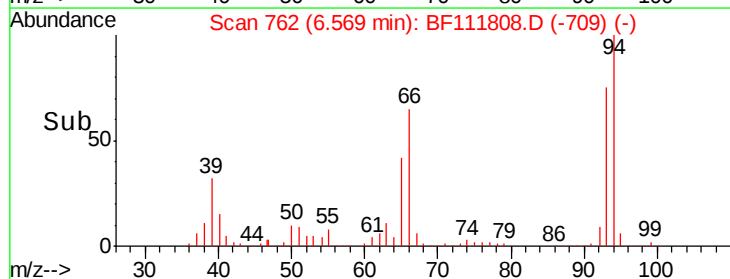
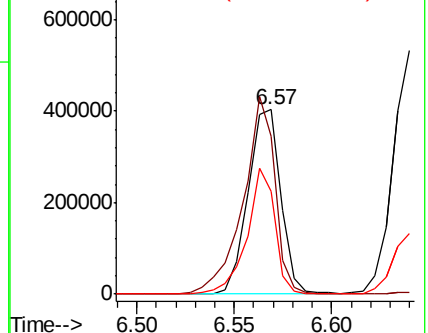
65 55.7 17.0 25.4#

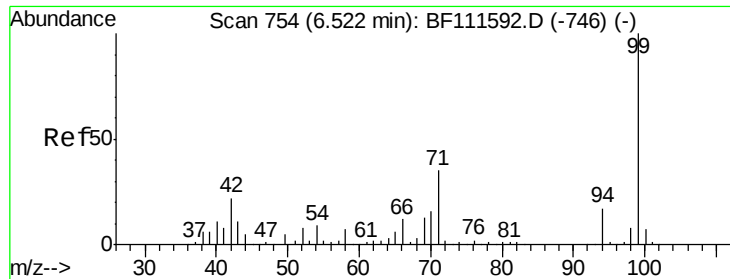


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.964 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

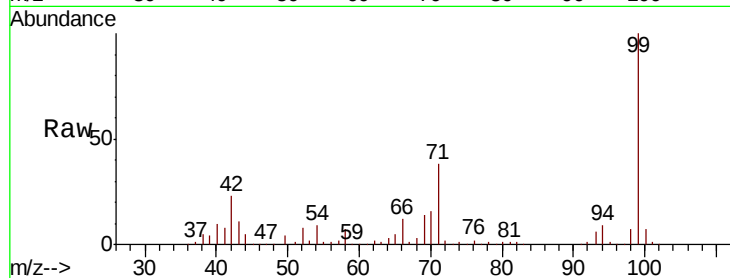
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1596895

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.4	26.0
71	38.2	26.1	39.1

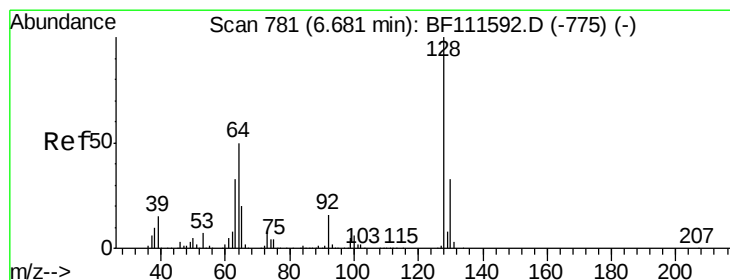
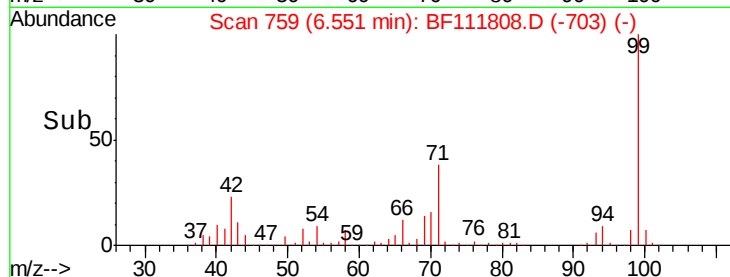
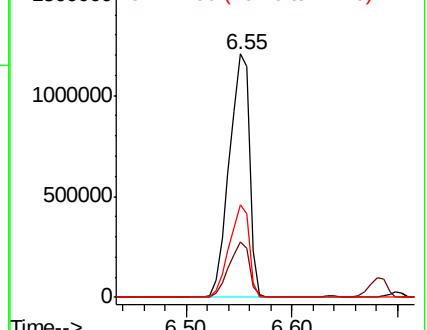


Abundance

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: 41.611 ng

RT: 6.70 min Scan# 784

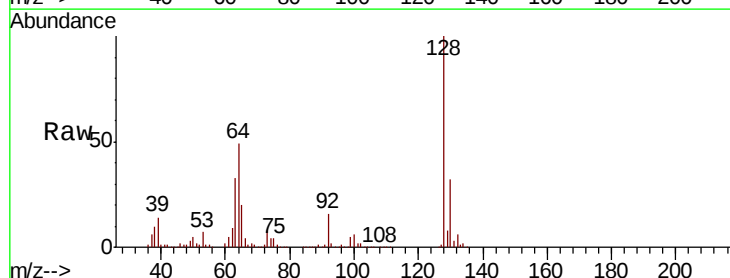
Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion: 128 Resp: 486179

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.7	52.7
64	49.1	30.0	70.0

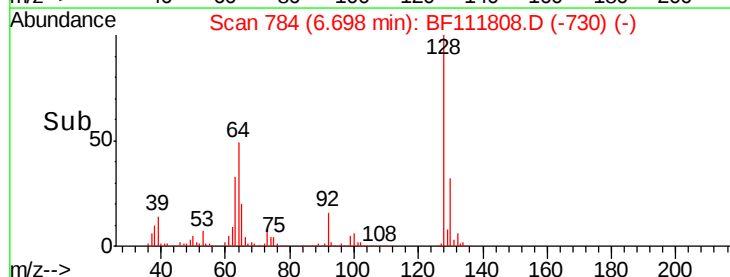
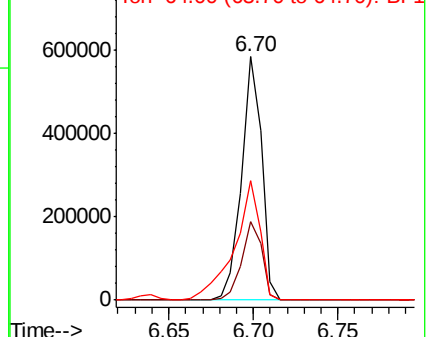


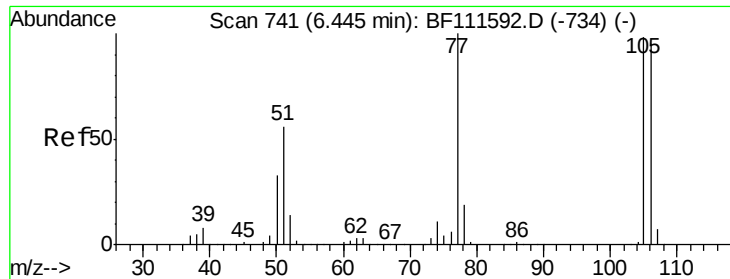
Abundance

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: 13.682 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

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ClientSampleId :

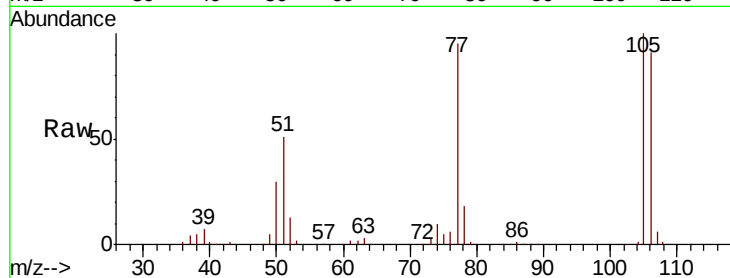
Tot Ion: 77 Resp: 126315

Ion Ratio Lower Upper

77 100

105 105.6 81.4 121.4

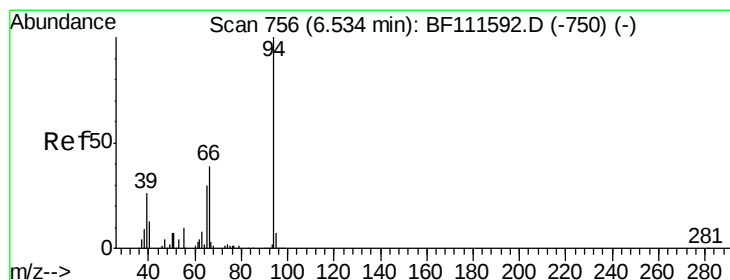
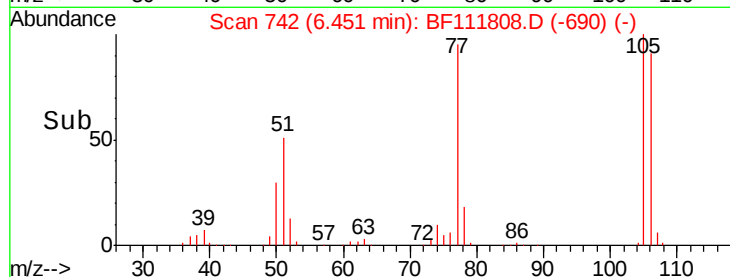
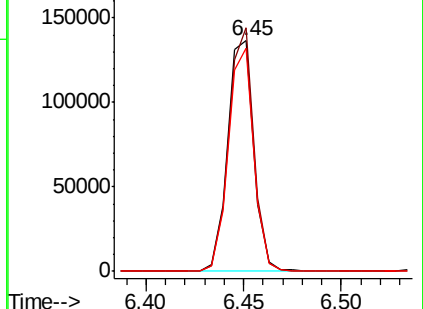
106 96.6 77.9 117.9



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: 37.476 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

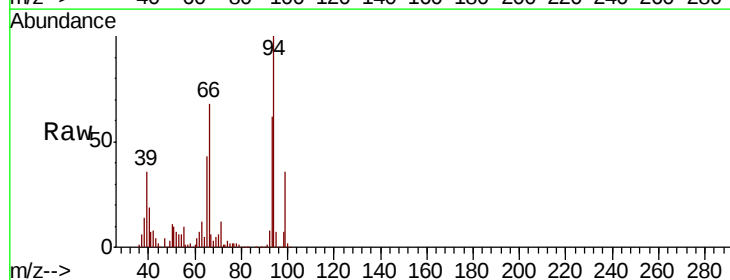
Tgt Ion: 94 Resp: 567599

Ion Ratio Lower Upper

94 100

65 43.2 11.7 51.7

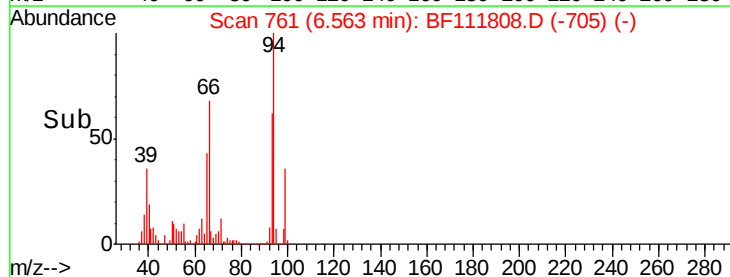
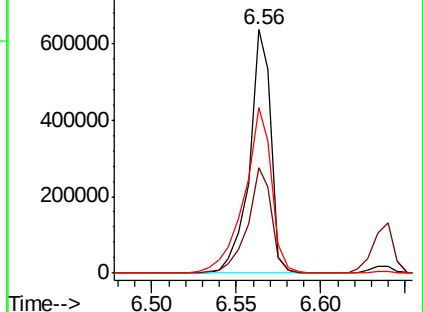
66 68.0 21.0 61.0#



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

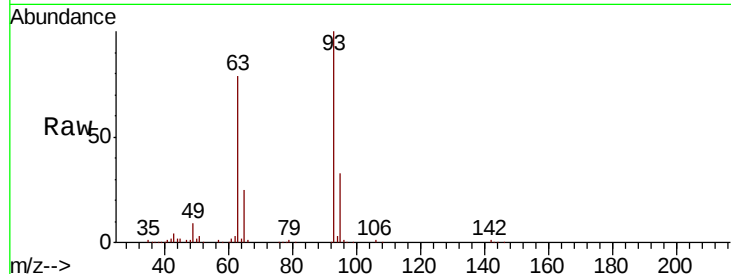




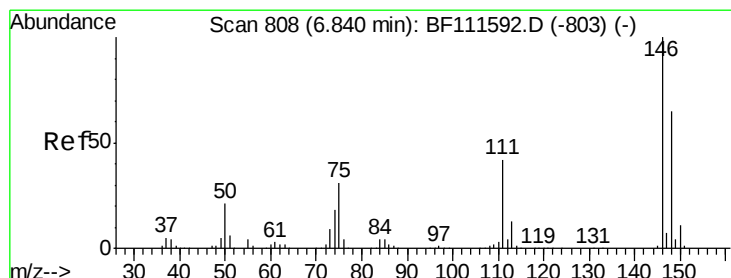
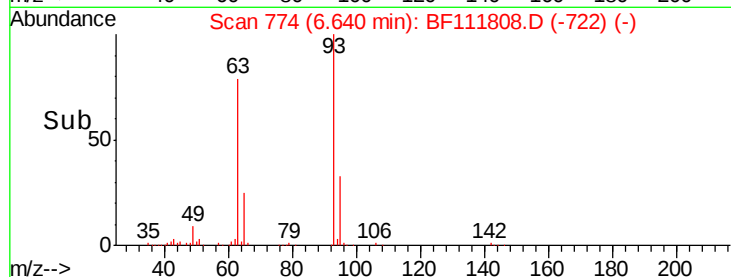
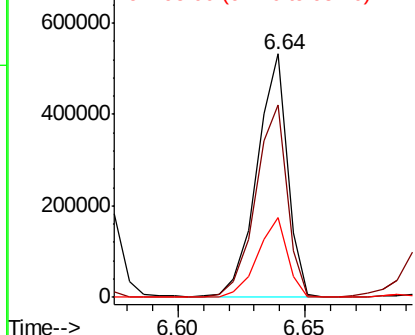
#11
bis(2-Chloroethyl)ether
Concen: 39.597 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 449409
Ion Ratio Lower Upper
93 100
63 79.1 60.0 100.0
95 33.0 13.4 53.4

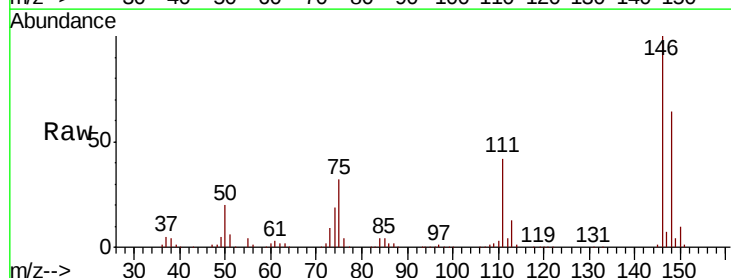


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

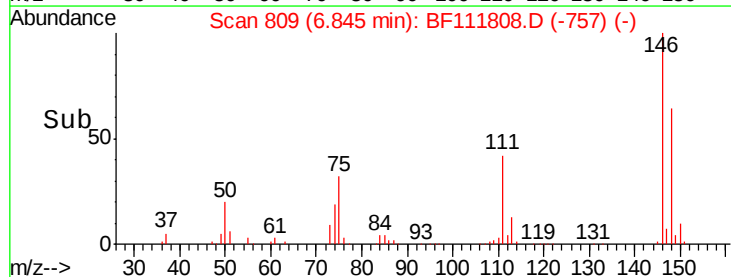
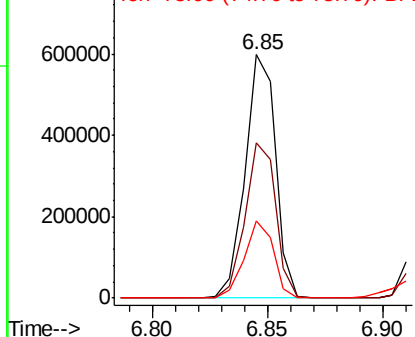


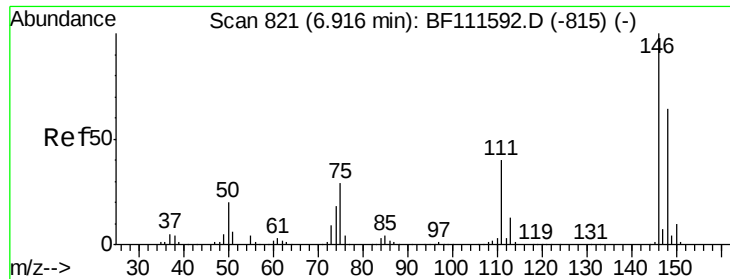
#12
1,3-Dichlorobenzene
Concen: 40.815 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion: 146 Resp: 552656
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
75 31.8 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

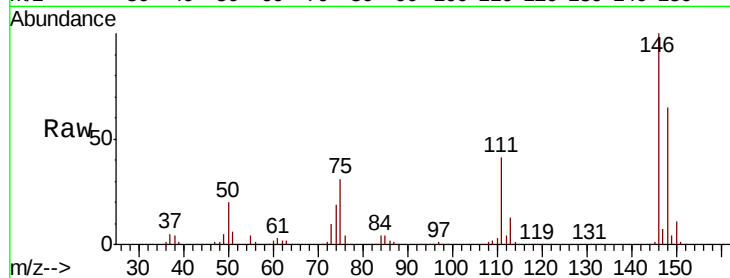




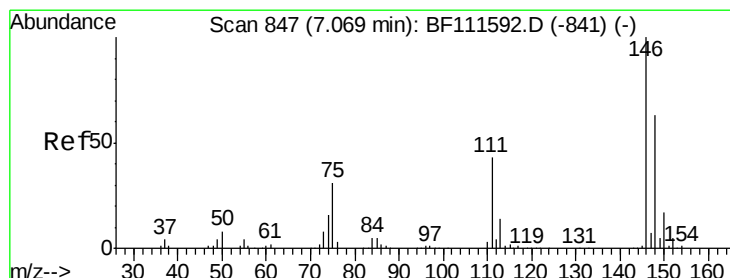
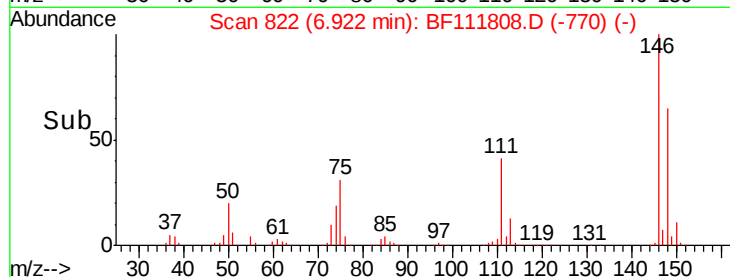
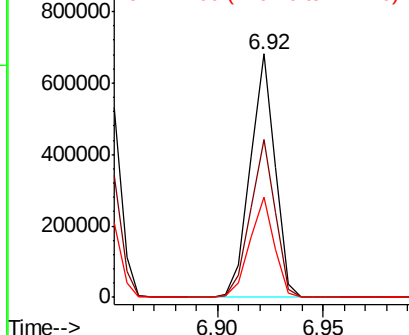
#13
 1,4-Dichlorobenzene
 Concen: 40.530 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 556573
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.8 79.2
 111 41.1 33.4 50.0

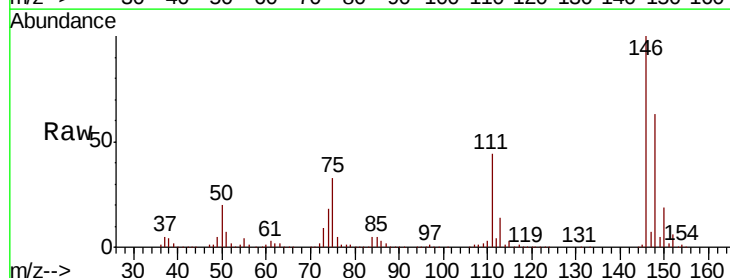


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

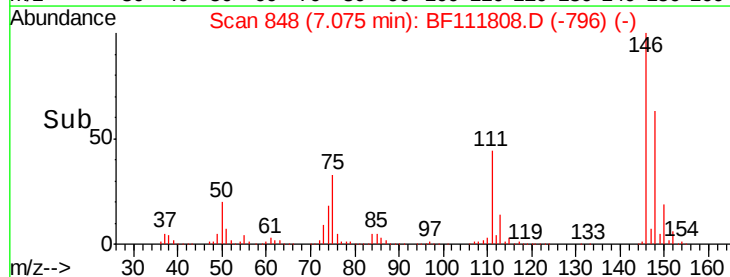
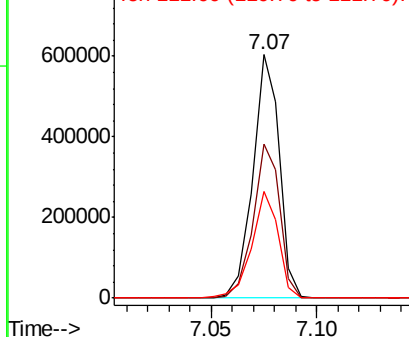


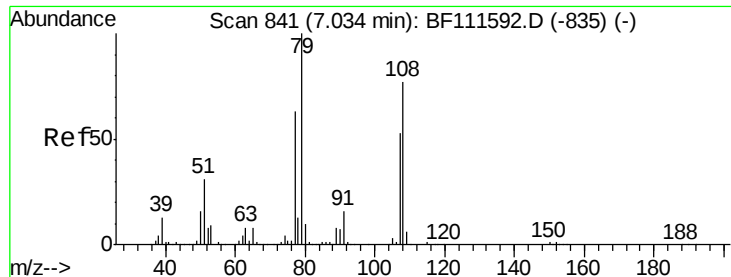
#14
 1,2-Dichlorobenzene
 Concen: 41.078 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion:146 Resp: 526300
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 43.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.072 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

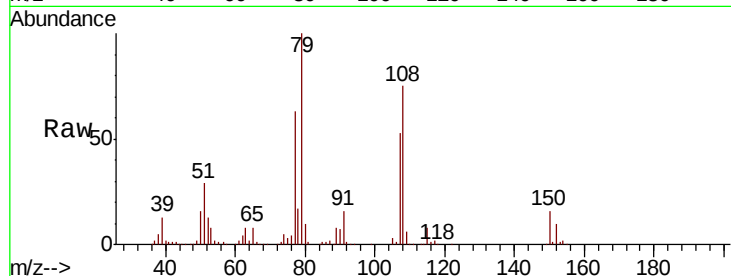
Tot Ion: 79 Resp: 437863

Ion Ratio Lower Upper

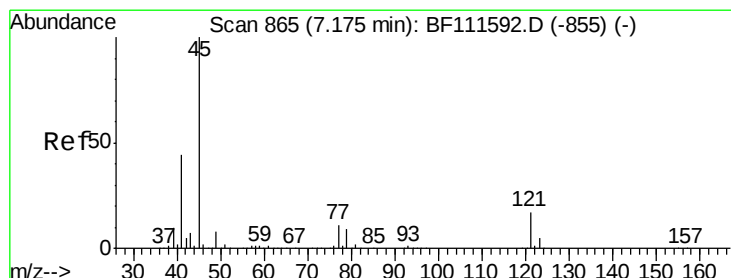
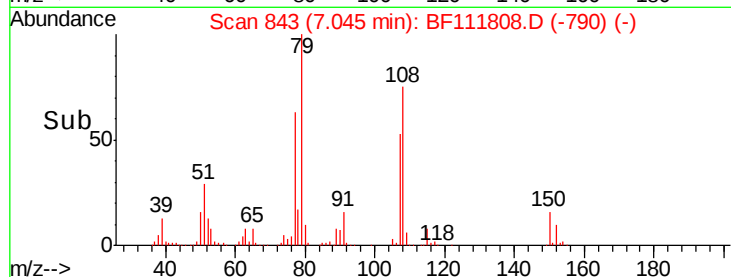
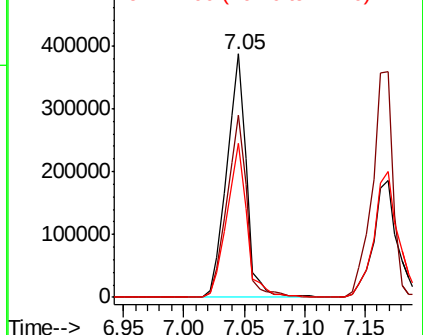
79 100

108 74.9 69.4 104.2

77 63.4 49.7 74.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.839 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

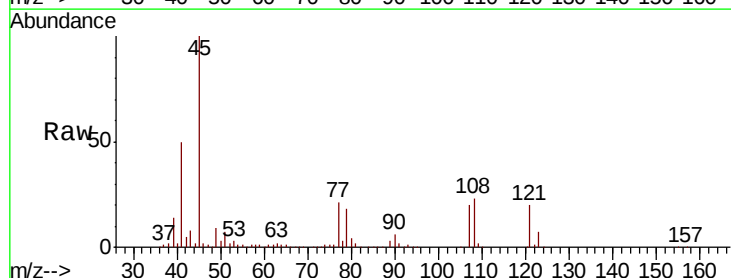
Tgt Ion: 45 Resp: 749130

Ion Ratio Lower Upper

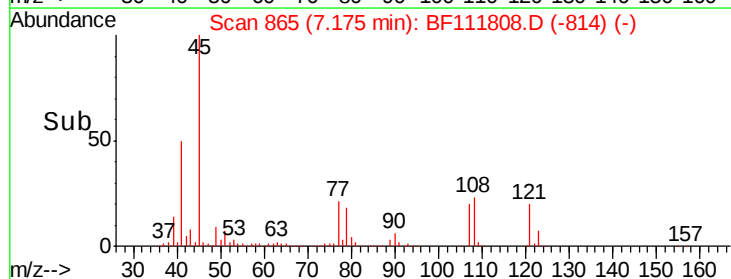
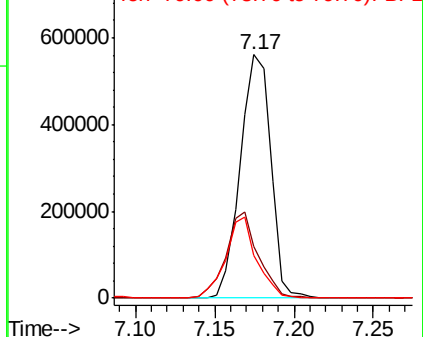
45 100

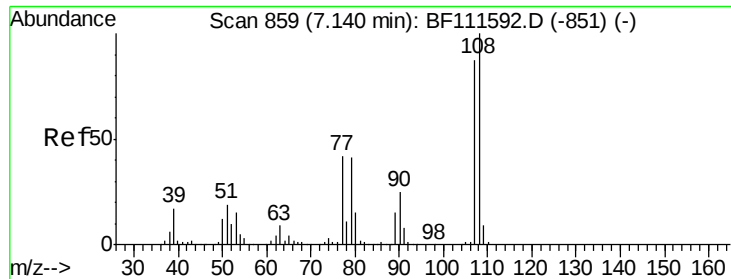
77 21.2 0.0 31.5

79 17.8 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

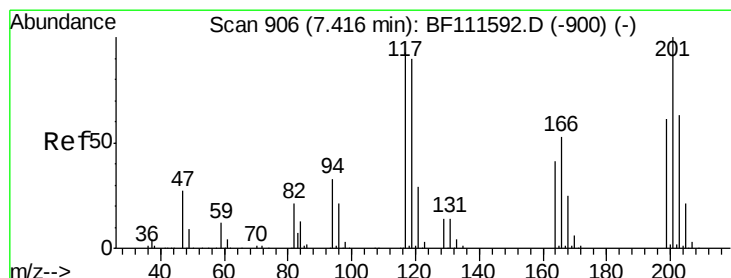
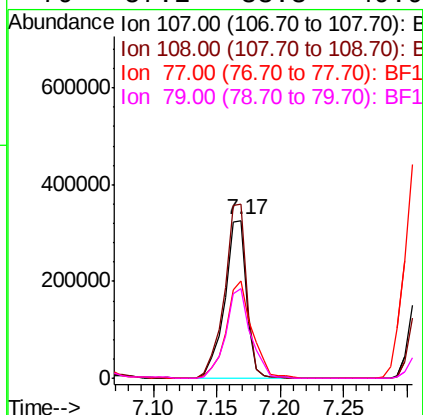
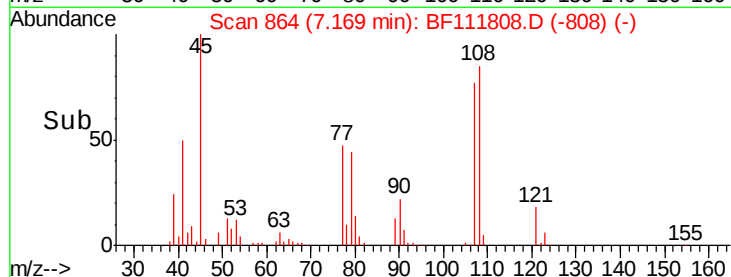
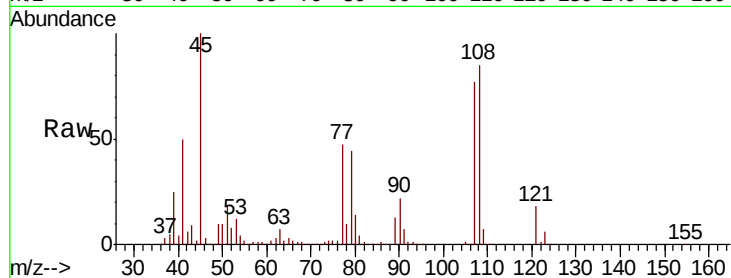




#17
2-Methylphenol
Concen: 41.688 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

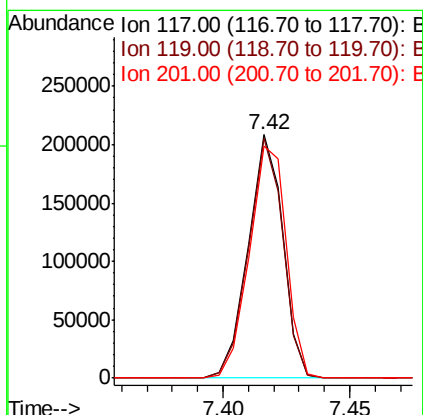
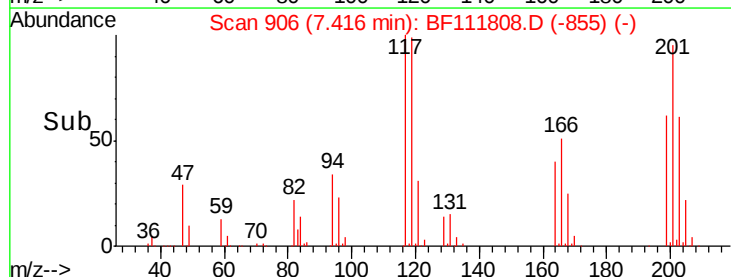
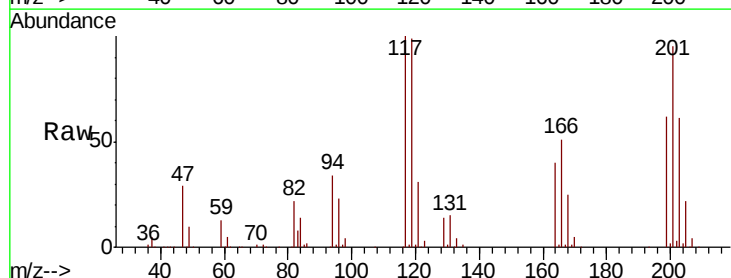
Instrument :
BNA_F
ClientSampleId :

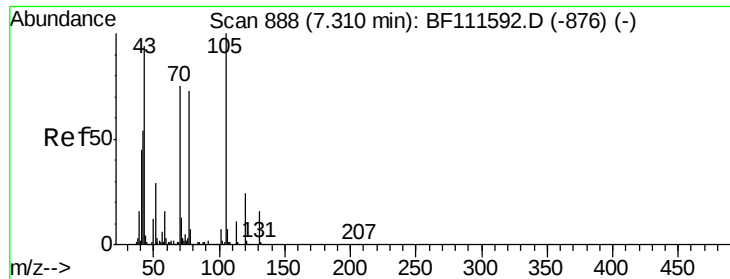
Tot Ion:107 Resp: 390019
Ion Ratio Lower Upper
107 100
108 110.1 91.0 136.4
77 61.3 33.5 50.3#
79 57.2 33.3 49.9#



#18
Hexachloroethane
Concen: 43.053 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:117 Resp: 199231
Ion Ratio Lower Upper
117 100
119 98.7 75.4 113.0
201 95.5 62.4 93.6#

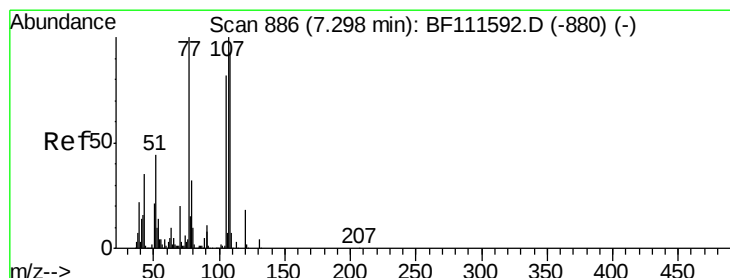
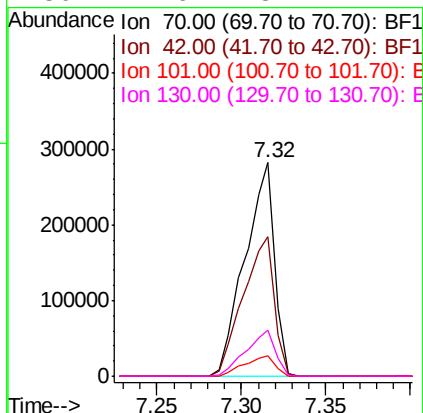
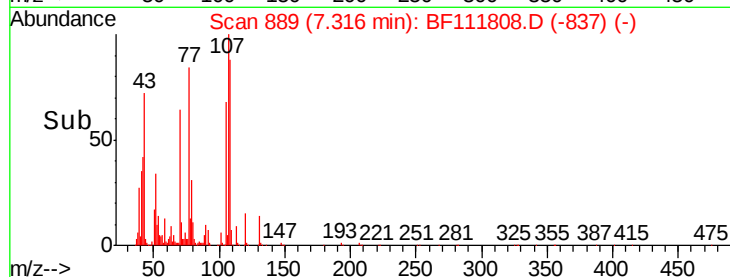
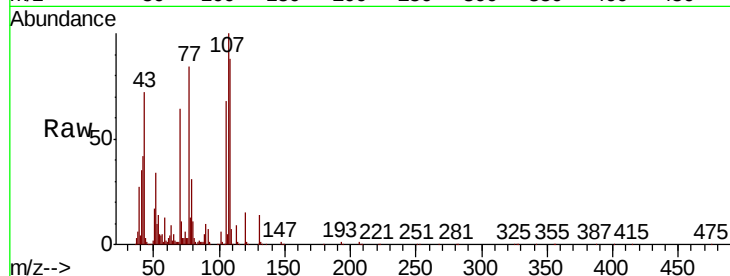




#19
n-Nitroso-di-n-propylamine
Concen: 38.810 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

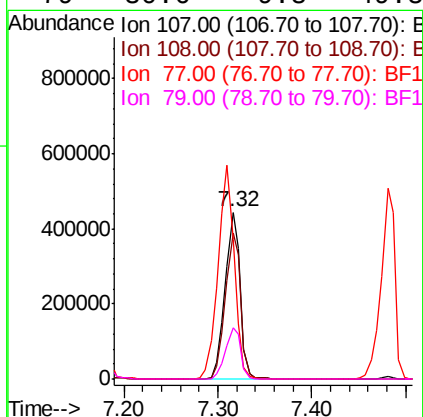
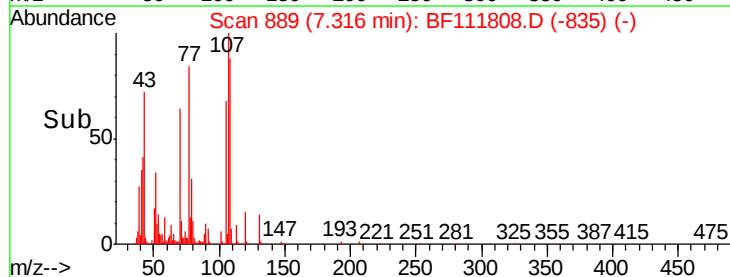
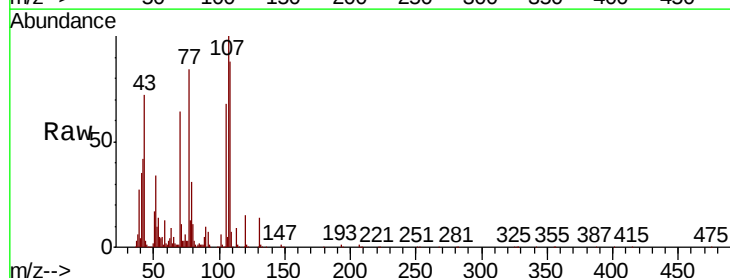
Instrument :
BNA_F
ClientSampleId :

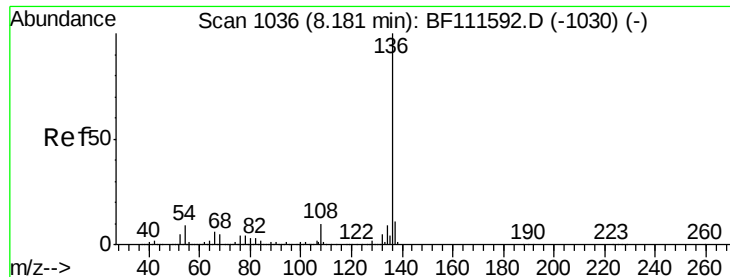
Tot Ion: 70 Resp: 345981
Ion Ratio Lower Upper
70 100
42 65.3 53.2 79.8
101 9.6 8.2 12.4
130 21.6 18.1 27.1



#20
3+4-Methylphenols
Concen: 41.953 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion: 107 Resp: 495951
Ion Ratio Lower Upper
107 100
108 87.9 72.1 112.1
77 84.0 94.1 134.1#
79 30.6 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 673483

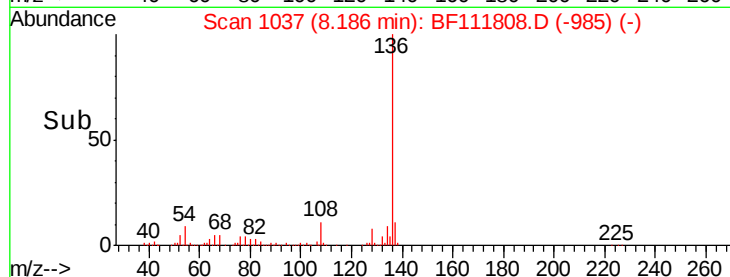
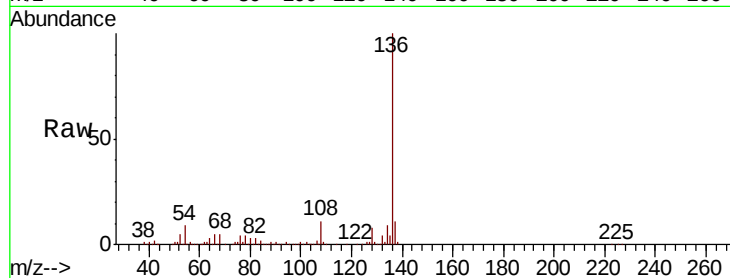
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.7 7.7 11.5

68 5.1 4.9 7.3

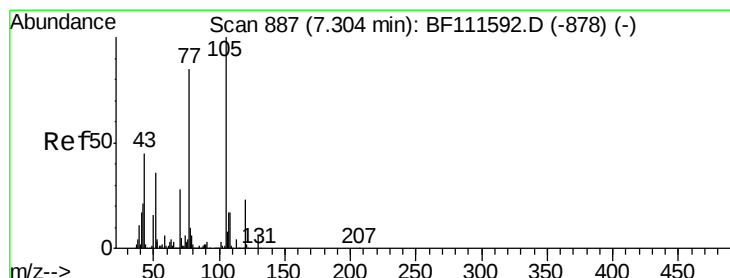
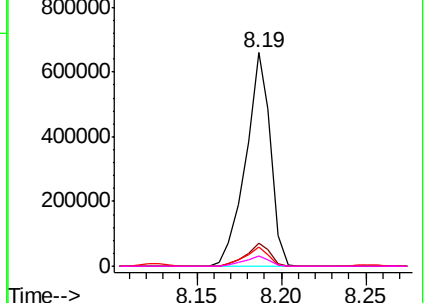


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.920 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:105 Resp: 664059

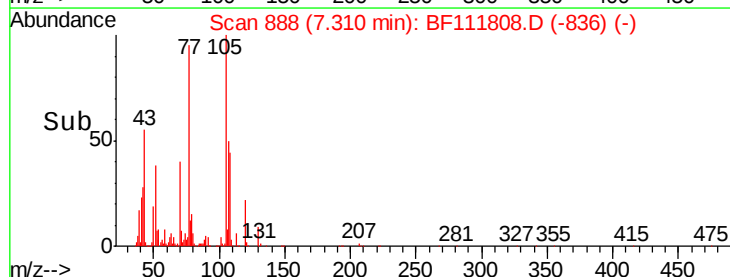
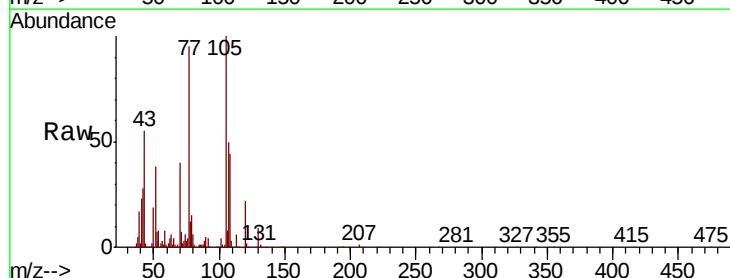
Ion Ratio Lower Upper

105 100

71 6.6 3.1 4.7#

51 38.3 36.6 54.8

120 21.6 18.2 27.4

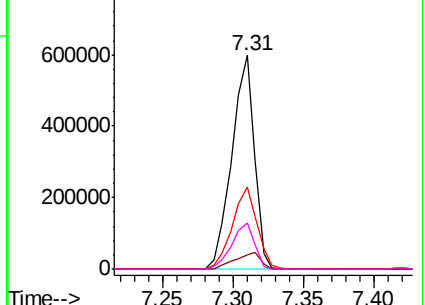


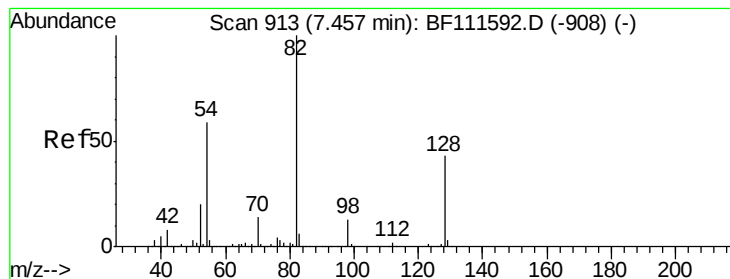
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.375 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampled :

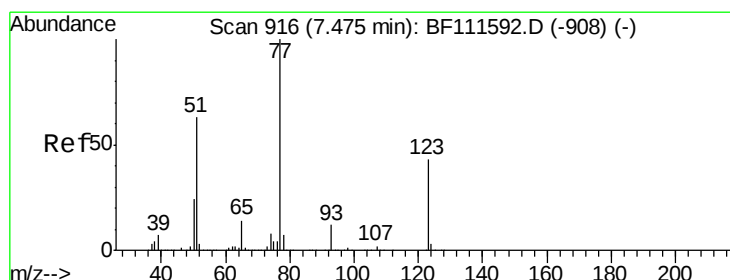
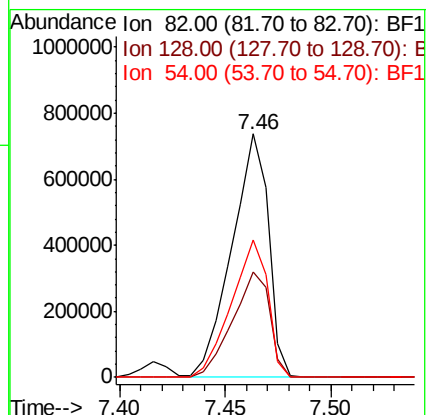
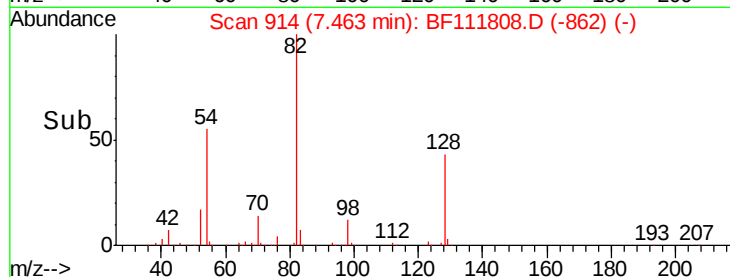
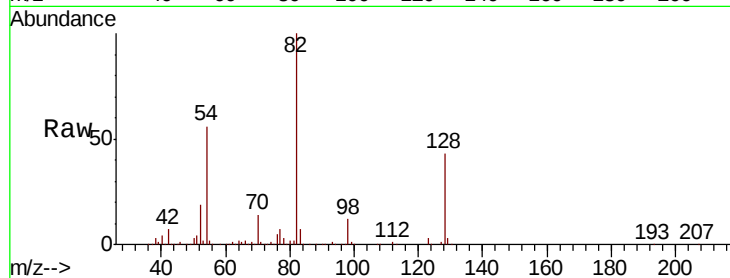
Tot Ion: 82 Resp: 883682

Ion Ratio Lower Upper

82 100

128 43.0 37.4 56.2

54 56.5 47.6 71.4



#24

Nitrobenzene

Concen: 42.969 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

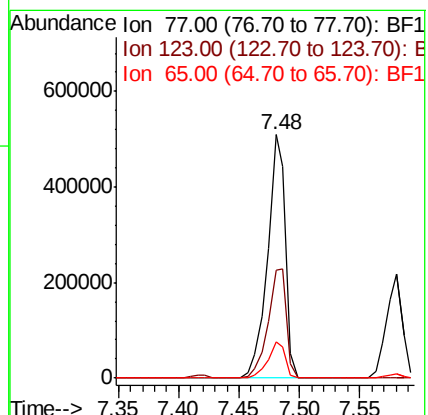
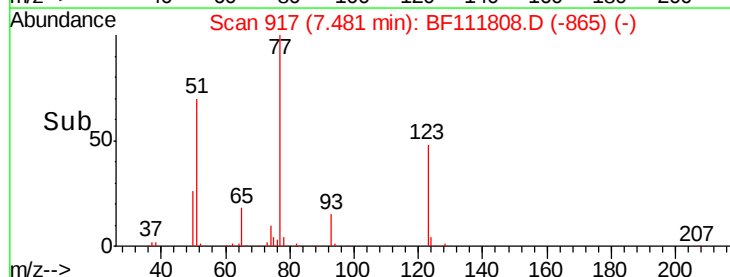
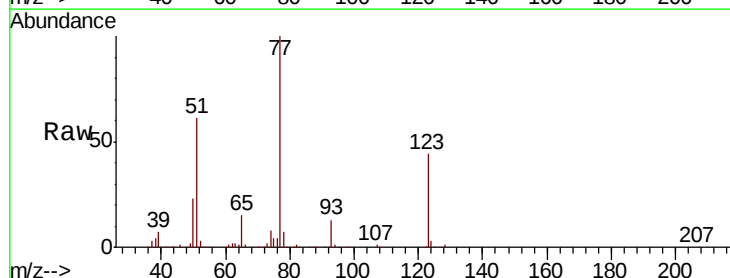
Tgt Ion: 77 Resp: 521071

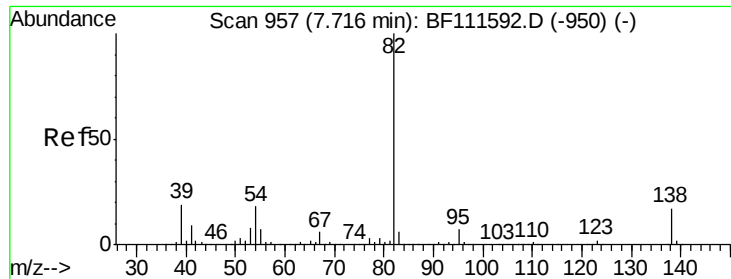
Ion Ratio Lower Upper

77 100

123 44.3 37.2 55.8

65 14.8 11.5 17.3

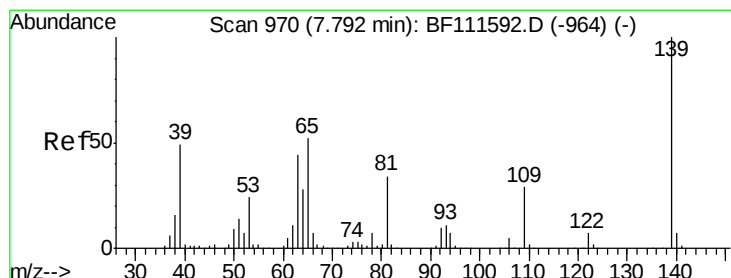
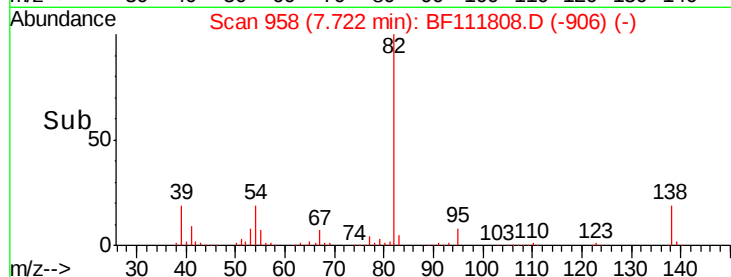
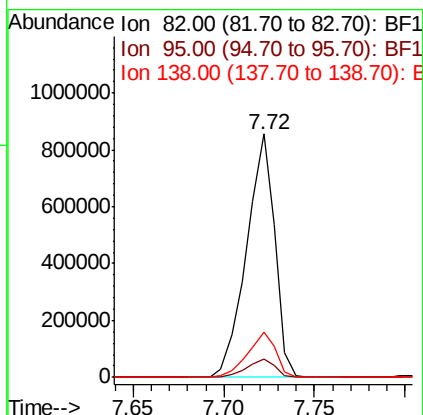
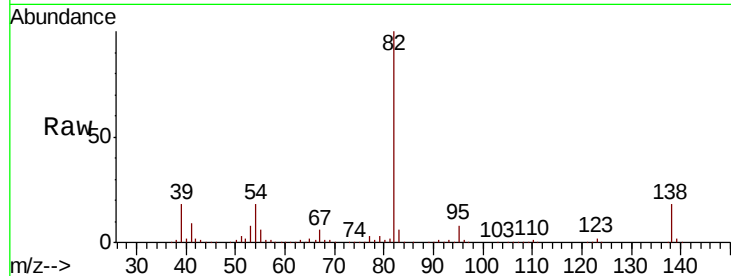




#25
Isophorone
Concen: 45.141 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

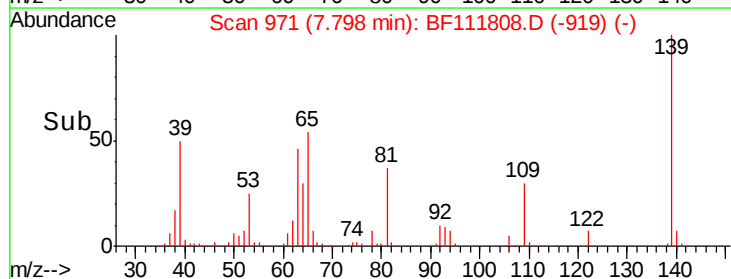
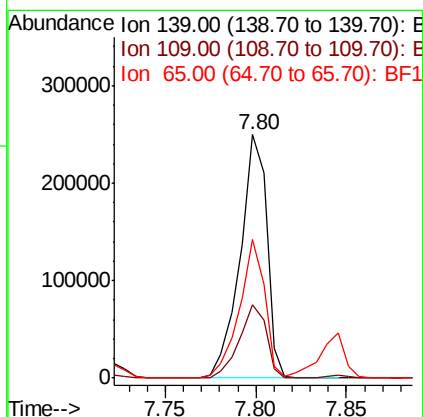
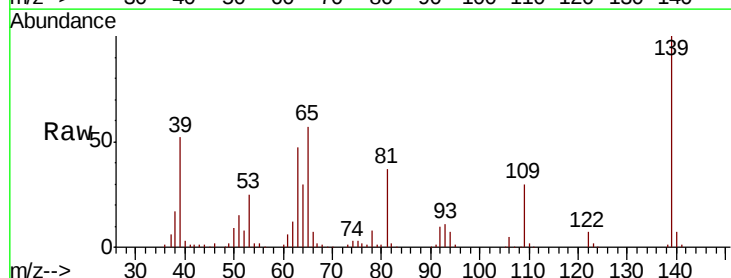
Instrument :
BNA_F
ClientSampled :

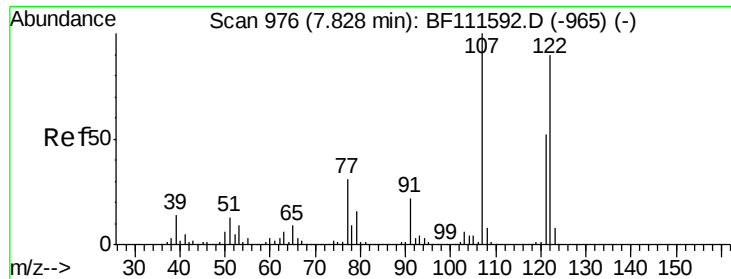
Tot Ion: 82 Resp: 927231
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.2
138 18.4 15.1 22.7



#26
2-Nitrophenol
Concen: 52.160 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion: 139 Resp: 256532
Ion Ratio Lower Upper
139 100
109 30.4 20.2 30.4#
65 56.7 40.7 61.1

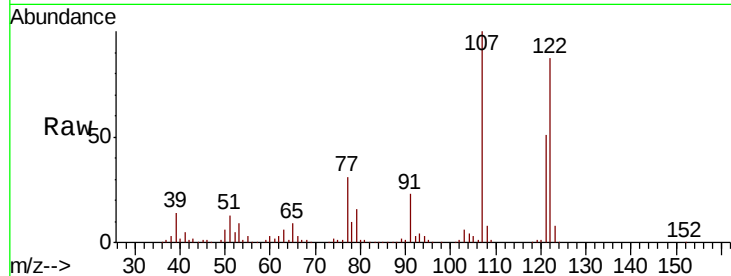




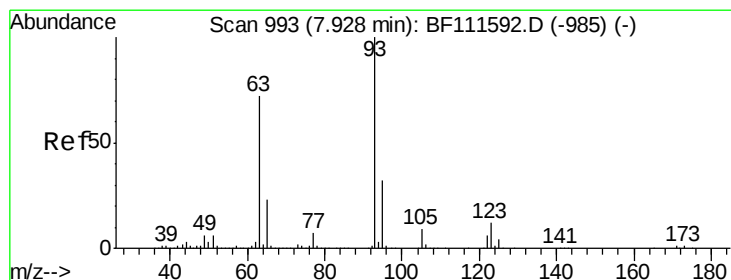
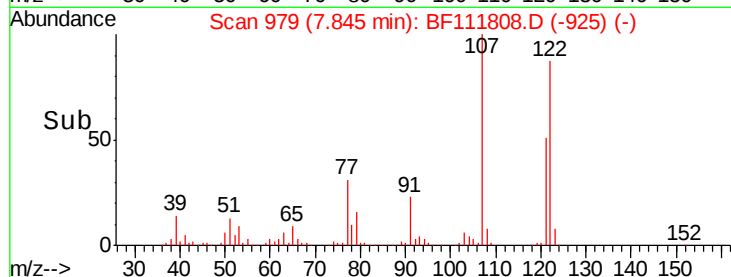
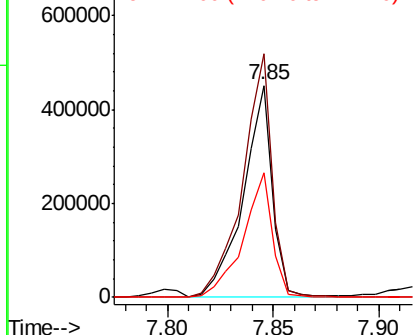
#27
2,4-Dimethylphenol
Concen: 44.238 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 428894
Ion Ratio Lower Upper
122 100
107 115.0 85.5 128.3
121 58.7 46.6 70.0

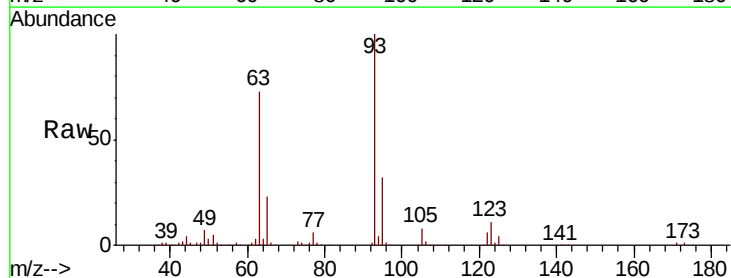


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

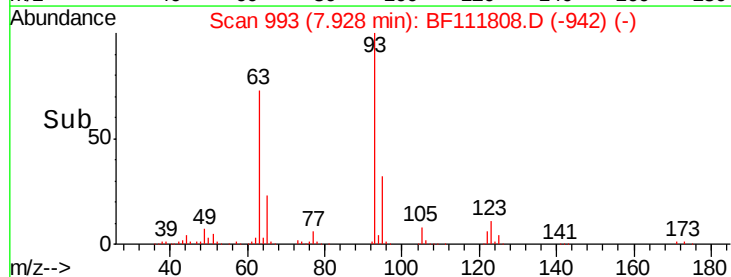
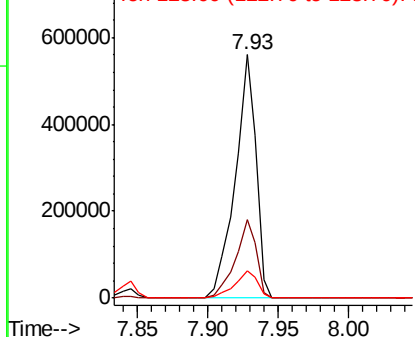


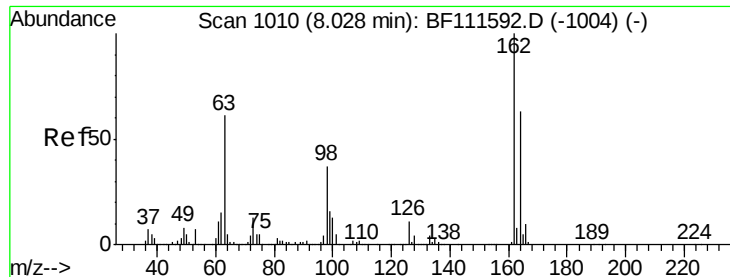
#28
bis(2-Chloroethoxy)methane
Concen: 41.819 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion: 93 Resp: 571609
Ion Ratio Lower Upper
93 100
95 32.1 27.1 40.7
123 11.4 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

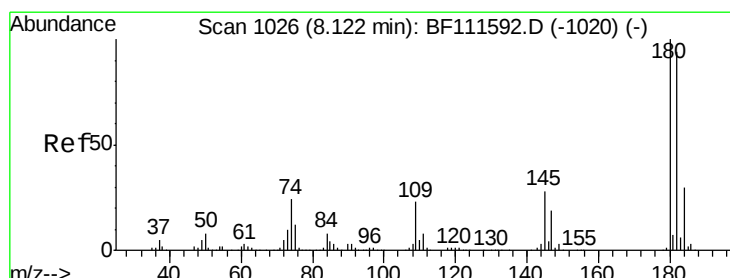
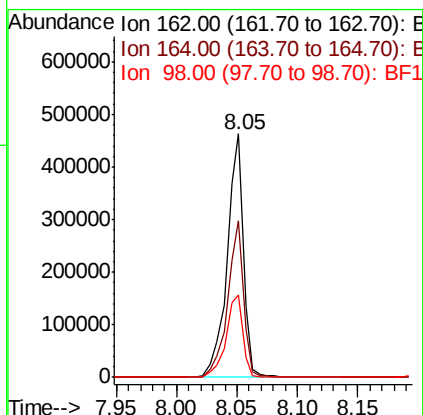
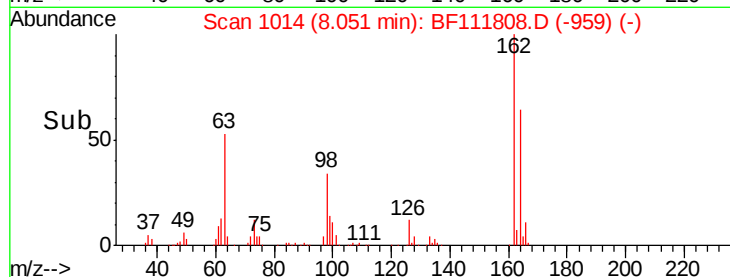
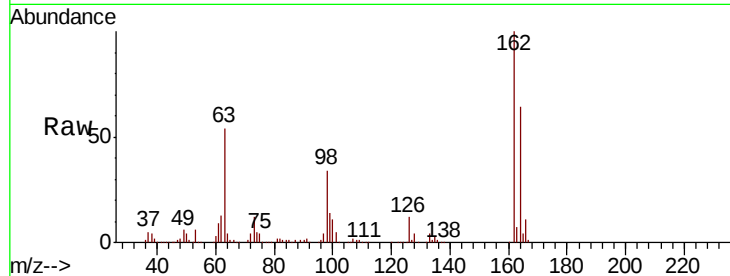




#29
2,4-Dichlorophenol
Concen: 41.719 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

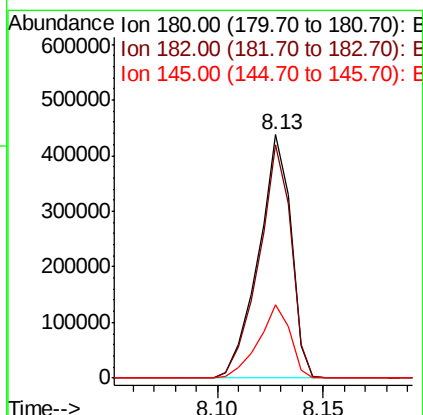
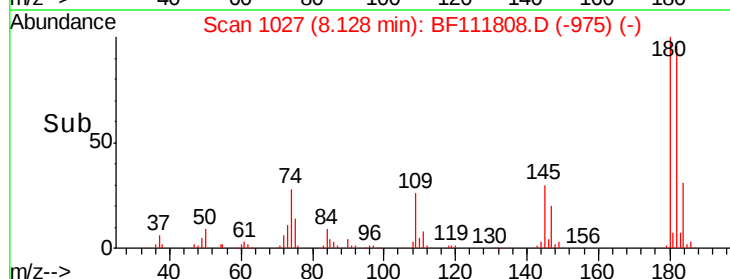
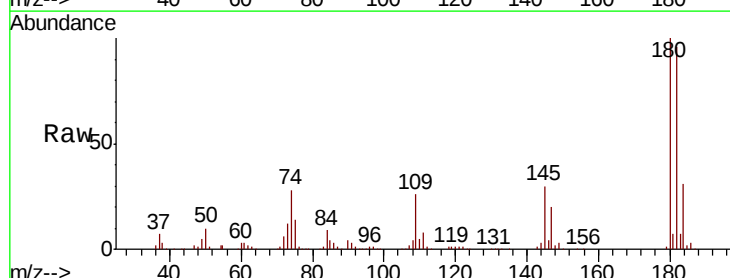
Instrument :
BNA_F
ClientSampleId :

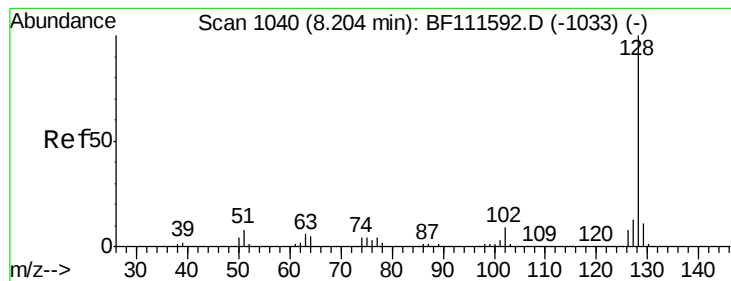
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	34.0	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 40.367 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.6	113.4
145	30.2	26.7	40.1





#31

Naphthalene

Concen: 43.543 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

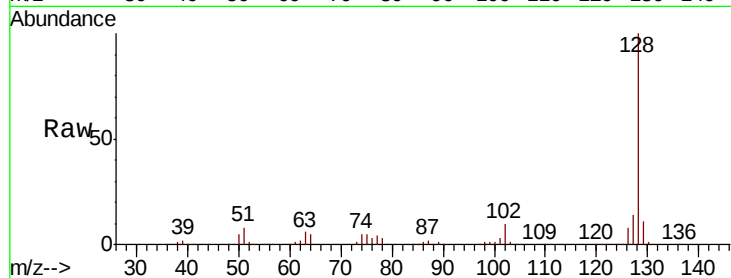
Tot Ion:128 Resp: 1409038

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

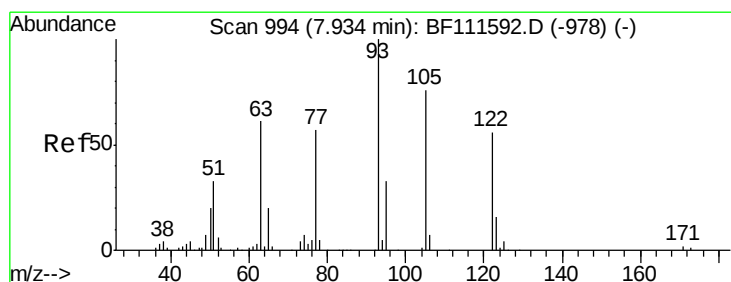
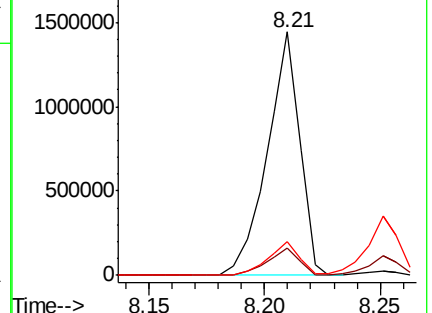
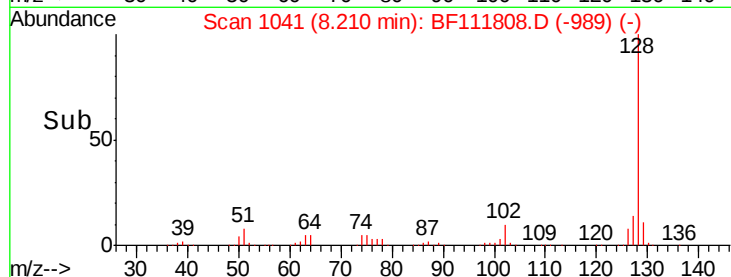
127 13.6 12.0 18.0



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: 12.159 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

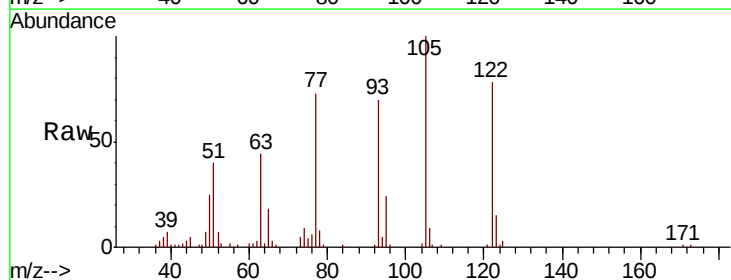
Tgt Ion:122 Resp: 77944

Ion Ratio Lower Upper

122 100

105 127.5 97.0 137.0

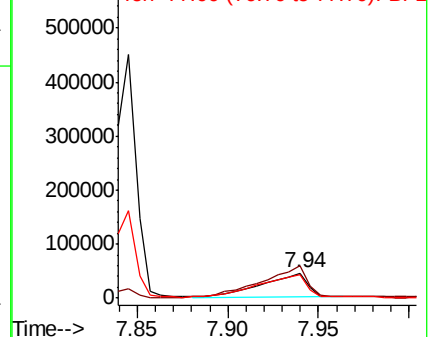
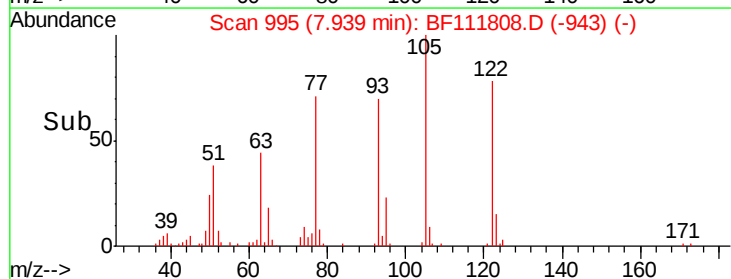
77 93.5 65.7 105.7



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

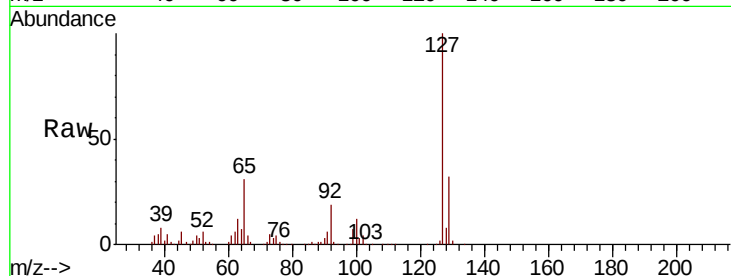




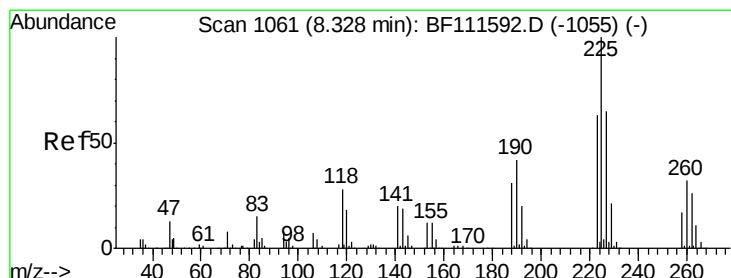
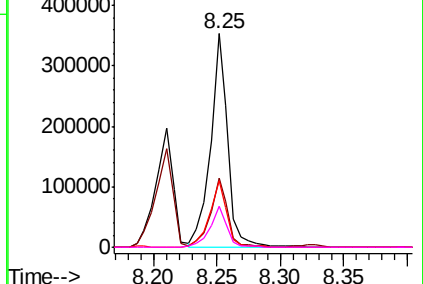
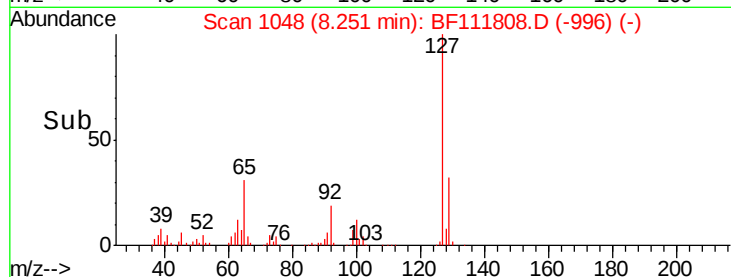
#33
4-Chloroaniline
Concen: 24.174 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	338112
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	31.5	25.7	38.5
92	19.0	15.4	23.2

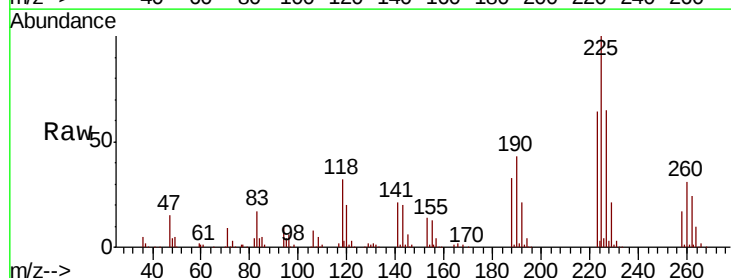


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

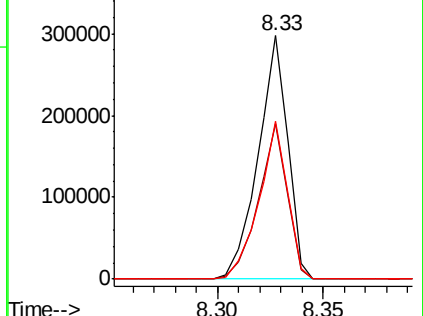
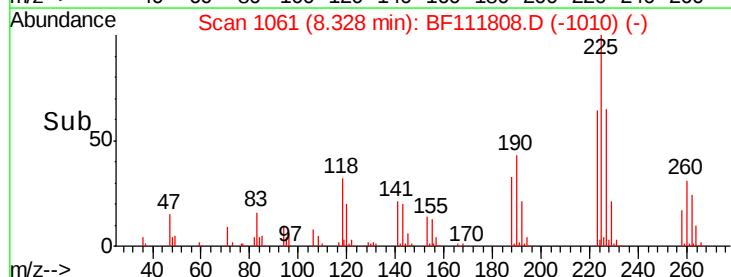


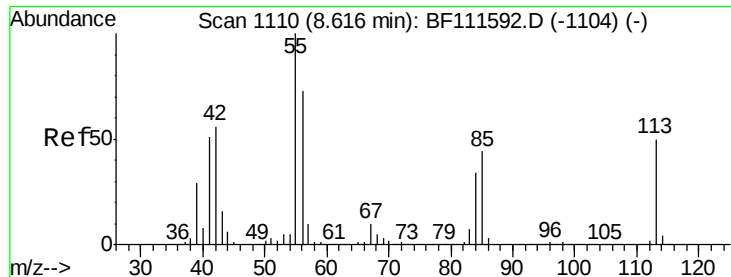
#34
Hexachlorobutadiene
Concen: 40.839 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:	225	Resp:	289235
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	64.8	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

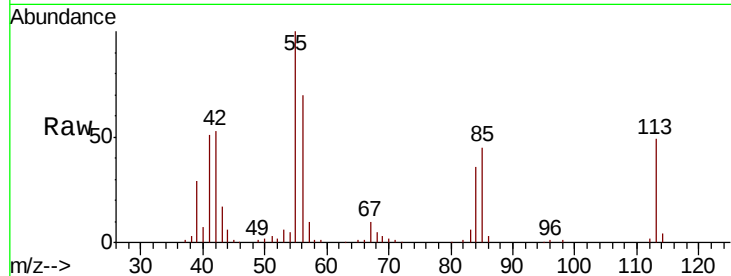




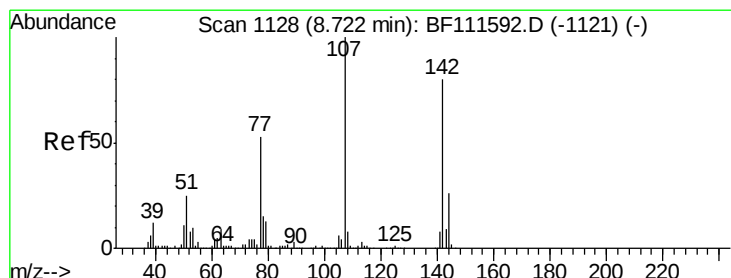
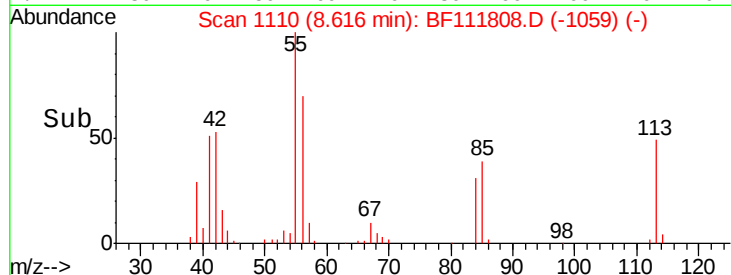
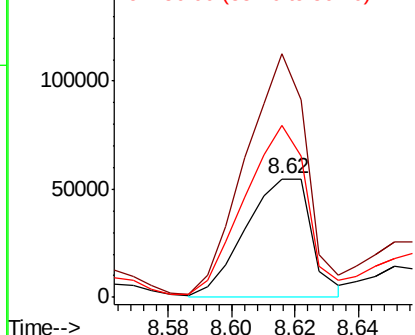
#35
 Caprolactam
 Concen: 22.528 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 79605
 Ion Ratio Lower Upper
 113 100
 55 205.9 184.1 224.1
 56 145.1 126.0 166.0

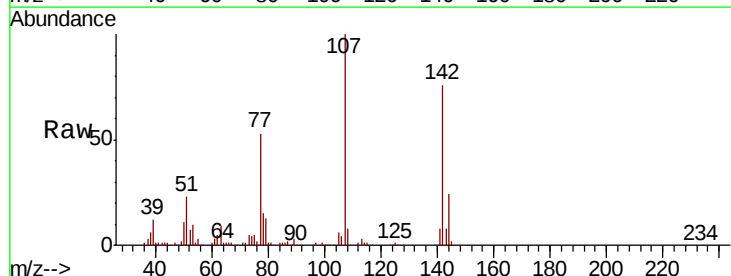


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

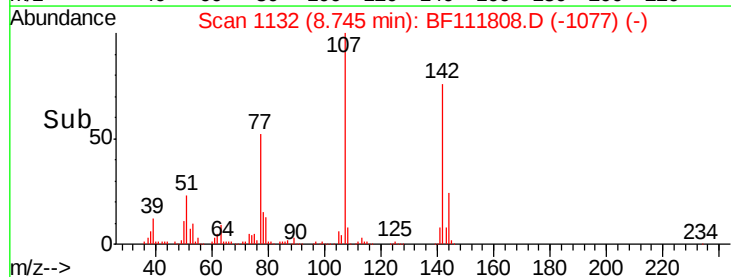
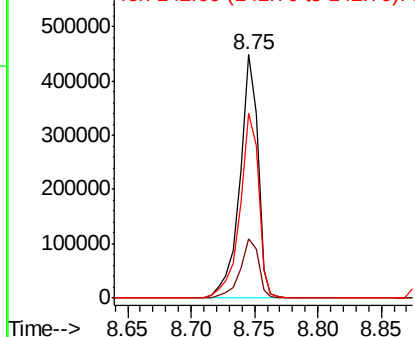


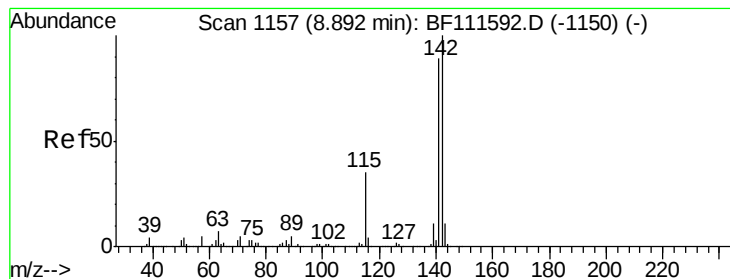
#36
 4-Chloro-3-methylphenol
 Concen: 43.103 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion:107 Resp: 441836
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.6
 142 75.9 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: 46.171 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

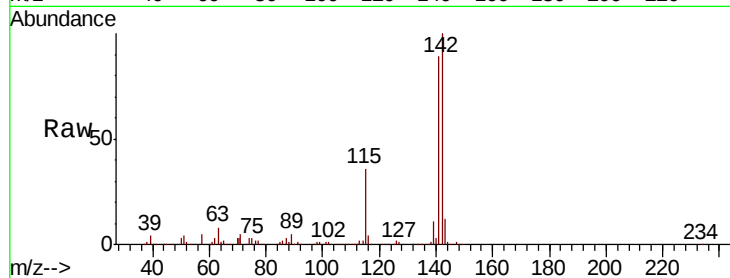
Tot Ion:142 Resp: 972072

Ion Ratio Lower Upper

142 100

141 89.2 70.6 105.8

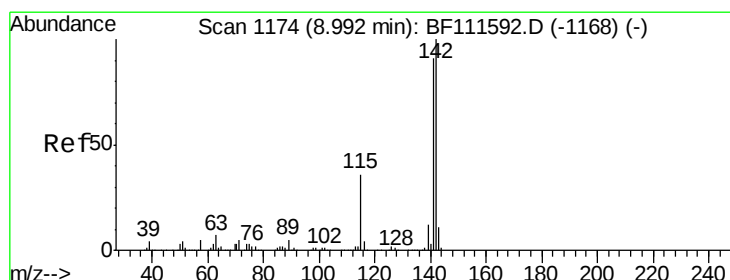
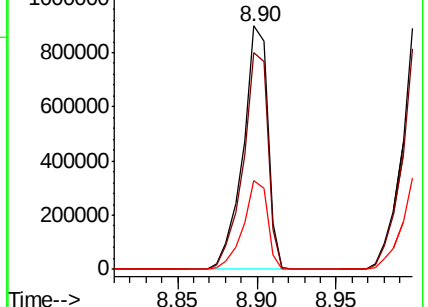
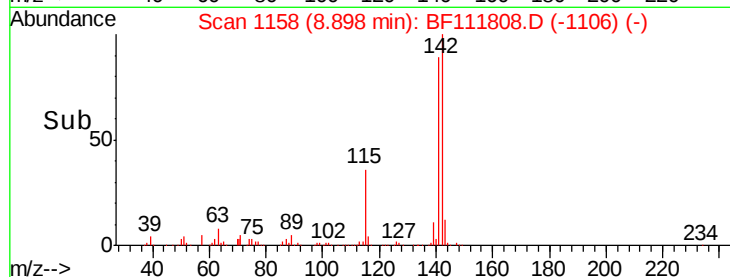
115 36.2 27.0 40.6



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: 45.698 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

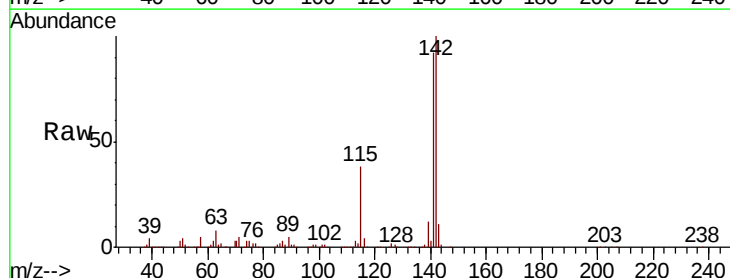
Tgt Ion:142 Resp: 924014

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4

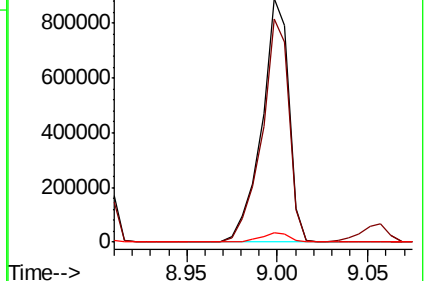
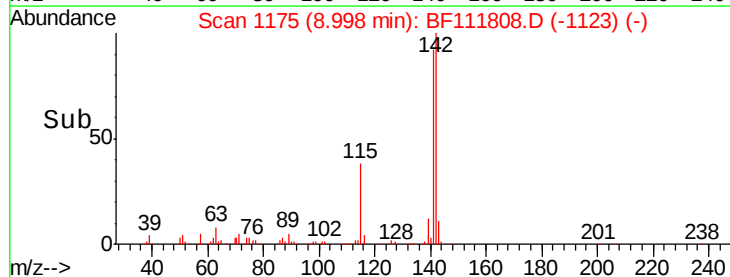
116 4.1 2.9 4.3

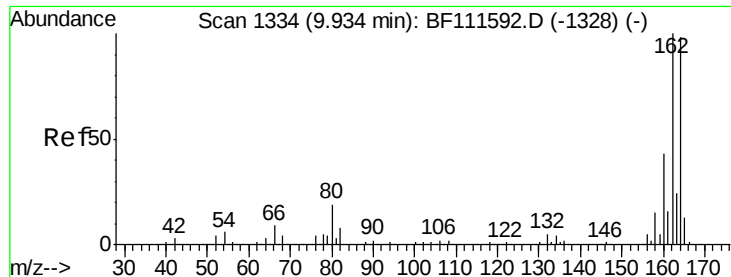


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

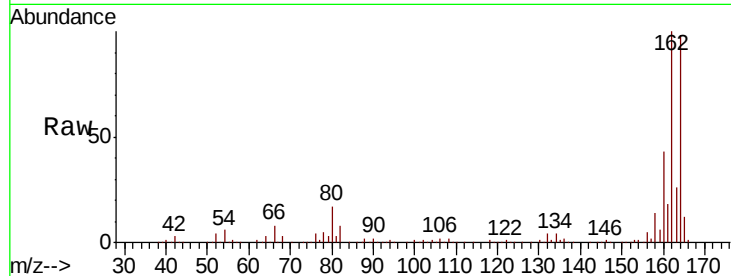




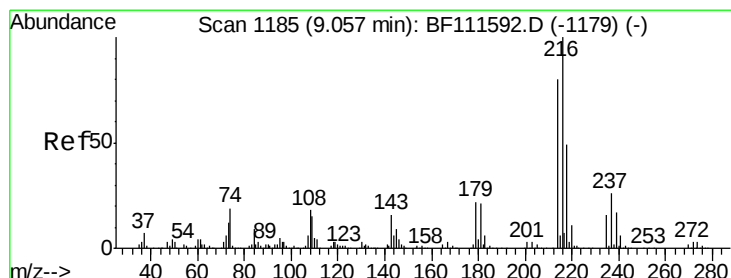
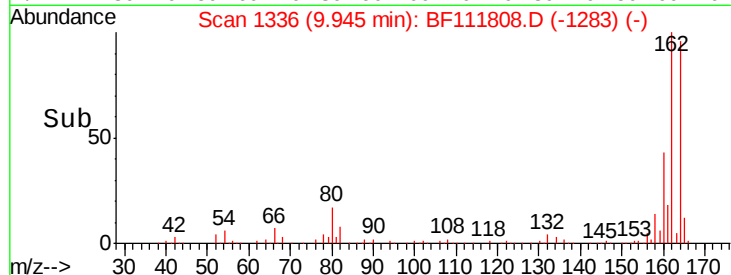
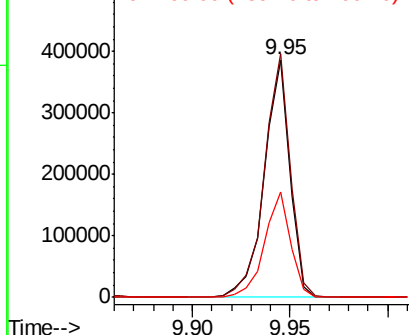
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 350838
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 44.3 35.7 53.5

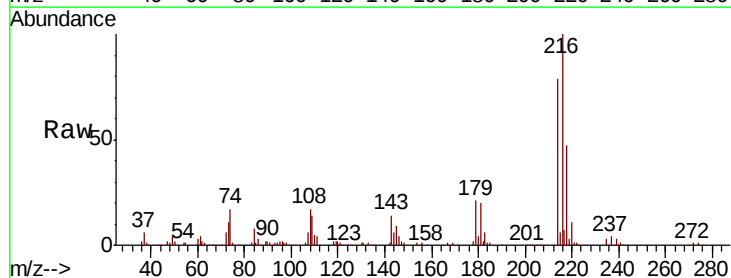


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

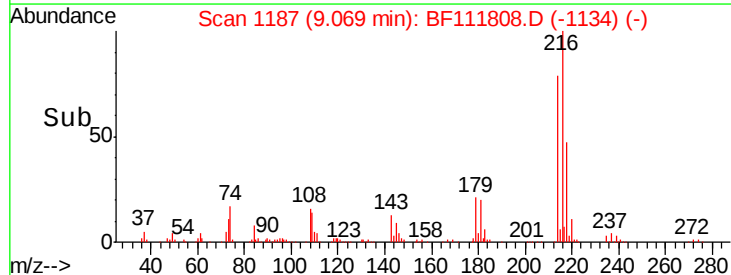
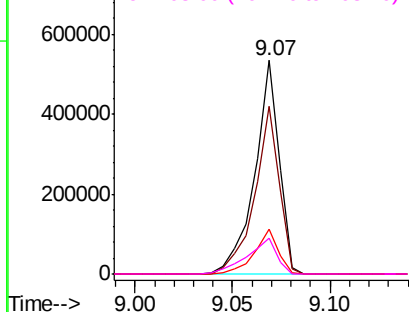


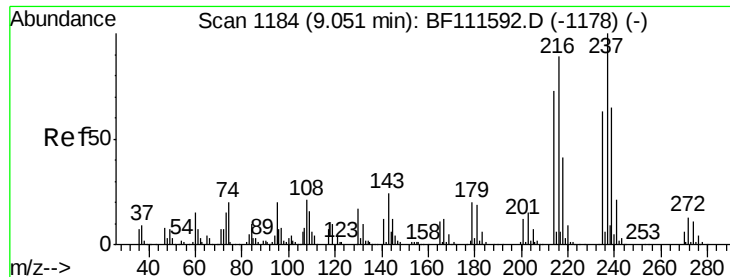
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.110 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:216 Resp: 462412
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.8
179 20.6 17.9 26.9
108 20.6 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: 109.469 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

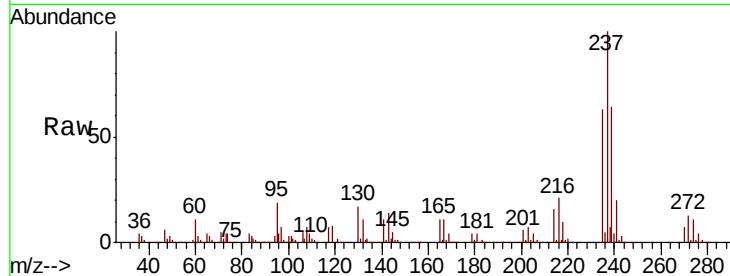
Tot Ion:237 Resp: 612408

Ion Ratio Lower Upper

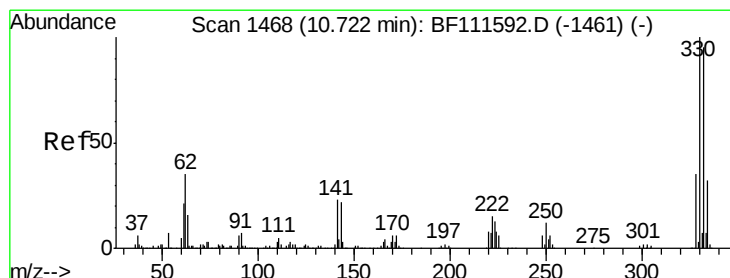
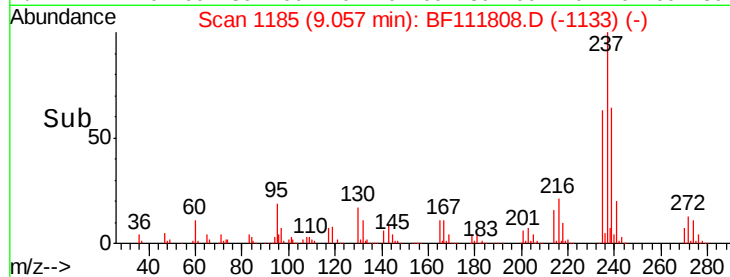
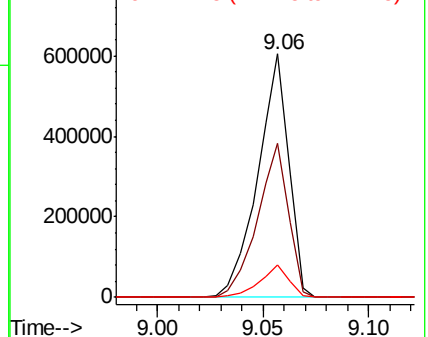
237 100

235 63.4 43.1 83.1

272 13.2 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: 133.353 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

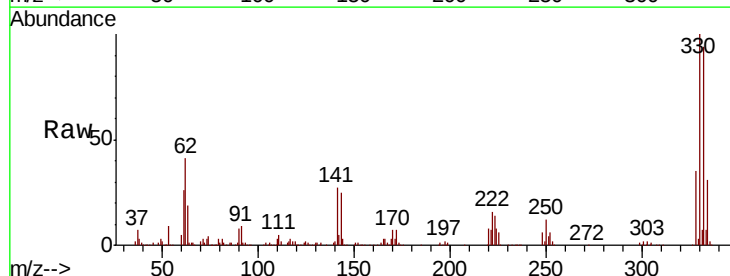
Tgt Ion:330 Resp: 552803

Ion Ratio Lower Upper

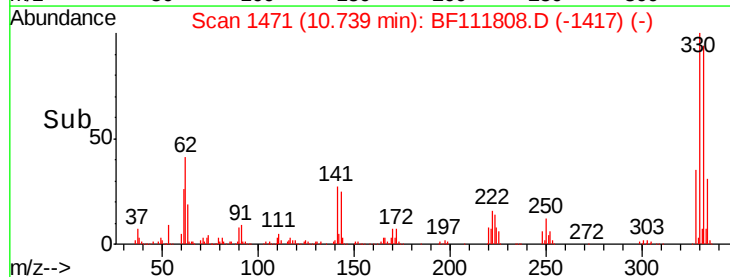
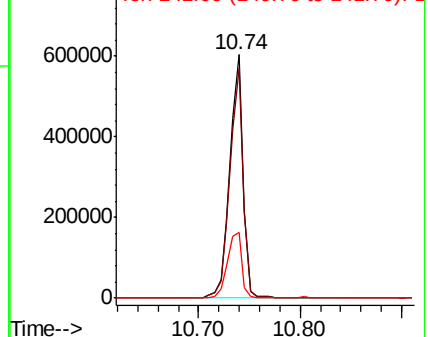
330 100

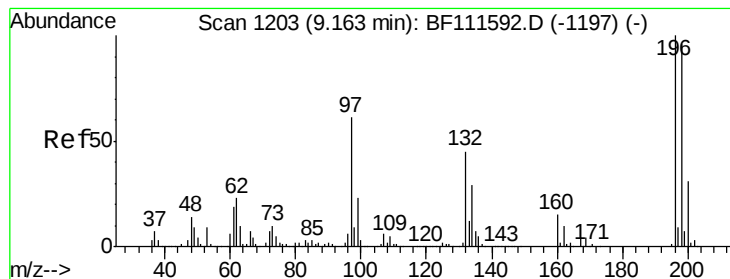
332 95.3 76.0 114.0

141 29.5 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: 41.108 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampled :

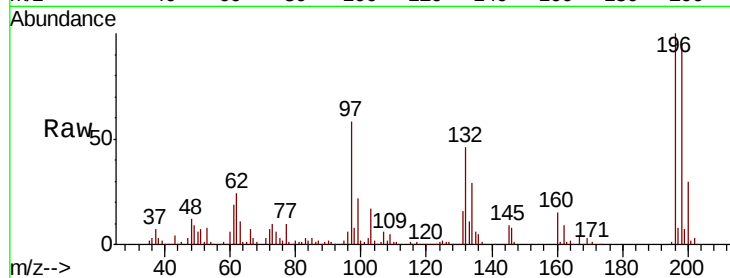
Tot Ion:196 Resp: 316412

Ion Ratio Lower Upper

196 100

198 94.6 76.3 114.5

200 30.5 24.9 37.3

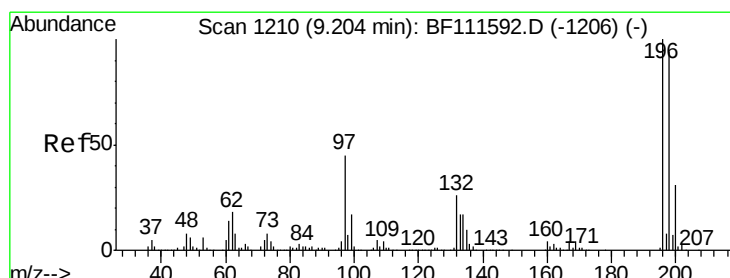
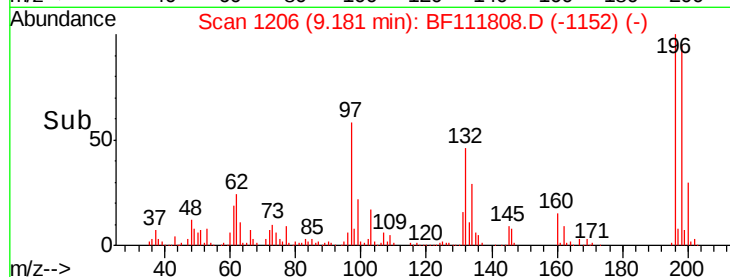
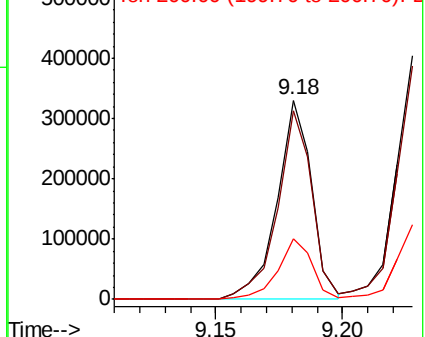


Abundance

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: 41.522 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:196 Resp: 327868

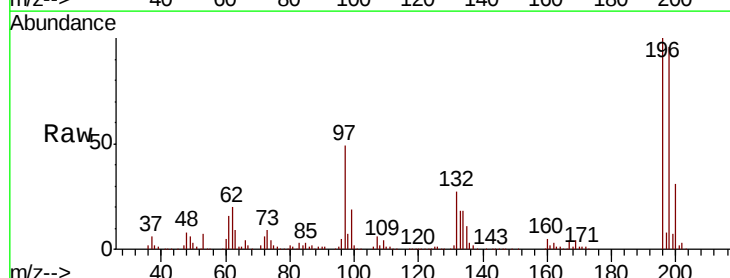
Ion Ratio Lower Upper

196 100

198 95.7 72.9 109.3

97 49.0 45.3 67.9

132 26.8 25.5 38.3



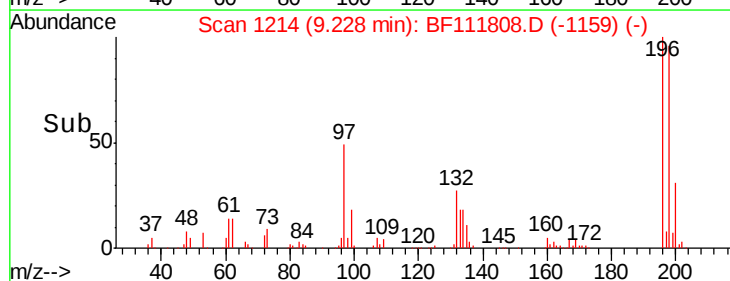
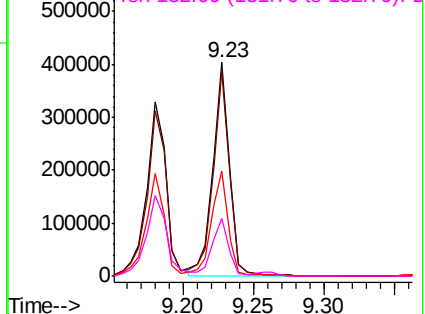
Abundance

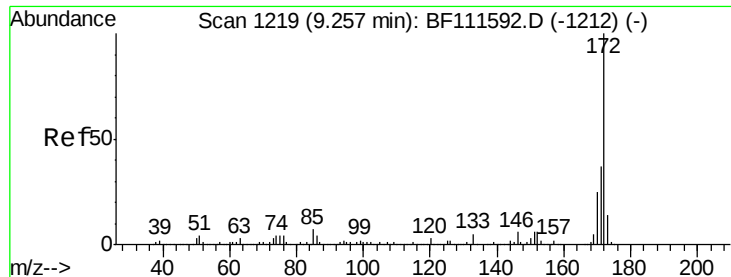
Ion 196.00 (195.70 to 196.70): E

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: 71.717 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

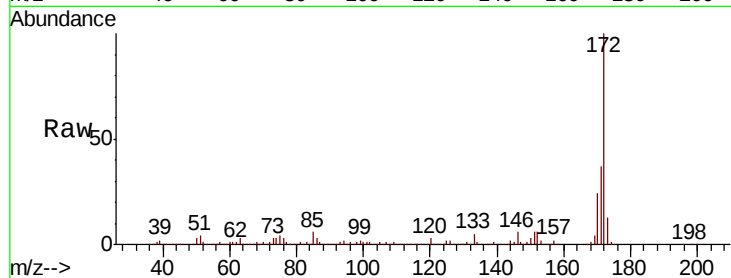
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1726236

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.1	22.3	33.5

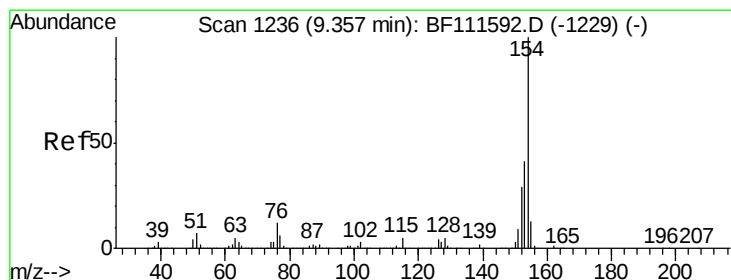
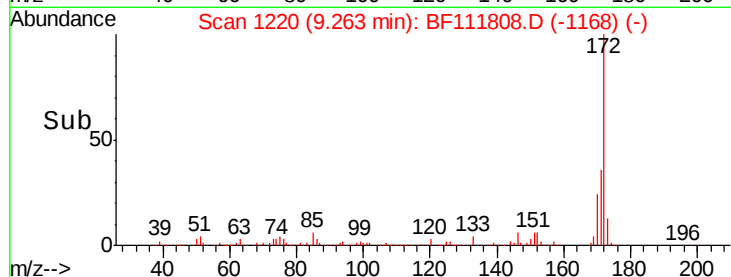
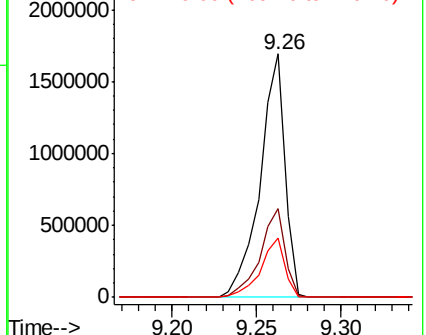


Abundance

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: 40.196 ng

RT: 9.36 min Scan# 1237

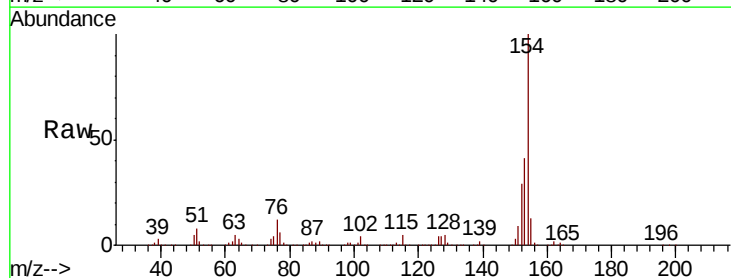
Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:154 Resp: 1190456

Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.7	63.7
76	12.4	0.0	35.0

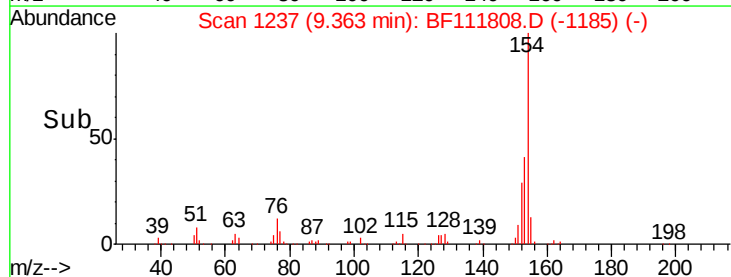
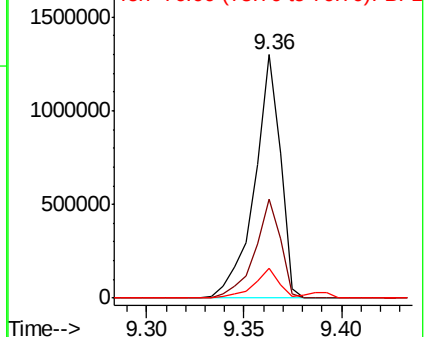


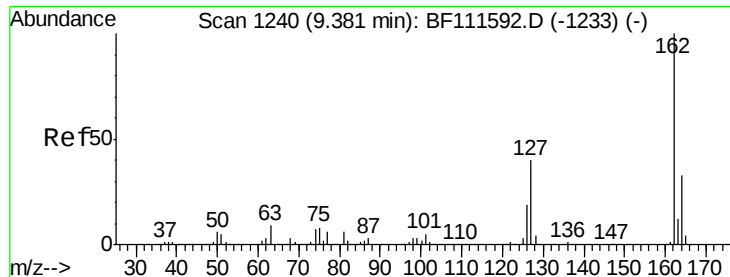
Abundance

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

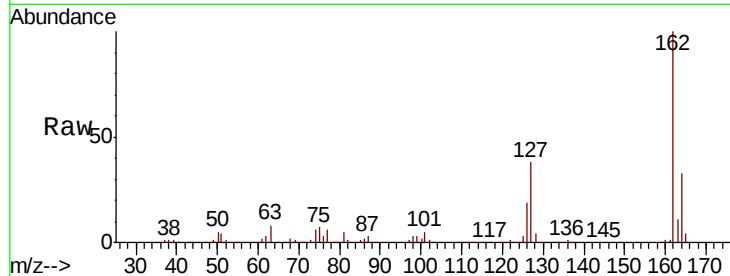




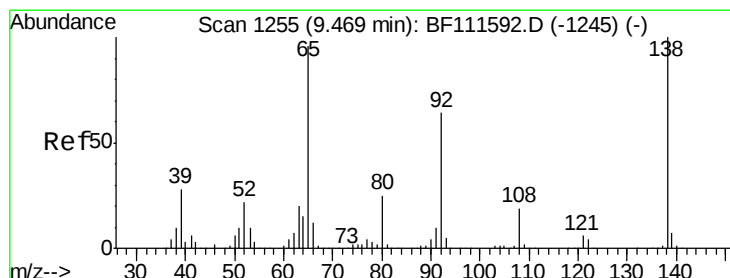
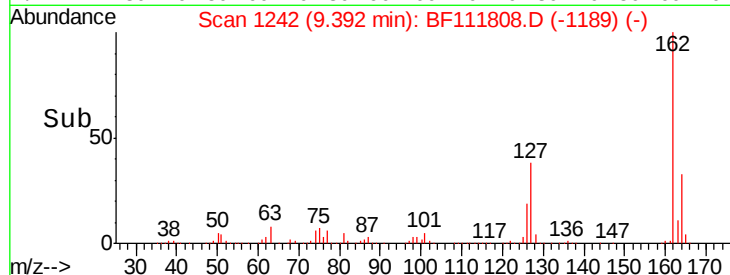
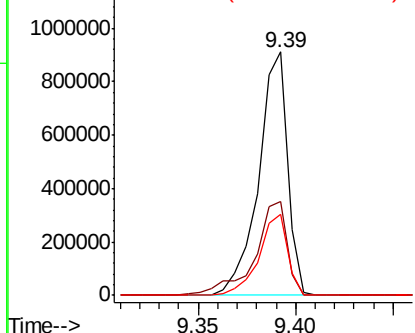
#47
2-Chloronaphthalene
Concen: 40.125 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 941503
Ion Ratio Lower Upper
162 100
127 38.4 35.0 52.4
164 33.5 28.4 42.6

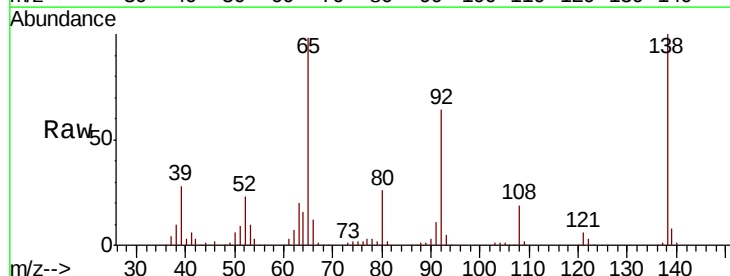


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

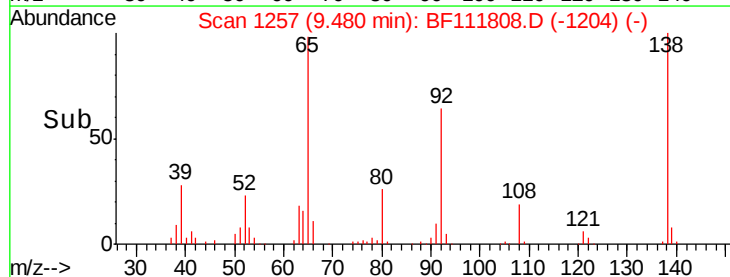
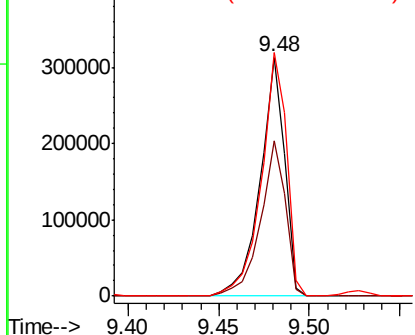


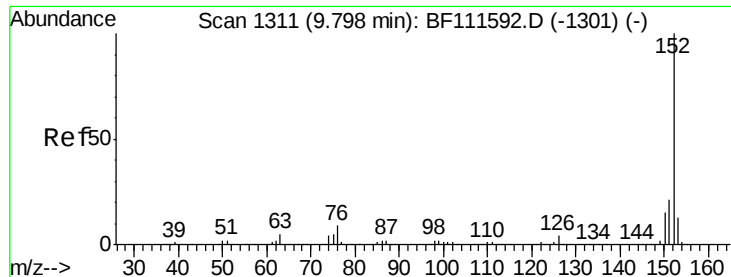
#48
2-Nitroaniline
Concen: 48.083 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion: 65 Resp: 293511
Ion Ratio Lower Upper
65 100
92 64.9 53.5 80.3
138 102.0 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: 43.746 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

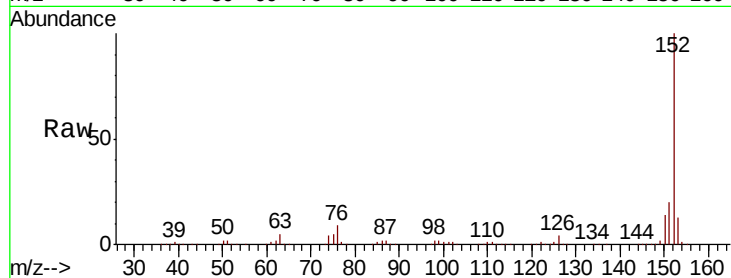
Tot Ion:152 Resp: 1498717

Ion Ratio Lower Upper

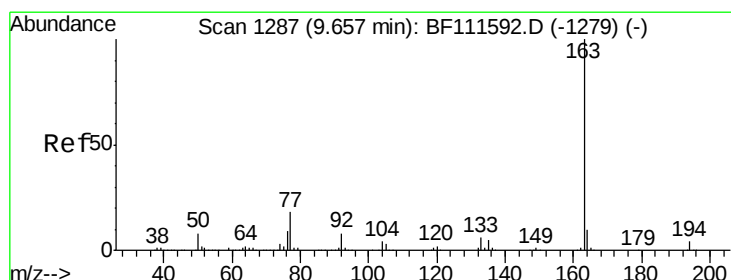
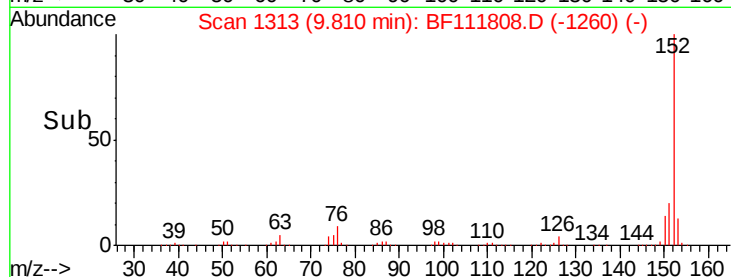
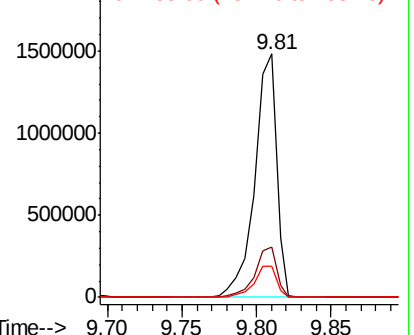
152 100

151 20.4 18.0 27.0

153 12.9 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.318 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

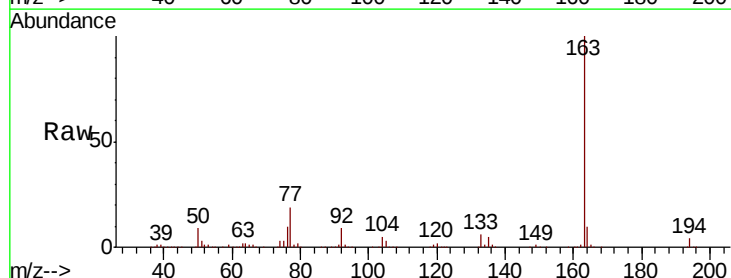
Tgt Ion:163 Resp: 1111344

Ion Ratio Lower Upper

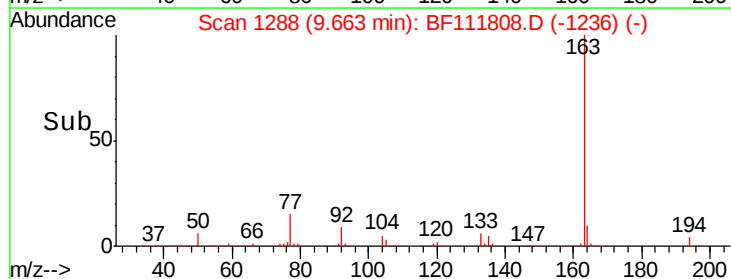
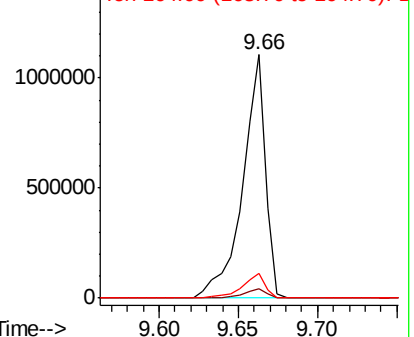
163 100

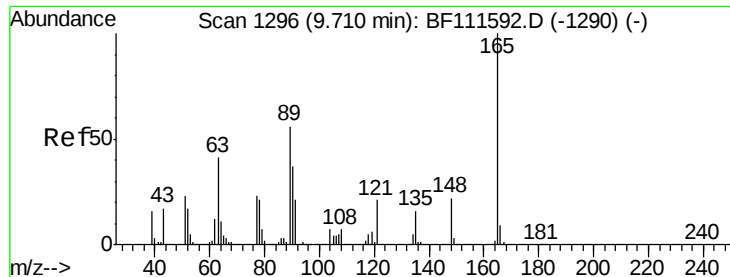
194 4.1 3.0 4.6

164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

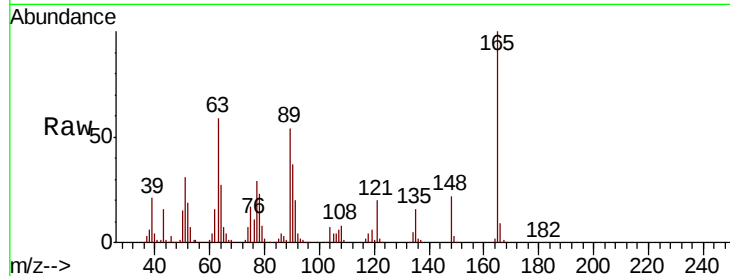




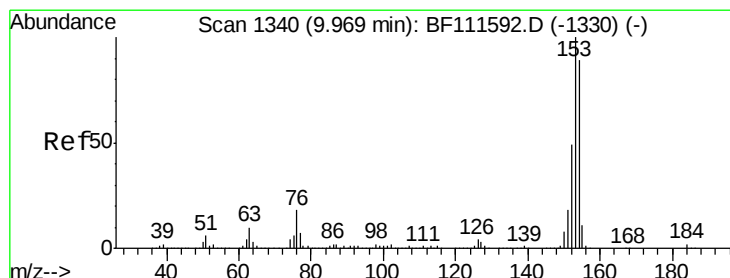
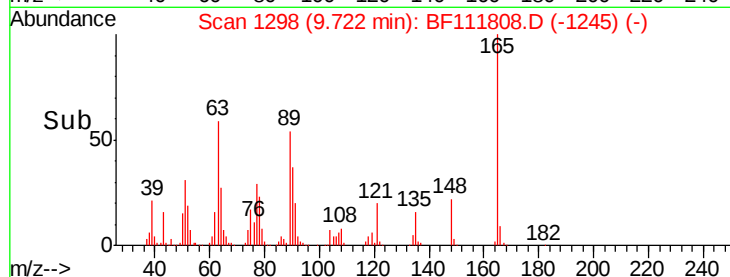
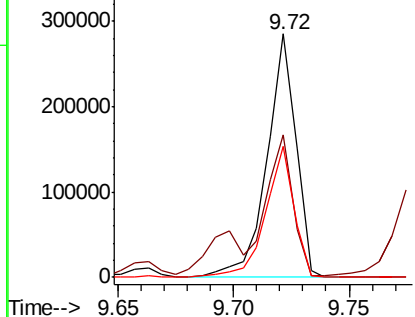
#51
2,6-Dinitrotoluene
Concen: 48.719 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 249235
Ion Ratio Lower Upper
165 100
63 58.7 40.5 60.7
89 53.9 40.0 60.0

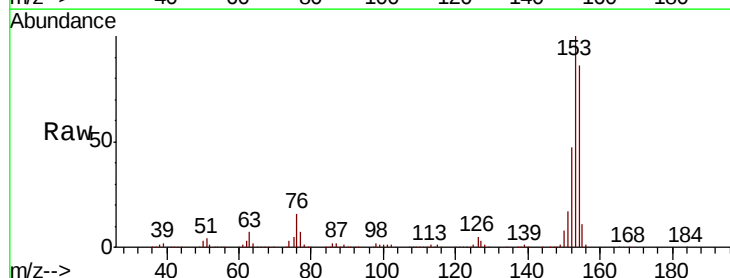


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

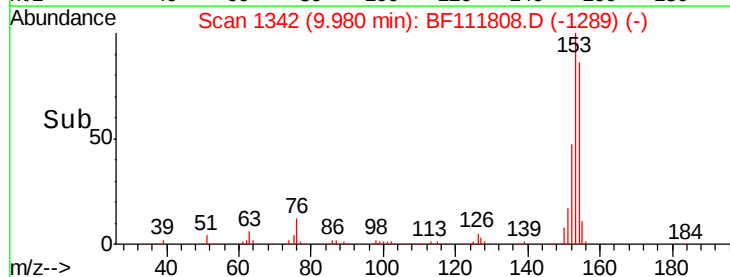
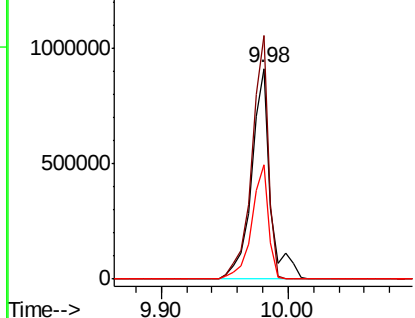


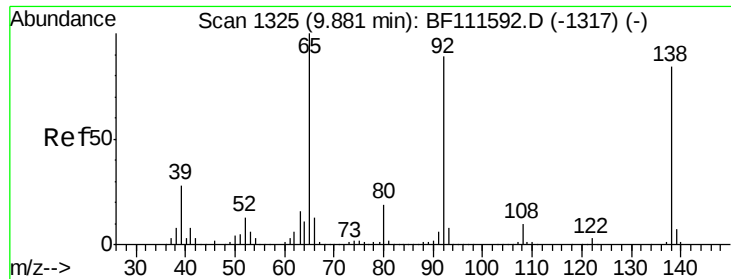
#52
Acenaphthene
Concen: 44.517 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:154 Resp: 940643
Ion Ratio Lower Upper
154 100
153 115.7 87.8 131.8
152 54.0 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

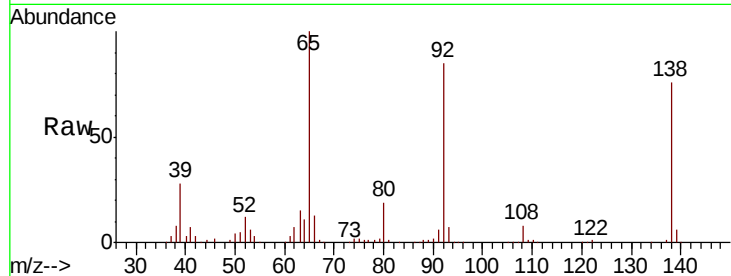




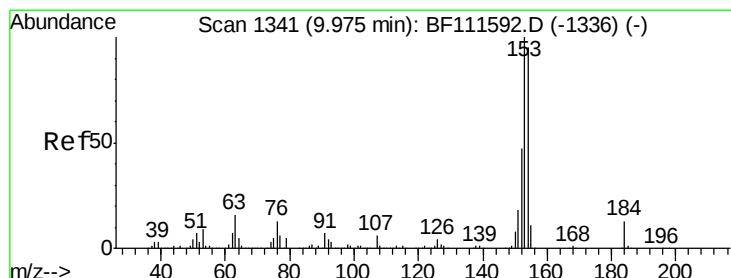
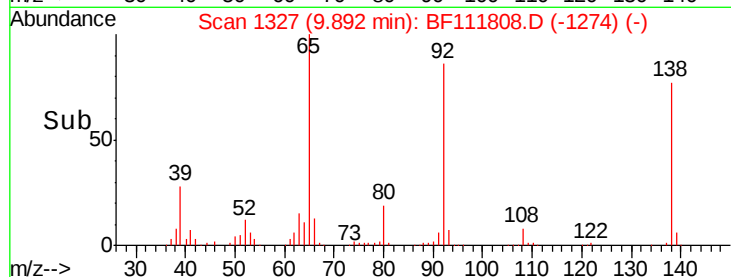
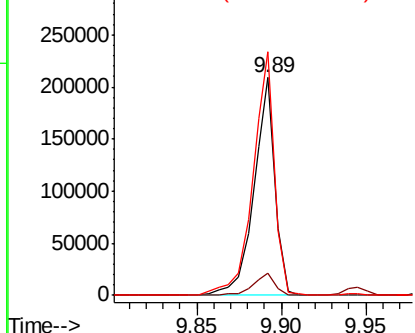
#53
3-Nitroaniline
Concen: 33.193 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 181098
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 111.8 93.4 140.2

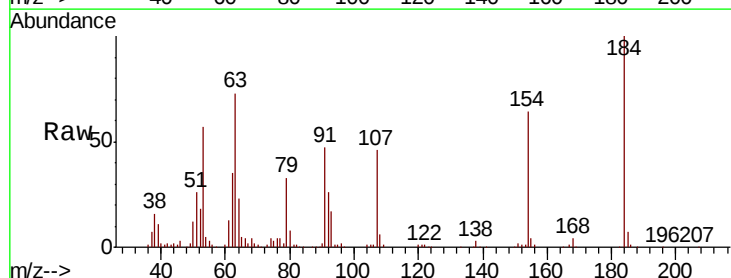


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

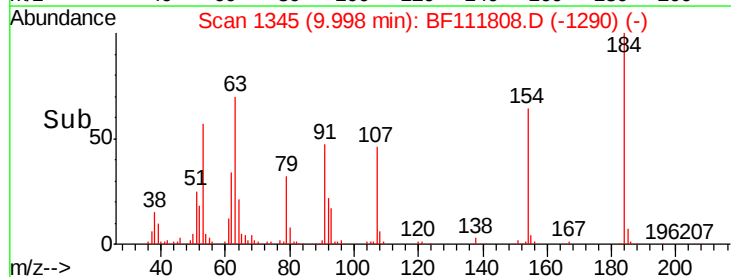
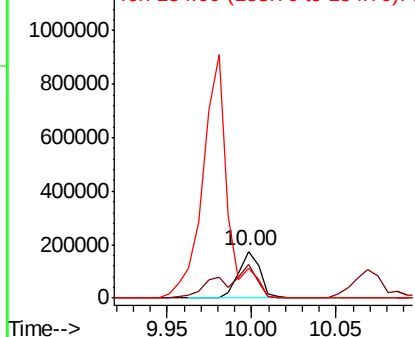


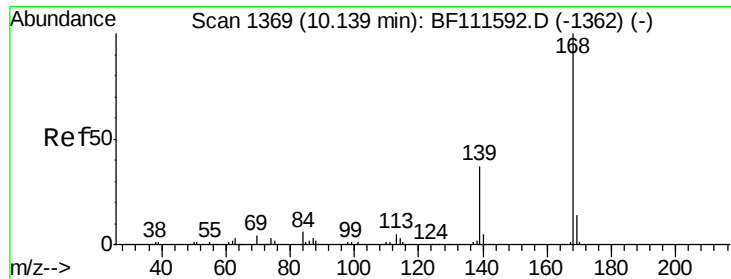
#54
2,4-Dinitrophenol
Concen: 94.044 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:184 Resp: 156716
Ion Ratio Lower Upper
184 100
63 72.6 62.3 93.5
154 64.0 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

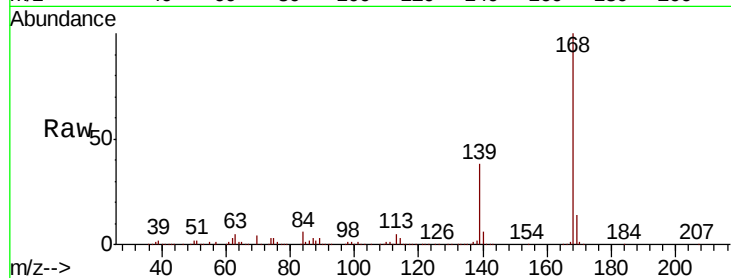




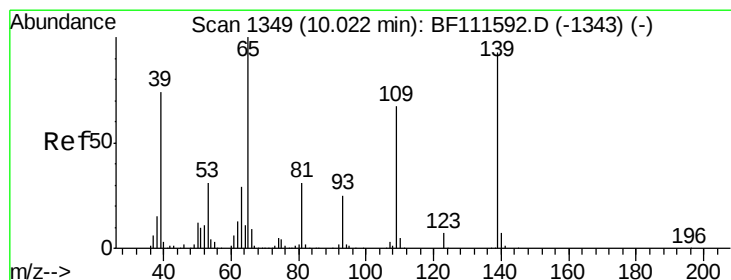
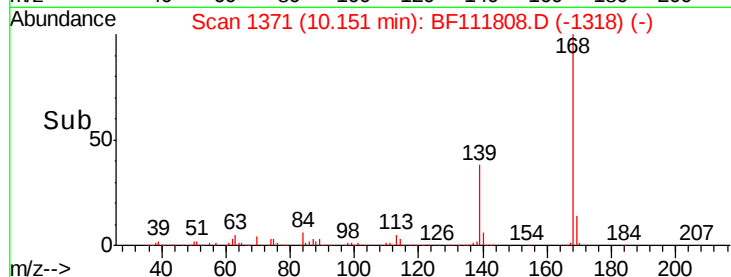
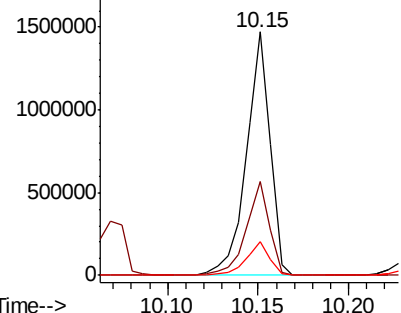
#55
Dibenzofuran
Concen: 41.680 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1330561
Ion Ratio Lower Upper
168 100
139 38.4 32.6 49.0
169 13.6 11.8 17.6

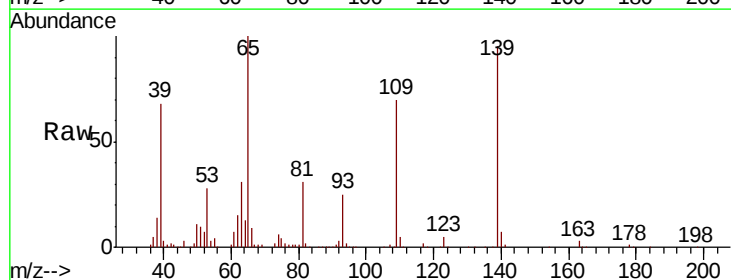


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

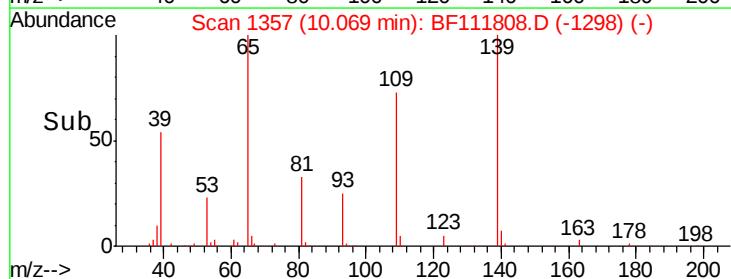
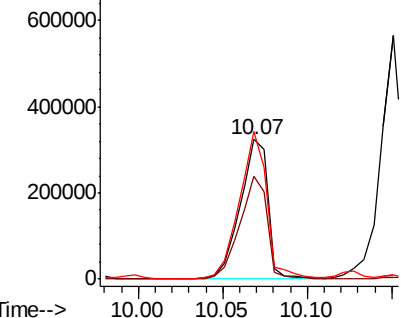


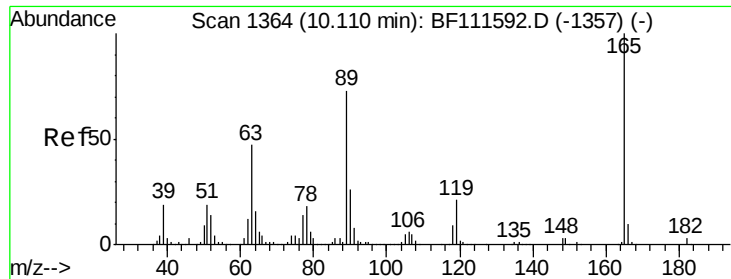
#56
4-Nitrophenol
Concen: 89.610 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:139 Resp: 373110
Ion Ratio Lower Upper
139 100
109 73.9 41.8 81.8
65 105.6 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

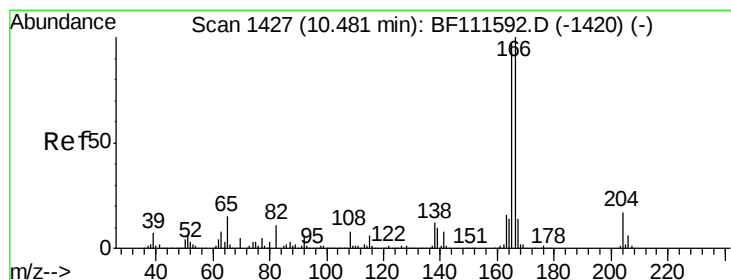
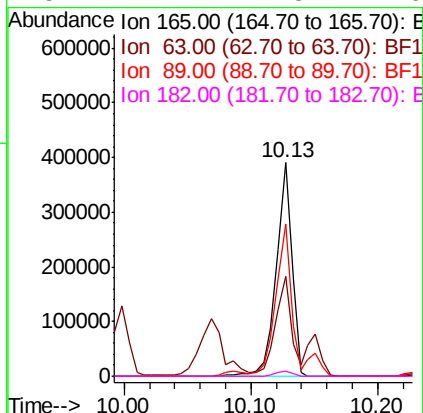
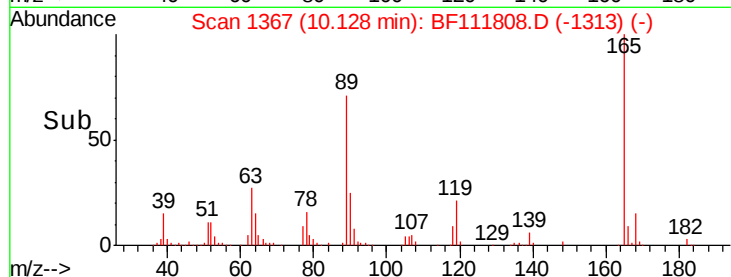
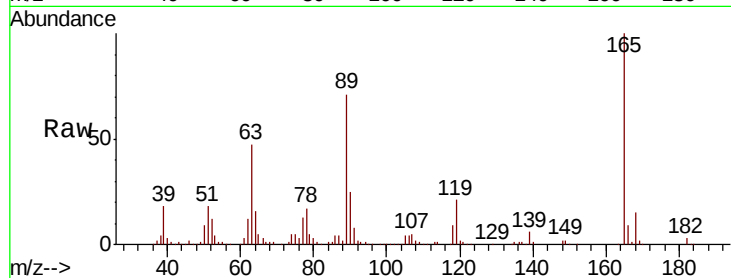




#57
2,4-Dinitrotoluene
Concen: 54.308 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

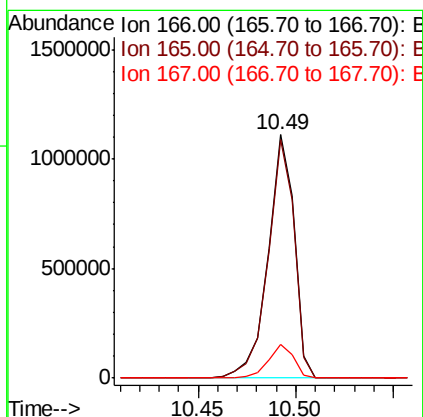
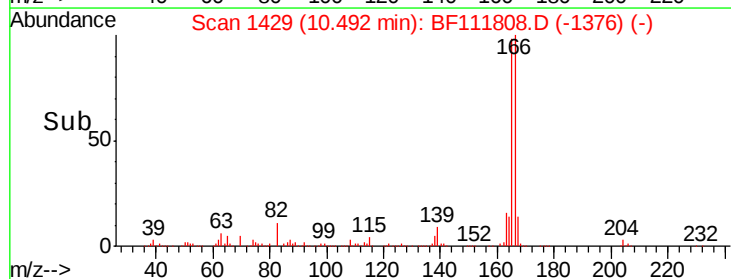
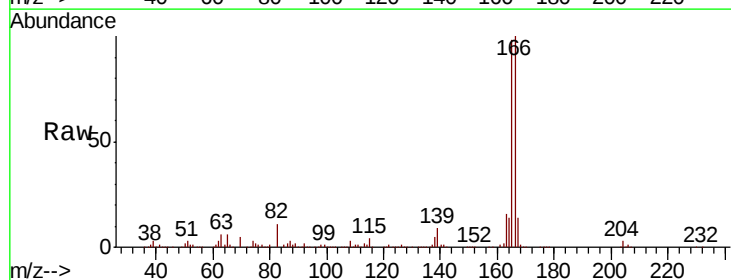
Instrument :
BNA_F
ClientSampled :

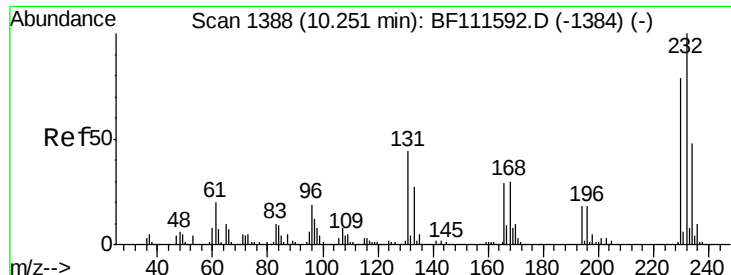
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	34.6	52.0
89	71.1	56.2	84.4
182	2.7	1.8	2.6



#58
Fluorene
Concen: 45.034 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.8	11.2	16.8

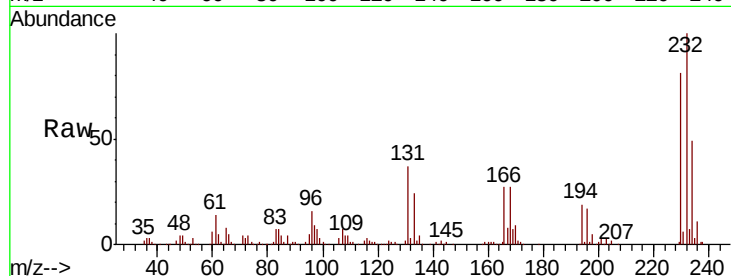




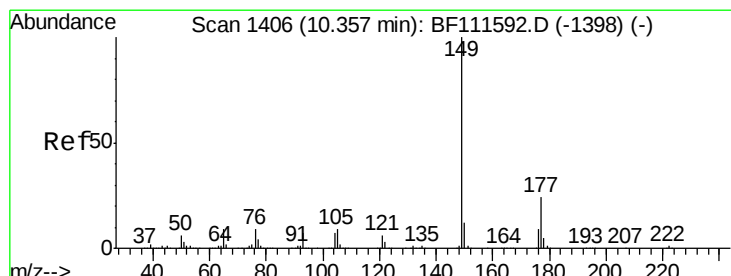
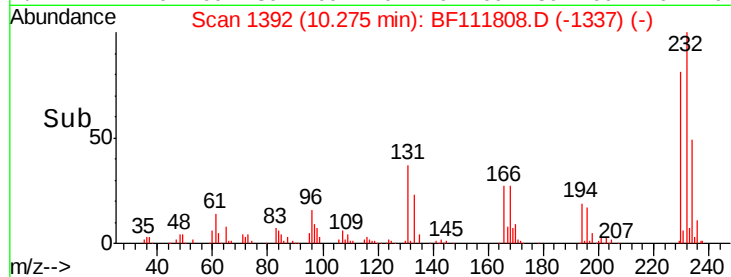
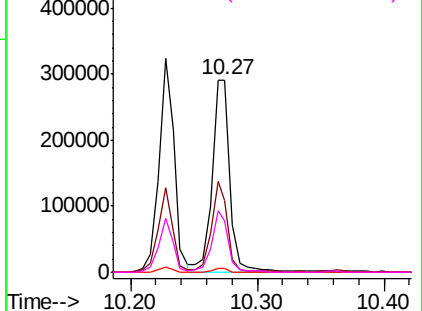
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.563 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	40.9	61.3
130	2.1	2.0	3.0
166	29.3	26.8	40.2

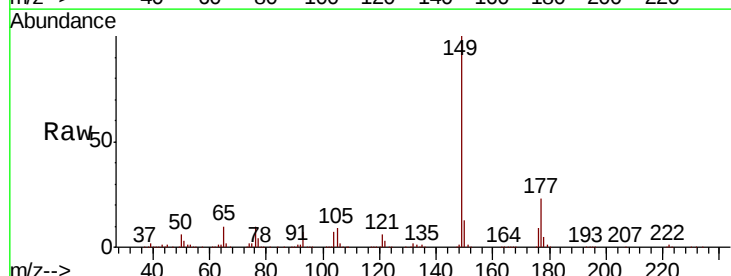


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

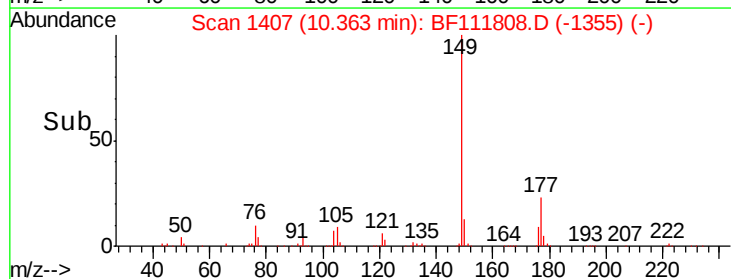
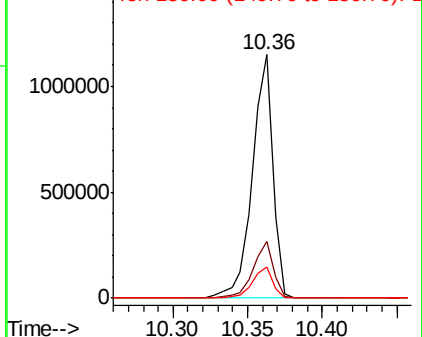


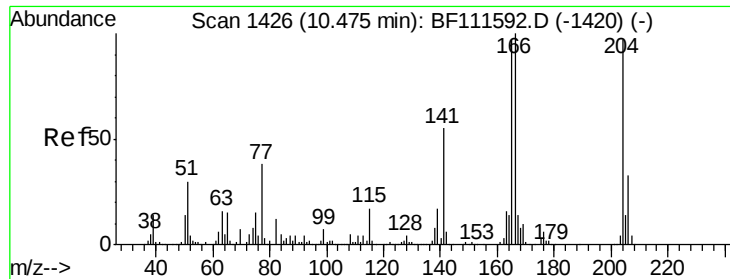
#60
Diethylphthalate
Concen: 43.090 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.6	10.6	15.8



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

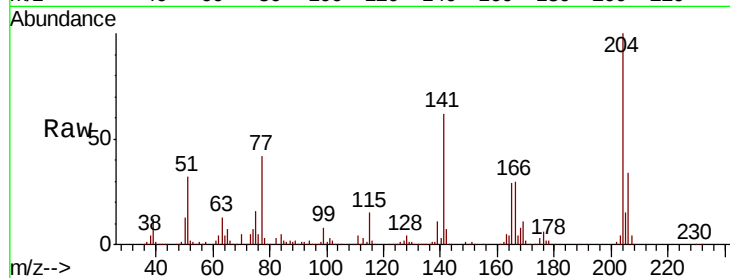




#61
 4-Chlorophenyl-phenylether
 Concen: 40.879 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.6	39.8
141	61.7	52.6	78.8

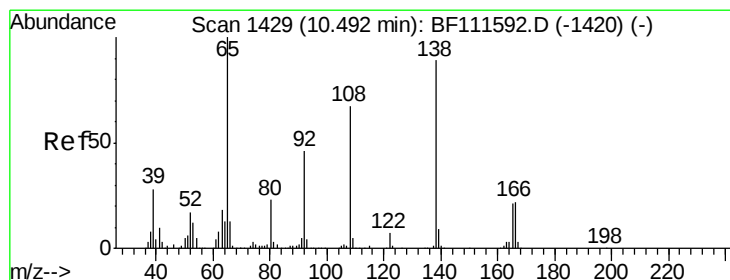
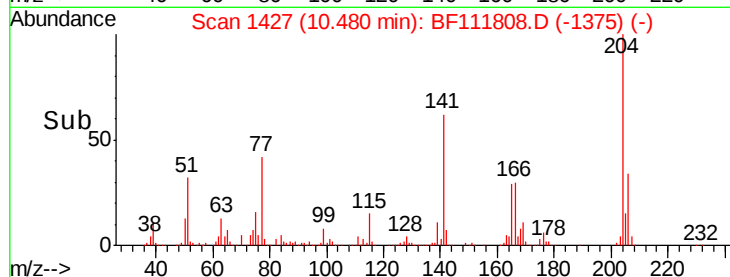
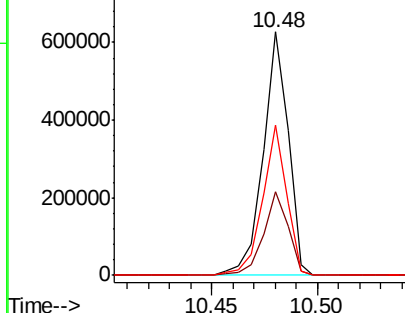


Abundance

Ion 204.00 (203.70 to 204.70): E

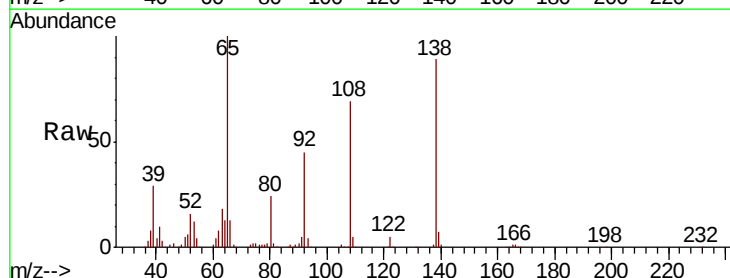
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 47.359 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.9	69.9
108	77.3	43.2	83.2

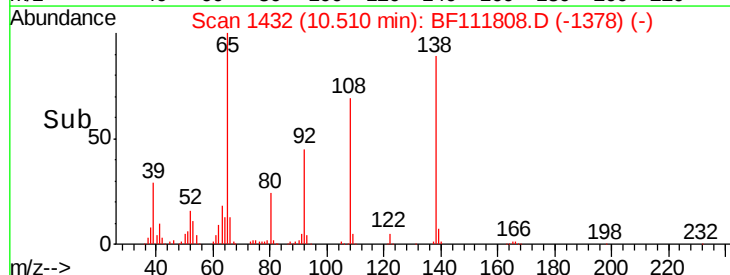
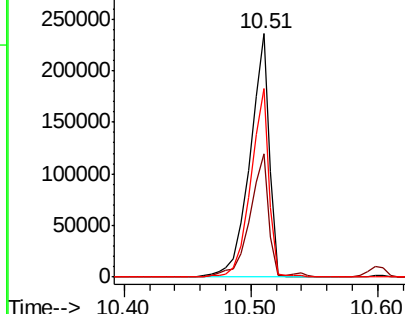


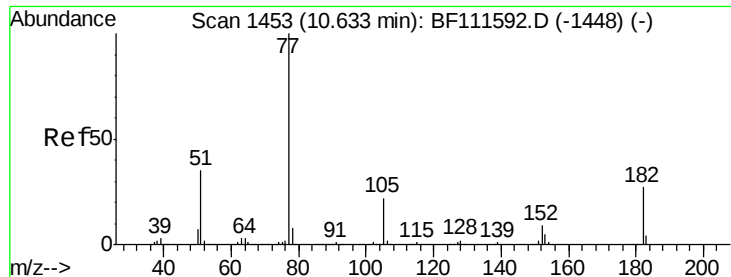
Abundance

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: 40.581 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

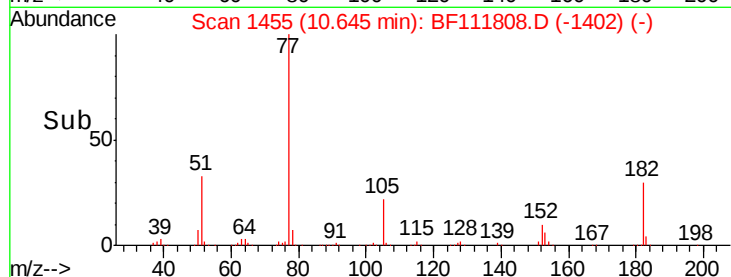
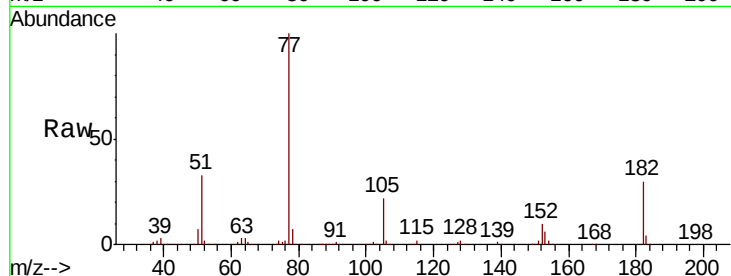
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1025313

Ion	Ratio	Lower	Upper
77	100		
182	29.9	4.9	44.9
105	22.1	6.0	46.0
51	32.6	14.7	54.7

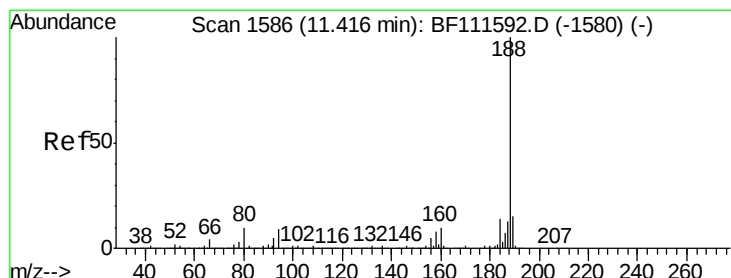
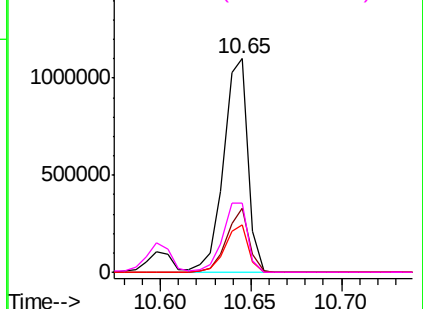


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

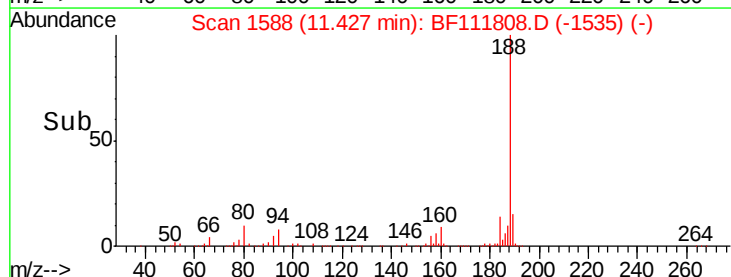
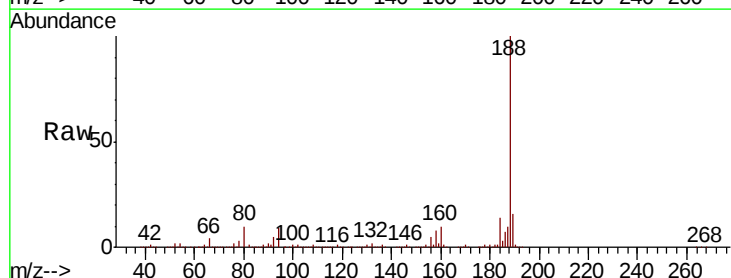
Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion: 188 Resp: 679381

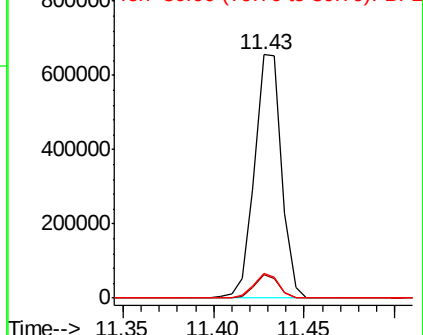
Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	10.2	9.8	14.6

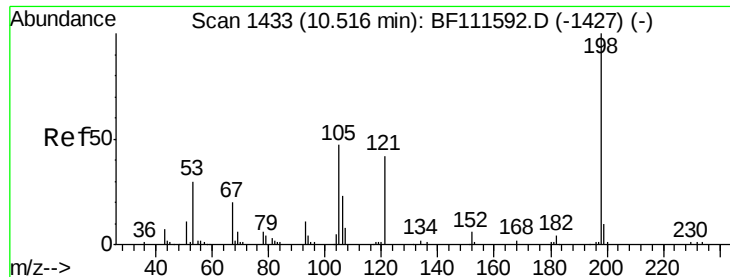


Abundance Ion 188.00 (187.70 to 188.70): E

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: 46.482 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampled :

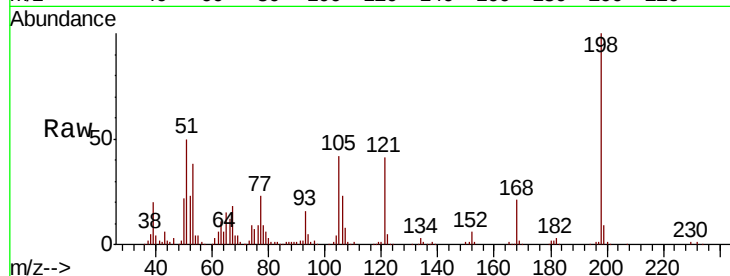
Tot Ion:198 Resp: 129824

Ion Ratio Lower Upper

198 100

51 49.7 48.0 88.0

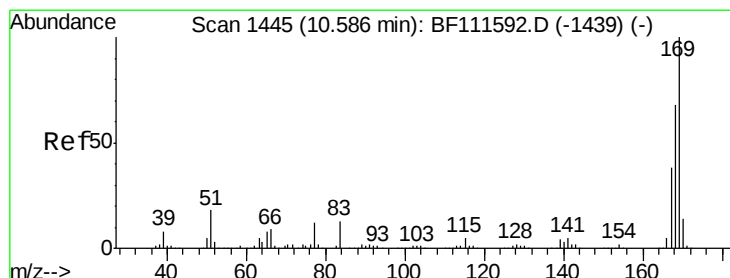
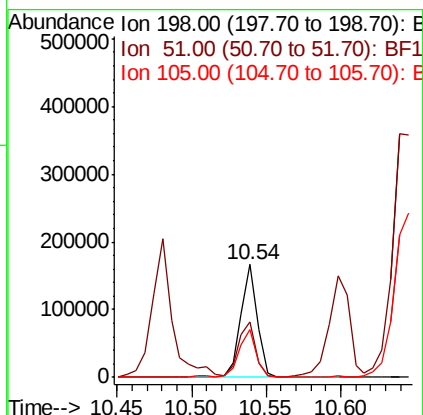
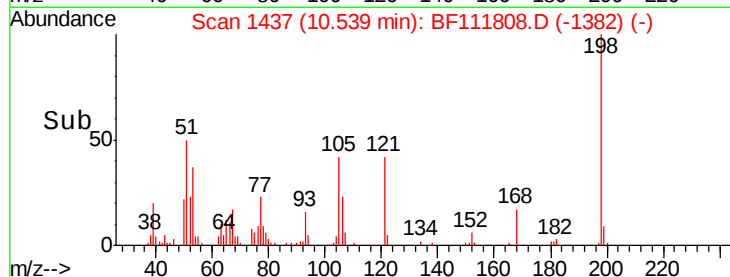
105 42.0 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.029 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

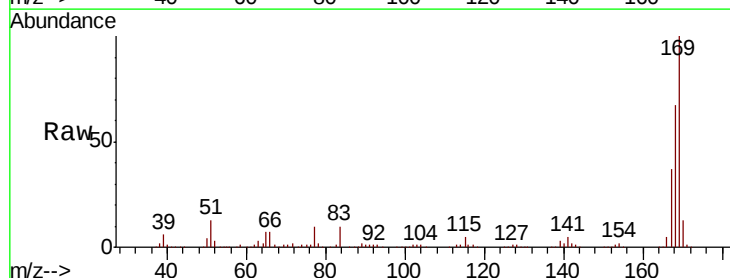
Tgt Ion:169 Resp: 912872

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

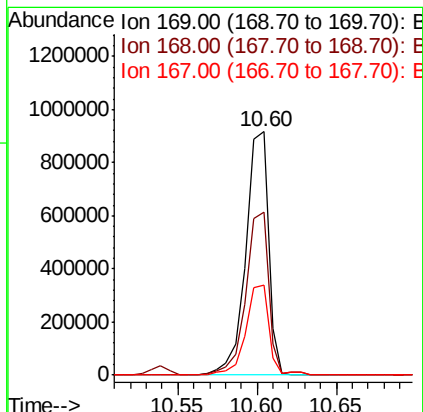
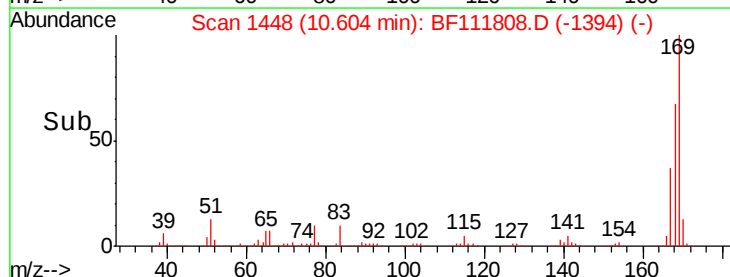
167 37.0 30.5 45.7

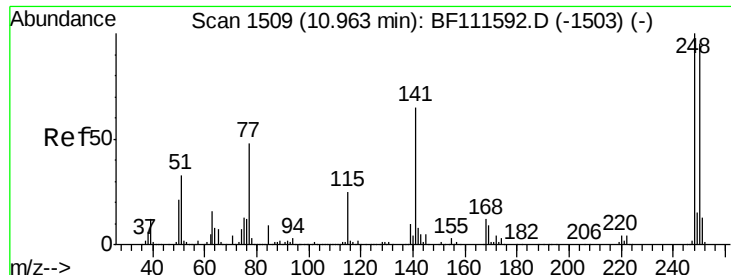


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

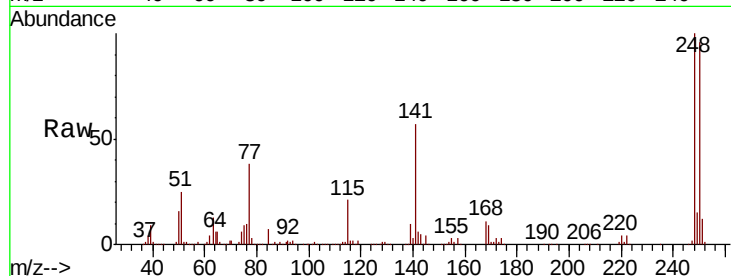




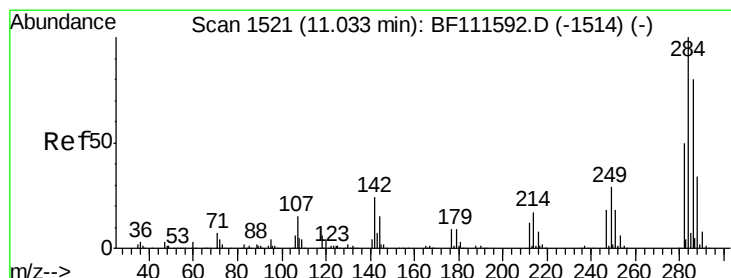
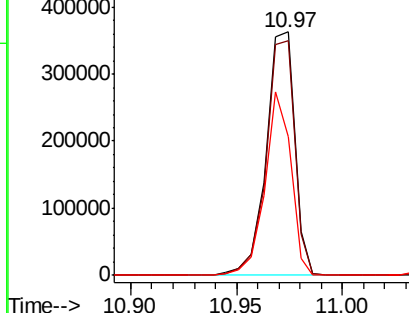
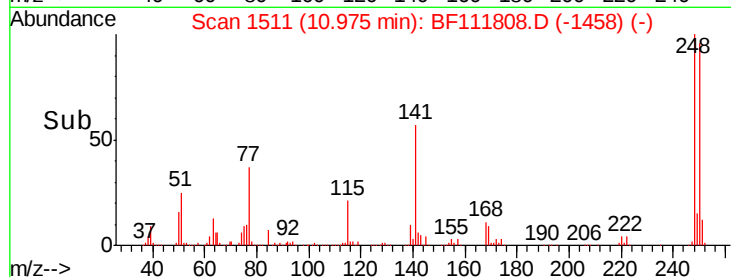
#67
4-Bromophenyl-phenylether
Concen: 40.597 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 342092
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 57.1 63.0 94.6#

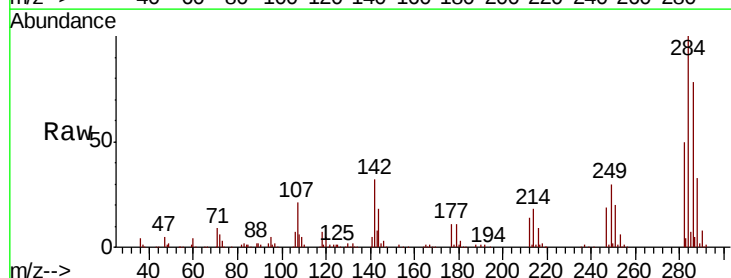


Abundance Ion 248.00 (247.70 to 248.70): E
500000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

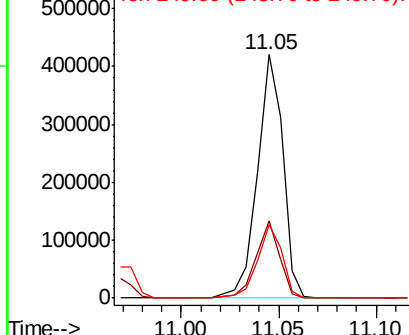
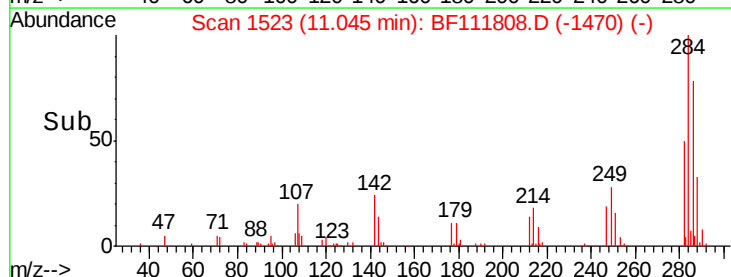


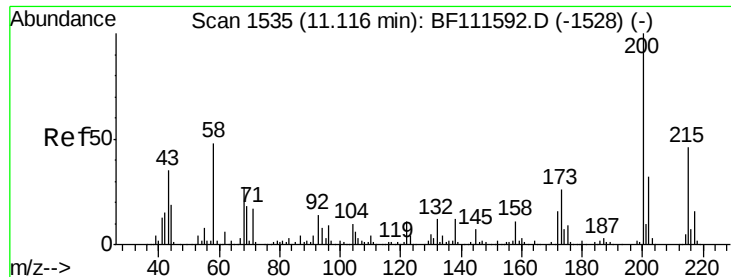
#68
Hexachlorobenzene
Concen: 40.341 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:284 Resp: 379019
Ion Ratio Lower Upper
284 100
142 31.7 27.4 41.2
249 30.1 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
500000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.887 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

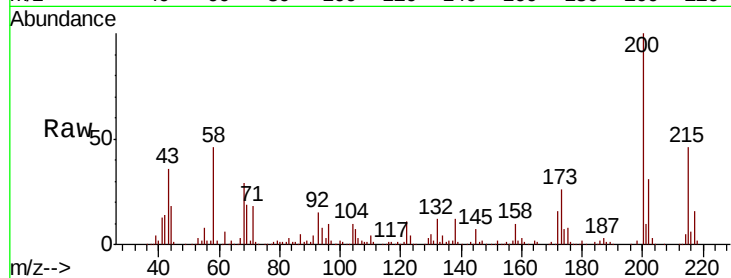
Tot Ion:200 Resp: 308092

Ion Ratio Lower Upper

200 100

173 26.5 10.1 50.1

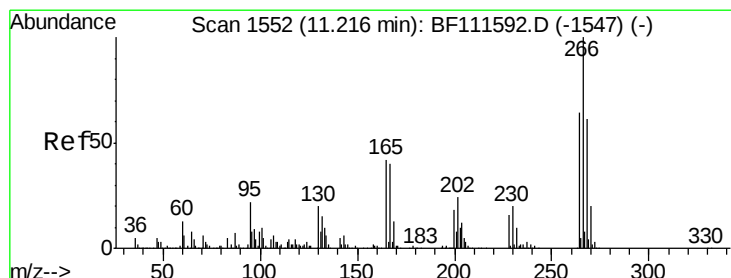
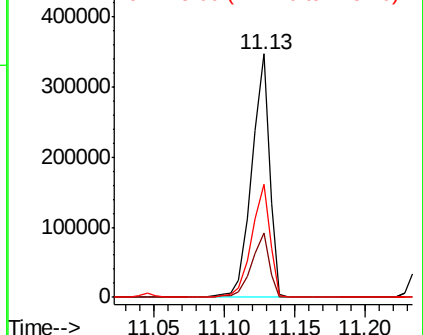
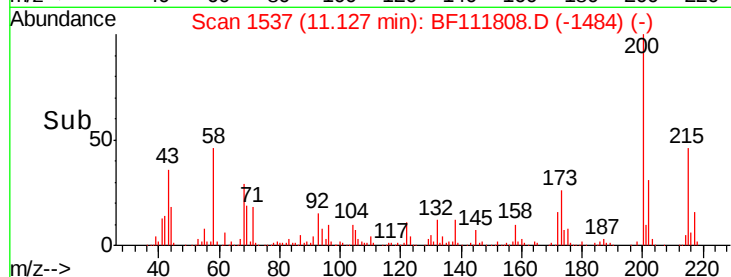
215 46.5 26.9 66.9



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: 55.547 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

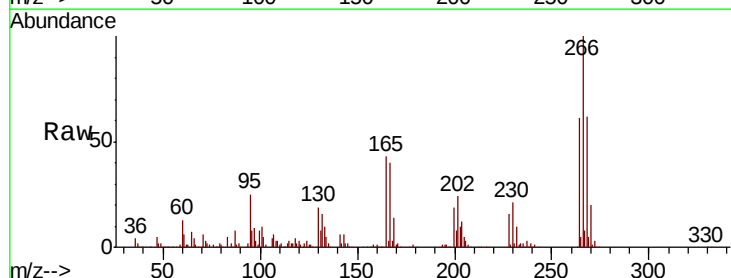
Tgt Ion:266 Resp: 322634

Ion Ratio Lower Upper

266 100

268 62.2 47.9 71.9

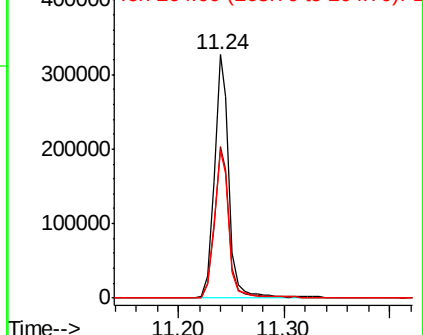
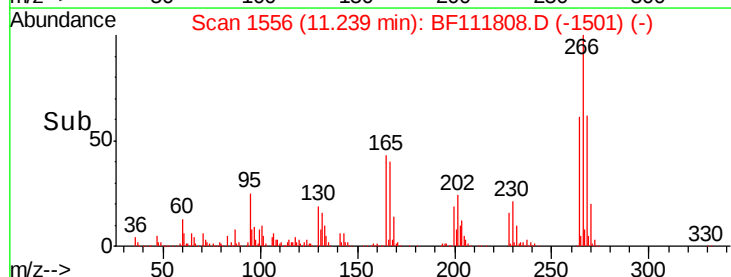
264 60.8 49.1 73.7

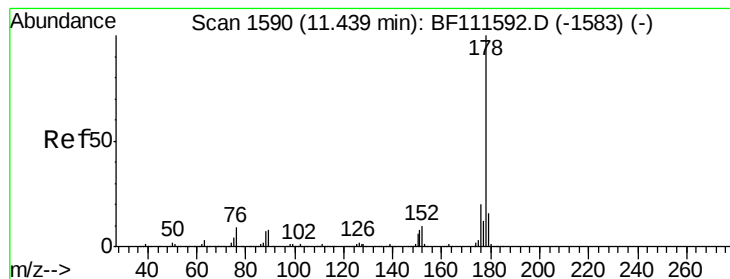


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.327 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

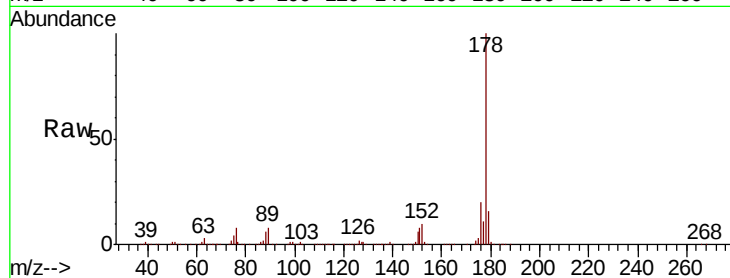
Tot Ion:178 Resp: 1525057

Ion Ratio Lower Upper

178 100

176 20.0 18.1 27.1

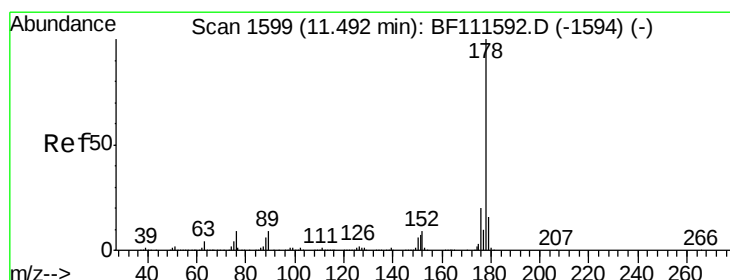
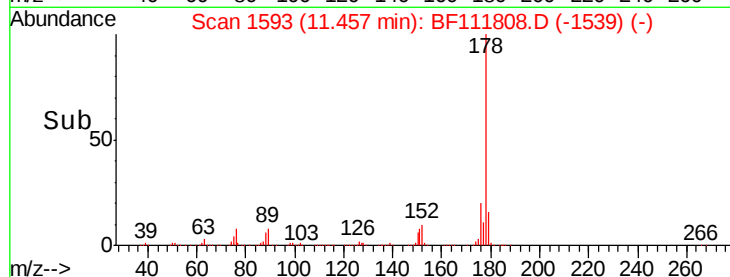
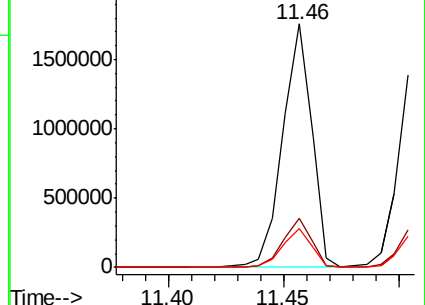
179 15.8 14.0 21.0



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: 43.442 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

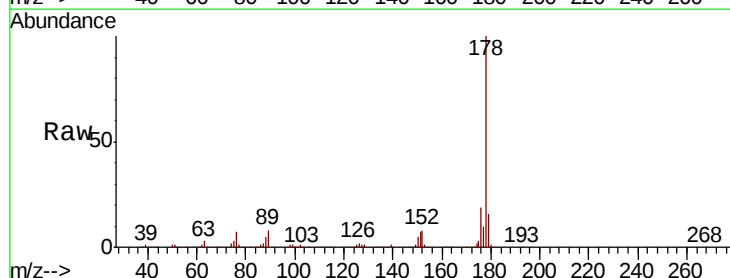
Tgt Ion:178 Resp: 1571065

Ion Ratio Lower Upper

178 100

176 19.4 17.2 25.8

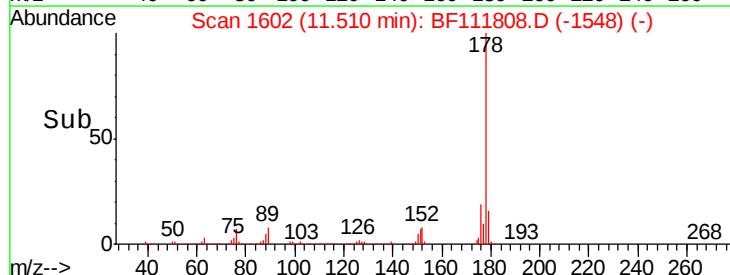
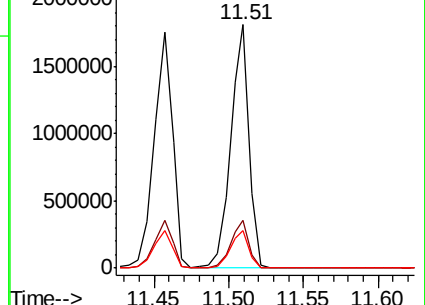
179 15.6 13.8 20.8

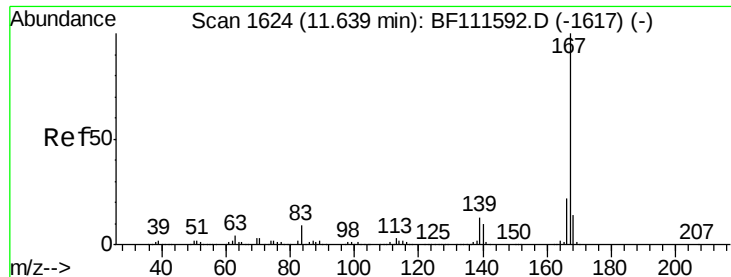


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

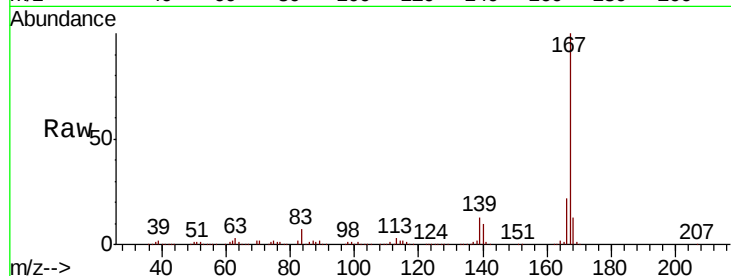




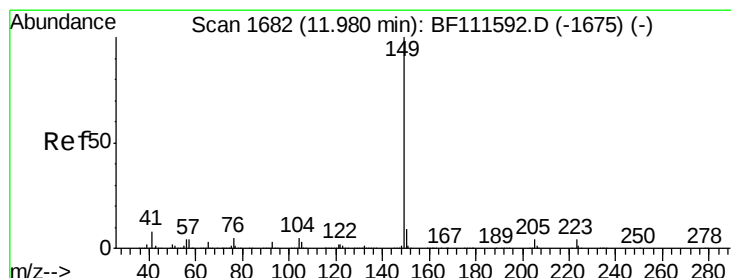
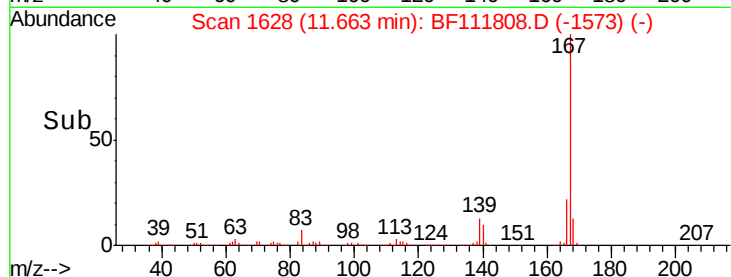
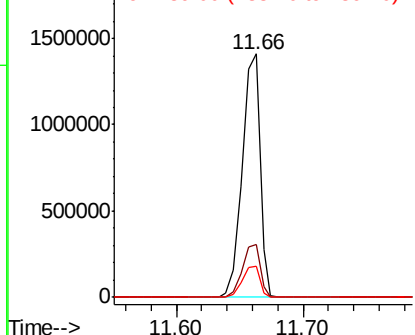
#73
 Carbazole
 Concen: 38.771 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1361302
 Ion Ratio Lower Upper
 167 100
 166 21.6 19.3 28.9
 139 12.8 11.9 17.9

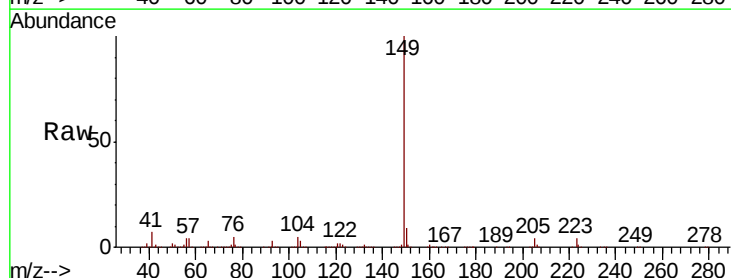


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

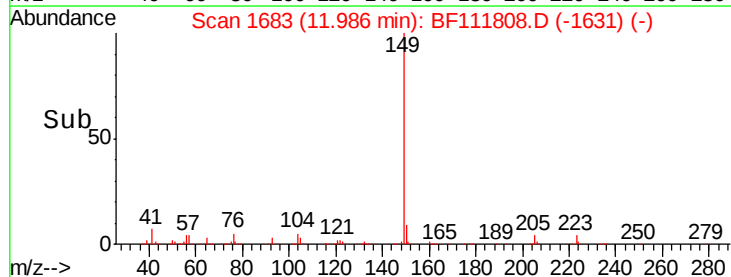
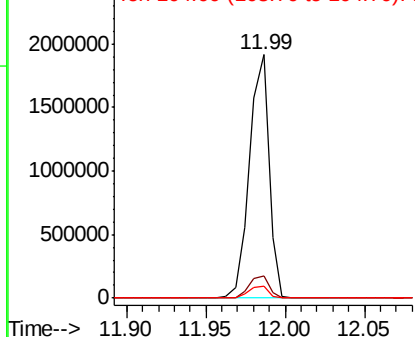


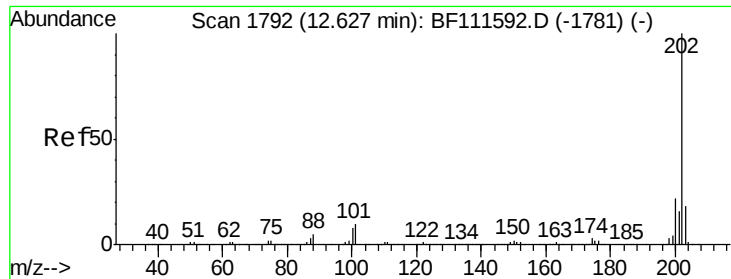
#74
 Di-n-butylphthalate
 Concen: 41.708 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion:149 Resp: 1641933
 Ion Ratio Lower Upper
 149 100
 150 9.3 8.8 13.2
 104 4.8 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

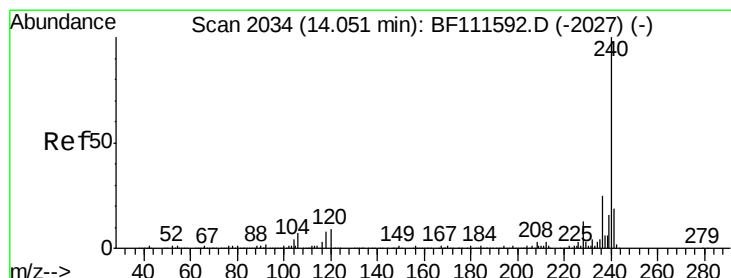
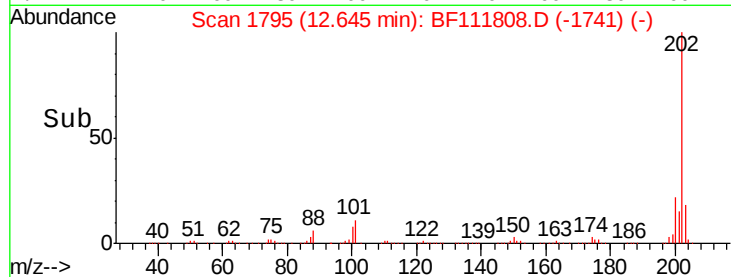
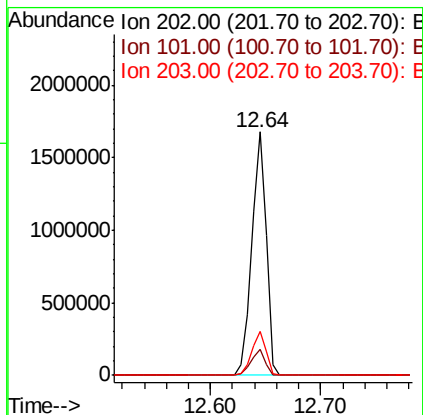
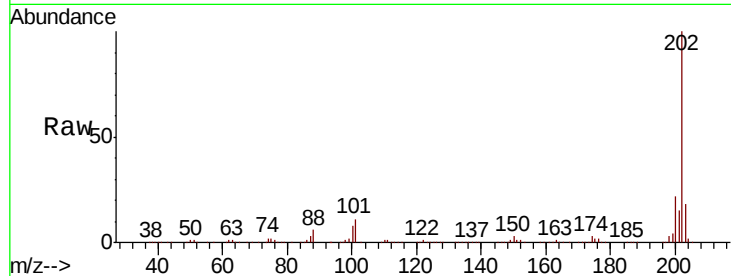




#75
 Fluoranthene
 Concen: 42.221 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

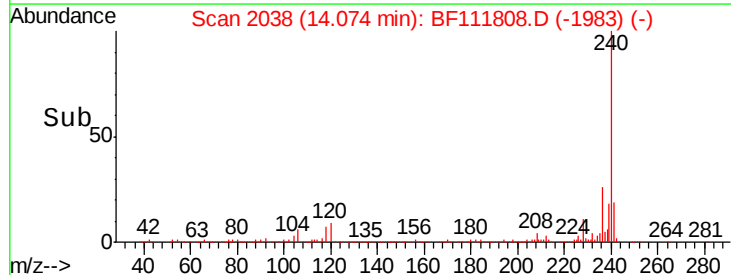
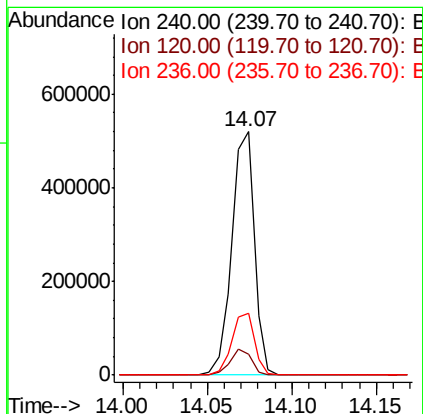
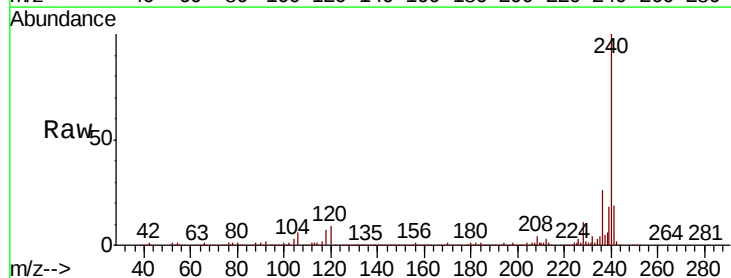
Instrument :
 BNA_F
 ClientSampleId :

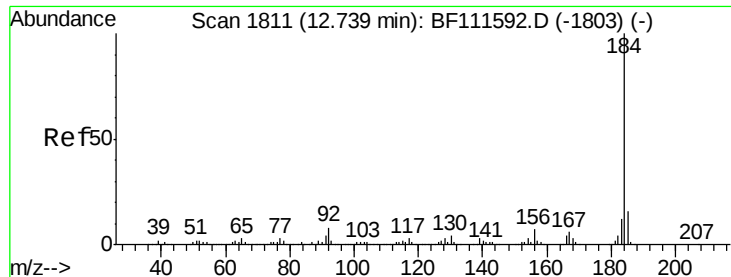
Tot Ion:202 Resp: 1540475
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 33.8
 203 18.2 0.0 38.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion:240 Resp: 479397
 Ion Ratio Lower Upper
 240 100
 120 8.6 12.2 18.2#
 236 25.6 20.2 30.2





#77

Benzidine

Concen: 28.993 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

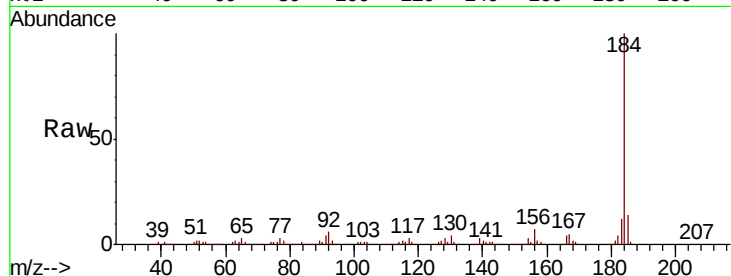
Tot Ion:184 Resp: 523014

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

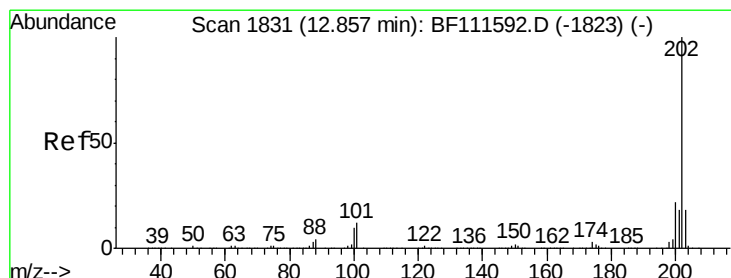
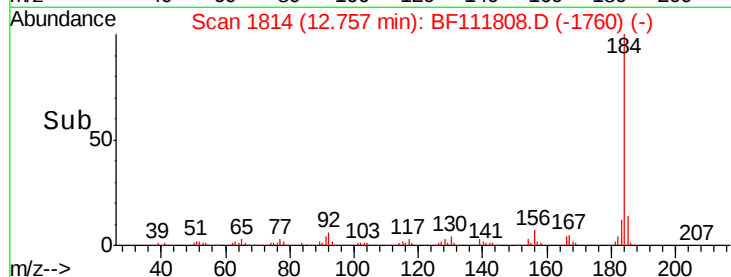
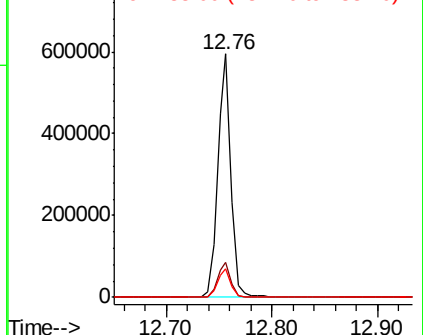
183 11.7 9.3 13.9



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: 45.182 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

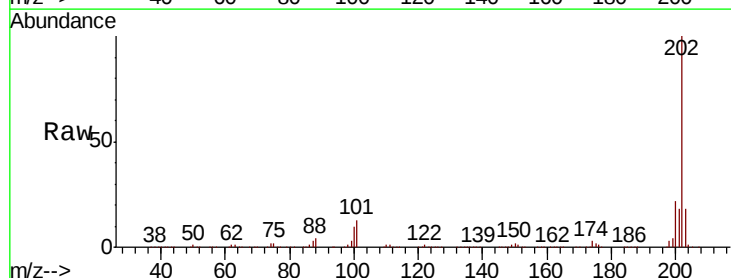
Tgt Ion:202 Resp: 1529575

Ion Ratio Lower Upper

202 100

200 22.1 19.0 28.4

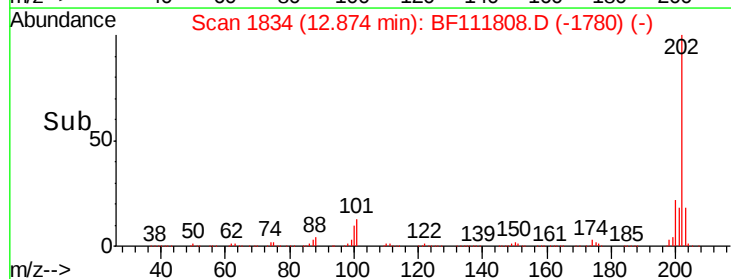
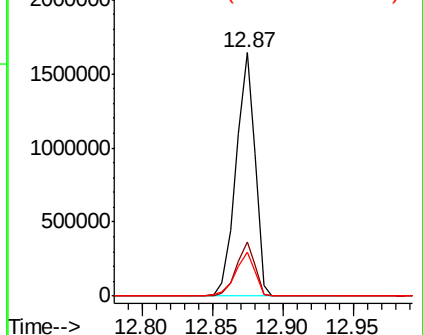
203 18.0 15.2 22.8

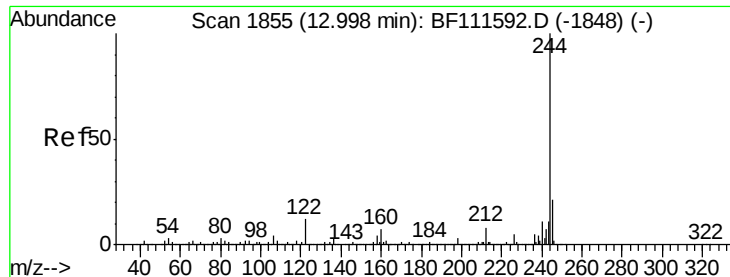


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.349 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampled :

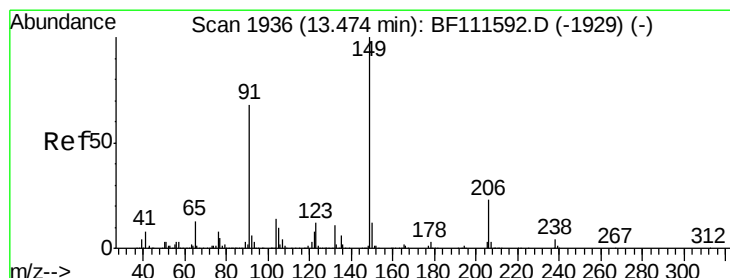
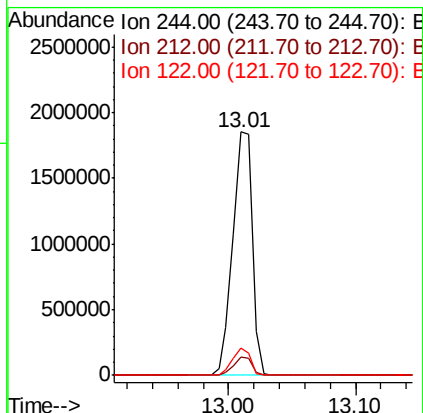
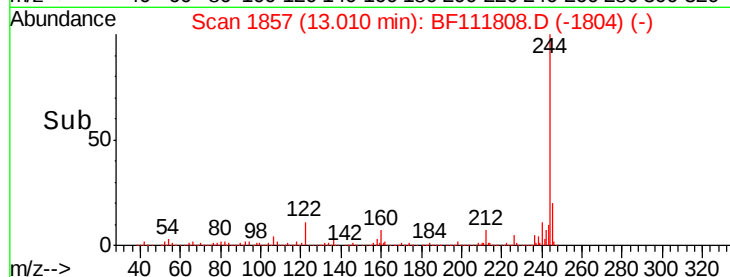
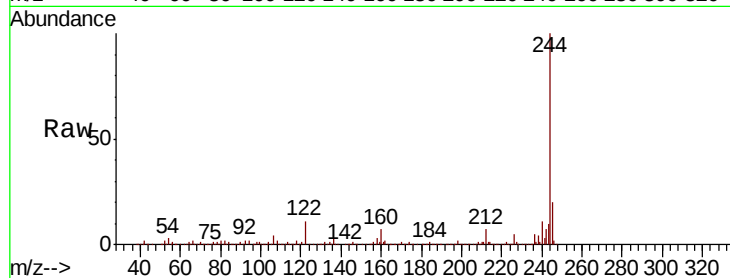
Tot Ion:244 Resp: 1955313

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.4 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 46.323 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

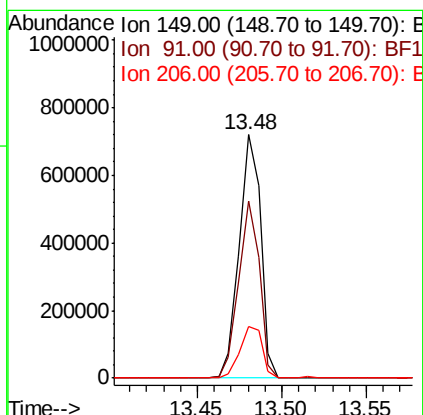
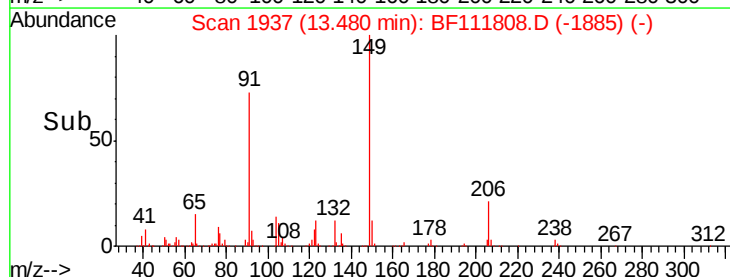
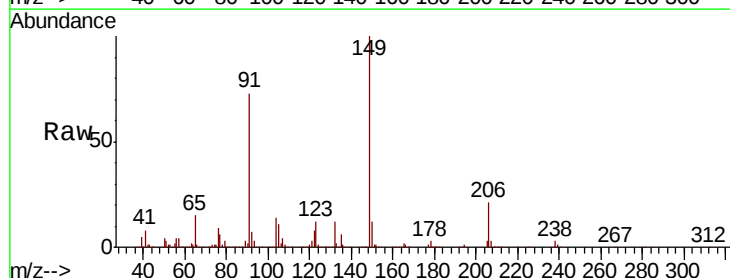
Tgt Ion:149 Resp: 639244

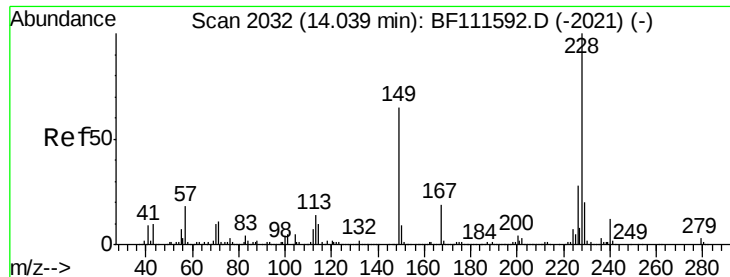
Ion Ratio Lower Upper

149 100

91 72.9 63.8 95.6

206 21.0 15.1 22.7





#81

Benzo(a)anthracene

Concen: 44.899 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

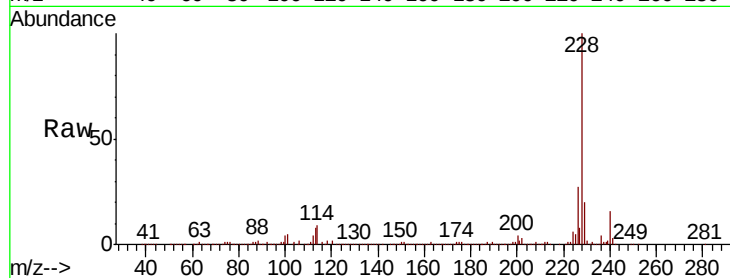
Tot Ion:228 Resp: 1228397

Ion Ratio Lower Upper

228 100

226 27.0 22.6 34.0

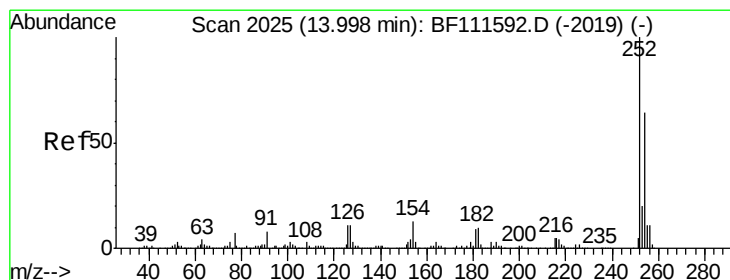
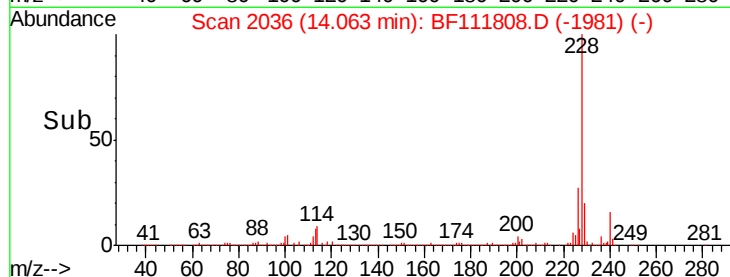
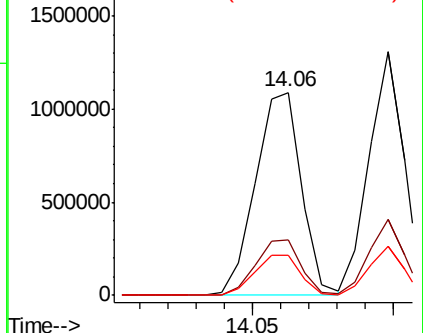
229 19.6 16.3 24.5



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: 25.468 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

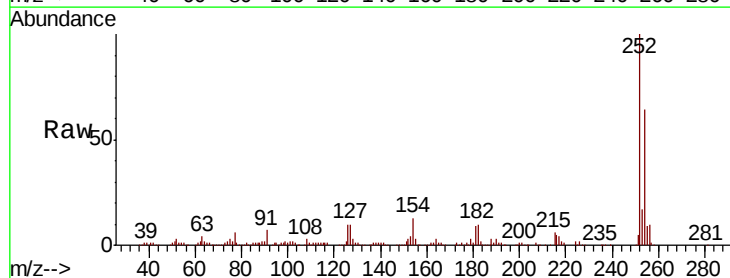
Tgt Ion:252 Resp: 275306

Ion Ratio Lower Upper

252 100

254 64.3 52.7 79.1

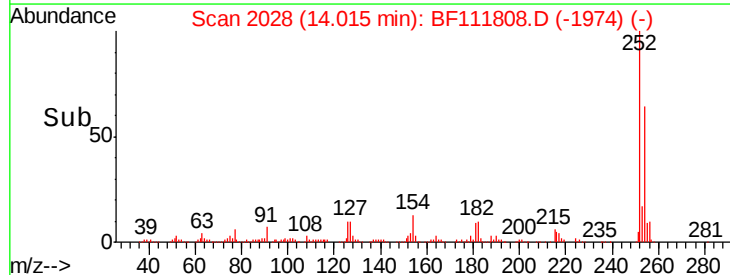
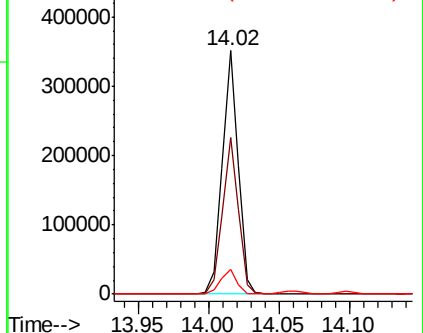
126 10.1 11.1 16.7#

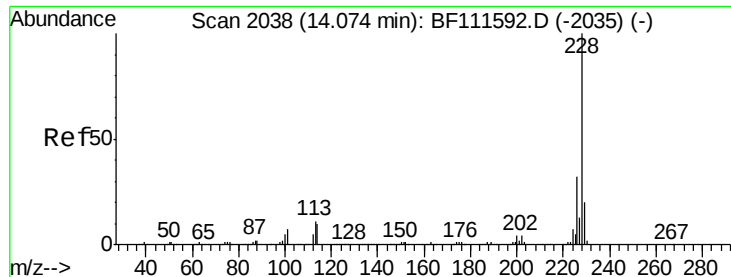


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

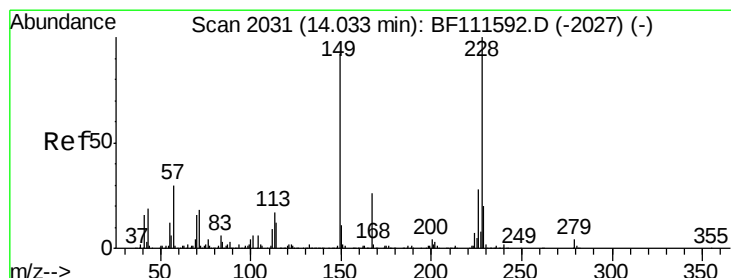
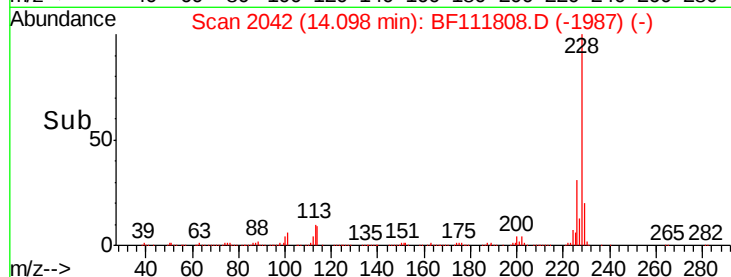
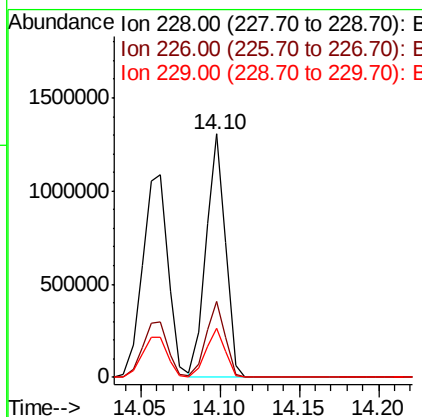
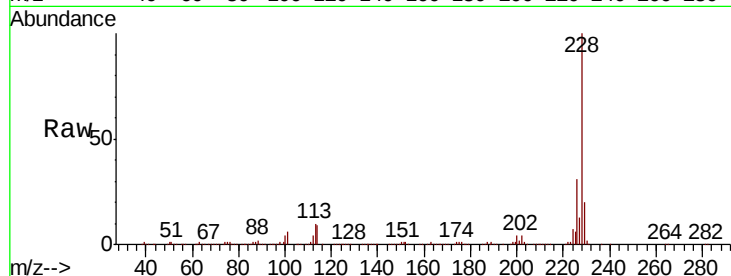




#83
 Chrysene
 Concen: 41.654 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

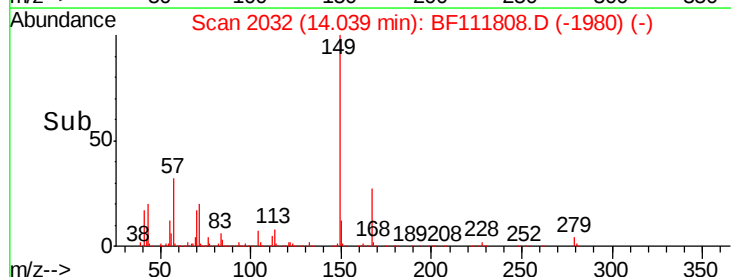
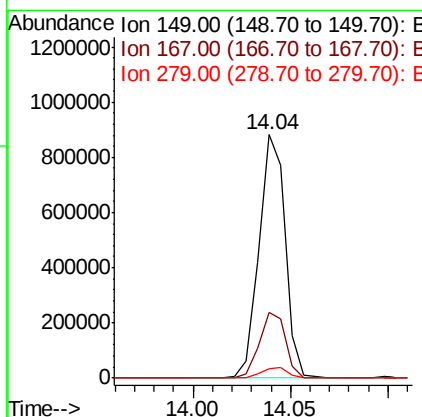
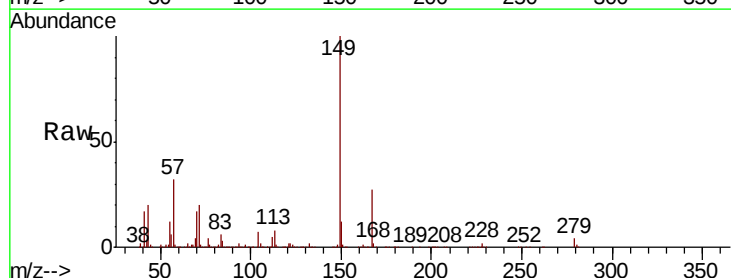
Instrument :
 BNA_F
 ClientSampleId :

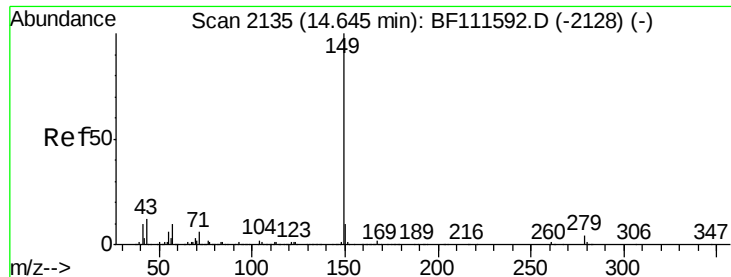
Tot Ion:228 Resp: 1120061
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.3 37.9
 229 20.1 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.050 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion:149 Resp: 817838
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.5 33.7
 279 3.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 42.668 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

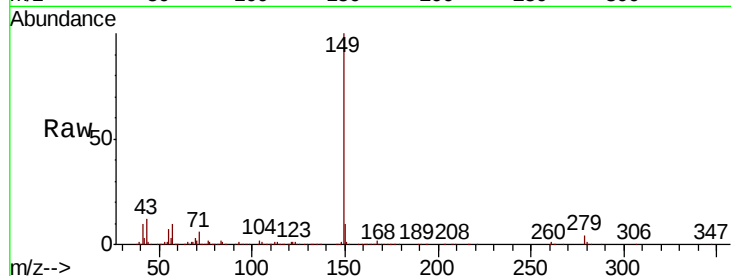
Tot Ion:149 Resp: 1149100

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

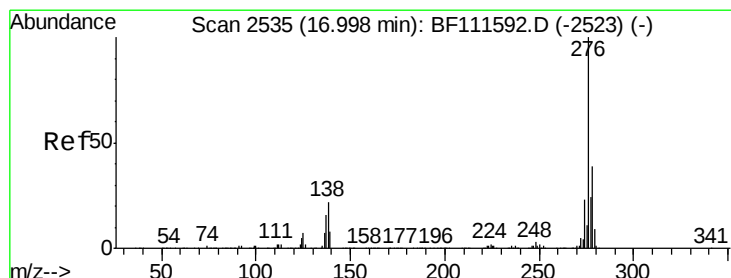
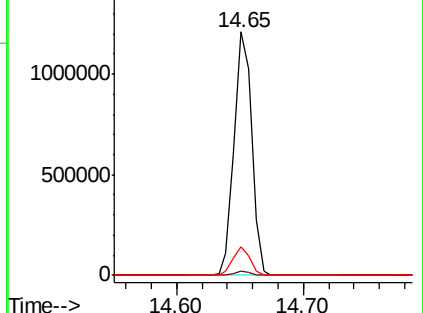
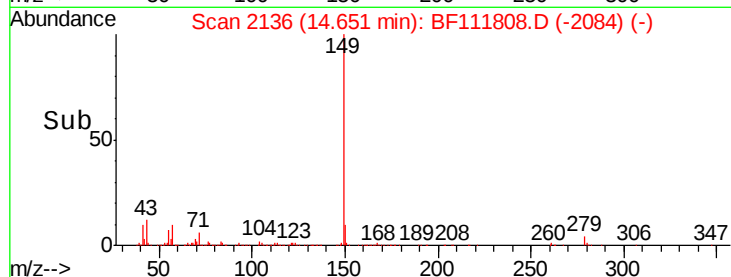
43 11.2 10.9 16.3



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: 39.671 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.06 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

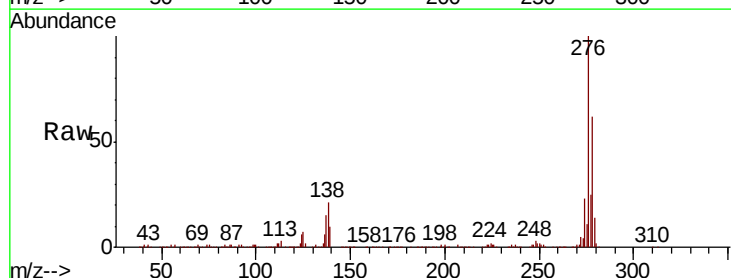
Tgt Ion:276 Resp: 906849

Ion Ratio Lower Upper

276 100

138 22.2 27.8 41.6#

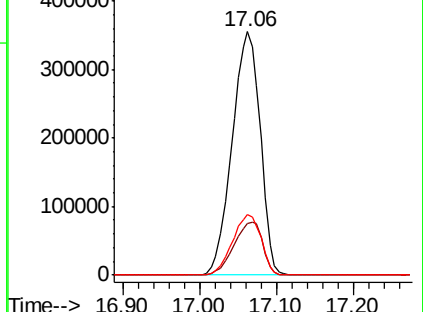
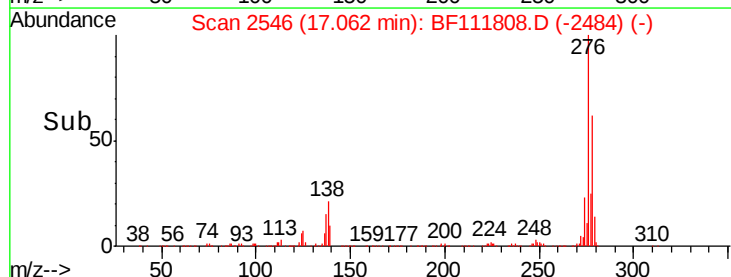
277 25.3 20.1 30.1

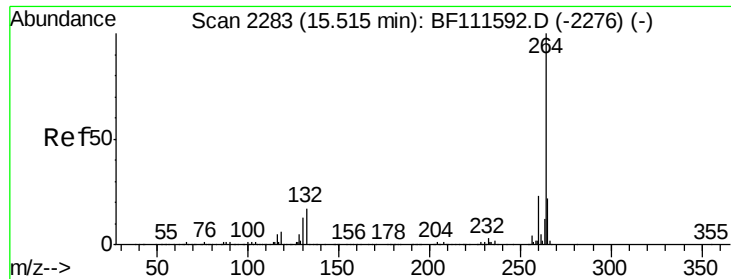


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

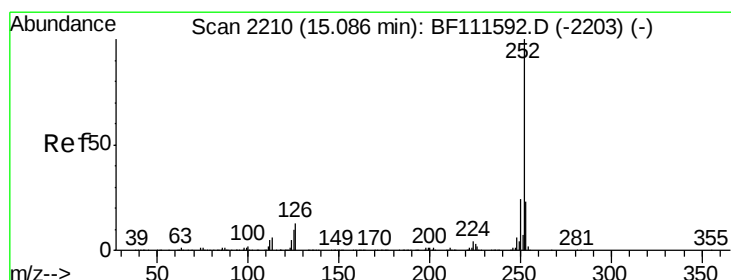
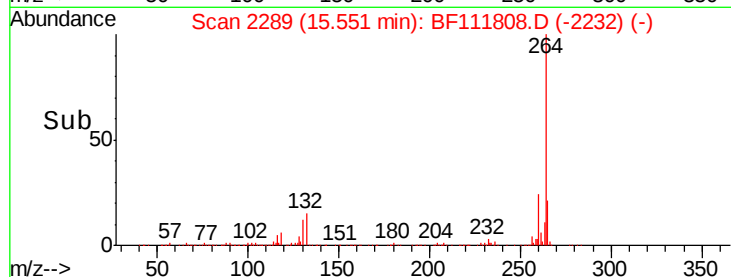
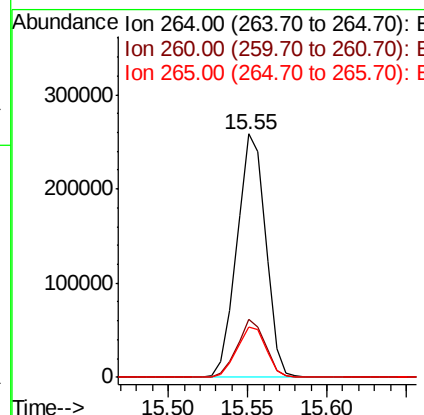
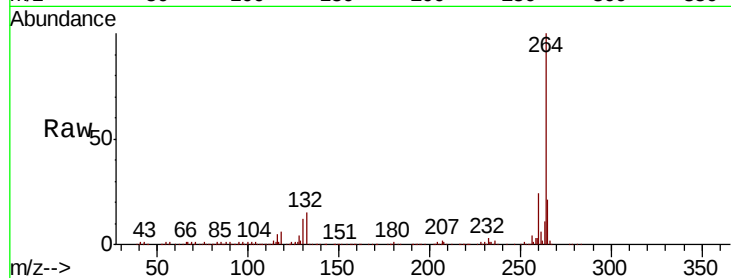




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

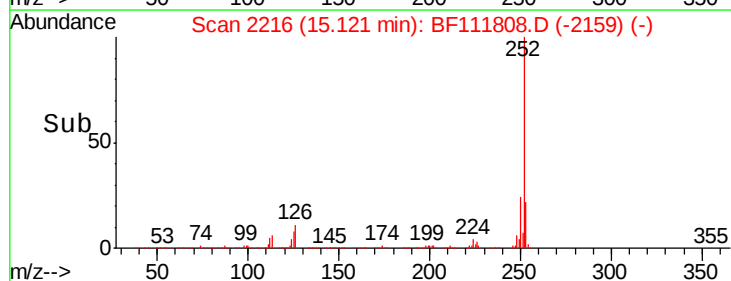
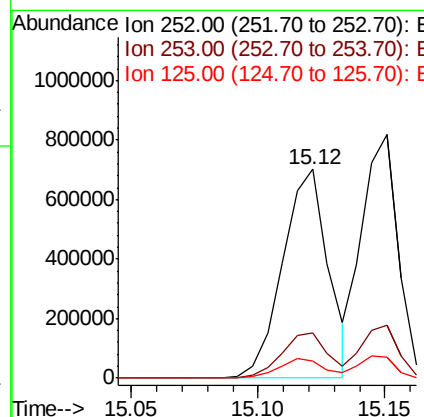
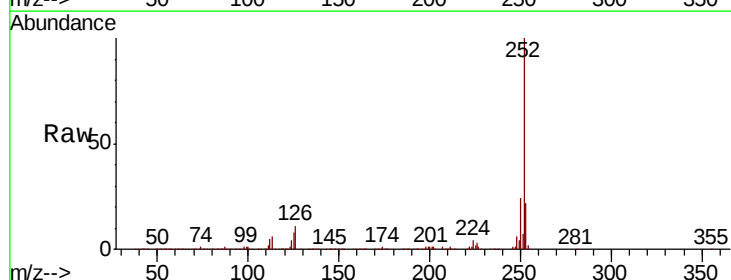
Instrument :
BNA_F
ClientSampleId :

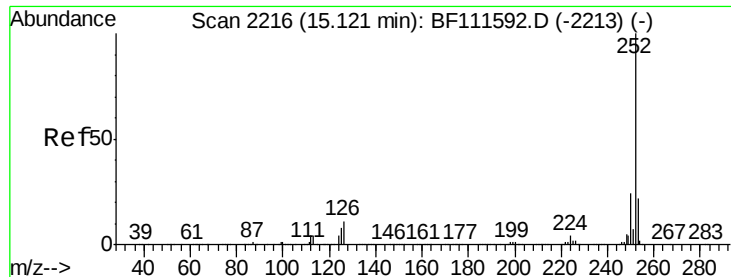
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	20.9	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 46.092 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.3	10.4	15.6#

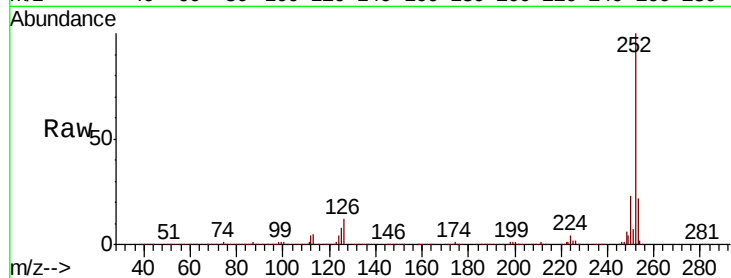




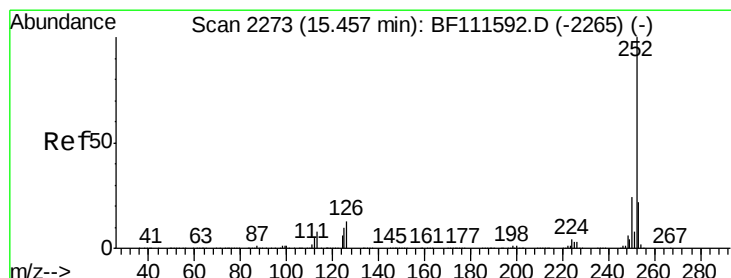
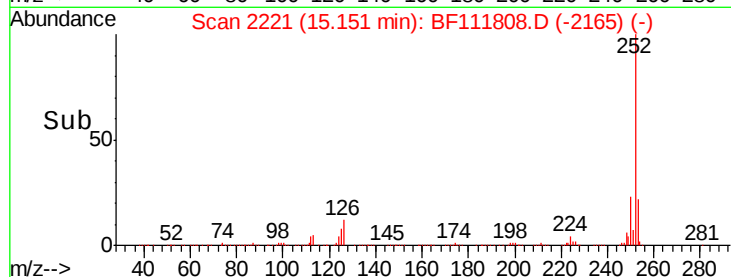
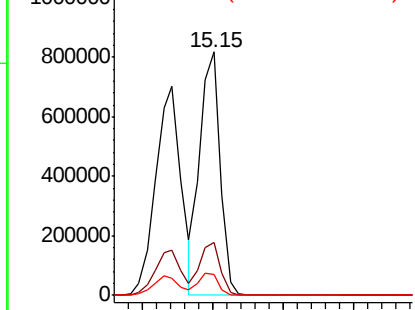
#89
Benzo(k)fluoranthene
Concen: 45.373 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.4	9.8	14.8

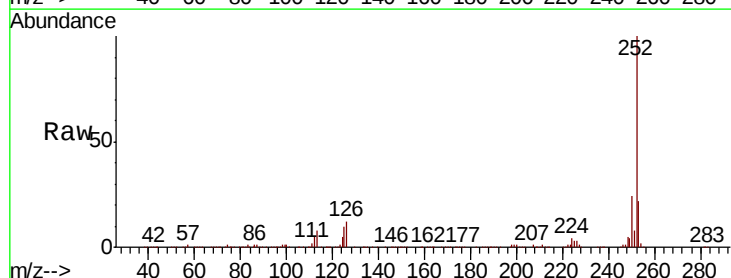


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

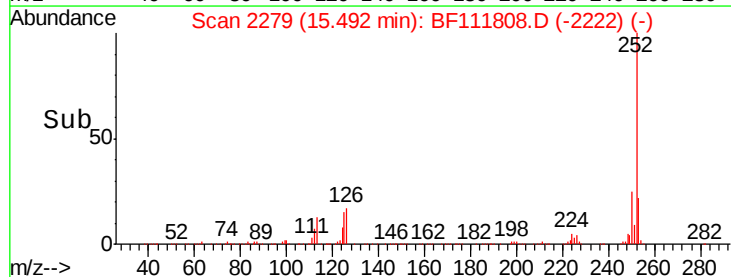
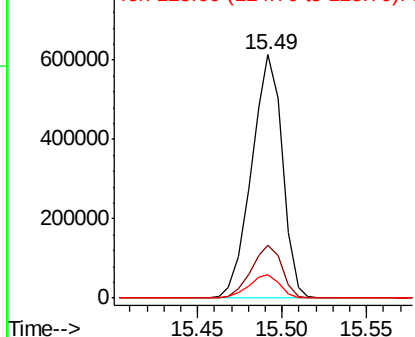


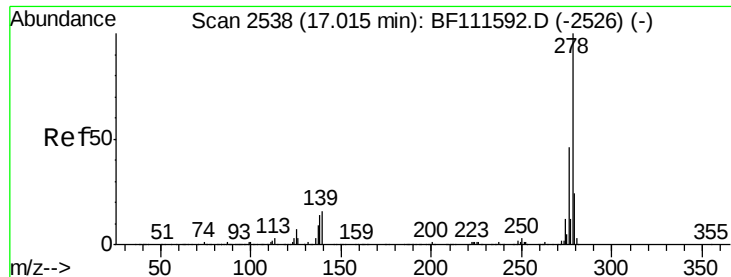
#90
Benzo(a)pyrene
Concen: 45.224 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	9.8	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

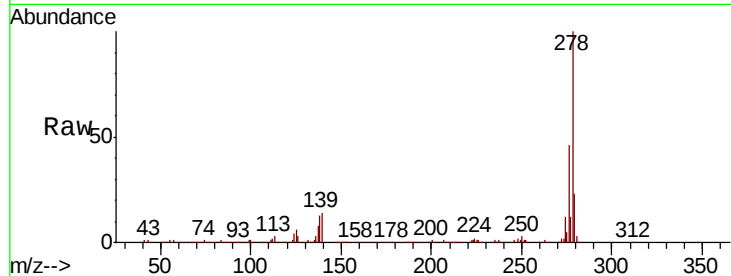




#91
Dibenzo(a,h)anthracene
Concen: 49.600 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.06 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	18.2	27.4#
279	23.5	19.0	28.6

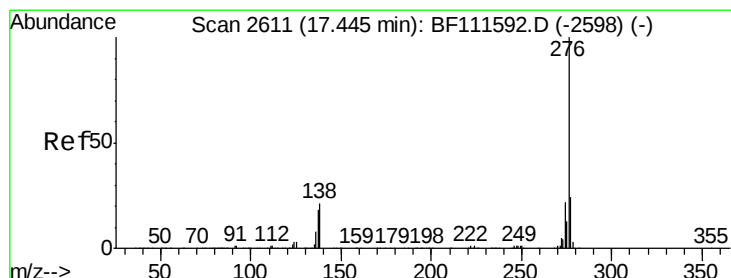
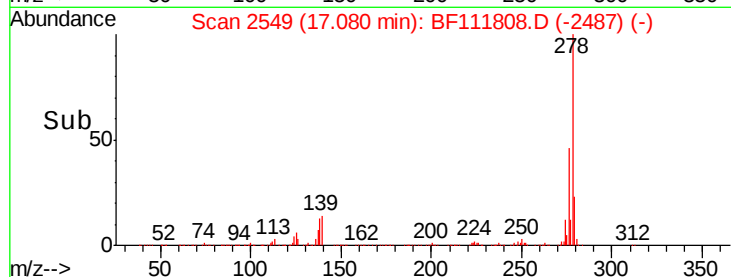
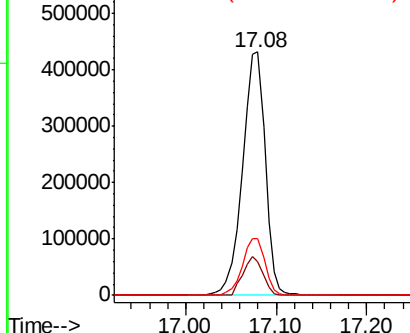


Abundance

Ion 278.00 (277.70 to 278.70): E

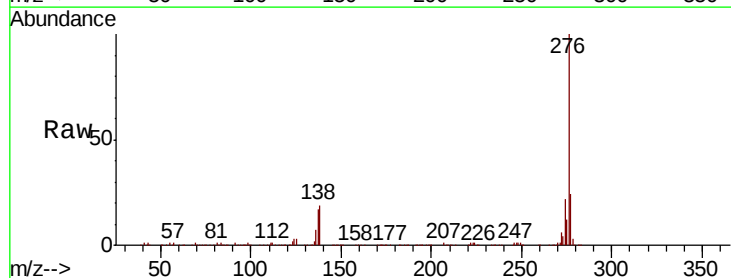
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.693 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.08 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	18.7	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

