

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111181.D
 Acq On : 7 Dec 2018 12:37
 Operator : JU/SJ
 Sample : PB115300BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 13:08:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	422141	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1676973	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	764588	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1315546	20.00	ng	0.00
76) Chrysene-d12	13.96	240	823386	20.00	ng	0.01
87) Perylene-d12	15.40	264	627534	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	3132776	115.80	ng	0.02
7) Phenol-d6	6.45	99	3971048	113.95	ng	0.01
23) Nitrobenzene-d5	7.37	82	2075004	73.26	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	823860	135.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3412976	82.15	ng	0.00
79) Terphenyl-d14	12.92	244	3011055	74.89	ng	0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.67	88	516400	33.187 ng	99
3) Pyridine	3.40	79	1429401	41.419 ng	97
4) n-Nitrosodimethylamine	3.34	42	740012	43.551 ng	94
6) Aniline	6.47	93	1472714	31.632 ng	100
8) 2-Chlorophenol	6.60	128	1256848	40.308 ng	100
9) Benzaldehyde	6.35	77	533318	25.522 ng	99
10) Phenol	6.46	94	1531227	40.298 ng	93
11) bis(2-Chloroethyl)ether	6.55	93	1201673	38.694 ng	99
12) 1,3-Dichlorobenzene	6.75	146	1331730	40.159 ng	97
13) 1,4-Dichlorobenzene	6.83	146	1346575	40.351 ng	96
14) 1,2-Dichlorobenzene	6.98	146	1254584	40.414 ng	99
15) Benzyl Alcohol	6.95	79	1120362	40.576 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2387541	39.522 ng	100
17) 2-Methylphenol	7.06	107	1041684	40.697 ng	99
18) Hexachloroethane	7.32	117	516474	41.255 ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	898587	38.370 ng	91
20) 3+4-Methylphenols	7.22	107	1236959	39.623 ng	96
22) Acetophenone	7.22	105	1693334	41.784 ng	# 90
24) Nitrobenzene	7.39	77	1337650	43.896 ng	98
25) Isophorone	7.63	82	2425672	46.662 ng	99
26) 2-Nitrophenol	7.70	139	657936	51.098 ng	94
27) 2,4-Dimethylphenol	7.75	122	1148055	47.343 ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1540192	43.766 ng	99
29) 2,4-Dichlorophenol	7.95	162	1034395	43.329 ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1046419	43.427 ng	98
31) Naphthalene	8.11	128	3531237	48.364 ng	97
32) Benzoic acid	7.86	122	729693	45.632 ng	96
33) 4-Chloroaniline	8.16	127	832592	23.590 ng	94
34) Hexachlorobutadiene	8.24	225	562755	42.975 ng	98
35) Caprolactam	8.52	113	200005	22.818 ng	99
36) 4-Chloro-3-methylphenol	8.64	107	1096528	41.934 ng	100
37) 2-Methylnaphthalene	8.80	142	2386426	47.384 ng	99
38) 1-Methylnaphthalene	8.90	142	2263877	46.754 ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	859399	42.173 ng	99

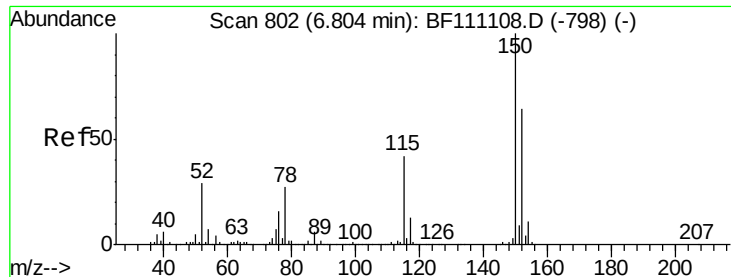
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111181.D
 Acq On : 7 Dec 2018 12:37
 Operator : JU/SJ
 Sample : PB115300BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 13:08:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1142553	106.333	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	694653	46.674	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	693953	45.997	ng	96
46) 1,1'-Biphenyl	9.27	154	2649452	42.330	ng	97
47) 2-Chloronaphthalene	9.29	162	2102347	43.225	ng	99
48) 2-Nitroaniline	9.38	65	711254	45.125	ng	96
49) Acenaphthylene	9.71	152	3260115	47.953	ng	99
50) Dimethylphthalate	9.57	163	2368570	44.512	ng	99
51) 2,6-Dinitrotoluene	9.63	165	546840	48.471	ng	99
52) Acenaphthene	9.88	154	2162108	48.139	ng	99
53) 3-Nitroaniline	9.79	138	436639	30.812	ng	92
54) 2,4-Dinitrophenol	9.90	184	412550	112.487	ng	# 74
55) Dibenzofuran	10.05	168	2834712	45.823	ng	98
56) 4-Nitrophenol	9.95	139	970295	90.861	ng	97
57) 2,4-Dinitrotoluene	10.03	165	729891	50.093	ng	94
58) Fluorene	10.39	166	2110584	48.381	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	561841	49.896	ng	94
60) Diethylphthalate	10.27	149	2333900	43.888	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	945685	43.988	ng	98
62) 4-Nitroaniline	10.41	138	595235	46.539	ng	91
63) Azobenzene	10.54	77	2400244	42.395	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	288371	53.058	ng	97
66) n-Nitrosodiphenylamine	10.50	169	1943293	42.186	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	589419	42.326	ng	96
68) Hexachlorobenzene	10.94	284	622588	43.723	ng	98
69) Atrazine	11.03	200	601442	49.048	ng	96
70) Pentachlorophenol	11.13	266	712466	76.085	ng	98
71) Phenanthrene	11.35	178	2975130	47.015	ng	98
72) Anthracene	11.40	178	3045570	47.747	ng	99
73) Carbazole	11.56	167	2822582	42.527	ng	98
74) Di-n-butylphthalate	11.89	149	3390191	43.635	ng	100
75) Fluoranthene	12.54	202	2894372	46.743	ng	98
77) Benzidine	12.66	184	1399997	50.987	ng	99
78) Pyrene	12.77	202	2932060	45.708	ng	99
80) Butylbenzylphthalate	13.39	149	1416533	45.711	ng	99
81) Benzo(a)anthracene	13.95	228	2136845	44.294	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	500853	27.511	ng	# 97
83) Chrysene	13.99	228	2153271	44.961	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1643315	43.903	ng	# 99
85) Di-n-octyl phthalate	14.56	149	2686953	45.663	ng	96
86) Indeno(1,2,3-cd)pyrene	16.82	276	1688634	43.915	ng	# 87
88) Benzo(b)fluoranthene	14.99	252	1739886	48.930	ng	99
89) Benzo(k)fluoranthene	15.02	252	1694526	49.294	ng	100
90) Benzo(a)pyrene	15.34	252	1585606	48.614	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1389111	50.752	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1446033	52.573	ng	99

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

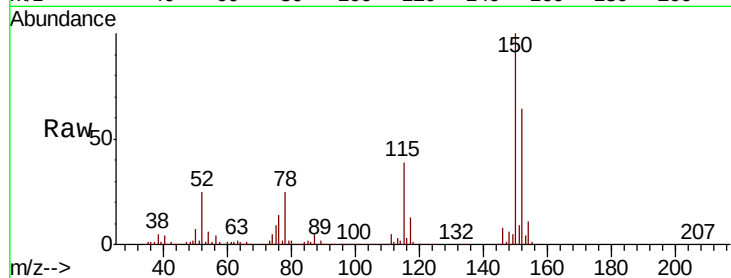


#1

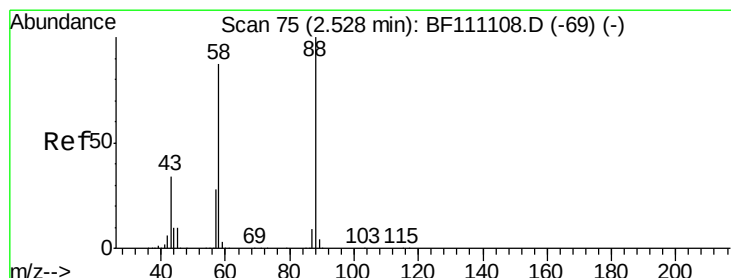
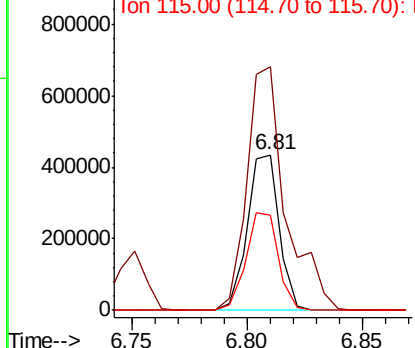
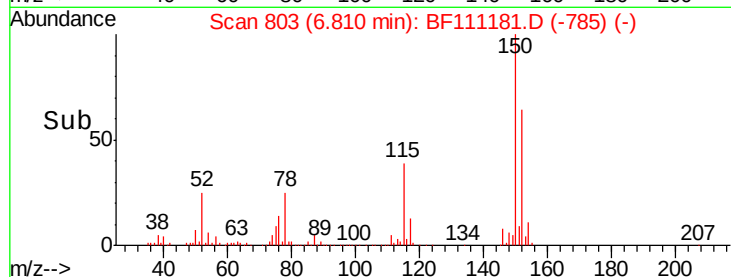
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 422141
Ion Ratio Lower Upper
152 100
150 156.5 124.6 187.0
115 61.4 52.2 78.2



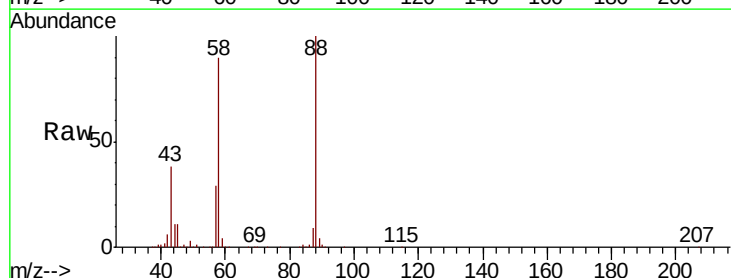
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



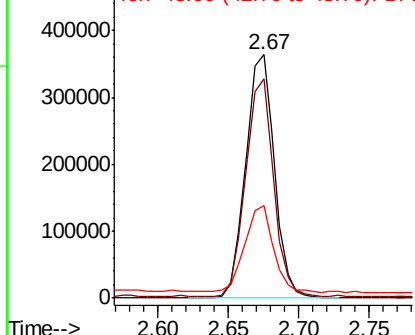
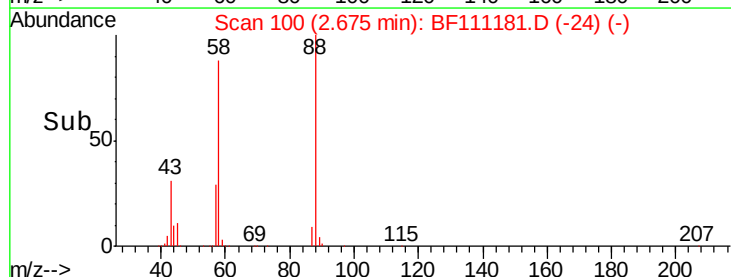
#2

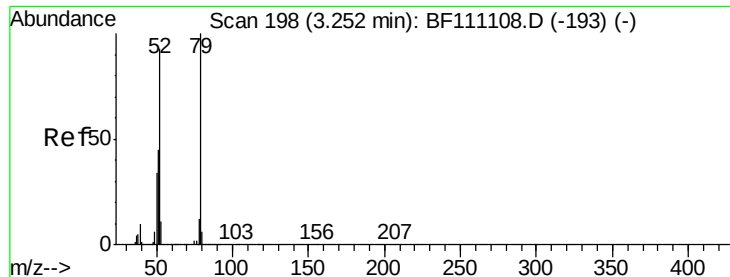
1,4-Dioxane
Concen: 33.187 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.15 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion: 88 Resp: 516400
Ion Ratio Lower Upper
88 100
58 88.2 70.8 106.2
43 36.1 28.3 42.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.419 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.15 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

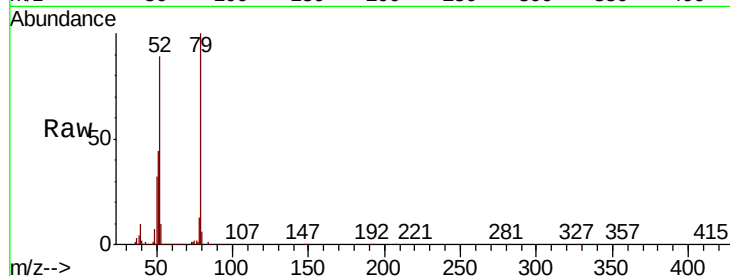
Tot Ion: 79 Resp: 1429401

Ion Ratio Lower Upper

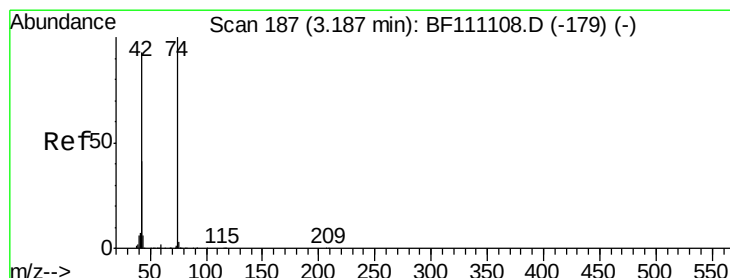
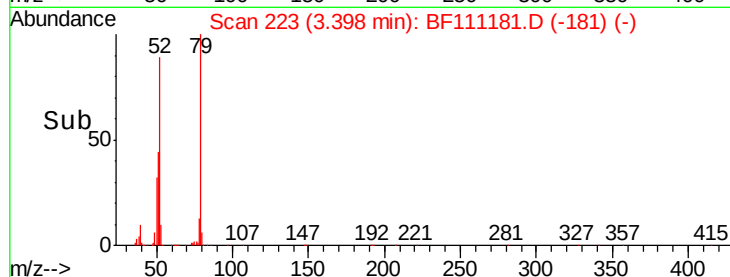
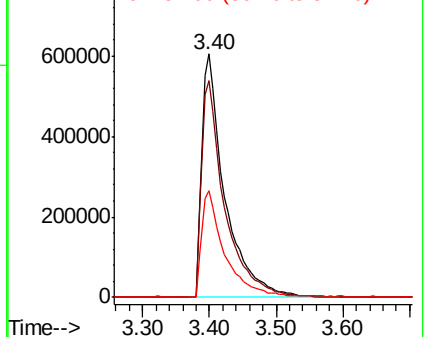
79 100

52 89.2 74.7 112.1

51 44.0 35.9 53.9



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: 43.551 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.15 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

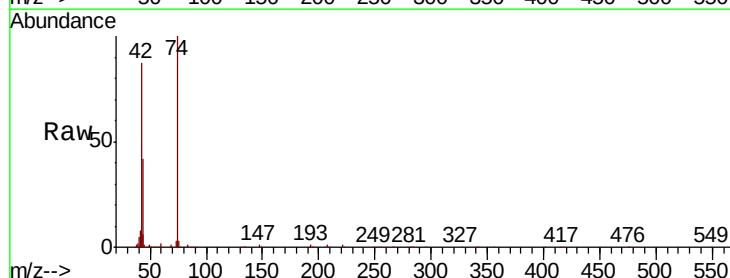
Tgt Ion: 42 Resp: 740012

Ion Ratio Lower Upper

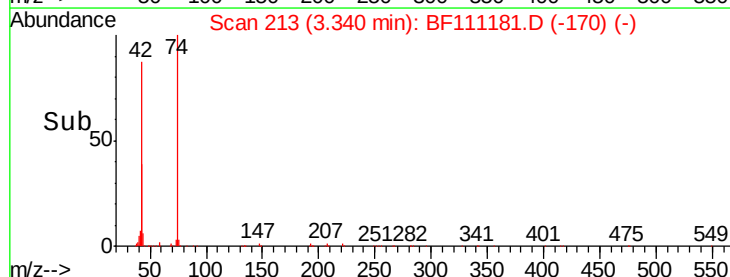
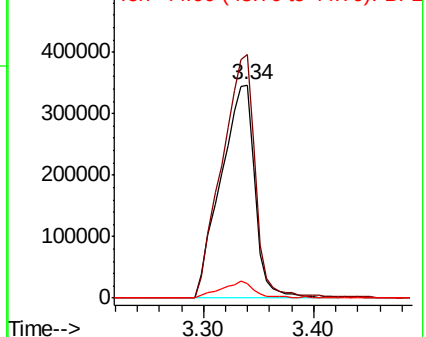
42 100

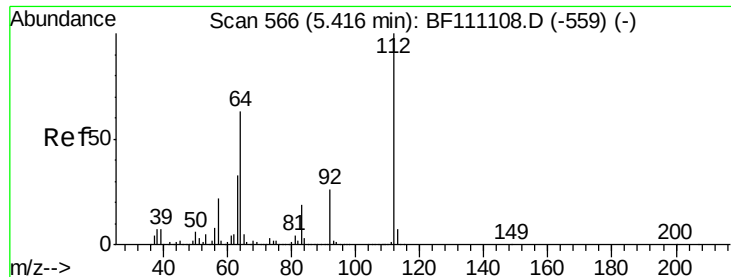
74 114.4 86.2 129.2

44 7.1 5.7 8.5



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: 115.804 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

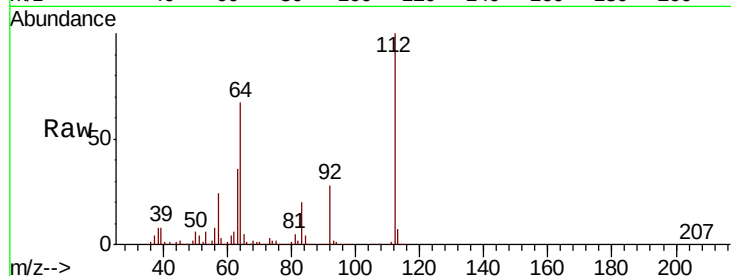
Tot Ion:112 Resp: 3132776

Ion Ratio Lower Upper

112 100

64 66.5 50.2 75.4

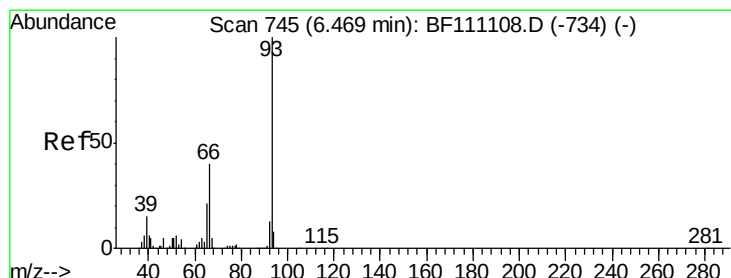
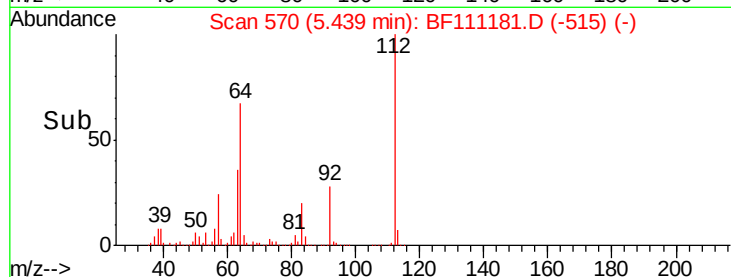
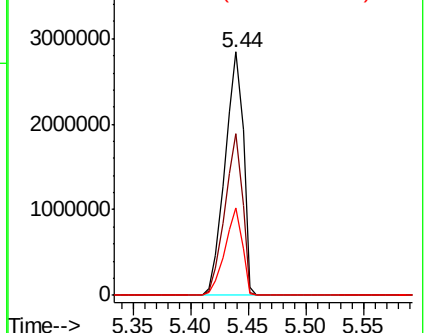
63 35.9 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.632 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

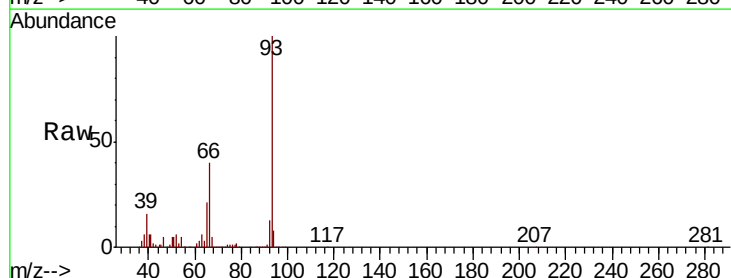
Tgt Ion: 93 Resp: 1472714

Ion Ratio Lower Upper

93 100

66 39.9 31.8 47.8

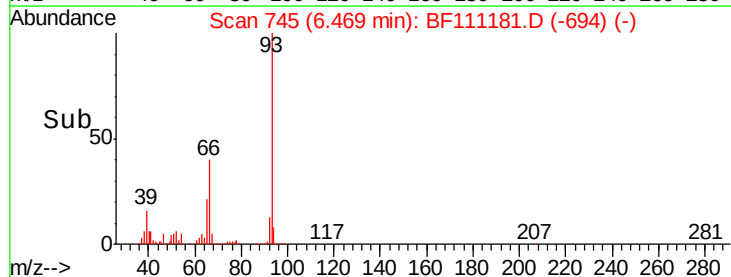
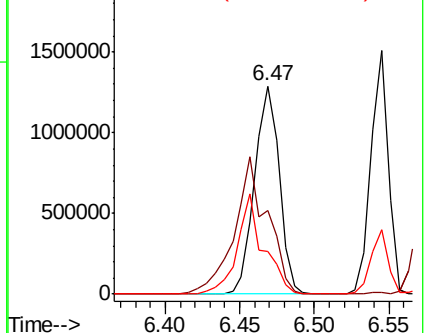
65 20.6 16.6 24.8

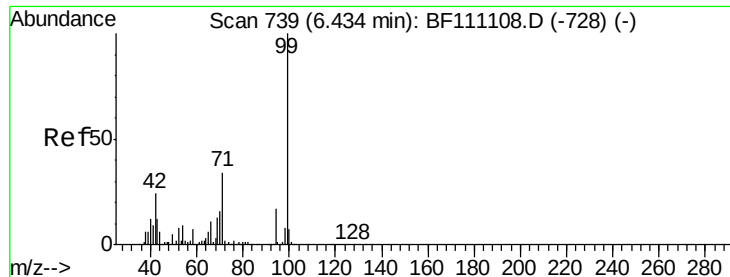


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.953 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

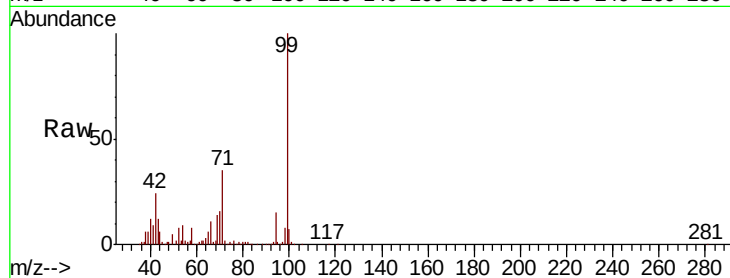
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3971048

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.3	28.9
71	34.9	27.4	41.2

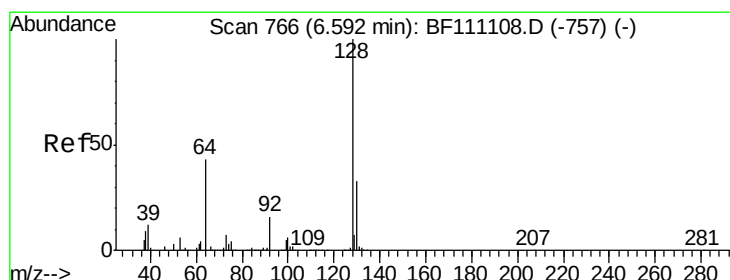
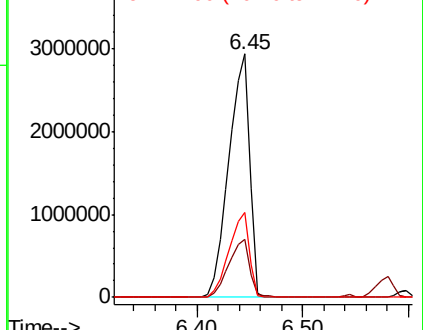
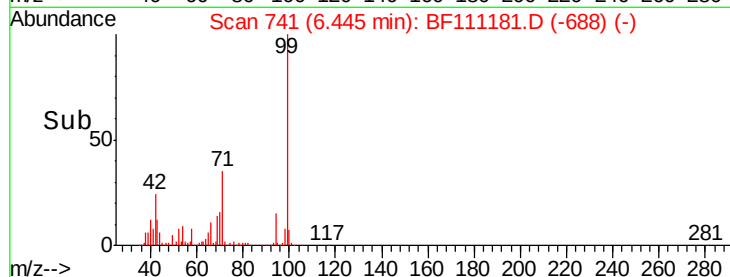


Abundance

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: 40.308 ng

RT: 6.60 min Scan# 767

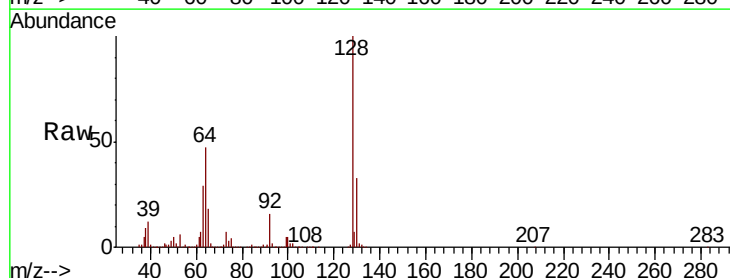
Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tgt Ion:128 Resp: 1256848

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.8	52.8
64	46.6	26.6	66.6

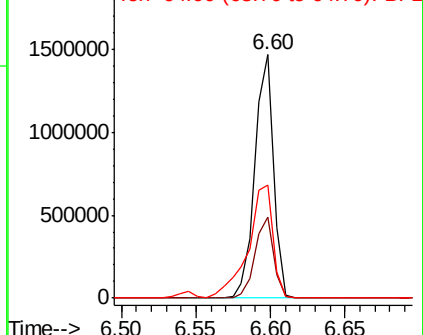
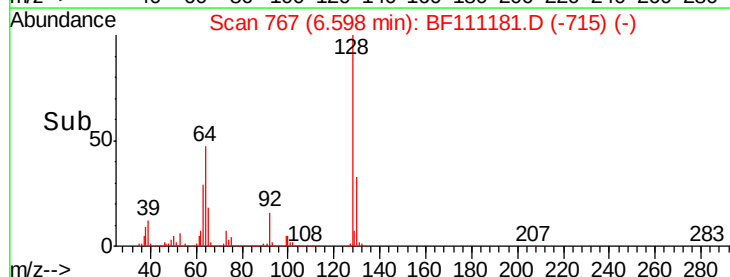


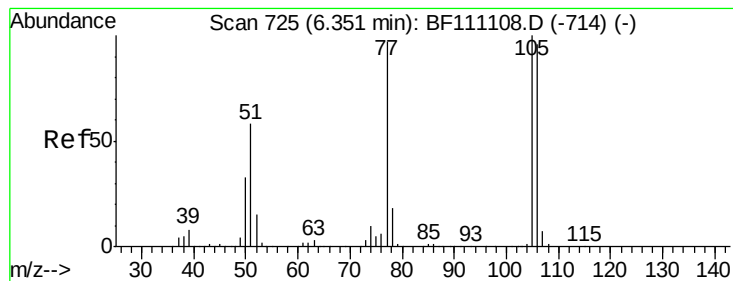
Abundance

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: 25.522 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

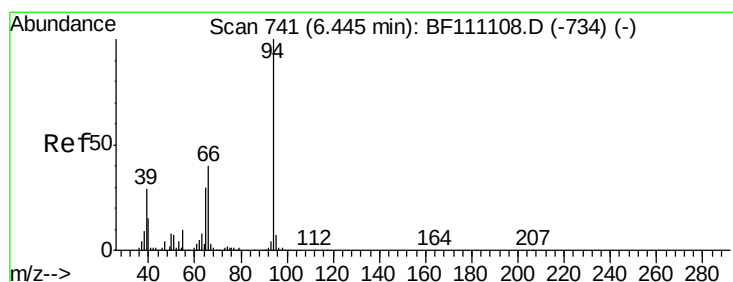
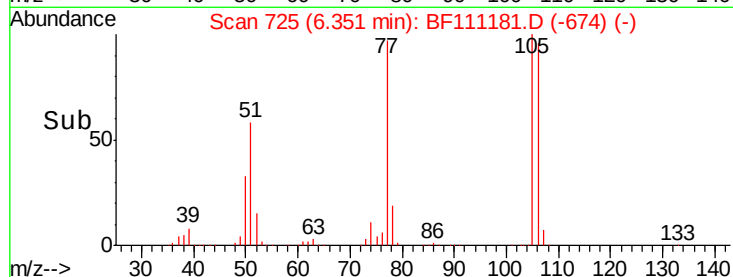
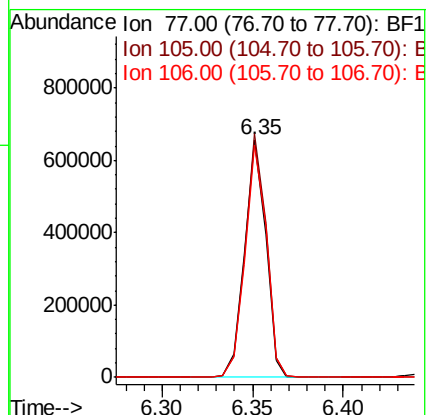
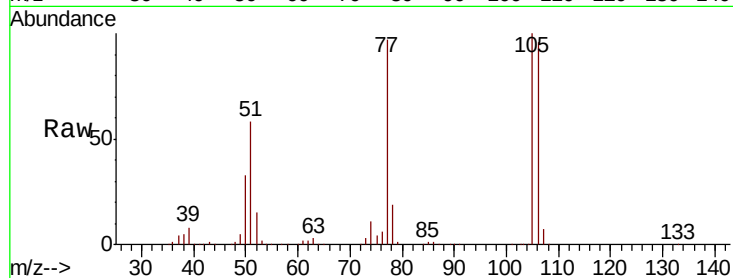
Tot Ion: 77 Resp: 533318

Ion Ratio Lower Upper

77 100

105 102.6 83.1 123.1

106 98.0 79.0 119.0



#10

Phenol

Concen: 40.298 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

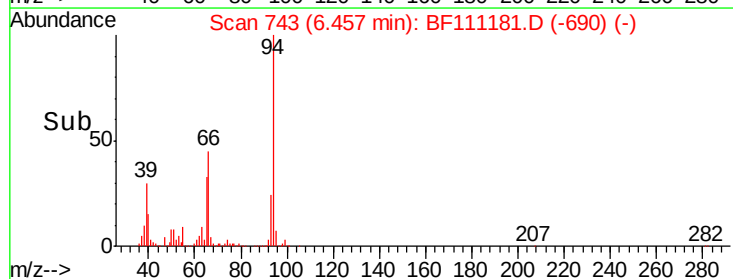
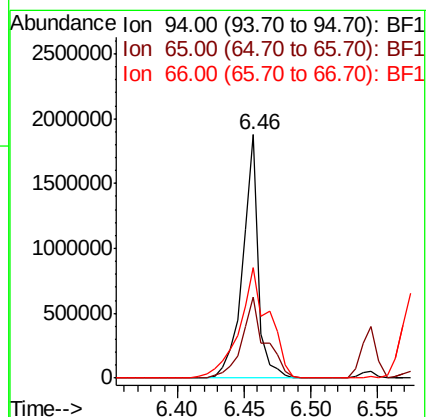
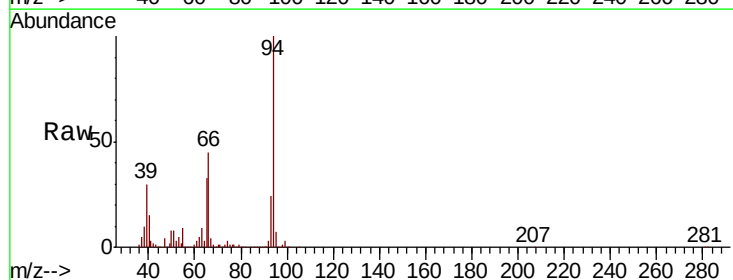
Tgt Ion: 94 Resp: 1531227

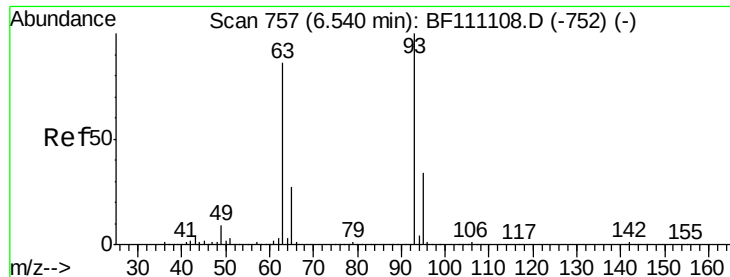
Ion Ratio Lower Upper

94 100

65 33.2 10.5 50.5

66 45.5 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 38.694 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

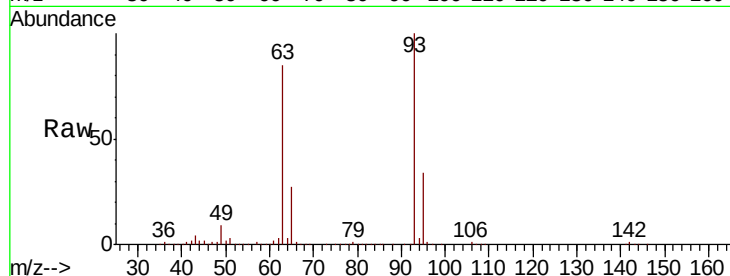
Tot Ion: 93 Resp: 1201673

Ion Ratio Lower Upper

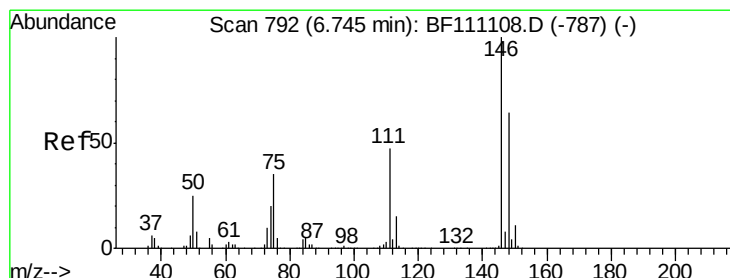
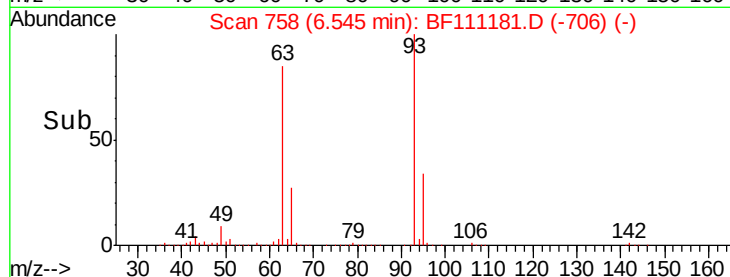
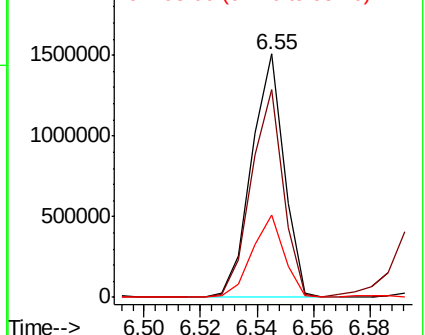
93 100

63 85.1 66.0 106.0

95 33.9 14.3 54.3



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: 40.159 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

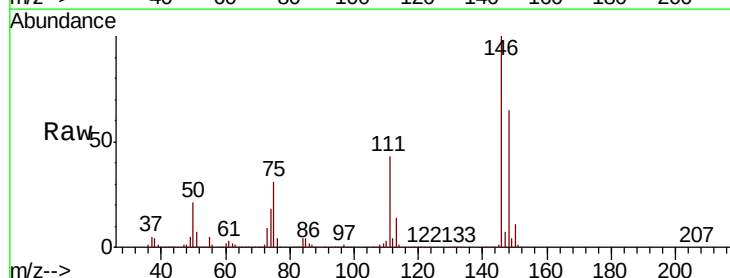
Tgt Ion: 146 Resp: 1331730

Ion Ratio Lower Upper

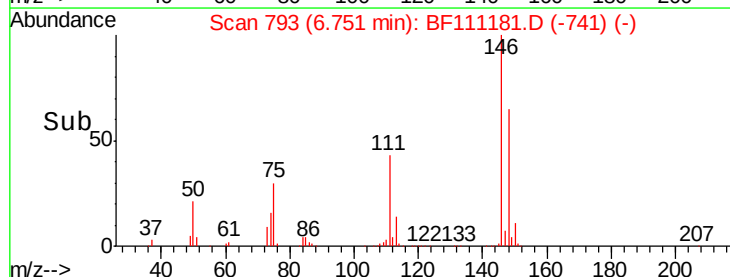
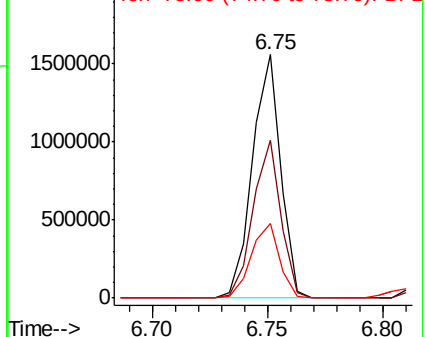
146 100

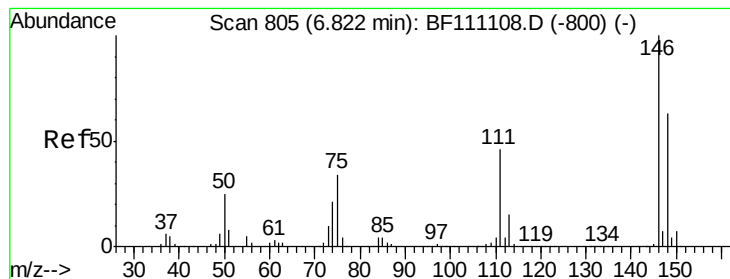
148 64.7 51.3 76.9

75 30.7 27.7 41.5



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: 40.351 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampled :

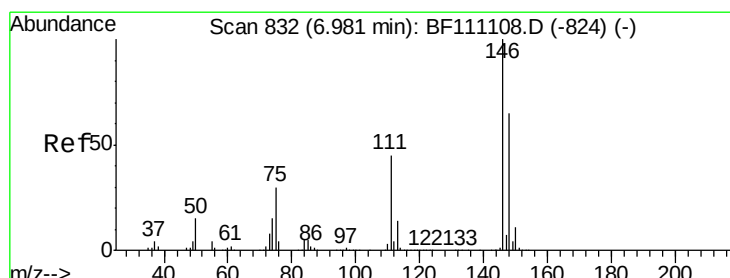
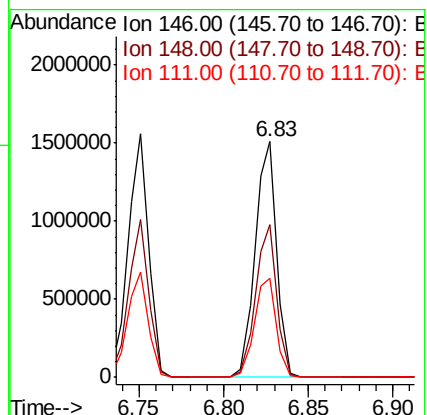
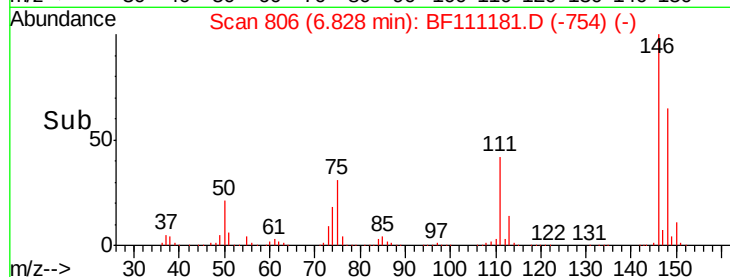
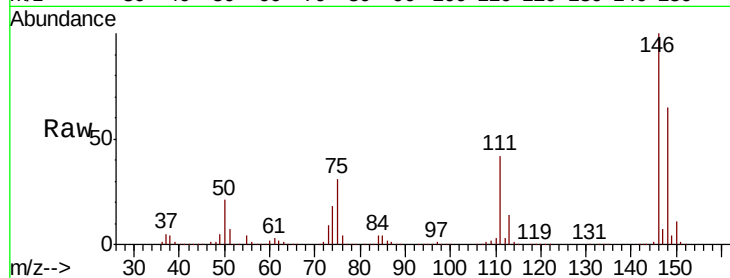
Tot Ion:146 Resp: 1346575

Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

111 41.8 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 40.414 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

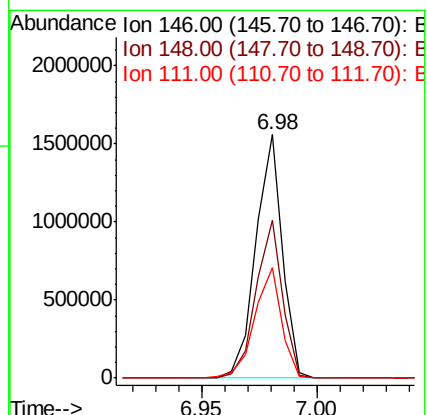
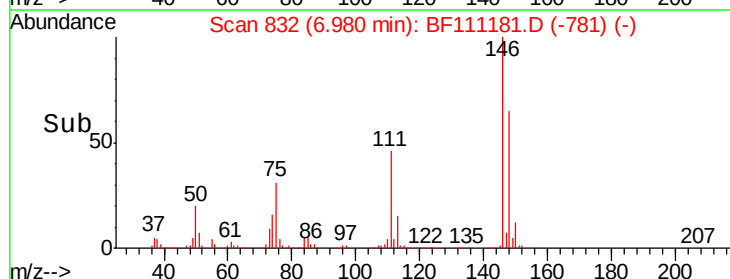
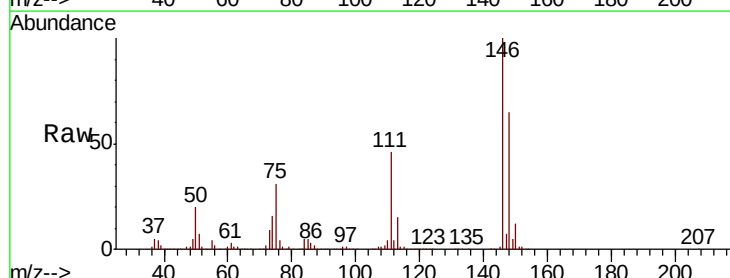
Tgt Ion:146 Resp: 1254584

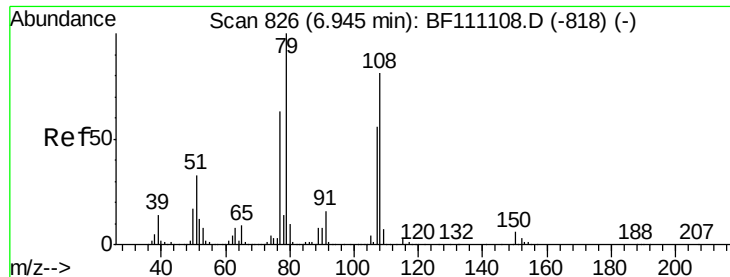
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 45.5 35.7 53.5





#15

Benzyl Alcohol

Concen: 40.576 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampled :

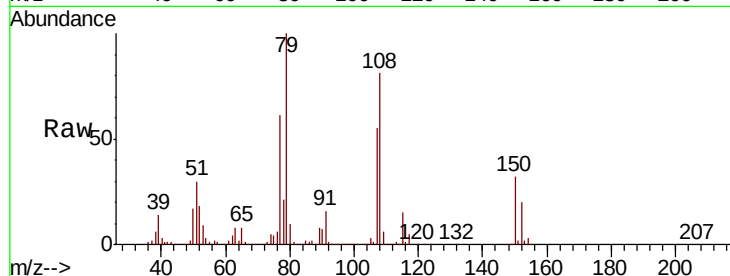
Tot Ion: 79 Resp: 1120362

Ion Ratio Lower Upper

79 100

108 80.8 64.5 96.7

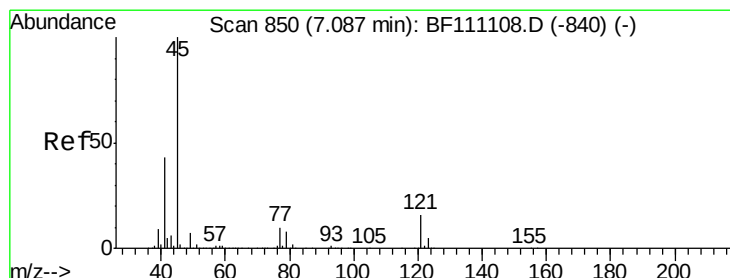
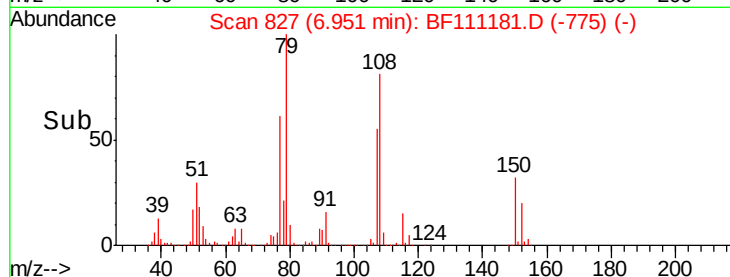
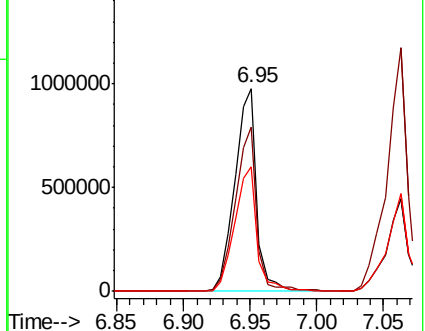
77 61.2 50.5 75.7



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: 39.522 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

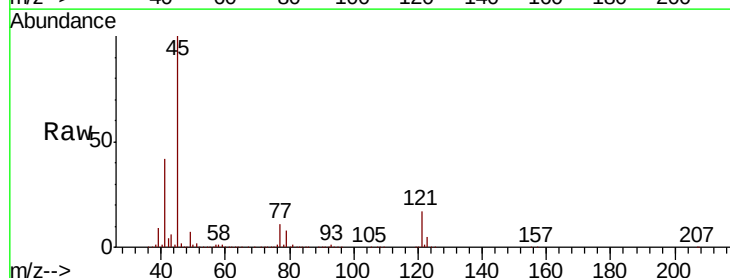
Tgt Ion: 45 Resp: 2387541

Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.6

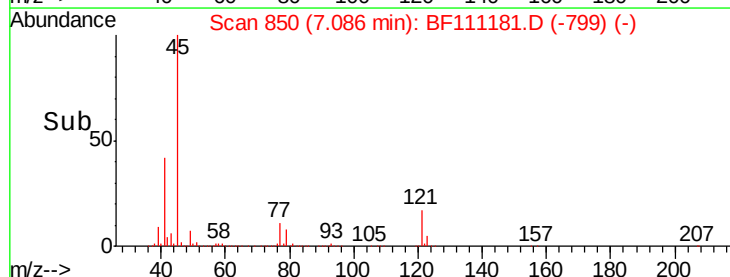
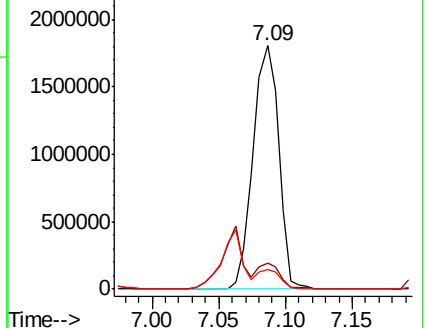
79 8.2 0.0 28.4

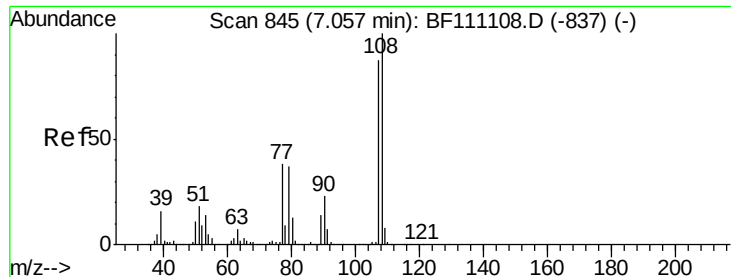


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

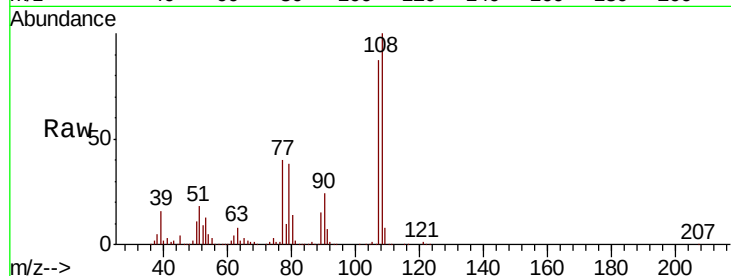




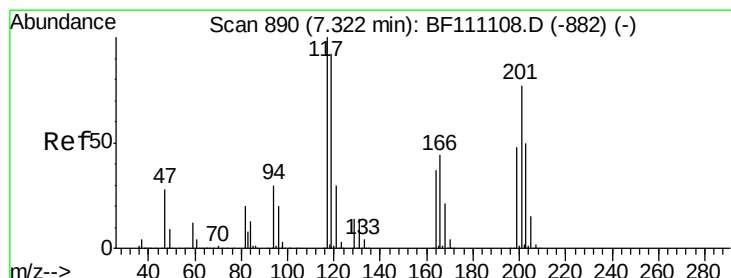
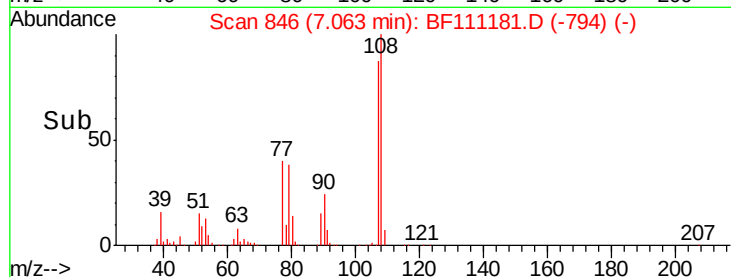
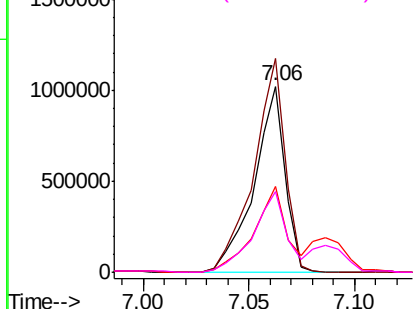
#17
2-Methylphenol
Concen: 40.697 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1041684
Ion Ratio Lower Upper
107 100
108 114.7 91.8 137.8
77 45.7 34.7 52.1
79 43.3 34.2 51.2

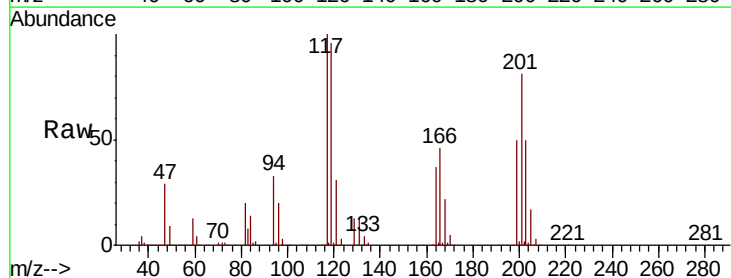


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

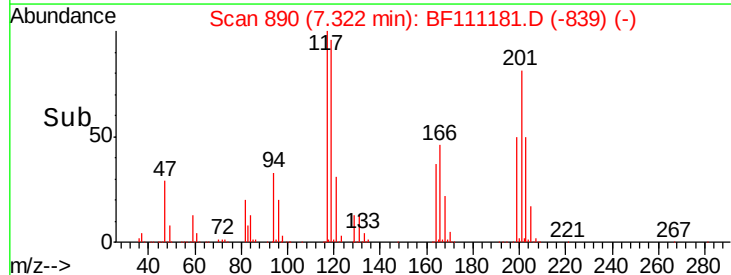
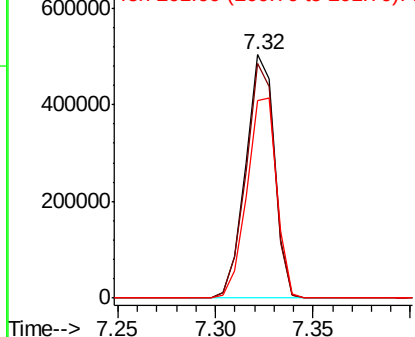


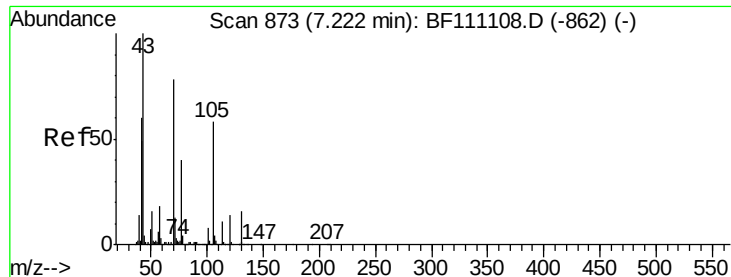
#18
Hexachloroethane
Concen: 41.255 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:117 Resp: 516474
Ion Ratio Lower Upper
117 100
119 96.2 73.8 110.6
201 81.1 61.2 91.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

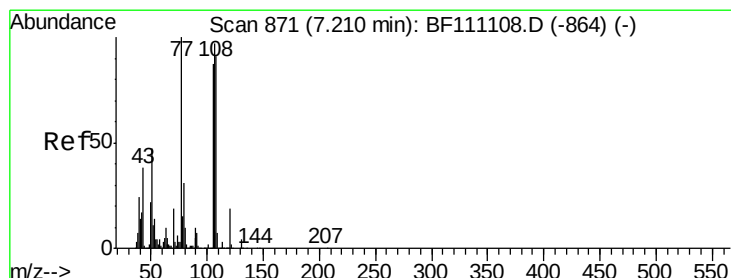
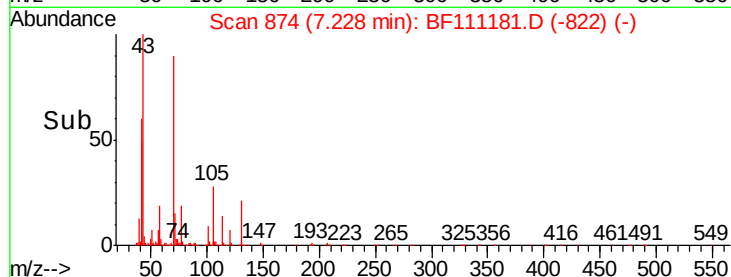
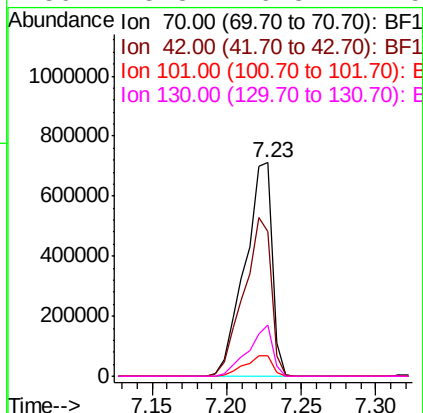
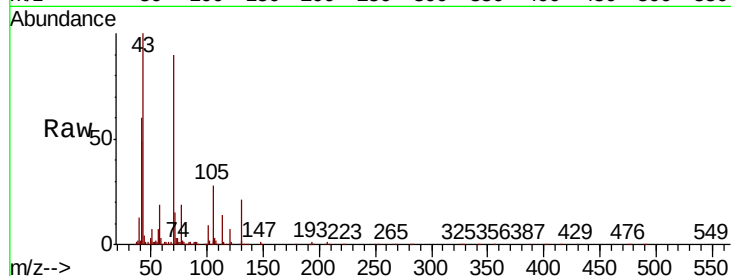




#19
n-Nitroso-di-n-propylamine
Concen: 38.370 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

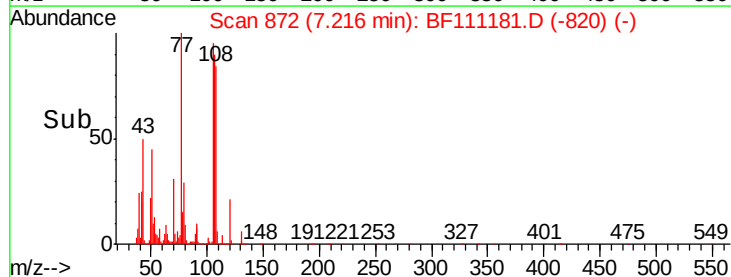
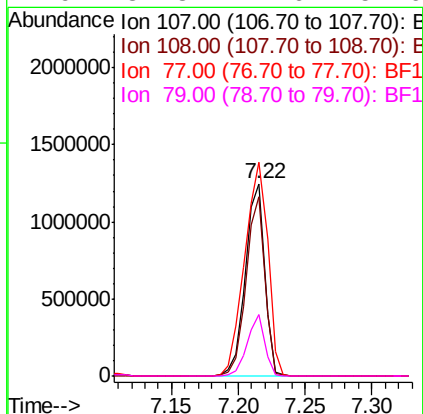
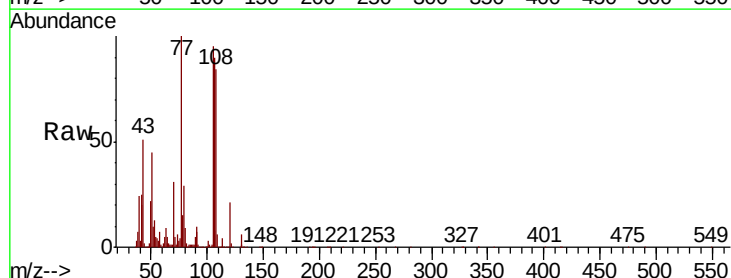
Instrument :
BNA_F
ClientSampleId :

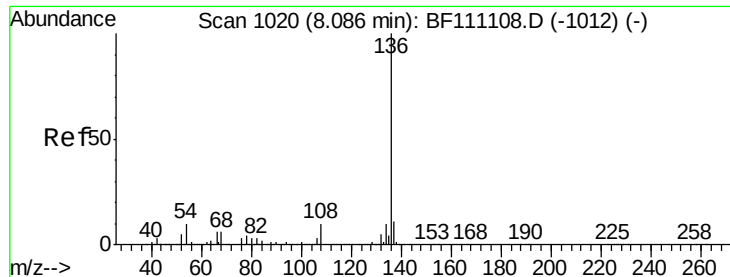
Tot Ion:	70	Resp:	898587
Ion	Ratio	Lower	Upper
70	100		
42	67.4	61.3	91.9
101	9.7	7.7	11.5
130	23.8	16.3	24.5



#20
3+4-Methylphenols
Concen: 39.623 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:	107	Resp:	1236959
Ion	Ratio	Lower	Upper
107	100		
108	93.4	74.0	114.0
77	111.0	83.2	123.2
79	31.8	11.6	51.6

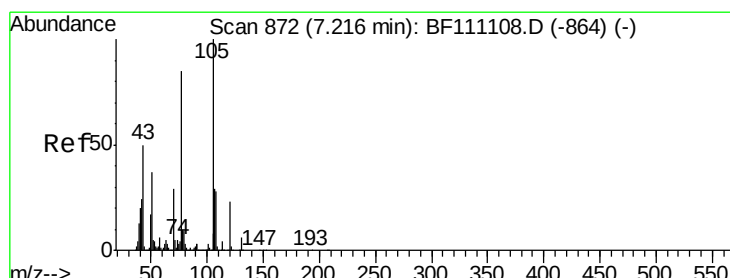
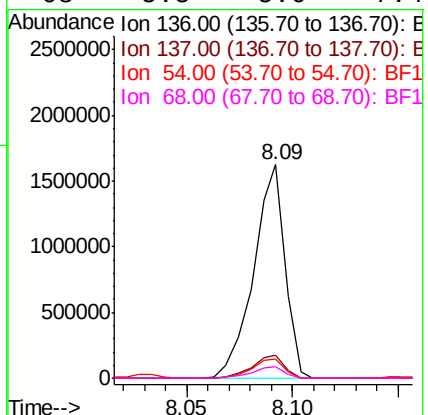
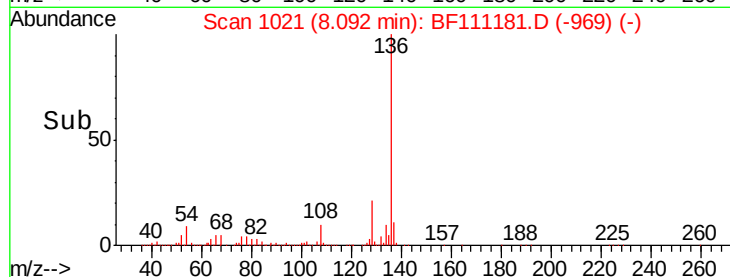
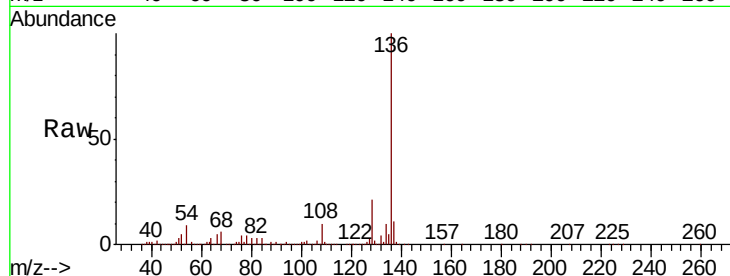




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

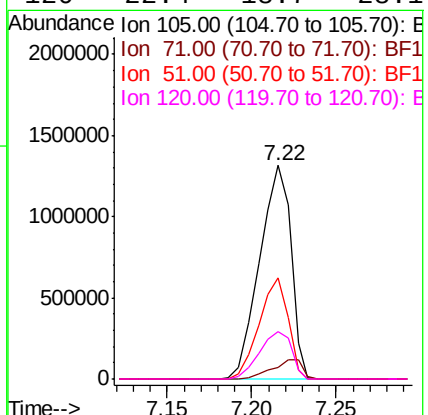
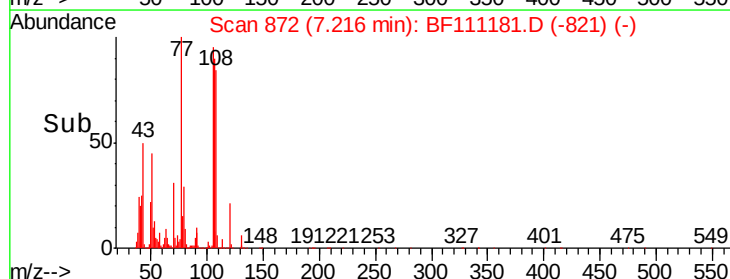
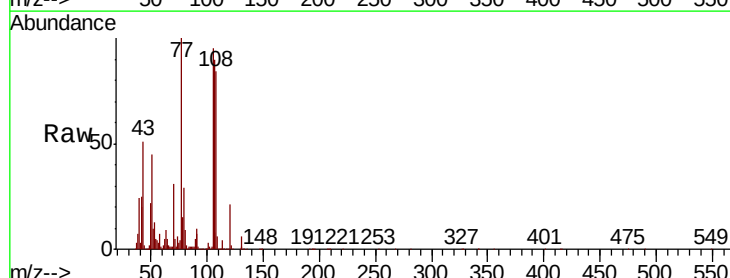
Instrument :
BNA_F
ClientSampled :

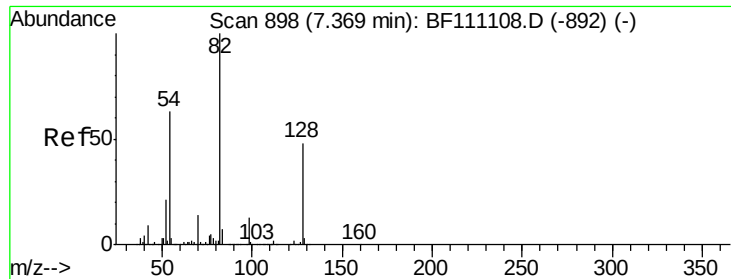
Tot Ion:136	Resp: 1676973
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.6
54 9.2	8.4 12.6
68 5.5	5.0 7.4



#22
Acetophenone
Concen: 41.784 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt	Ion:105	Resp:	1693334
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.0	6.0
51	47.3	29.8	44.8#
120	22.4	18.7	28.1

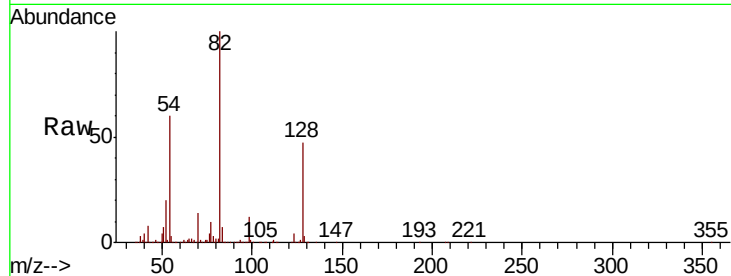




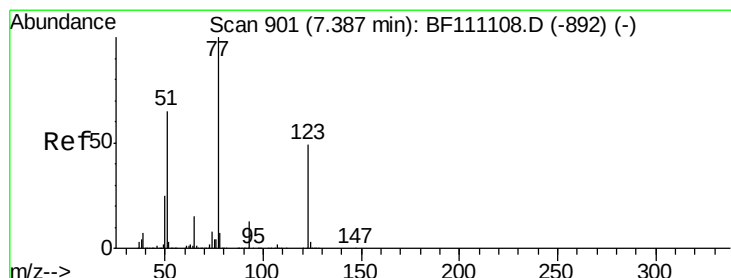
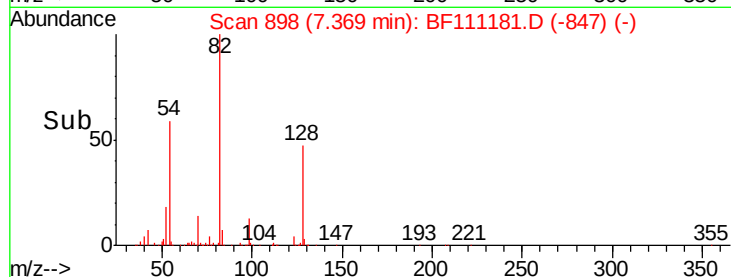
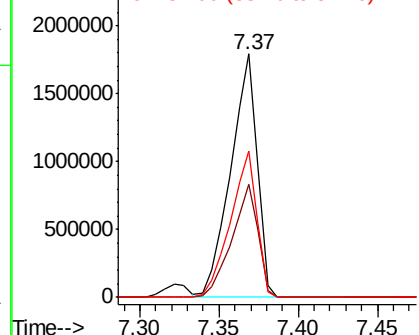
#23
 Nitrobenzene-d5
 Concen: 73.255 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2075004
 Ion Ratio Lower Upper
 82 100
 128 46.5 38.1 57.1
 54 60.0 50.3 75.5

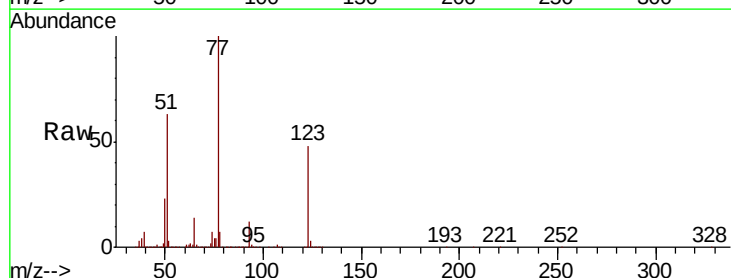


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

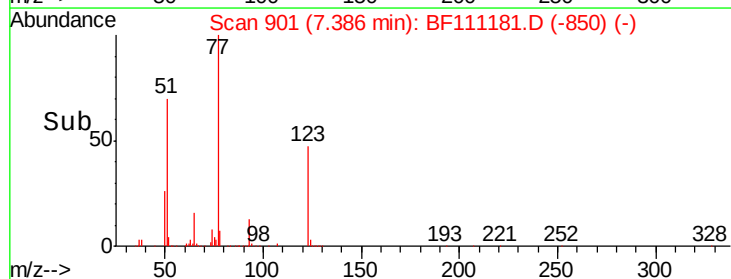
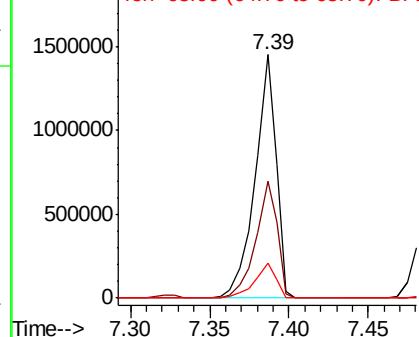


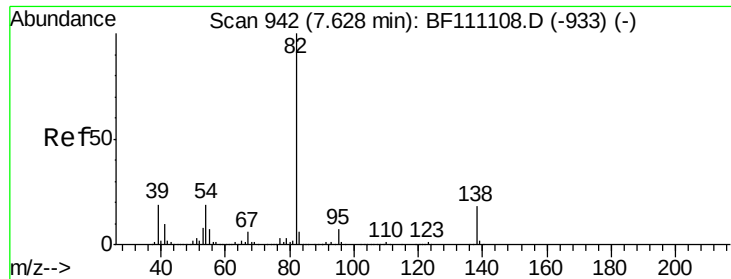
#24
 Nitrobenzene
 Concen: 43.896 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion: 77 Resp: 1337650
 Ion Ratio Lower Upper
 77 100
 123 47.8 39.5 59.3
 65 14.1 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.662 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

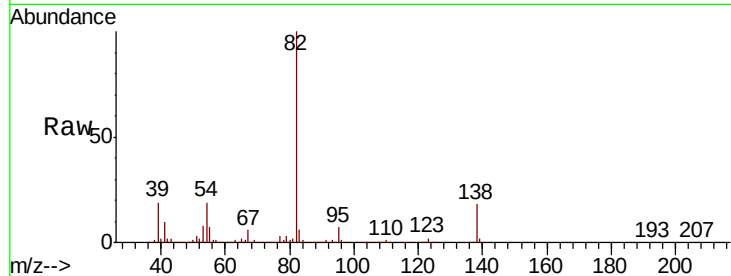
Tot Ion: 82 Resp: 2425672

Ion Ratio Lower Upper

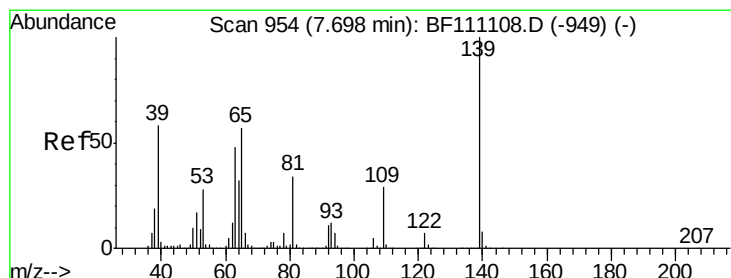
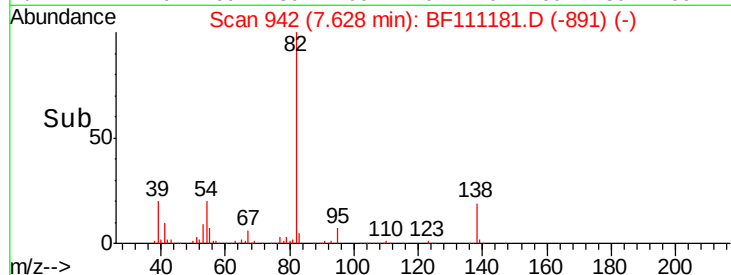
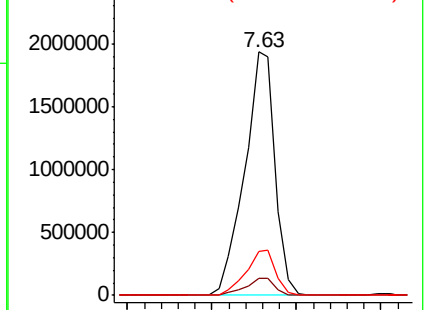
82 100

95 7.1 5.6 8.4

138 17.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.098 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

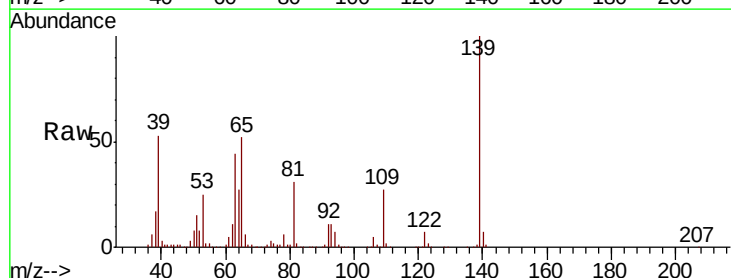
Tgt Ion: 139 Resp: 657936

Ion Ratio Lower Upper

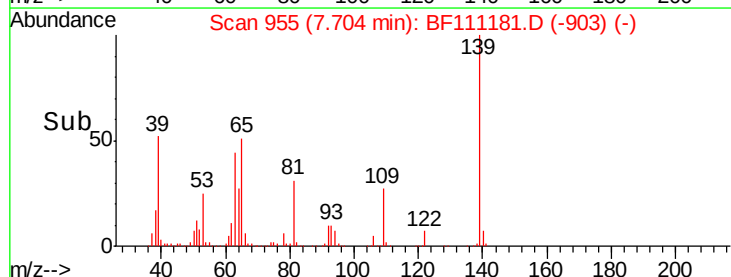
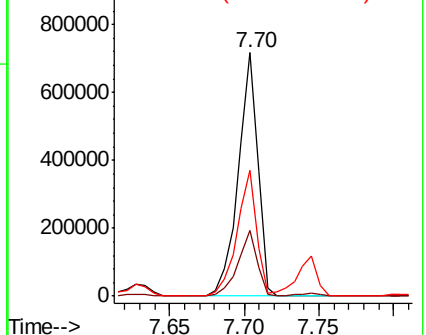
139 100

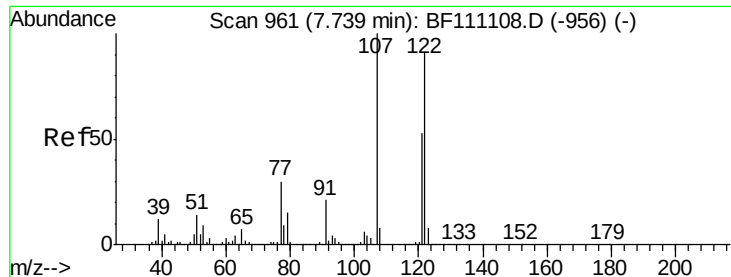
109 26.8 23.1 34.7

65 51.9 45.9 68.9



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





#27

2,4-Dimethylphenol

Concen: 47.343 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

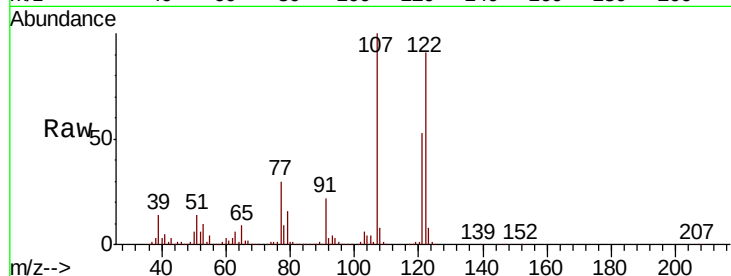
Tot Ion:122 Resp: 1148055

Ion Ratio Lower Upper

122 100

107 110.4 87.4 131.0

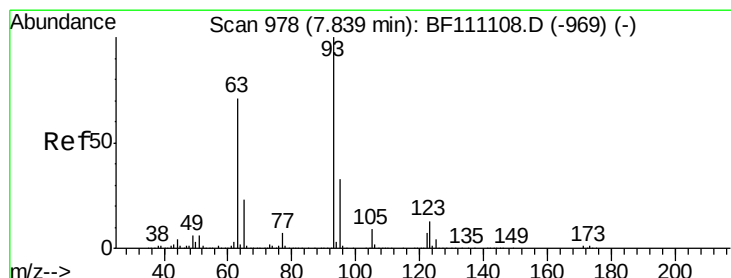
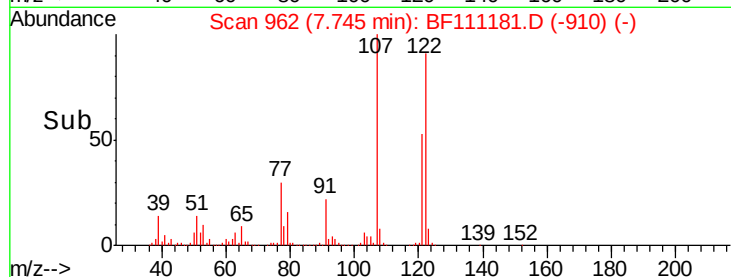
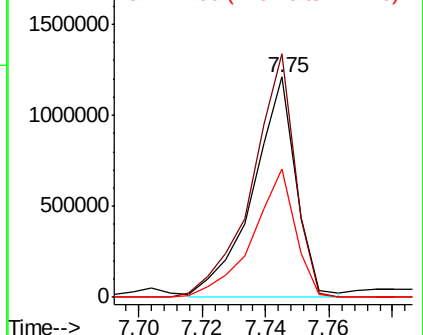
121 58.3 45.9 68.9



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: 43.766 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

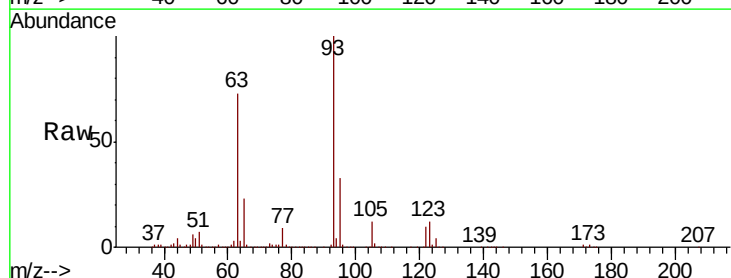
Tgt Ion: 93 Resp: 1540192

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

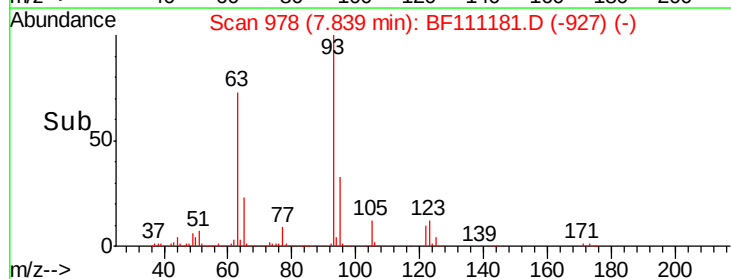
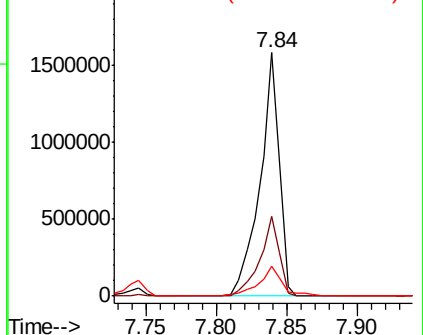
123 12.1 10.3 15.5

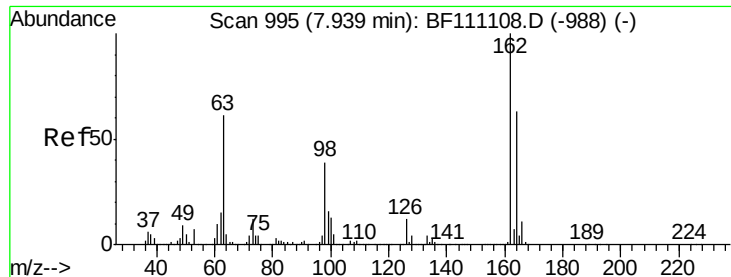


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

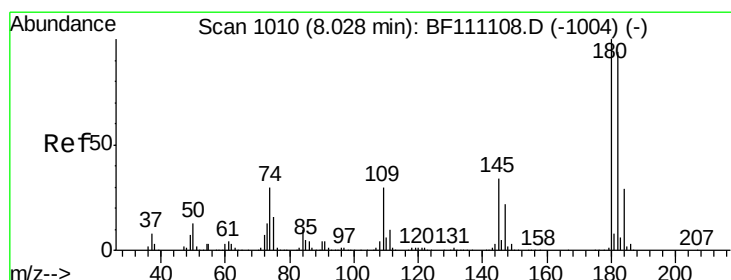
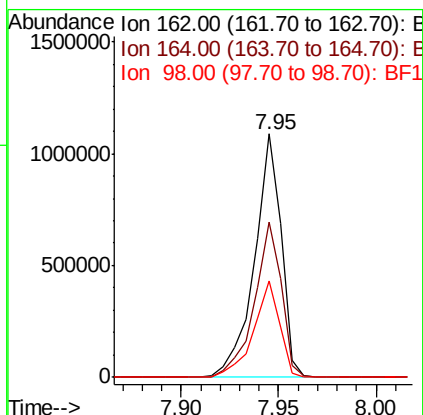
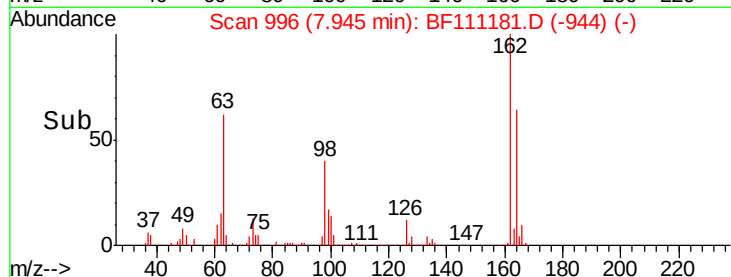
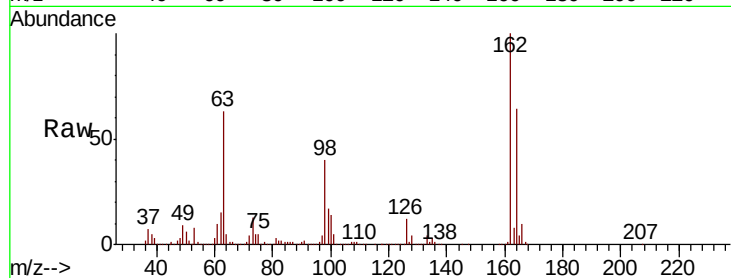




#29
2,4-Dichlorophenol
Concen: 43.329 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

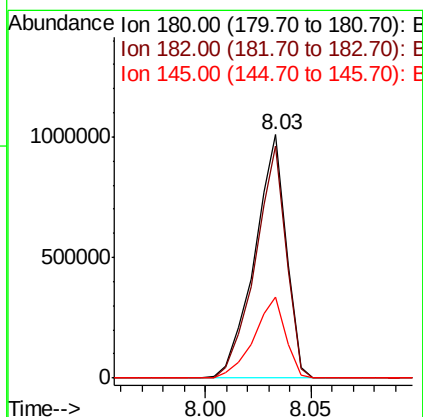
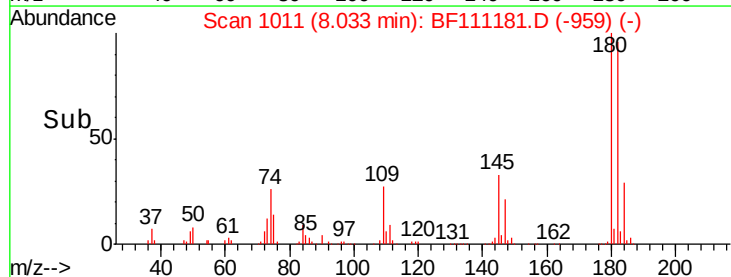
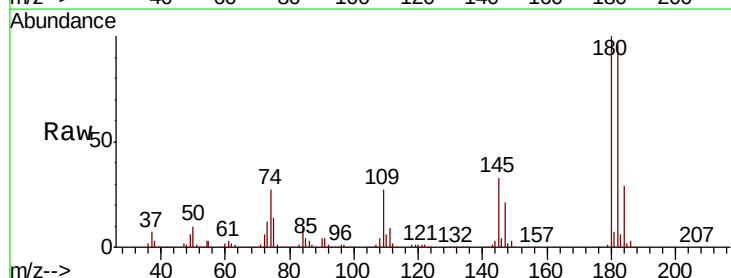
Instrument :
BNA_F
ClientSampleId :

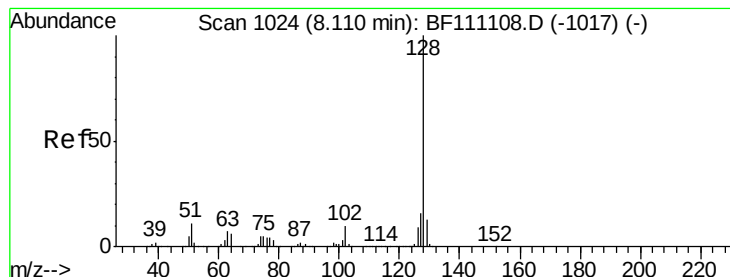
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.3	83.3
98	39.8	18.9	58.9



#30
1,2,4-Trichlorobenzene
Concen: 43.427 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	33.3	27.6	41.4





#31

Naphthalene

Concen: 48.364 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

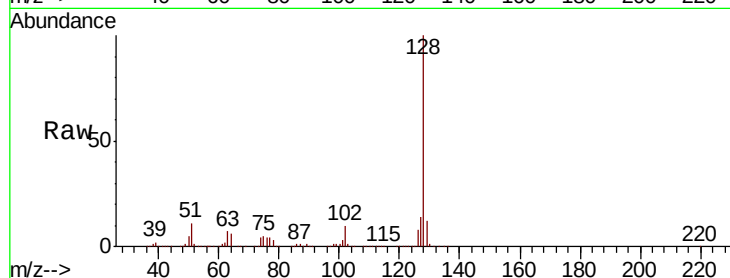
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 3531237

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.5	15.7
127	14.3	12.5	18.7

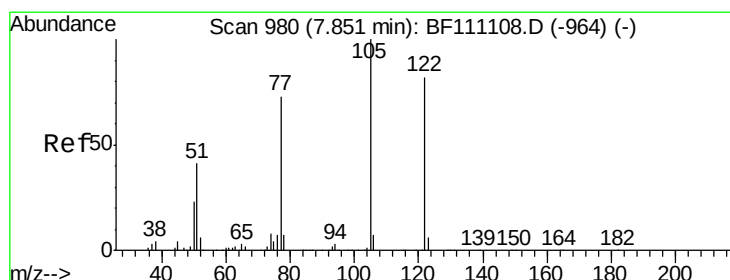
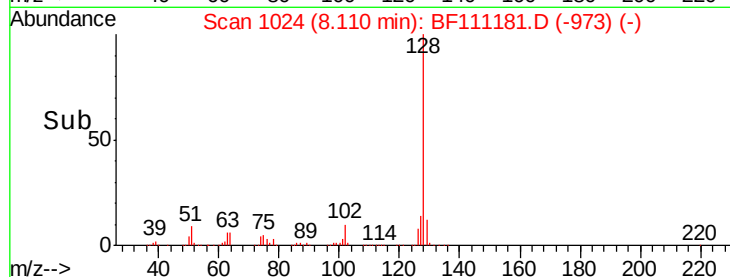
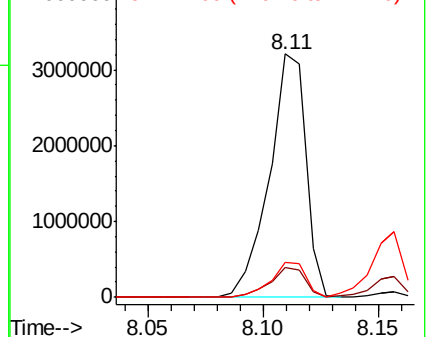


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.632 ng

RT: 7.86 min Scan# 982

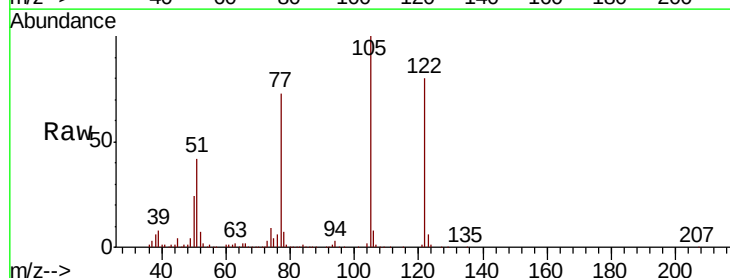
Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tgt Ion:122 Resp: 729693

Ion	Ratio	Lower	Upper
122	100		
105	125.2	100.1	140.1
77	91.4	69.4	109.4

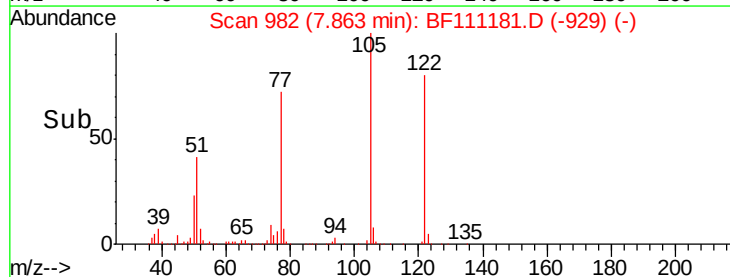
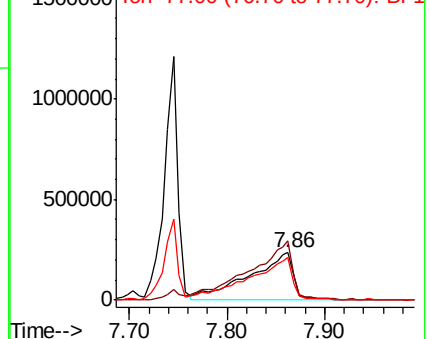


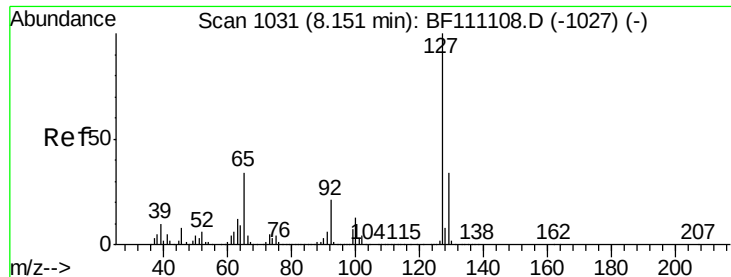
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

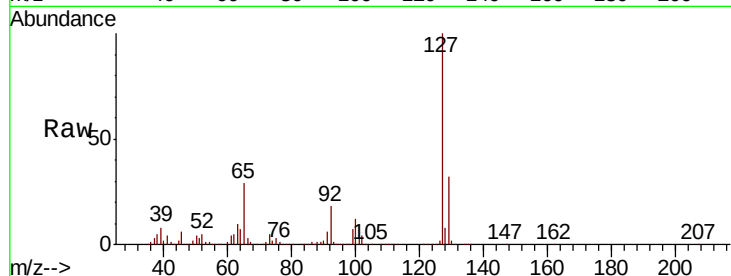




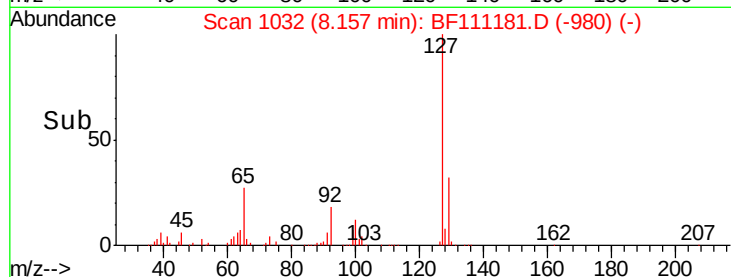
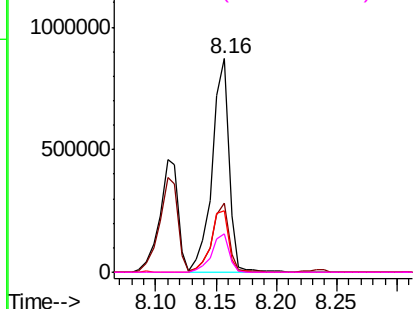
#33
4-Chloroaniline
Concen: 23.590 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	832592
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.0	40.6
65	28.7	27.2	40.8
92	17.8	16.6	24.8

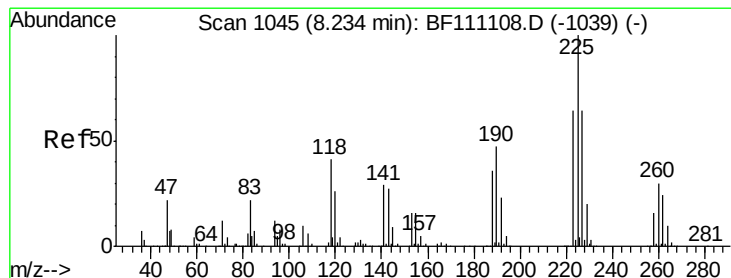


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

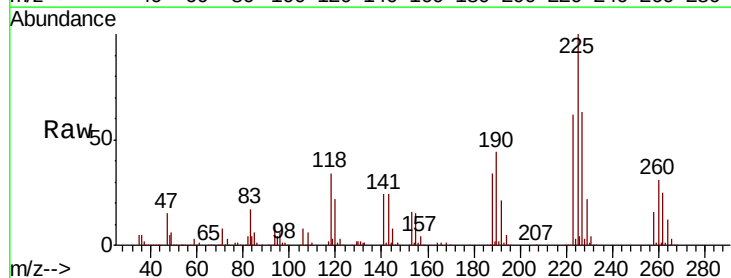
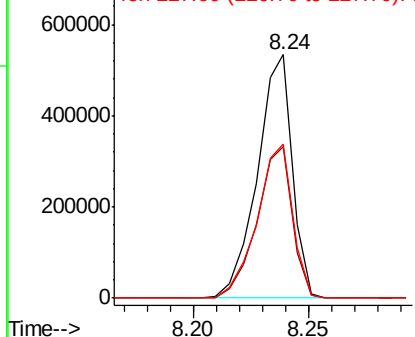


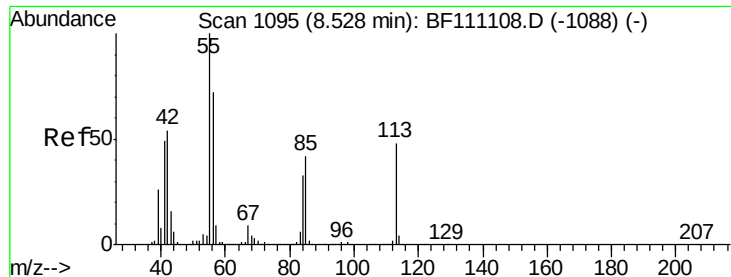
#34
Hexachlorobutadiene
Concen: 42.975 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:	225	Resp:	562755
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.2
227	63.2	51.0	76.4



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

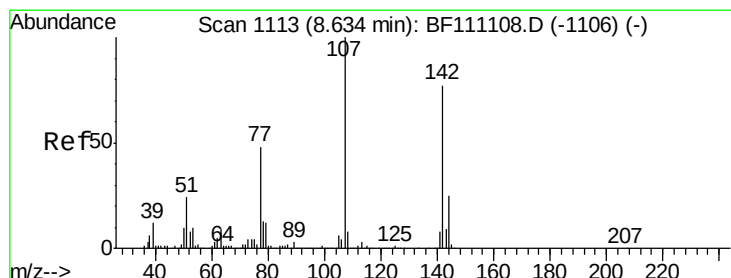
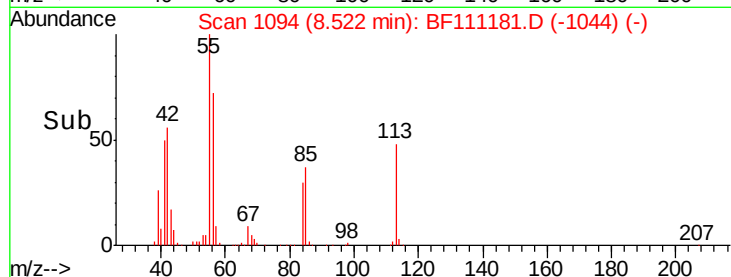
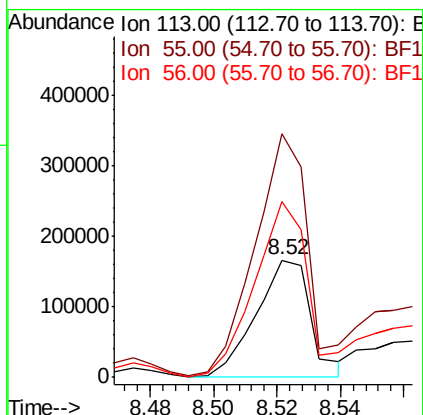
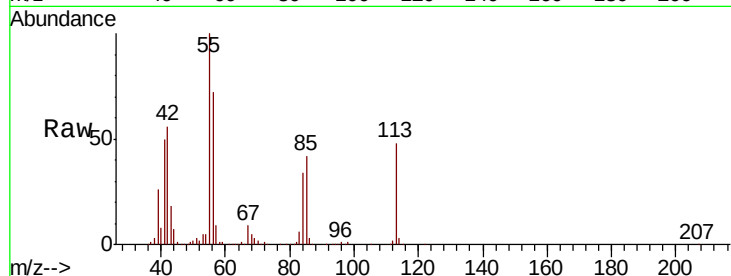




#35
Caprolactam
Concen: 22.818 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

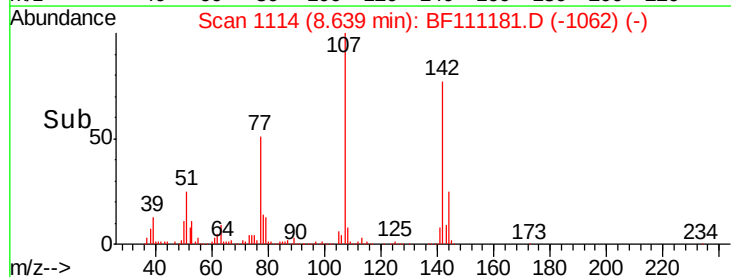
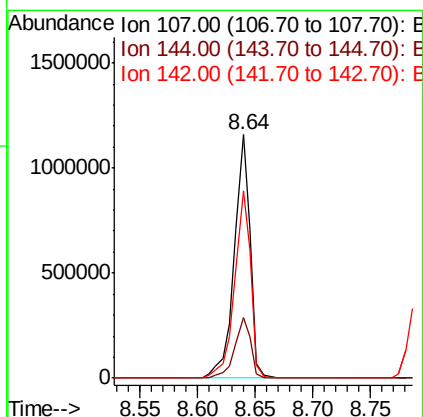
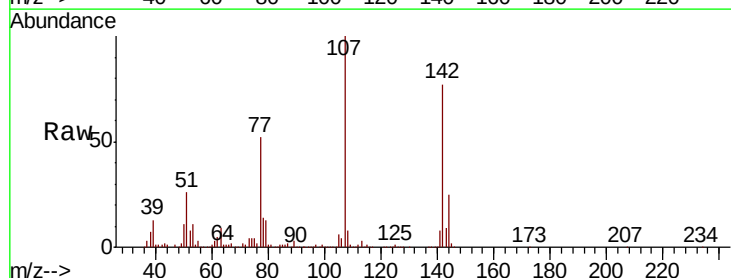
Instrument :
BNA_F
ClientSampled :

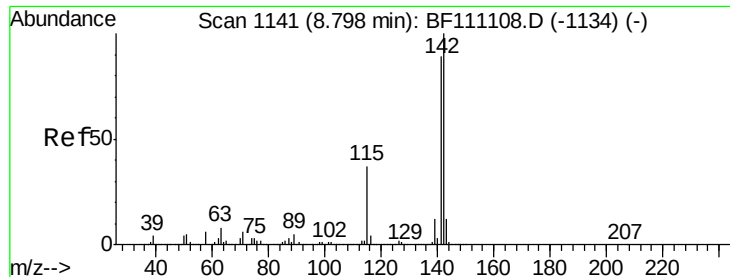
Tot Ion:113 Resp: 200005
Ion Ratio Lower Upper
113 100
55 207.8 190.6 230.6
56 149.5 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 41.934 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:107 Resp: 1096528
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 77.0 61.4 92.0

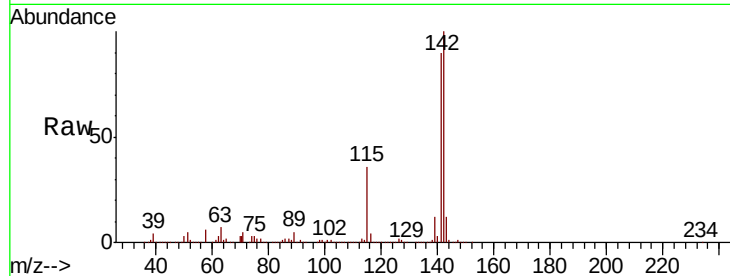




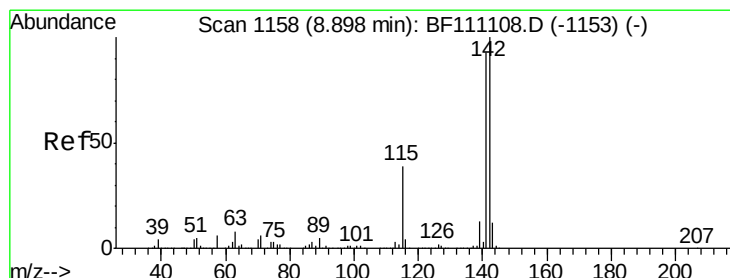
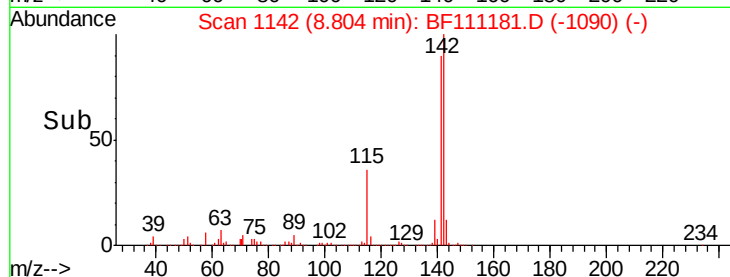
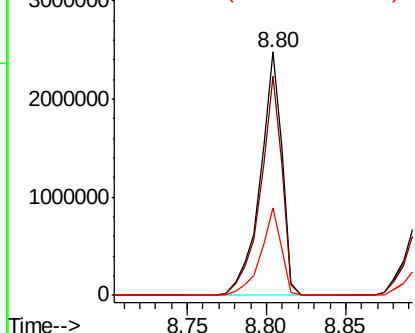
#37
2-Methylnaphthalene
Concen: 47.384 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2386426
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0
115 36.0 29.2 43.8

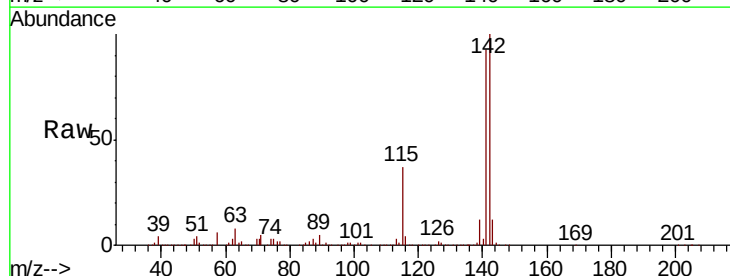


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

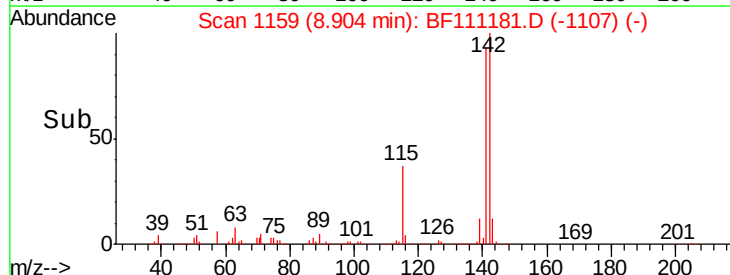
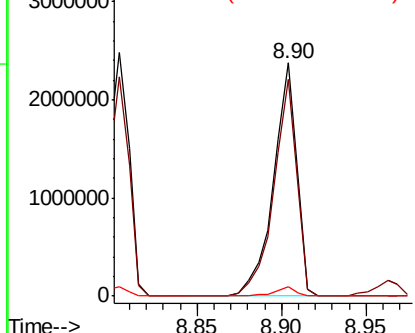


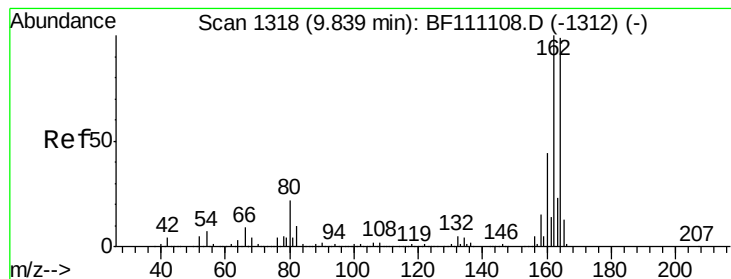
#38
1-Methylnaphthalene
Concen: 46.754 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:142 Resp: 2263877
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7
116 4.1 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampled :

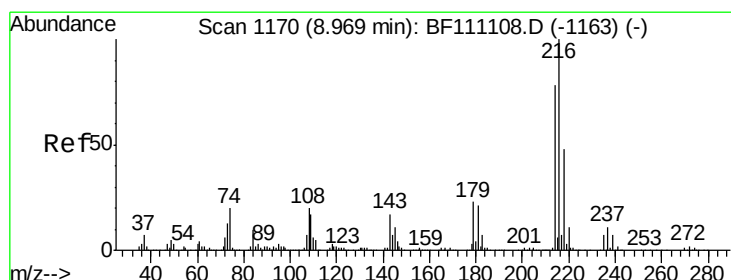
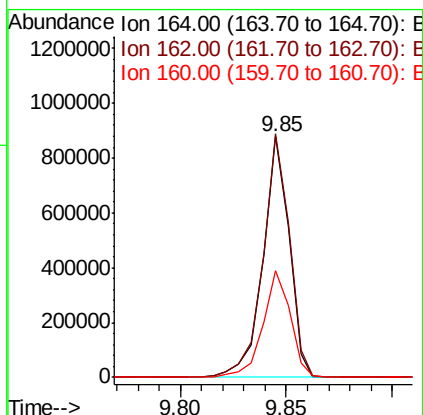
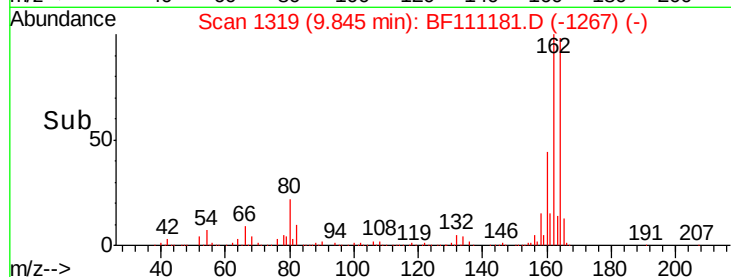
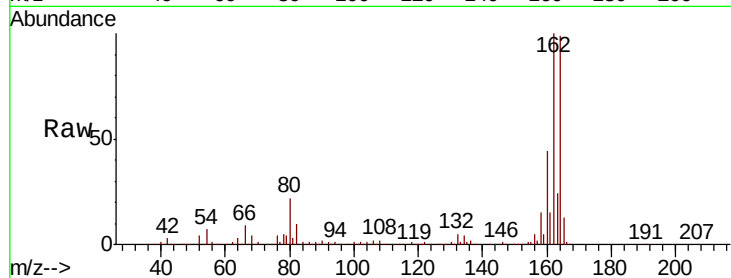
Tot Ion:164 Resp: 764588

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 44.2 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.173 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tgt Ion:216 Resp: 859399

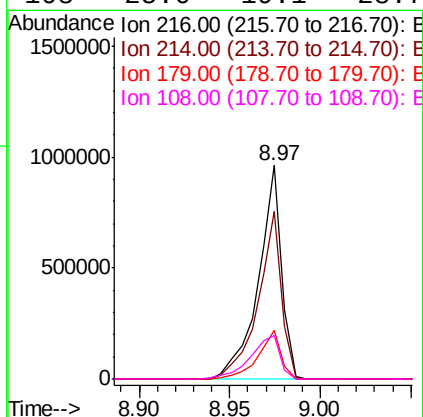
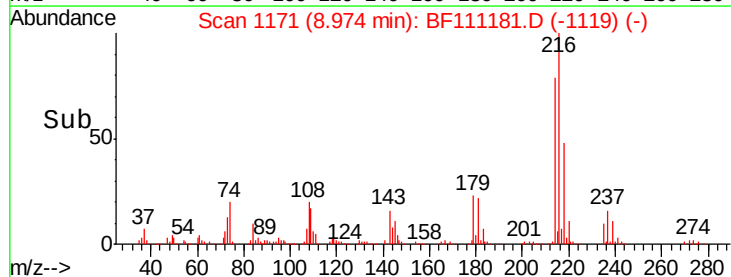
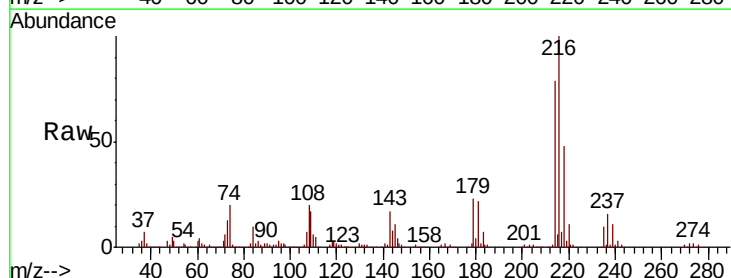
Ion Ratio Lower Upper

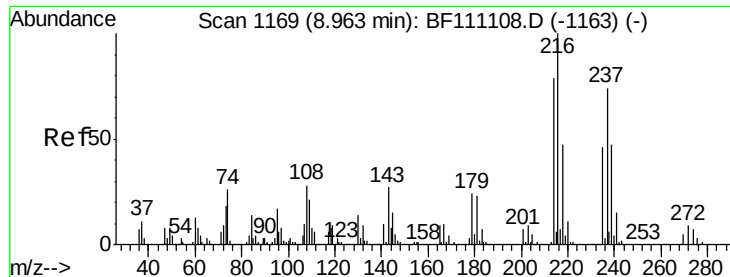
216 100

214 78.7 63.4 95.0

179 22.5 18.5 27.7

108 25.6 19.1 28.7





#41

Hexachlorocyclopentadiene

Concen: 106.333 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

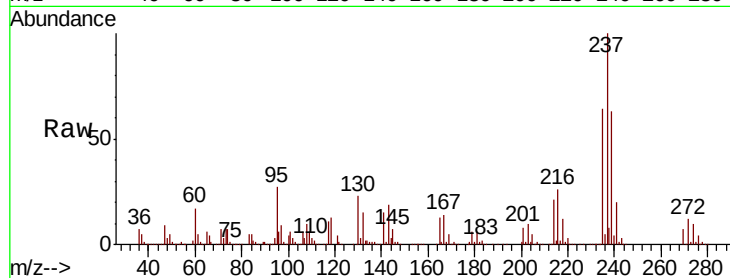
Tot Ion:237 Resp: 1142553

Ion Ratio Lower Upper

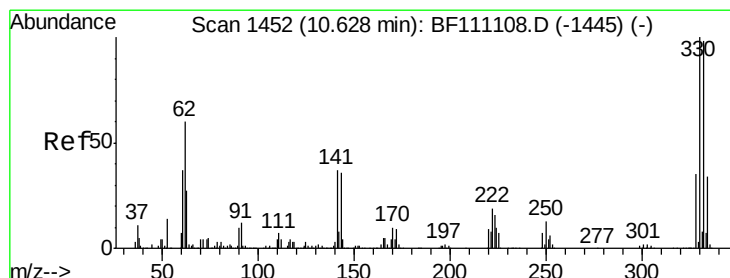
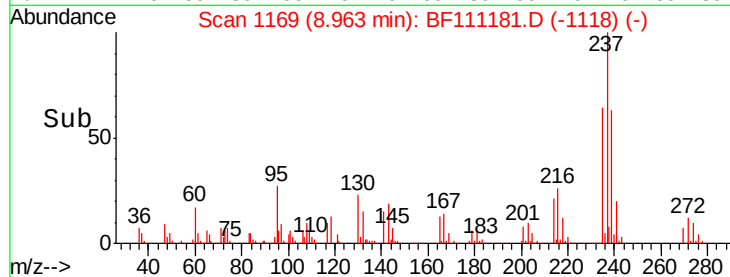
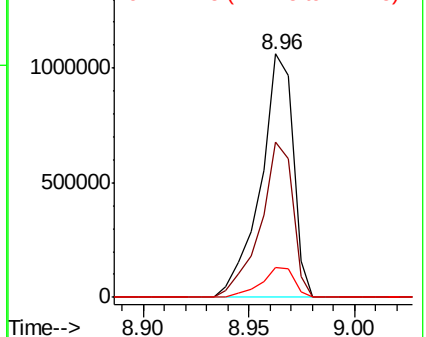
237 100

235 63.9 41.9 81.9

272 12.4 0.0 32.7



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: 135.557 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

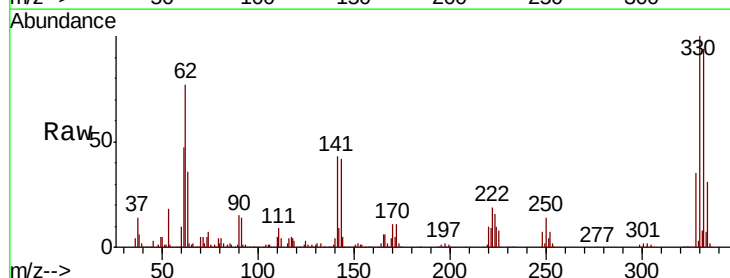
Tgt Ion:330 Resp: 823860

Ion Ratio Lower Upper

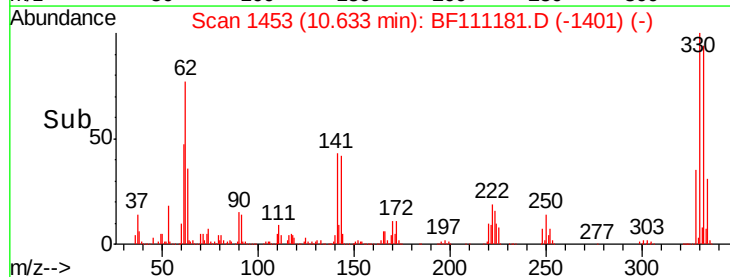
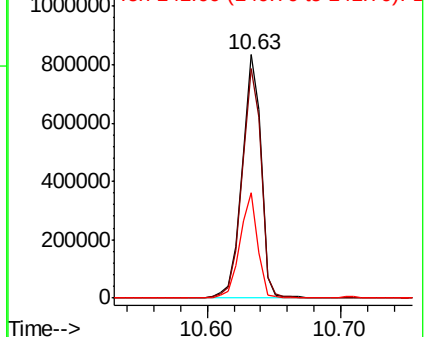
330 100

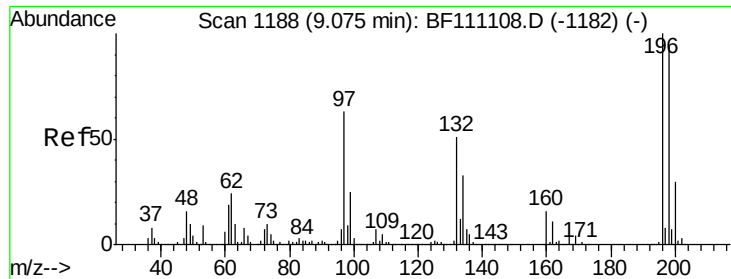
332 95.5 77.2 115.8

141 40.9 36.1 54.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

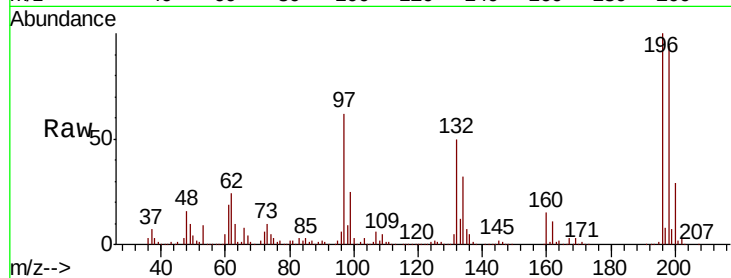




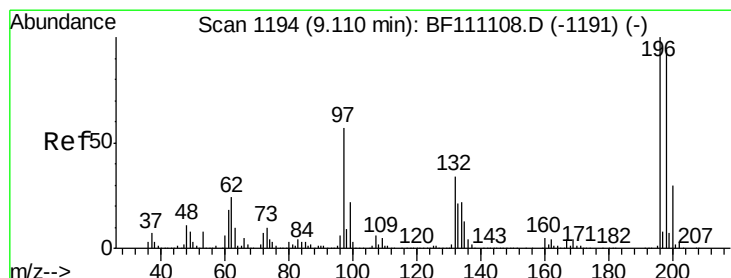
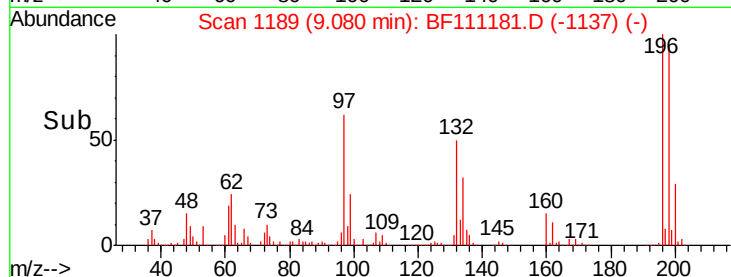
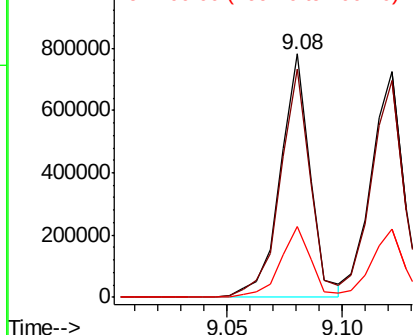
#43
 2,4,6-Trichlorophenol
 Concen: 46.674 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 694653
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.4 113.0
 200 29.1 24.2 36.4



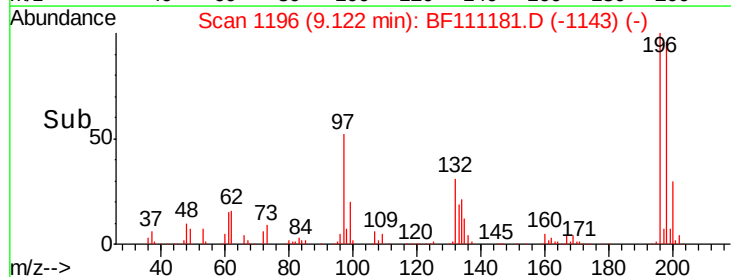
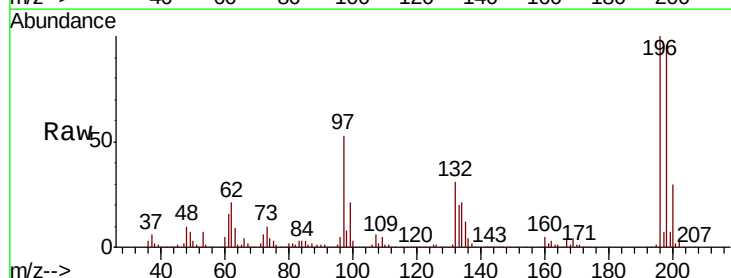
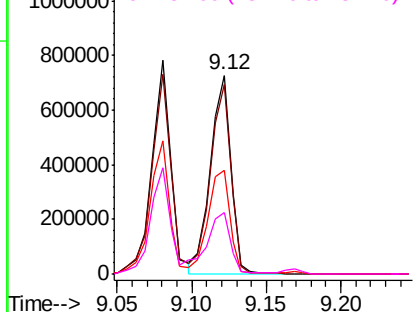
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

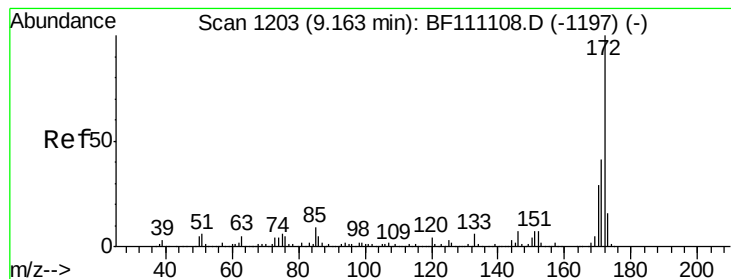


#44
 2,4,5-Trichlorophenol
 Concen: 45.997 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:196 Resp: 693953
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.0 112.4
 97 52.5 46.2 69.4
 132 31.2 27.2 40.8

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: 82.145 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

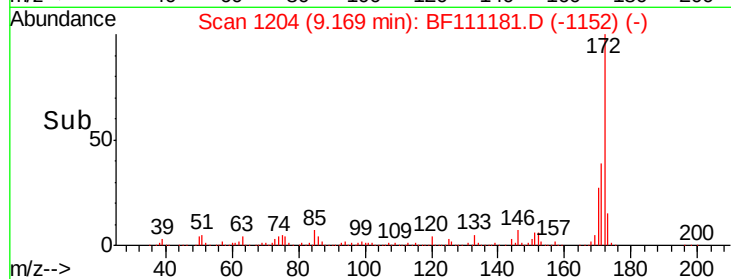
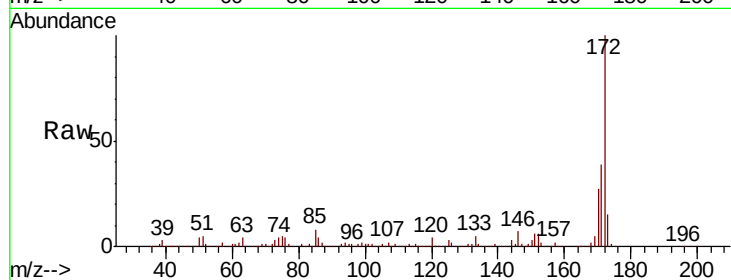
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 3412976

Ion	Ratio	Lower	Upper
172	100		
171	38.7	33.2	49.8
170	26.6	22.9	34.3

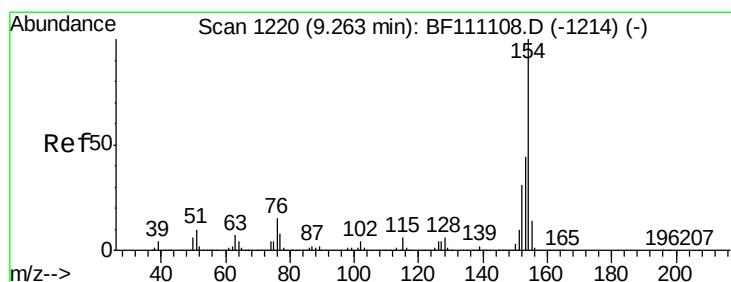
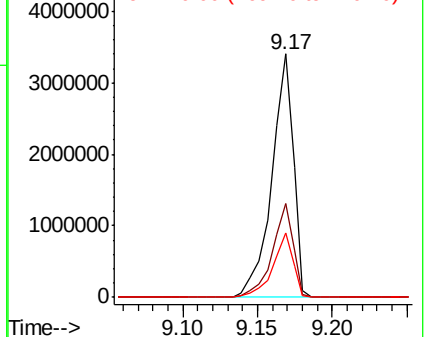


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.330 ng

RT: 9.27 min Scan# 1221

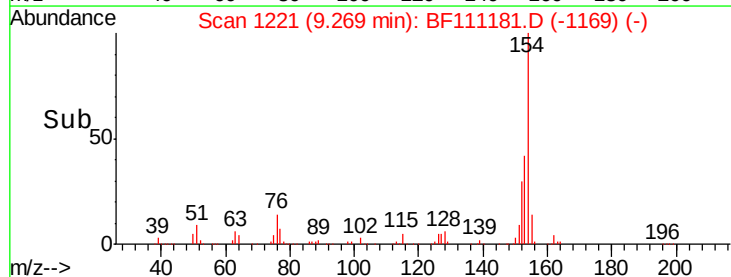
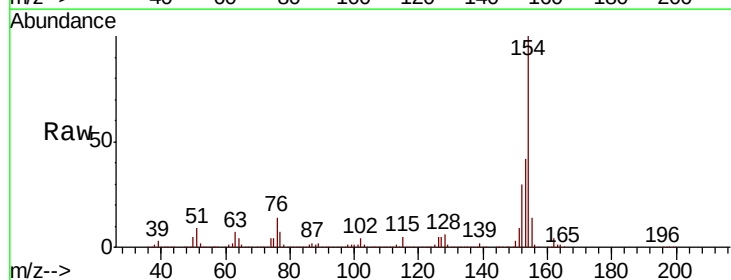
Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tgt Ion:154 Resp: 2649452

Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.7	63.7
76	13.9	0.0	35.0

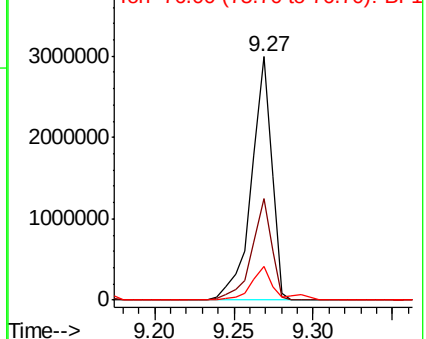


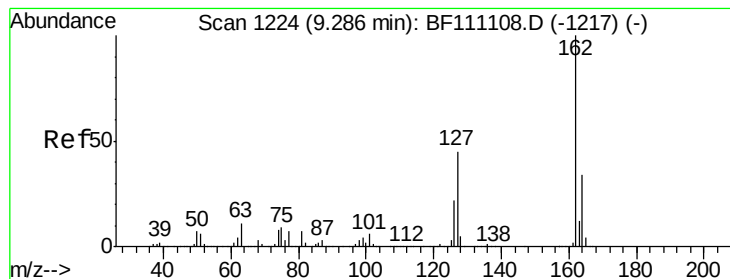
Abundance

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: 43.225 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampled :

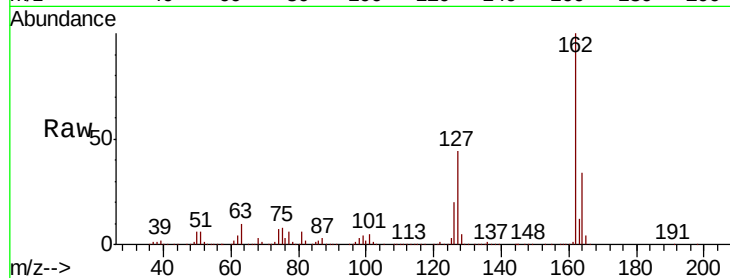
Tot Ion:162 Resp: 2102347

Ion Ratio Lower Upper

162 100

127 44.1 36.4 54.6

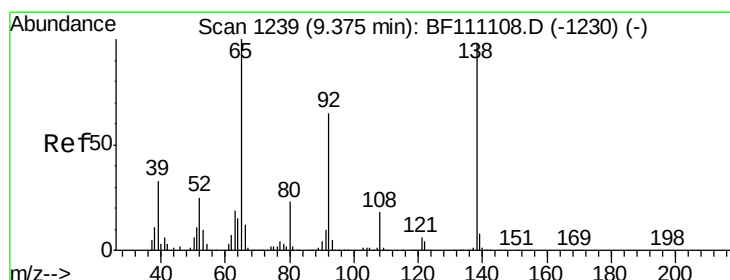
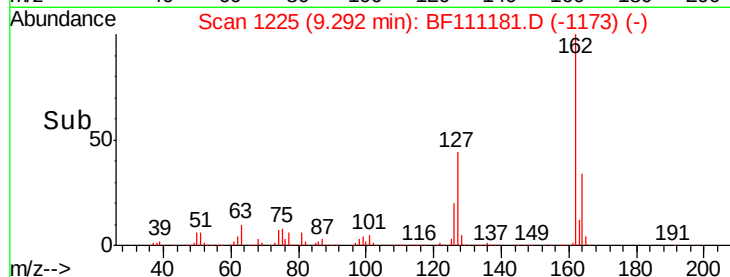
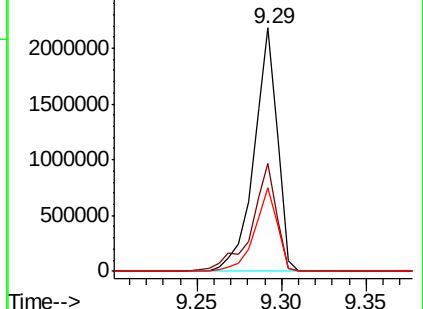
164 34.3 27.3 40.9



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: 45.125 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

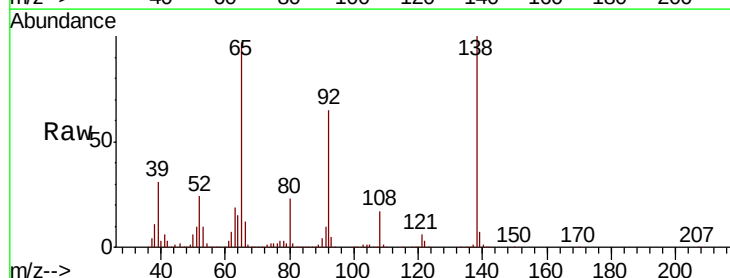
Tgt Ion: 65 Resp: 711254

Ion Ratio Lower Upper

65 100

92 67.2 52.1 78.1

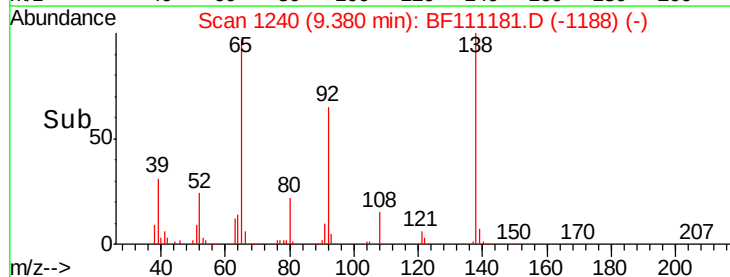
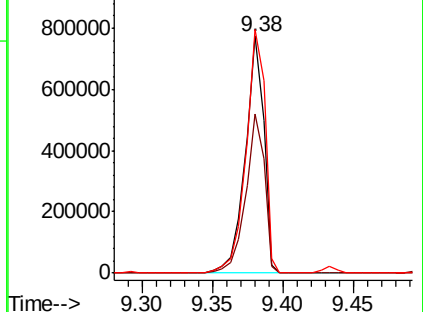
138 102.7 78.2 117.4

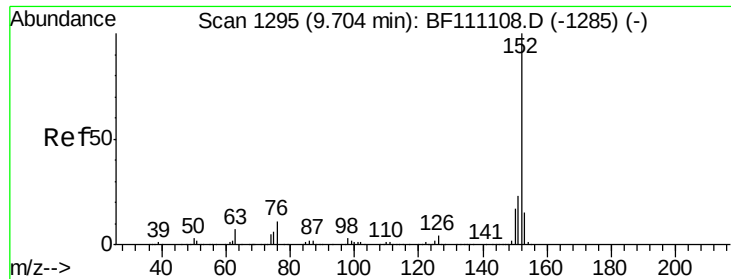


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

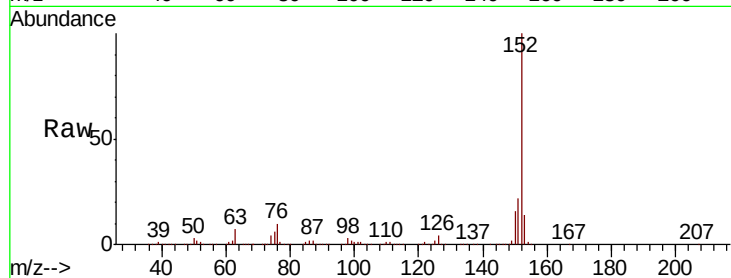




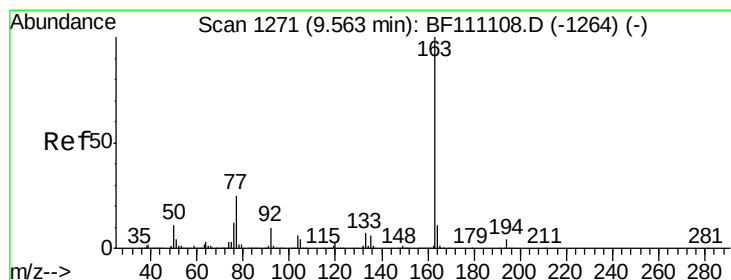
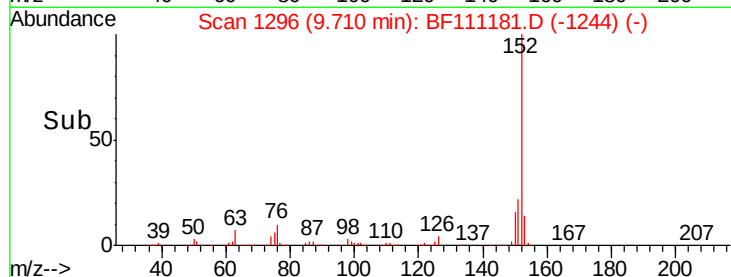
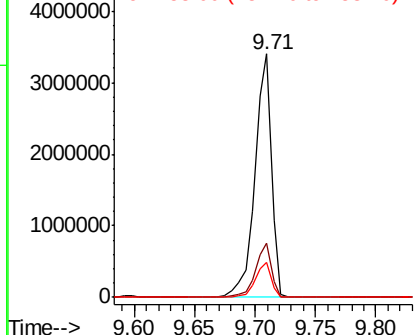
#49
Acenaphthylene
Concen: 47.953 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 3260115
Ion Ratio Lower Upper
152 100
151 22.3 18.3 27.5
153 14.5 11.8 17.8

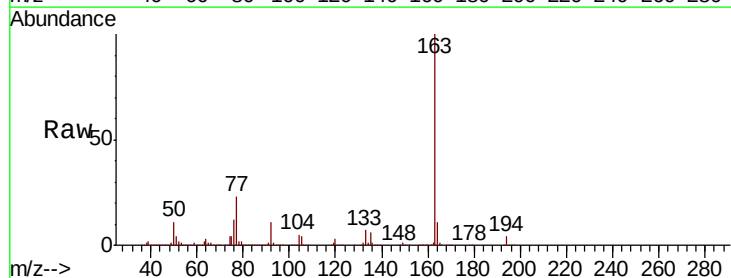


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

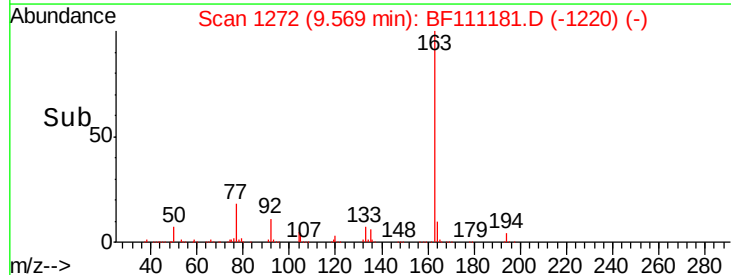
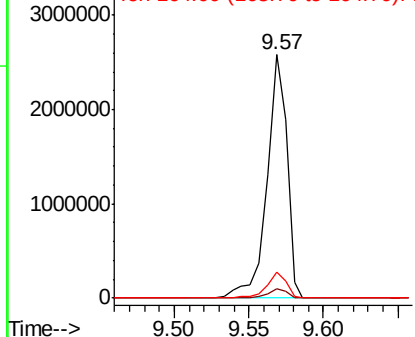


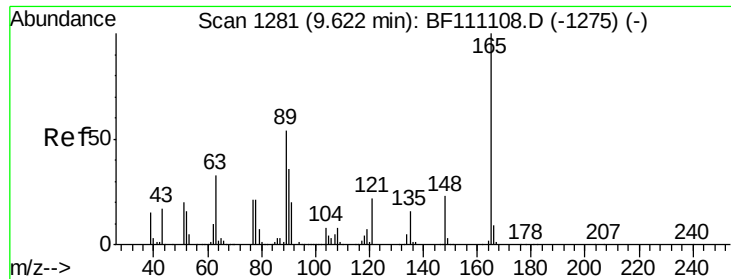
#50
Dimethylphthalate
Concen: 44.512 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:163 Resp: 2368570
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.9 8.9 13.3



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

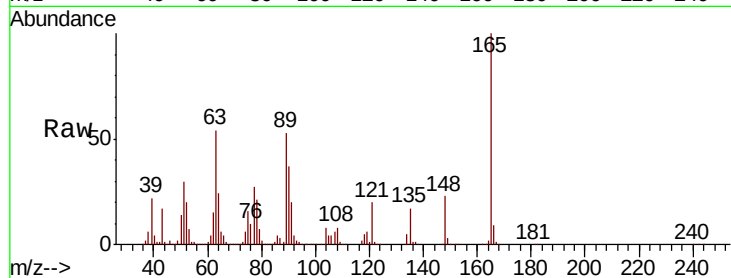




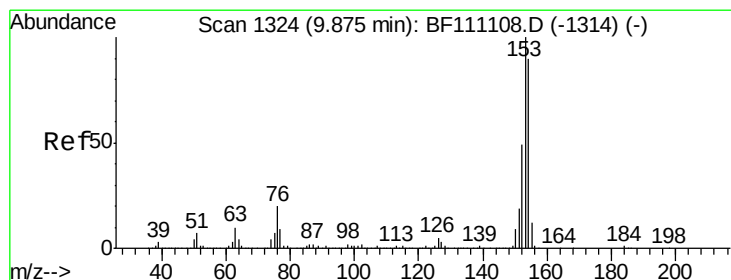
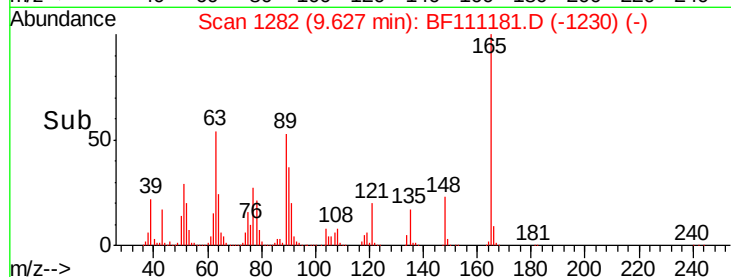
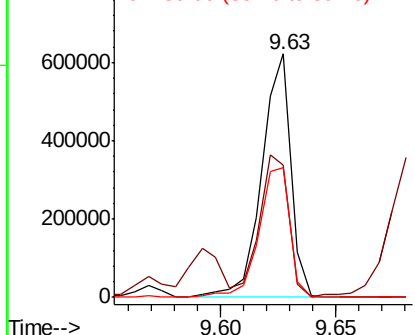
#51
 2,6-Dinitrotoluene
 Concen: 48.471 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 546840
 Ion Ratio Lower Upper
 165 100
 63 54.5 44.7 67.1
 89 53.4 43.0 64.4

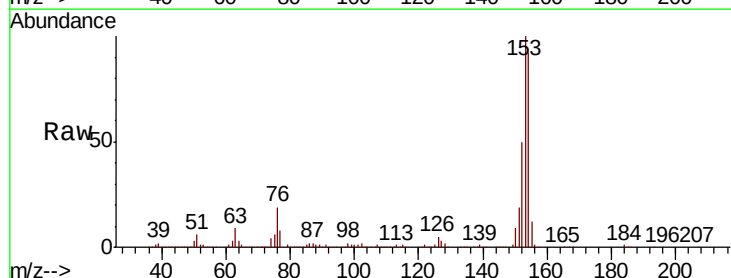


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

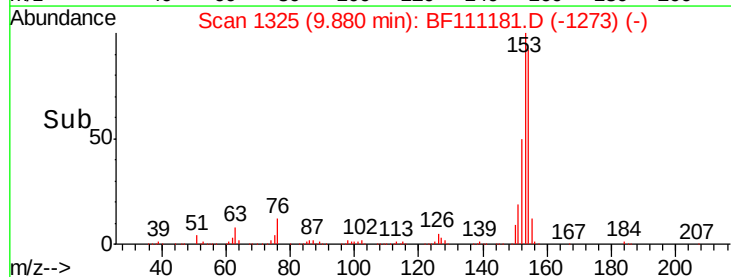
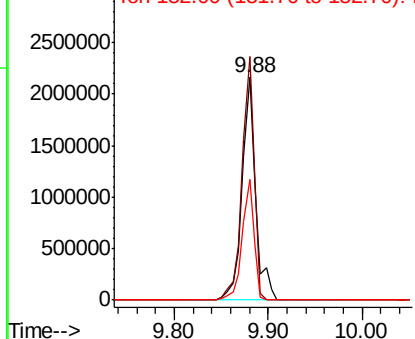


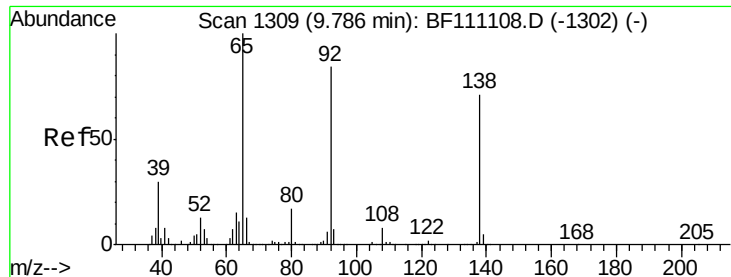
#52
 Acenaphthene
 Concen: 48.139 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:154 Resp: 2162108
 Ion Ratio Lower Upper
 154 100
 153 109.2 88.7 133.1
 152 54.3 43.8 65.8



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

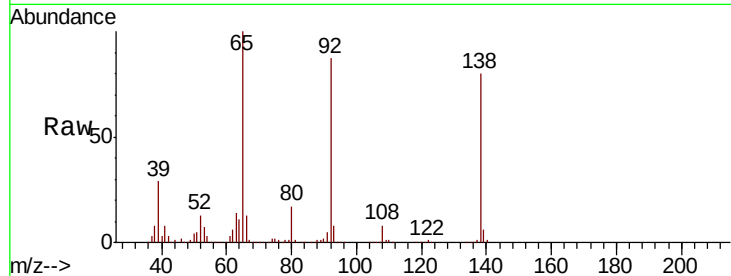




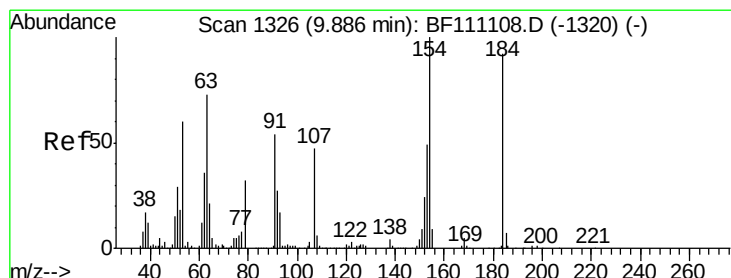
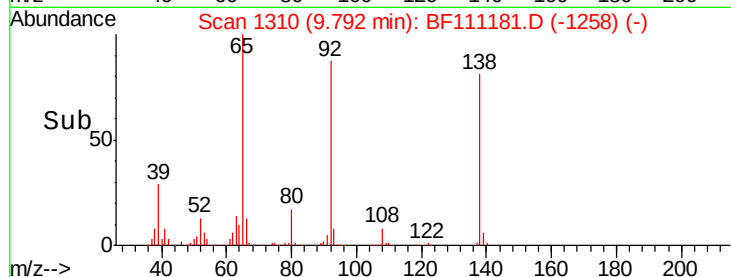
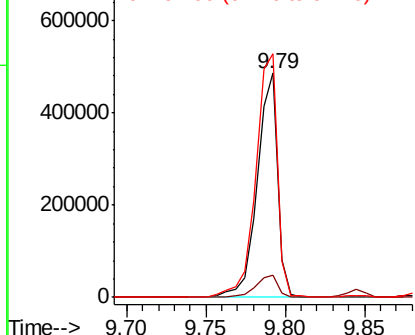
#53
3-Nitroaniline
Concen: 30.812 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 436639
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.0
92 108.6 94.1 141.1

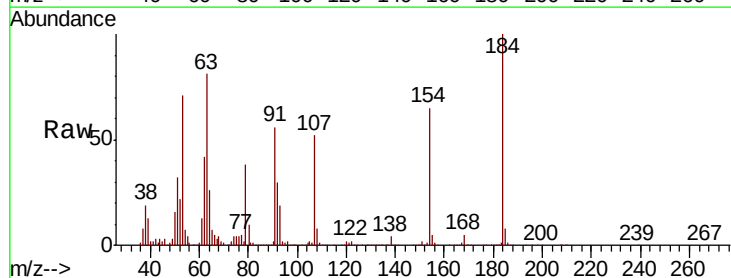


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

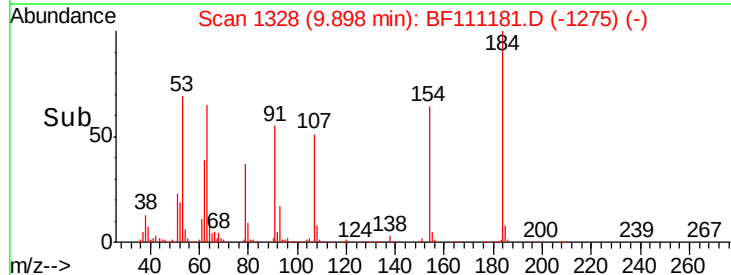
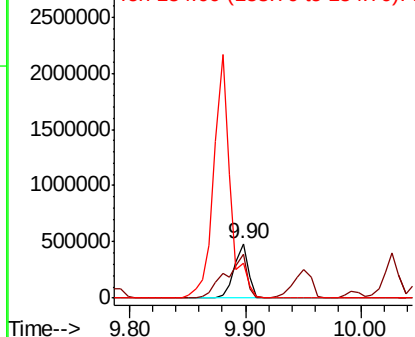


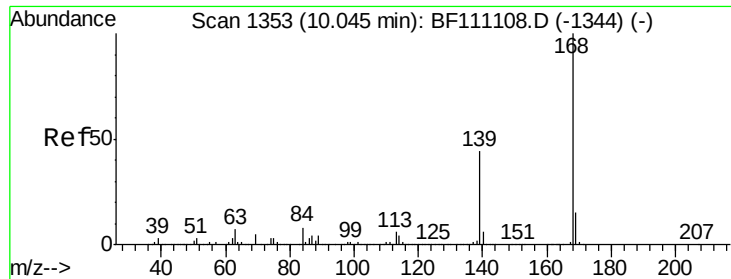
#54
2,4-Dinitrophenol
Concen: 112.487 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:184 Resp: 412550
Ion Ratio Lower Upper
184 100
63 80.8 64.2 96.4
154 64.6 89.5 134.3#



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

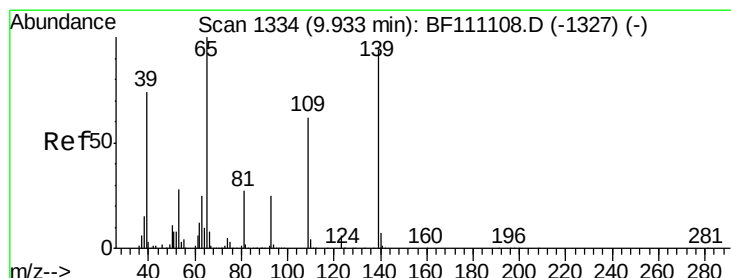
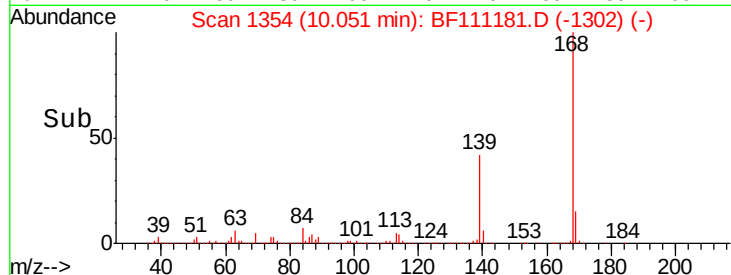
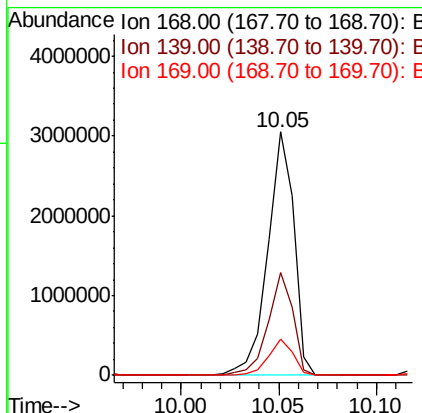
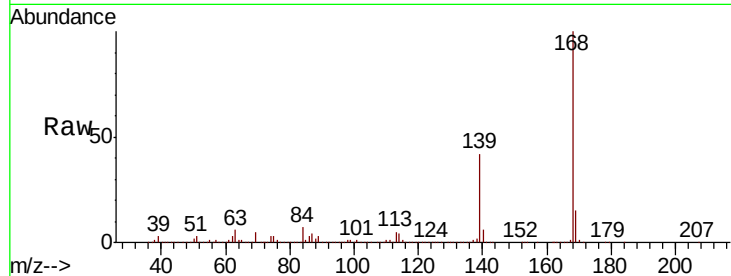




#55
Dibenzofuran
Concen: 45.823 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

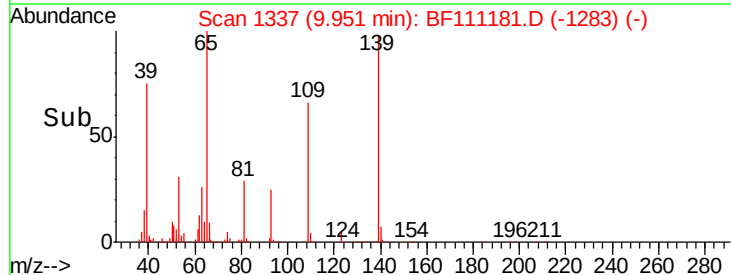
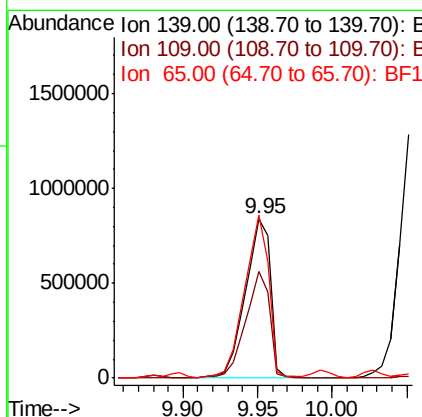
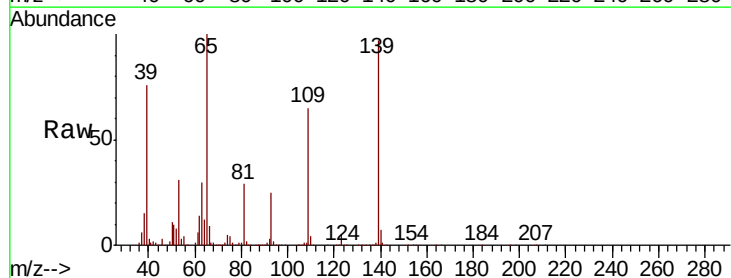
Instrument :
BNA_F
ClientSampleId :

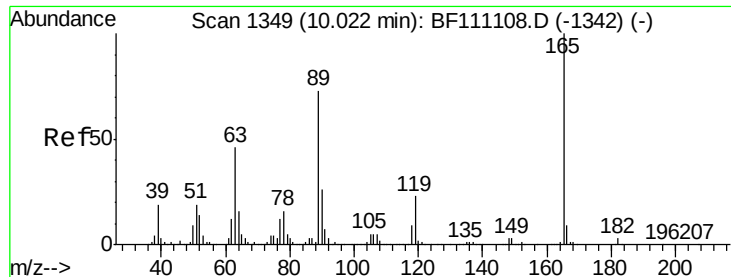
Tot Ion:168 Resp: 2834712
Ion Ratio Lower Upper
168 100
139 42.0 35.1 52.7
169 14.7 12.2 18.4



#56
4-Nitrophenol
Concen: 90.861 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:139 Resp: 970295
Ion Ratio Lower Upper
139 100
109 67.0 46.1 86.1
65 102.7 87.0 127.0

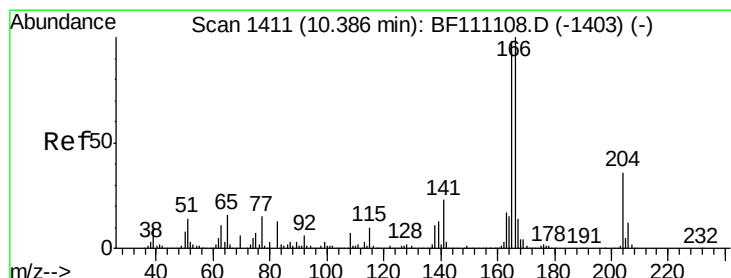
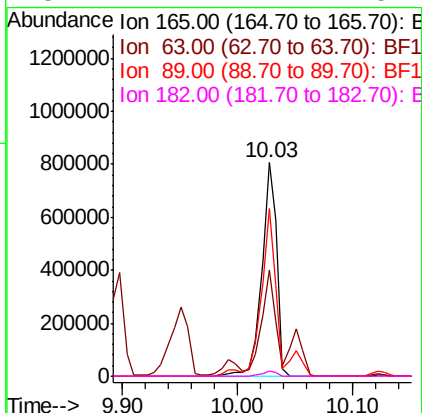
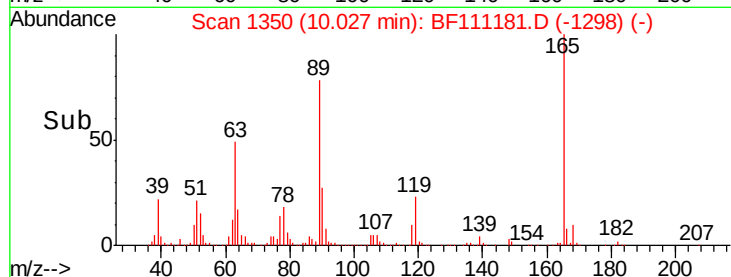
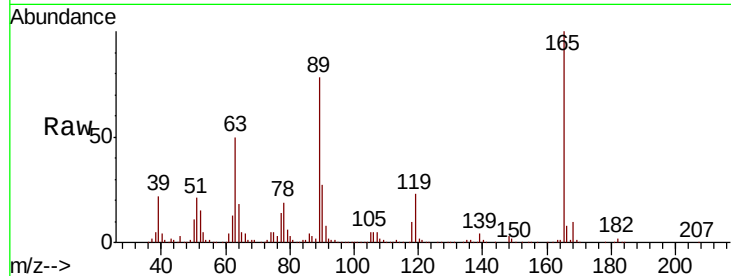




#57
2,4-Dinitrotoluene
Concen: 50.093 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

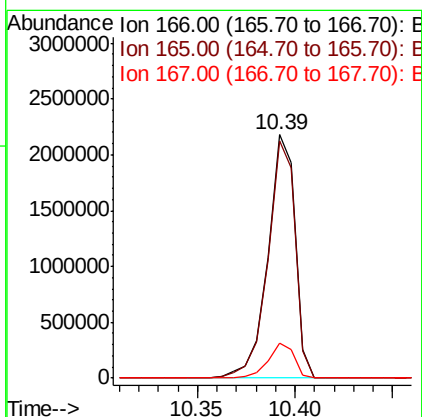
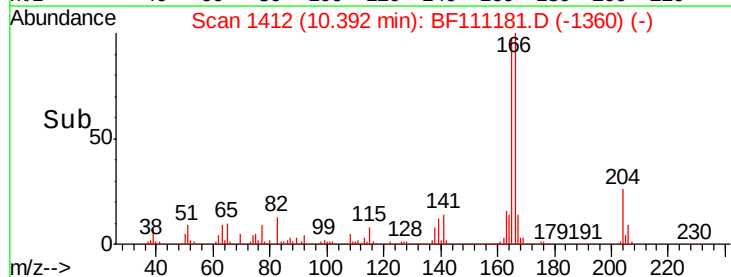
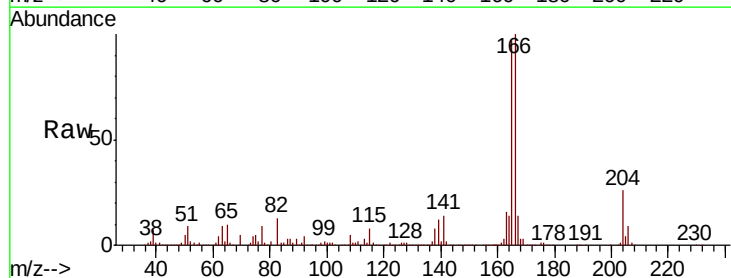
Instrument :
BNA_F
ClientSampleId :

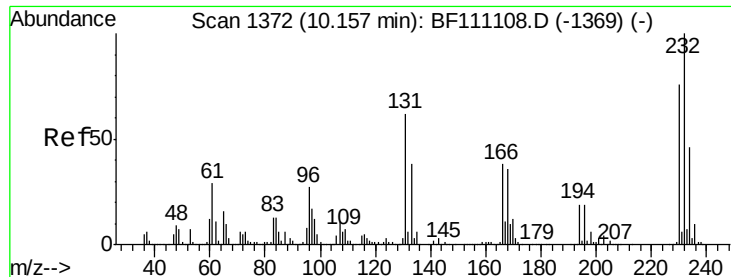
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	36.7	55.1
89	78.3	58.4	87.6
182	2.4	2.1	3.1



#58
Fluorene
Concen: 48.381 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.4	117.6
167	14.3	11.4	17.2

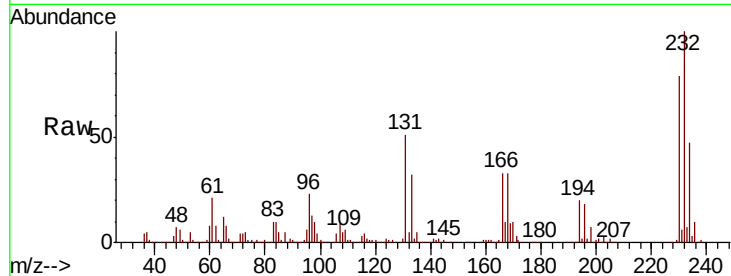




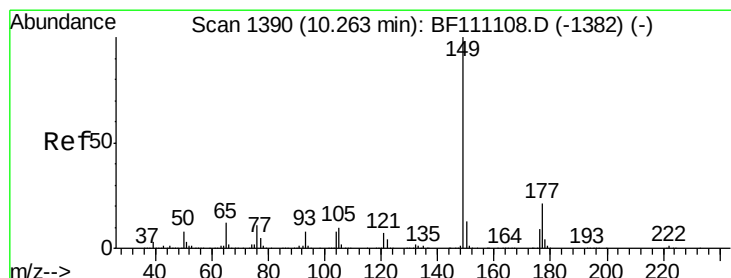
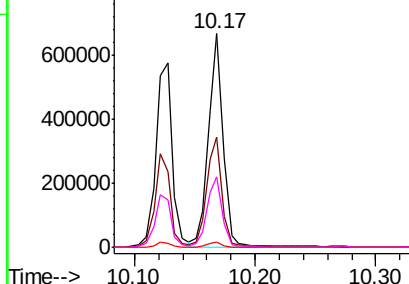
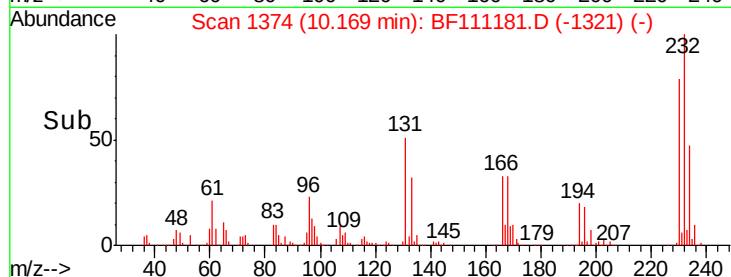
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.896 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 561841
Ion Ratio Lower Upper
232 100
131 52.9 40.4 60.6
130 2.6 2.1 3.1
166 34.0 23.0 34.6

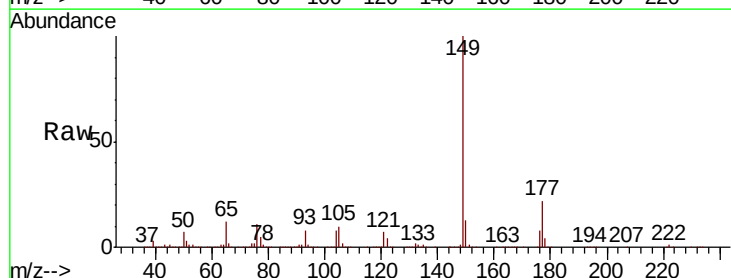


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

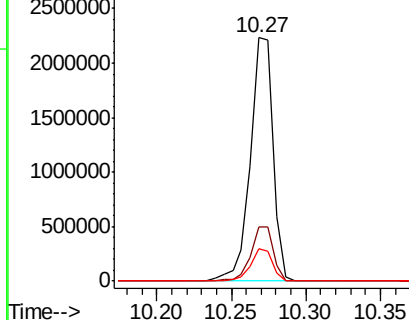
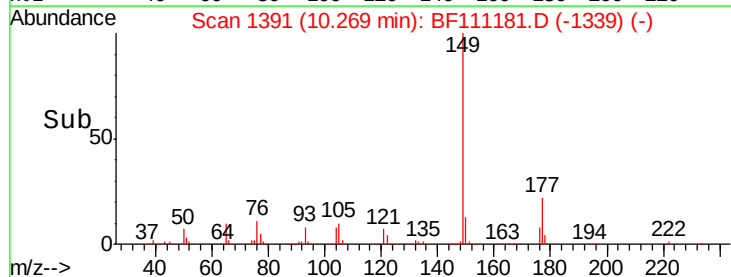


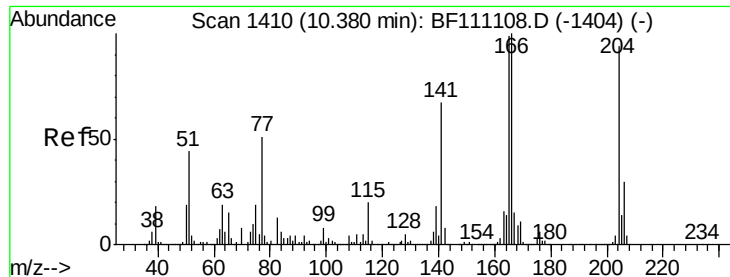
#60
Diethylphthalate
Concen: 43.888 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:149 Resp: 2333900
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 13.1 10.5 15.7



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

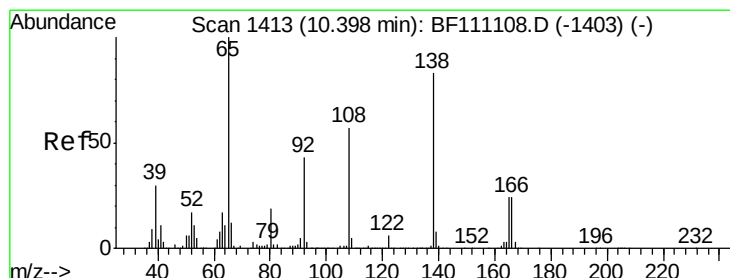
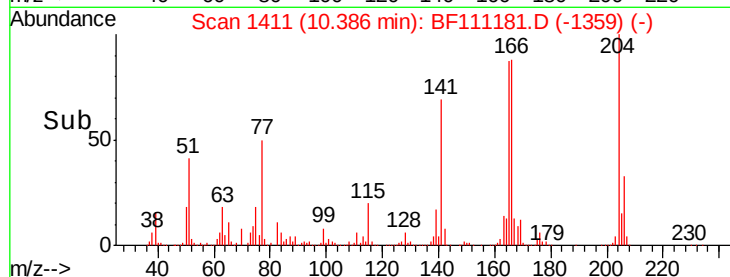
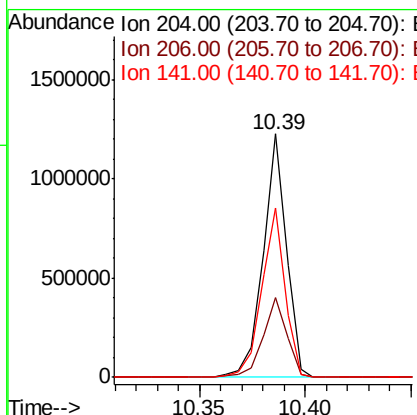
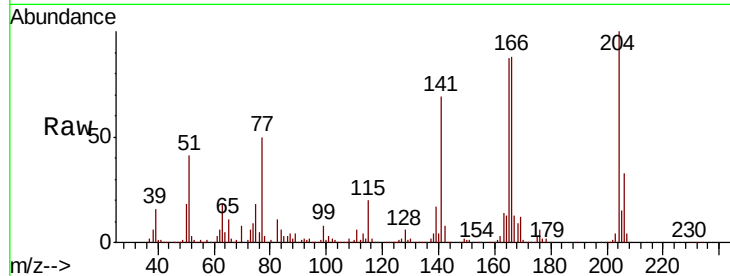




#61
 4-Chlorophenyl-phenylether
 Concen: 43.988 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

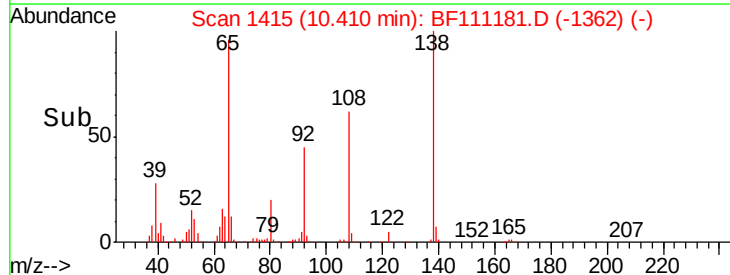
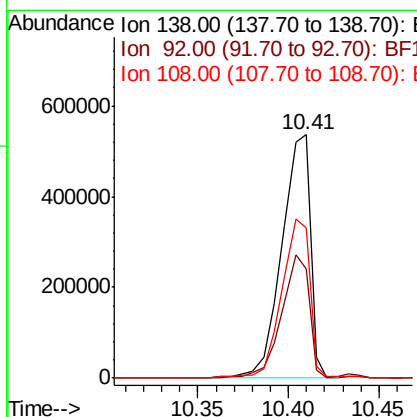
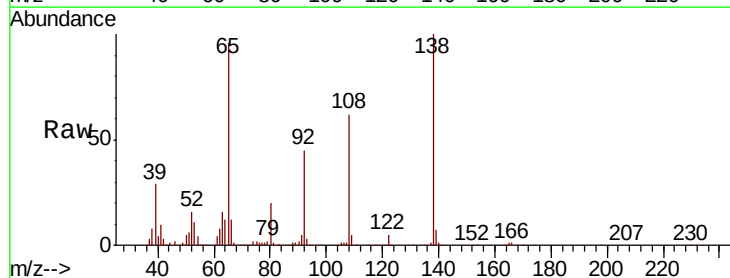
Instrument :
 BNA_F
 ClientSampleId :

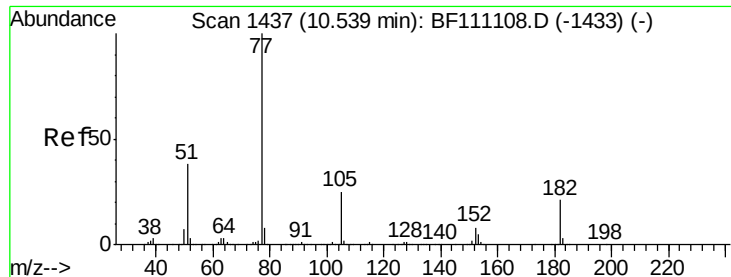
Tot Ion:	204	Resp:	945685
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	69.5	57.4	86.0



#62
 4-Nitroaniline
 Concen: 46.539 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:	138	Resp:	595235
Ion	Ratio	Lower	Upper
138	100		
92	44.9	31.6	71.6
108	61.8	48.3	88.3





#63

Azobenzene

Concen: 42.395 ng

RT: 10.54 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2400244

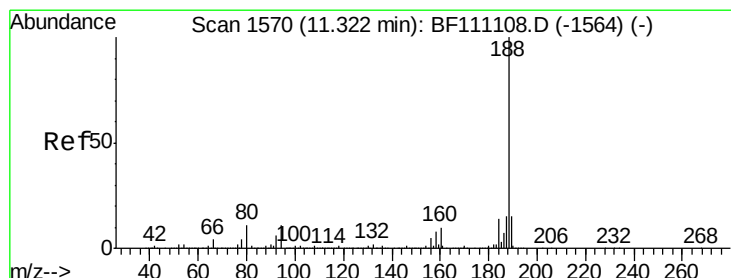
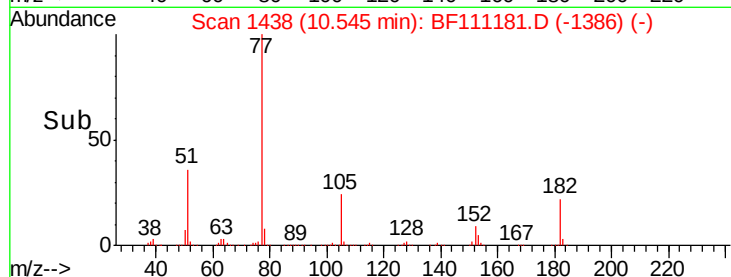
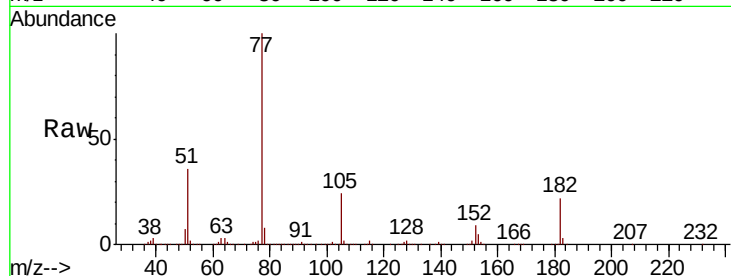
Ion	Ratio	Lower	Upper
77	100		
182	22.0	1.4	41.4
105	23.7	4.7	44.7
51	36.2	18.0	58.0

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: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

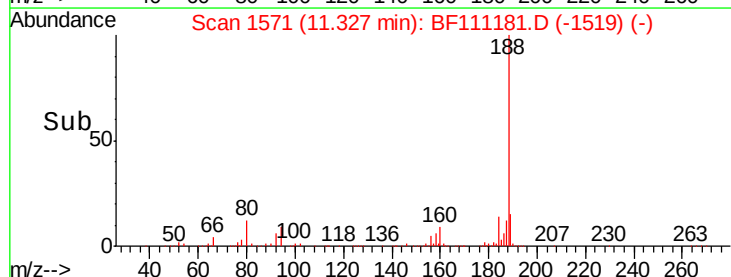
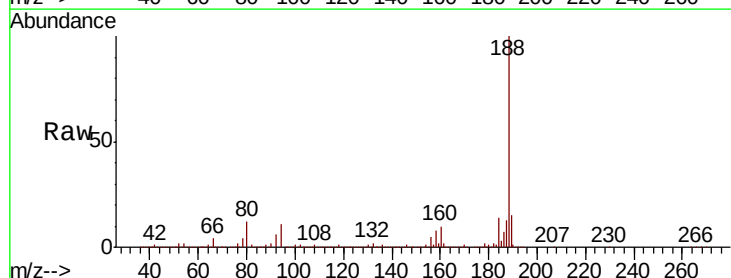
Tgt Ion: 188 Resp: 1315546

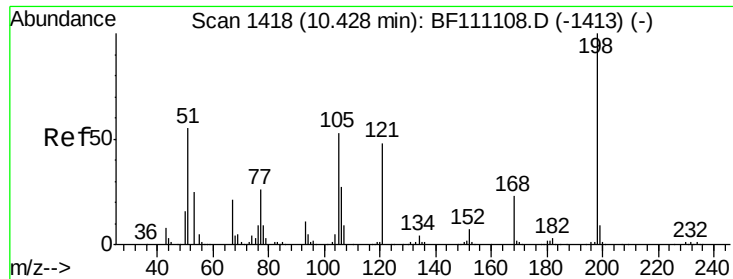
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.0	13.6

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

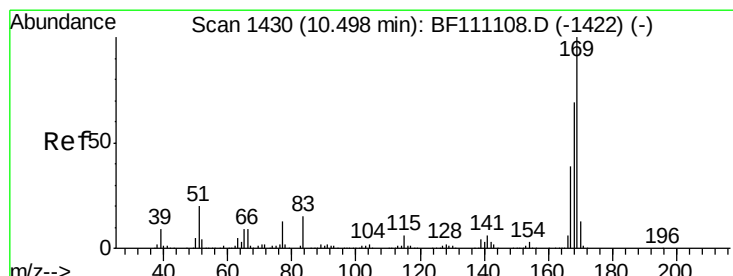
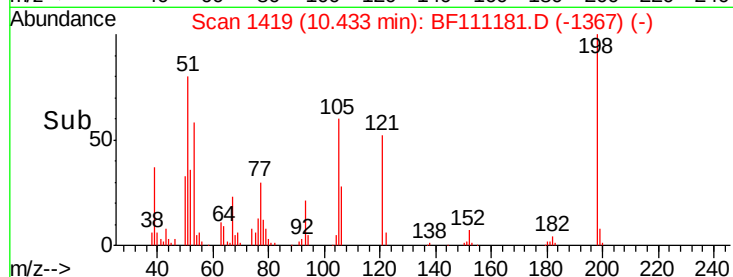
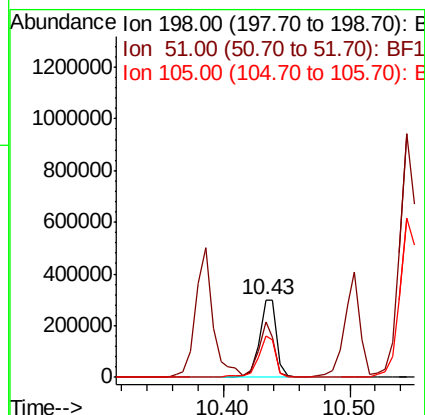
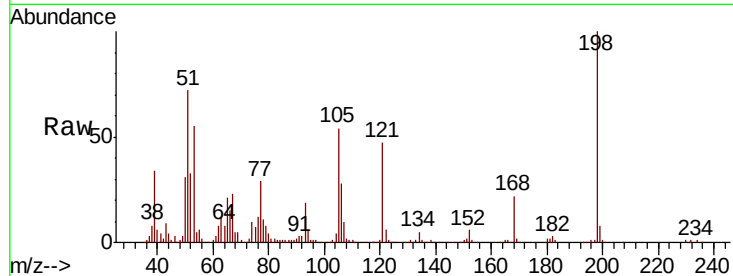




#65
4,6-Dinitro-2-methylphenol
Concen: 53.058 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

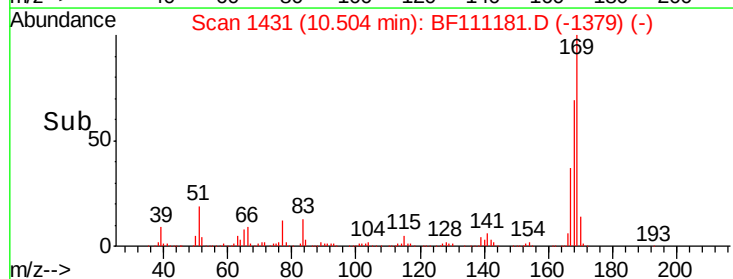
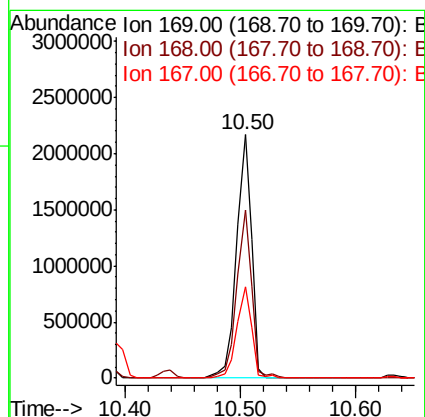
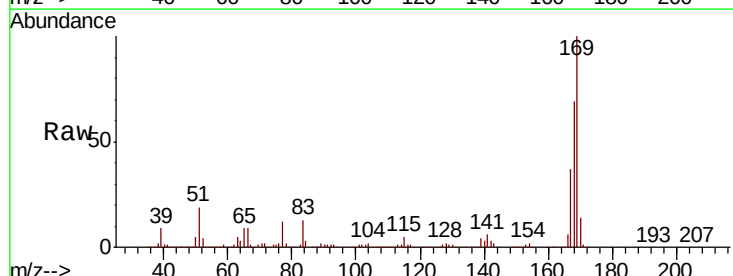
Instrument :
BNA_F
ClientSampled :

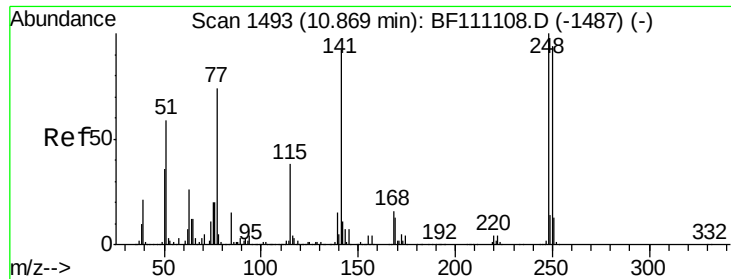
Tot Ion:198 Resp: 288371
Ion Ratio Lower Upper
198 100
51 72.4 48.8 88.8
105 53.9 35.2 75.2



#66
n-Nitrosodiphenylamine
Concen: 42.186 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:169 Resp: 1943293
Ion Ratio Lower Upper
169 100
168 68.8 55.4 83.2
167 37.4 31.1 46.7

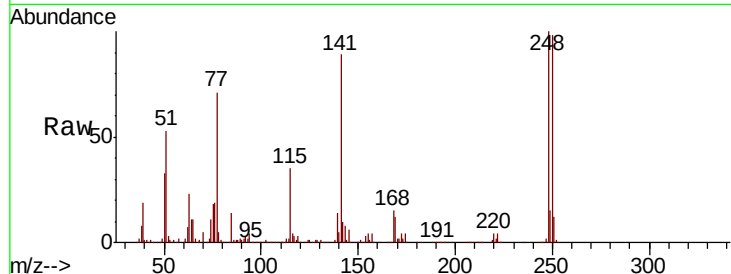




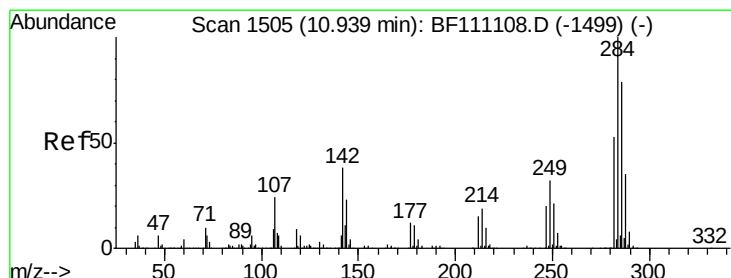
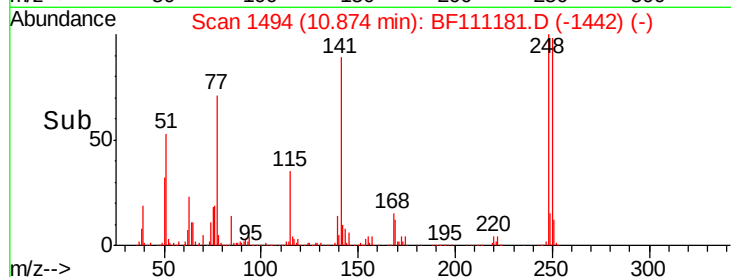
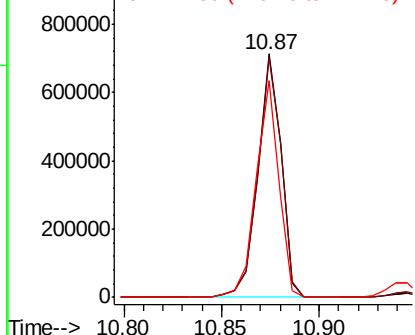
#67
4-Bromophenyl-phenylether
Concen: 42.326 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 589419
Ion Ratio Lower Upper
248 100
250 98.3 75.4 113.0
141 89.0 73.8 110.6

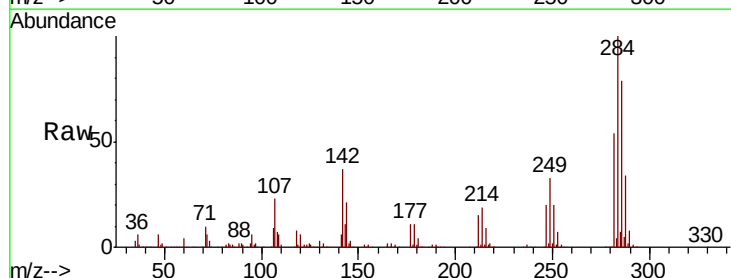


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

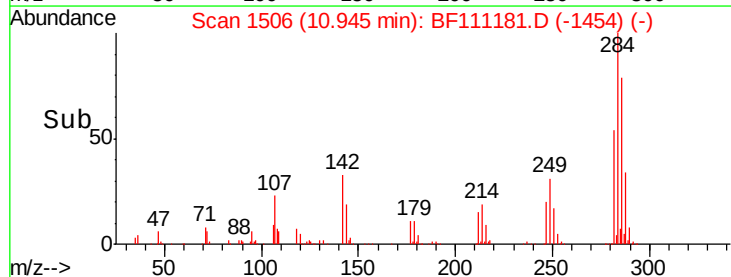
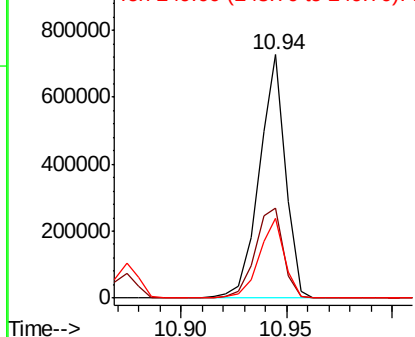


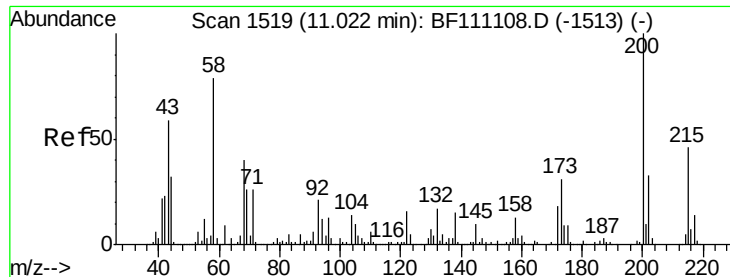
#68
Hexachlorobenzene
Concen: 43.723 ng
RT: 10.94 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:284 Resp: 622588
Ion Ratio Lower Upper
284 100
142 36.9 30.2 45.2
249 32.6 25.3 37.9



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





#69

Atrazine

Concen: 49.048 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

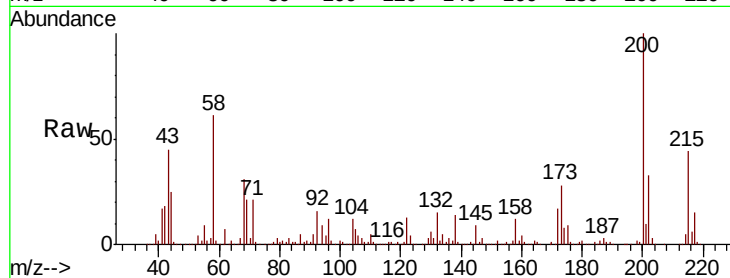
Tot Ion:200 Resp: 601442

Ion Ratio Lower Upper

200 100

173 28.3 11.3 51.3

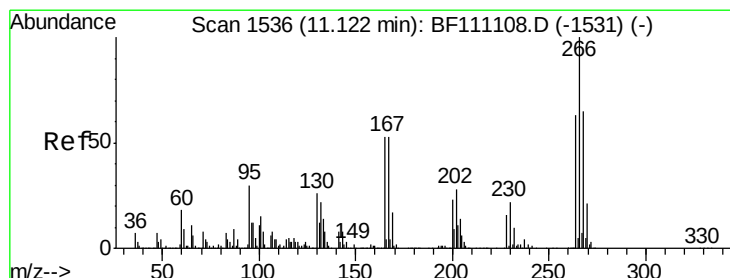
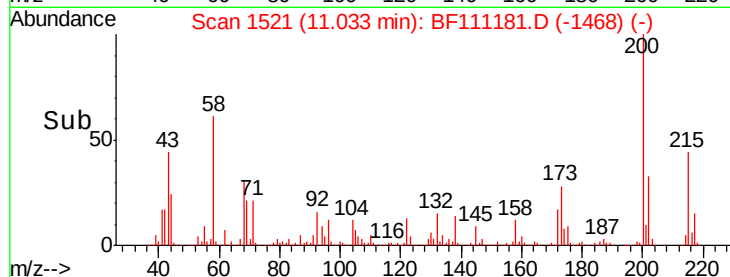
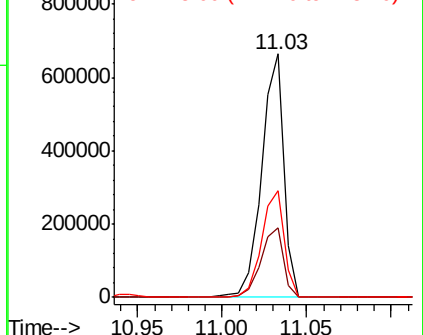
215 44.1 25.9 65.9



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: 76.085 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

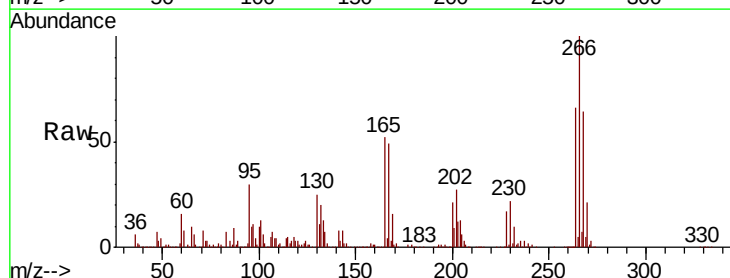
Tgt Ion:266 Resp: 712466

Ion Ratio Lower Upper

266 100

268 64.3 52.2 78.4

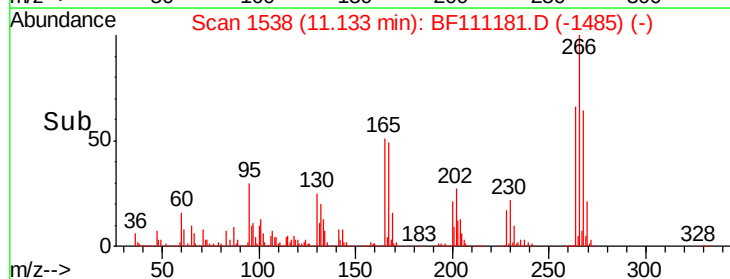
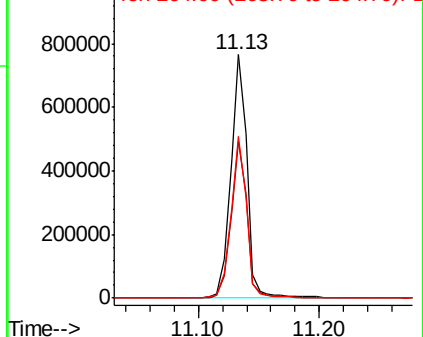
264 66.2 50.8 76.2

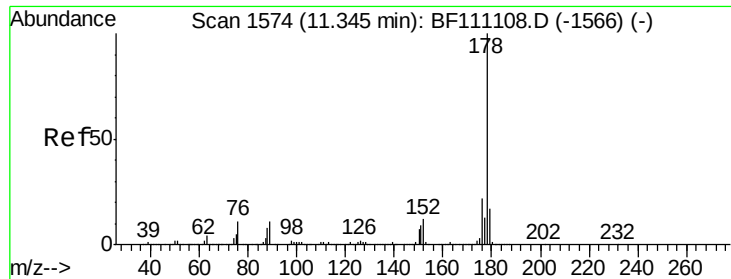


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

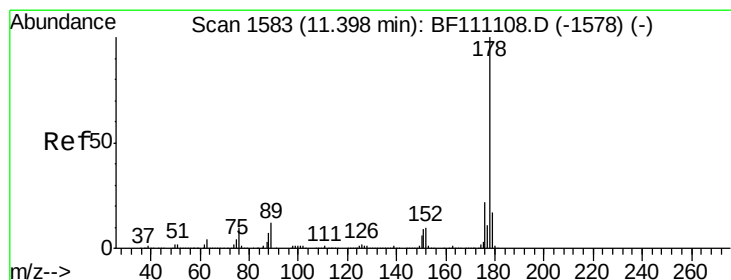
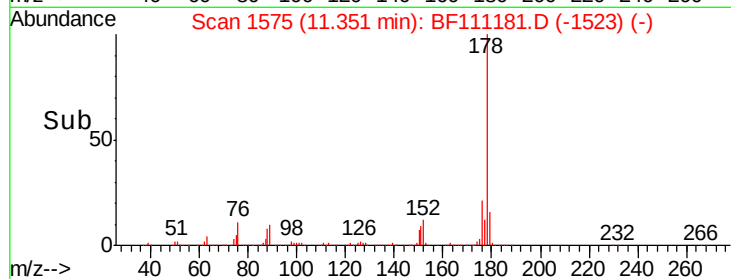
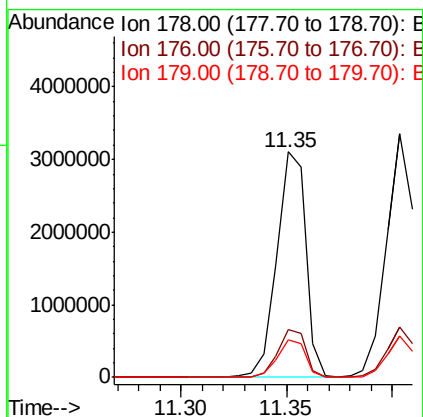
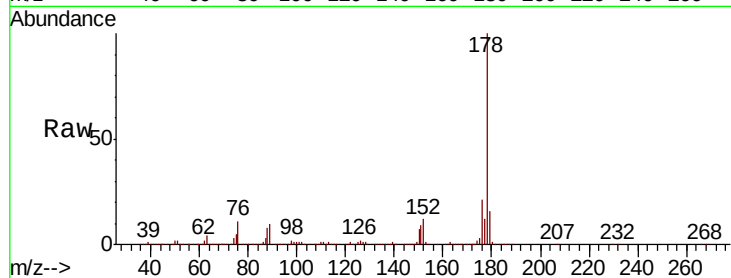




#71
Phenanthrene
Concen: 47.015 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

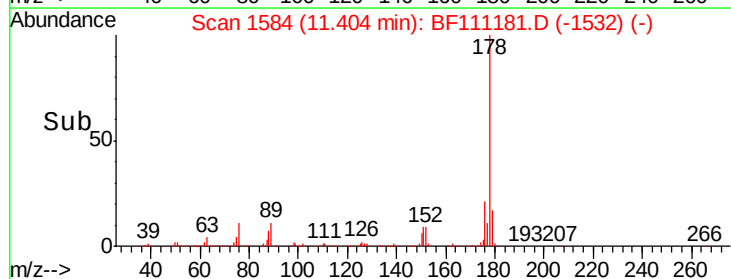
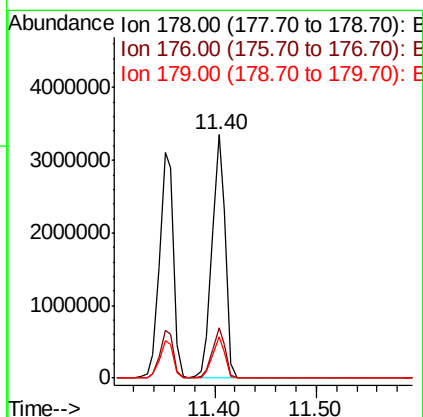
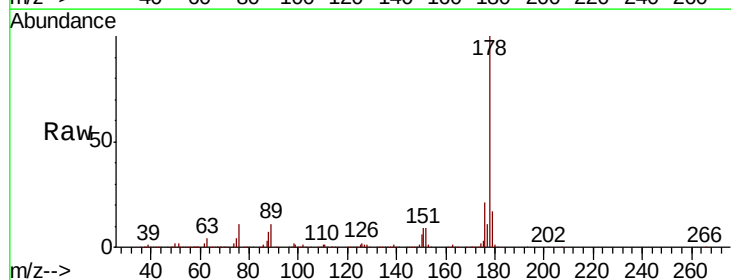
Instrument :
BNA_F
ClientSampleId :

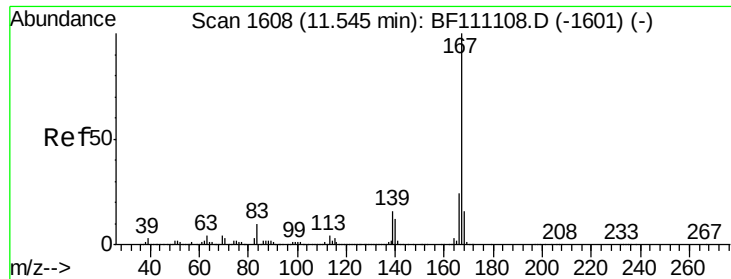
Tot Ion:178 Resp: 2975130
Ion Ratio Lower Upper
178 100
176 21.2 17.7 26.5
179 16.4 14.0 21.0



#72
Anthracene
Concen: 47.747 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:178 Resp: 3045570
Ion Ratio Lower Upper
178 100
176 20.9 17.3 25.9
179 16.8 13.8 20.8

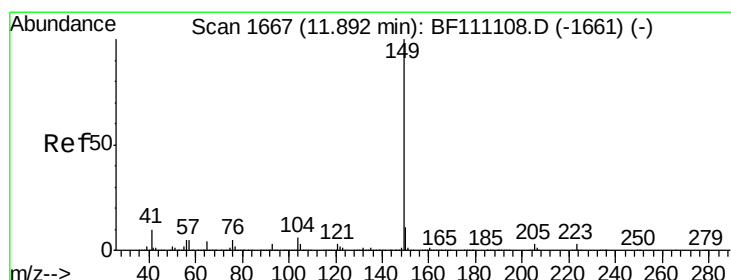
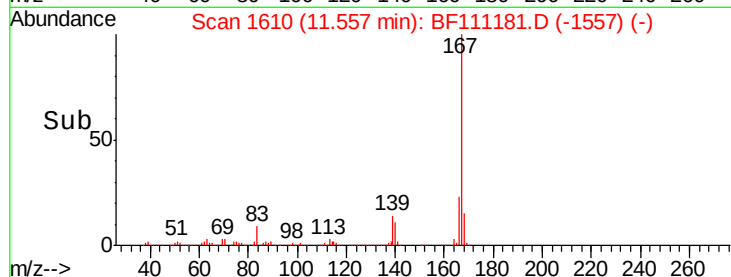
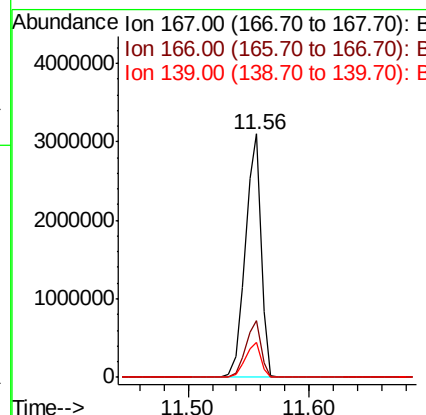
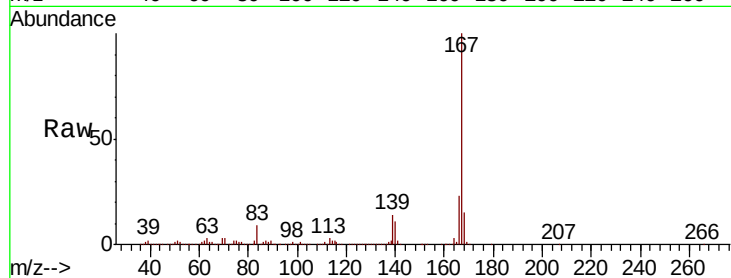




#73
 Carbazole
 Concen: 42.527 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

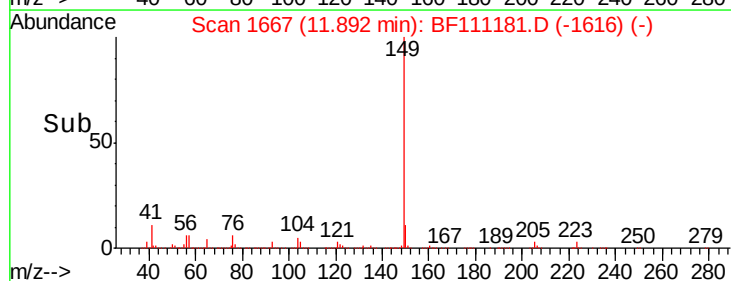
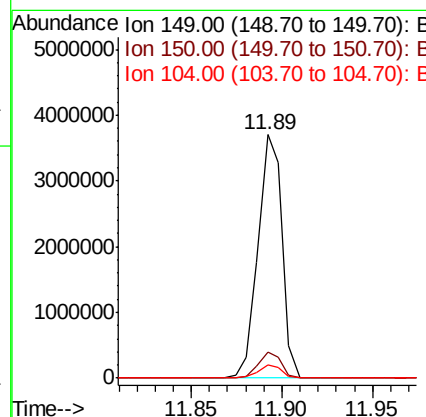
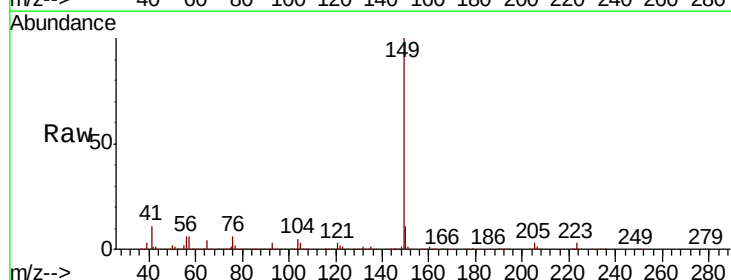
Instrument :
 BNA_F
 ClientSampleId :

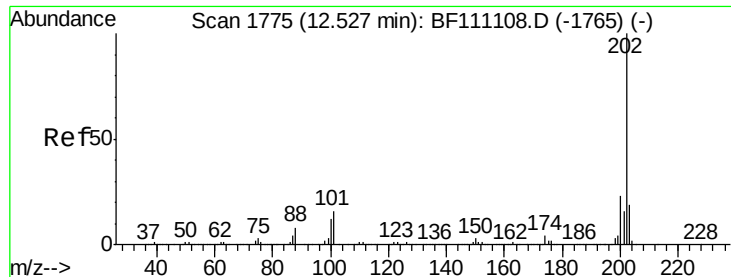
Tot Ion:167 Resp: 2822582
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.4 29.0
 139 14.3 12.6 18.8



#74
 Di-n-butylphthalate
 Concen: 43.635 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:149 Resp: 3390191
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.6 12.8
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 46.743 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

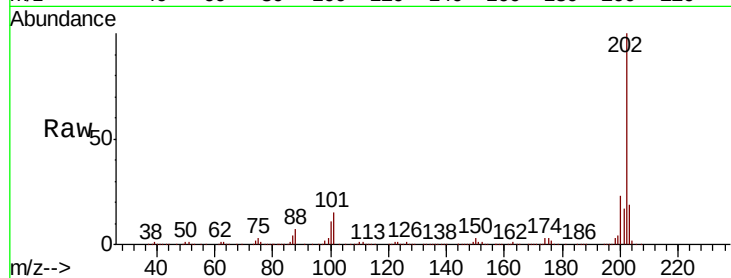
Tot Ion:202 Resp: 2894372

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.8

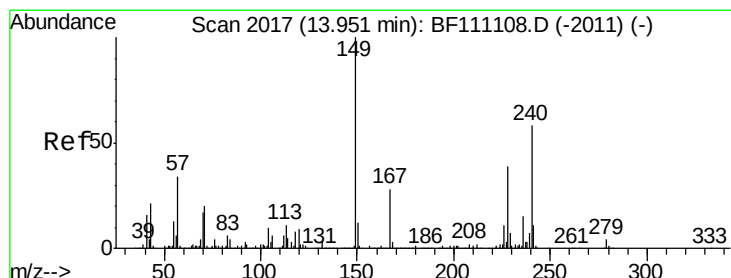
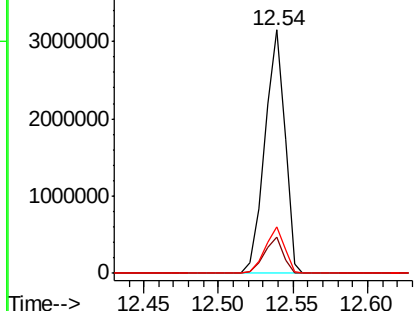
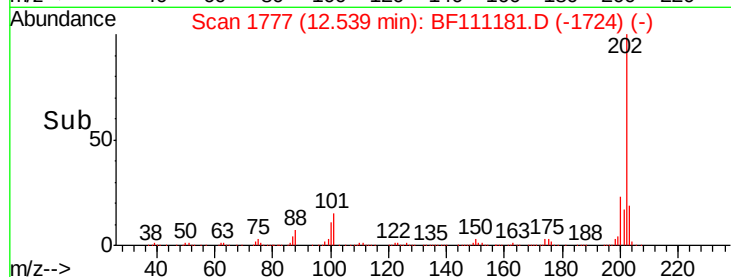
203 19.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

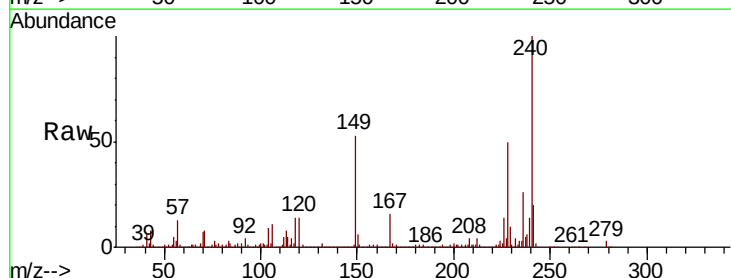
Tgt Ion:240 Resp: 823386

Ion Ratio Lower Upper

240 100

120 14.2 12.8 19.2

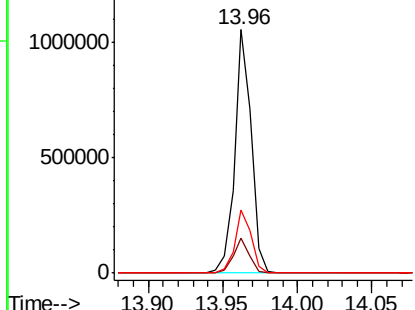
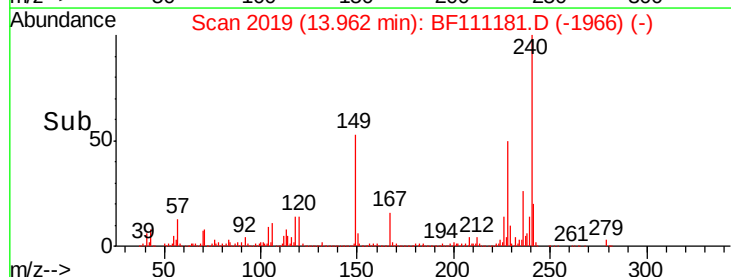
236 26.1 21.1 31.7

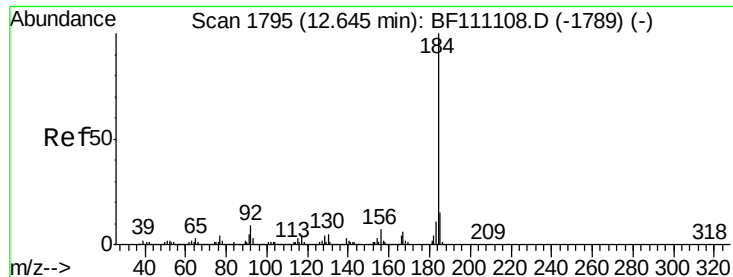


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.987 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

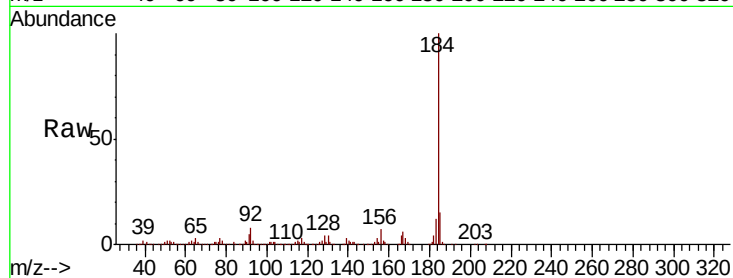
Tot Ion:184 Resp: 1399997

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.0	18.0
183	11.8	8.9	13.3

184 100

185 15.0 12.0 18.0

183 11.8 8.9 13.3

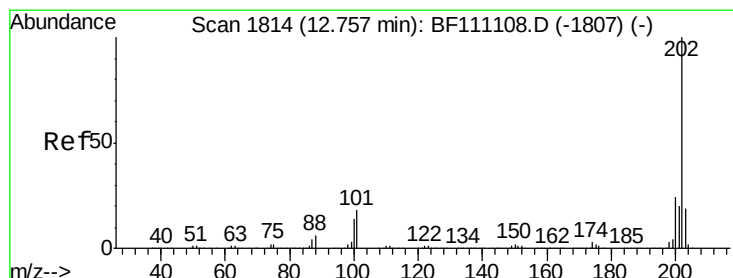
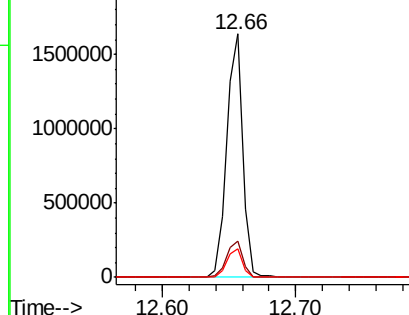
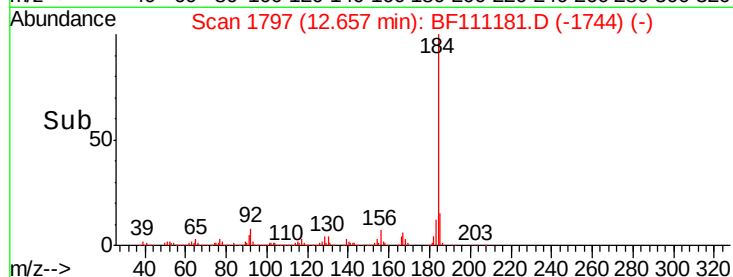


Abundance

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: 45.708 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

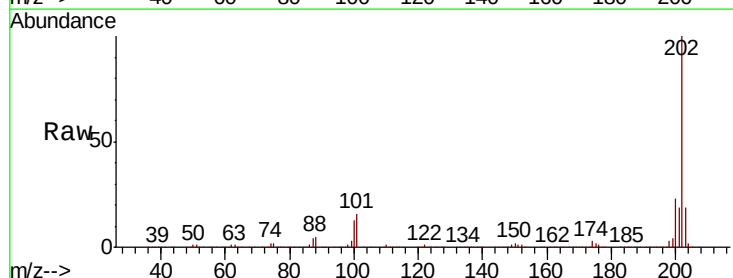
Tgt Ion:202 Resp: 2932060

Ion	Ratio	Lower	Upper
202	100		
200	23.4	19.3	28.9
203	18.8	15.4	23.2

202 100

200 23.4 19.3 28.9

203 18.8 15.4 23.2

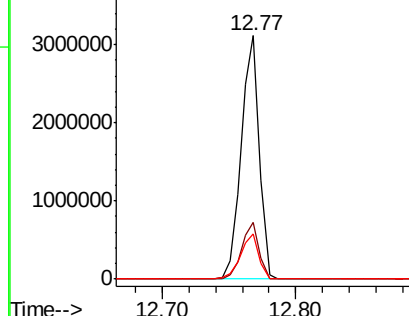
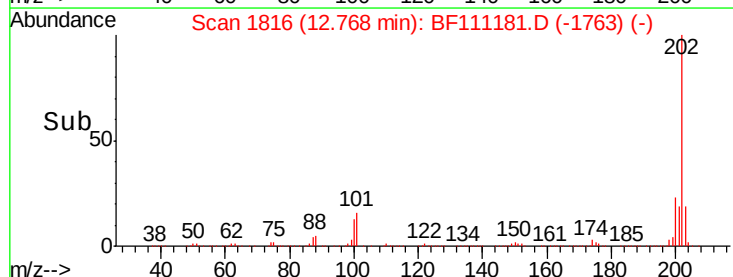


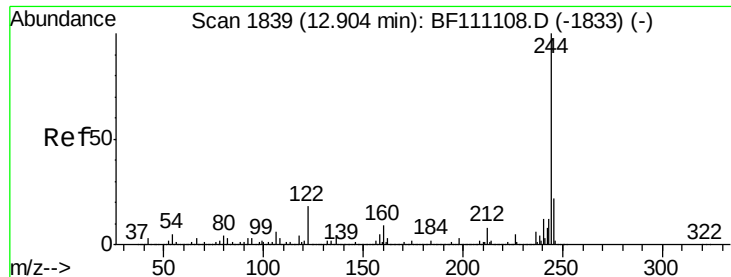
Abundance

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

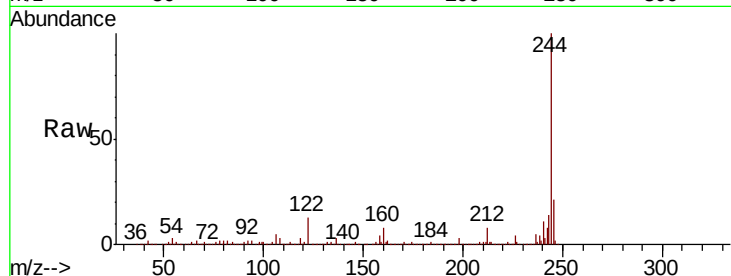




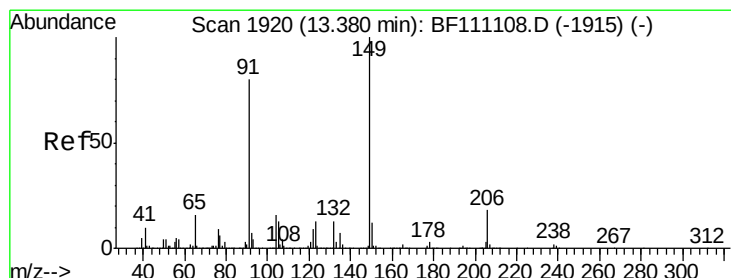
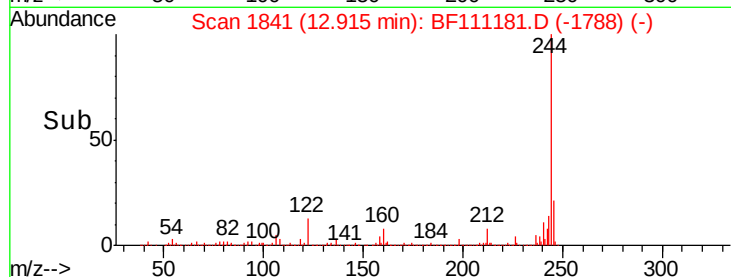
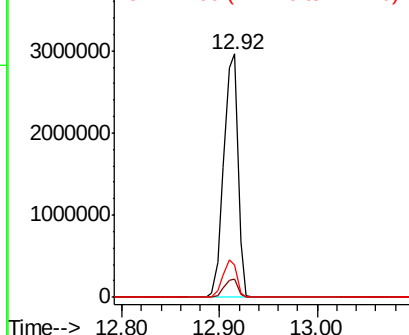
#79
 Terphenyl-d14
 Concen: 74.893 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3011055
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 13.4 14.2 21.2#

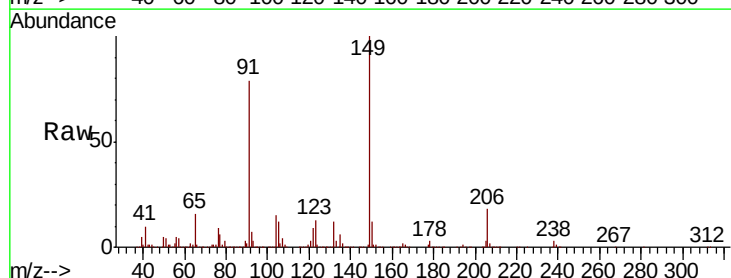


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

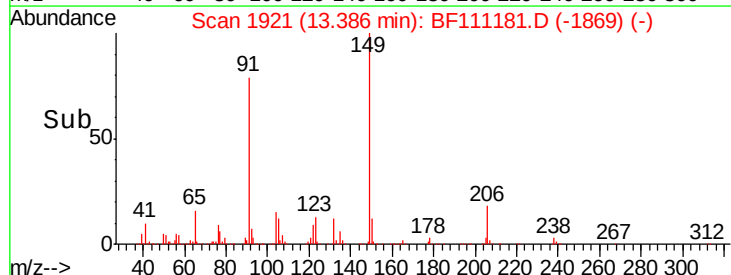
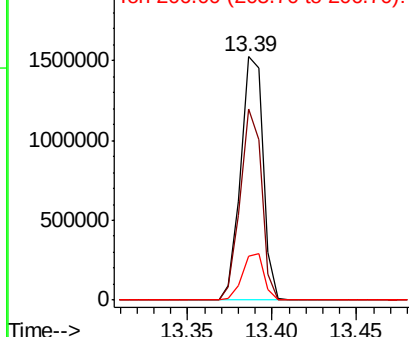


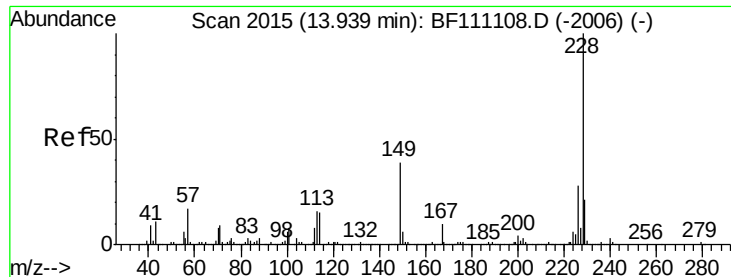
#80
 Butylbenzylphthalate
 Concen: 45.711 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:149 Resp: 1416533
 Ion Ratio Lower Upper
 149 100
 91 78.6 64.0 96.0
 206 17.8 14.1 21.1



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





#81

Benzo(a)anthracene

Concen: 44.294 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

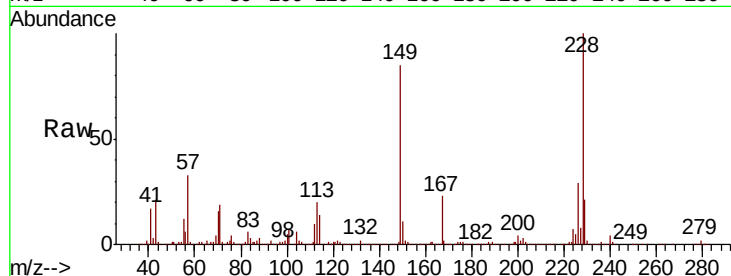
Tot Ion:228 Resp: 2136845

Ion Ratio Lower Upper

228 100

226 28.8 22.6 34.0

229 20.7 16.7 25.1

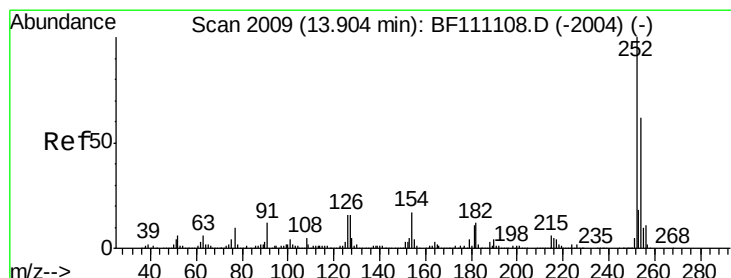
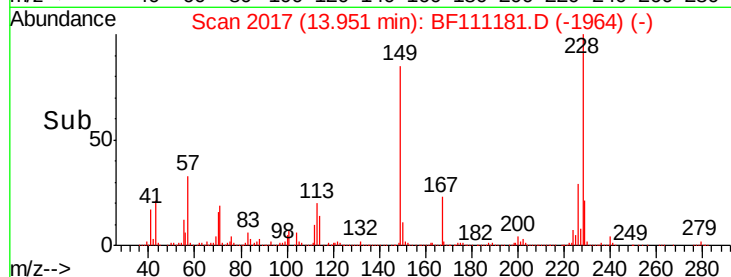
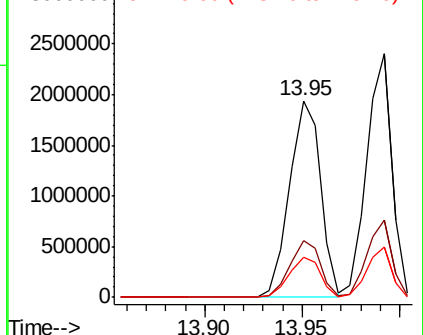


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.511 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

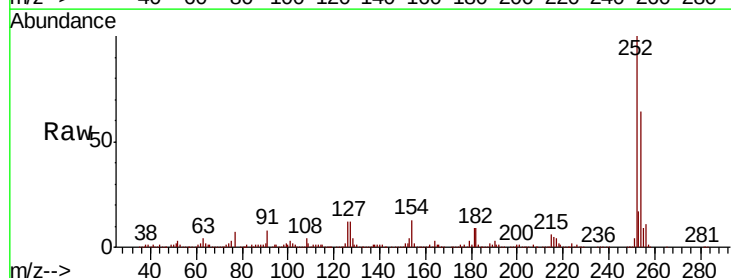
Tgt Ion:252 Resp: 500853

Ion Ratio Lower Upper

252 100

254 63.7 49.8 74.8

126 12.1 12.9 19.3#

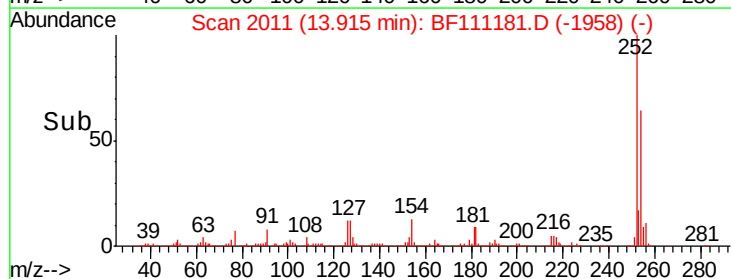
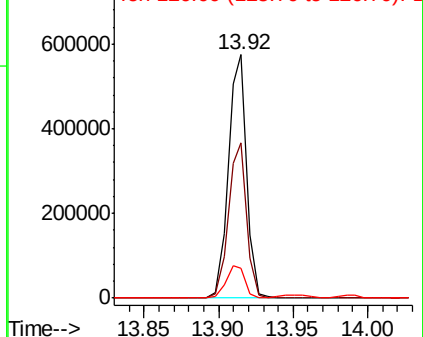


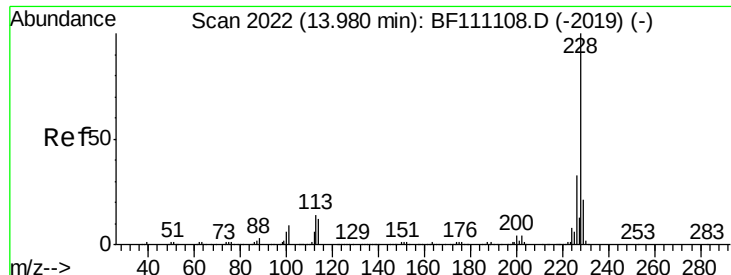
Abundance

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

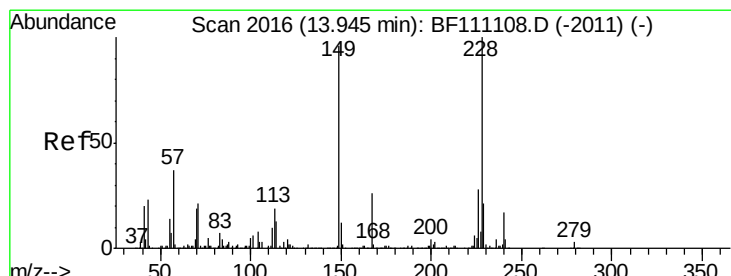
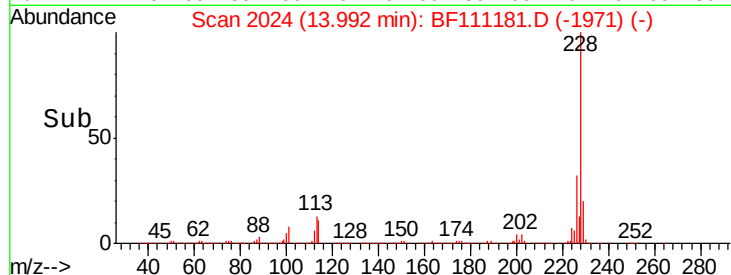
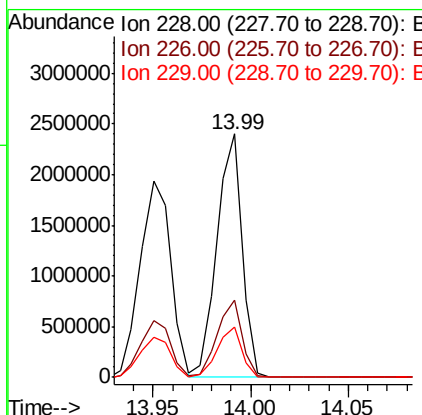
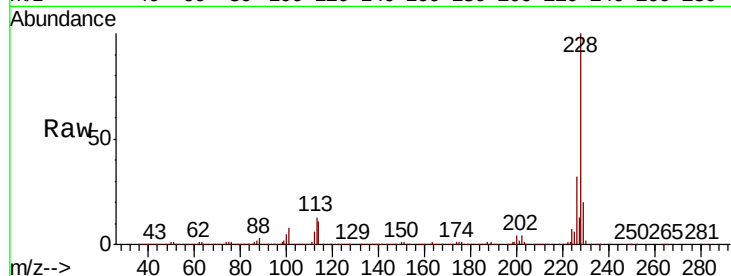




#83
 Chrysene
 Concen: 44.961 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

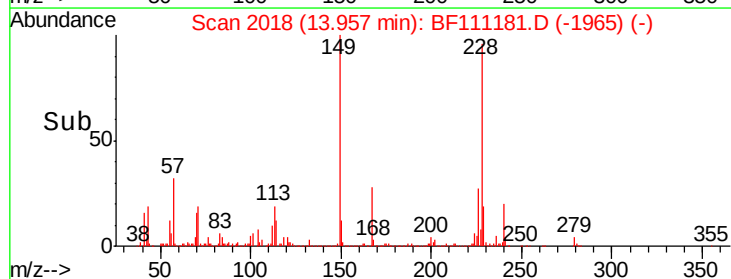
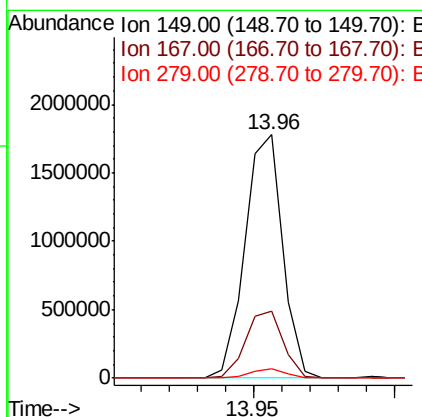
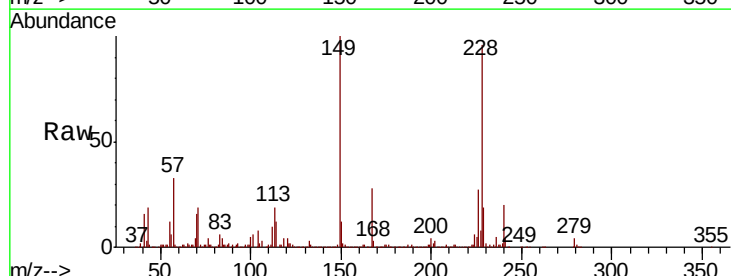
Instrument :
 BNA_F
 ClientSampleId :

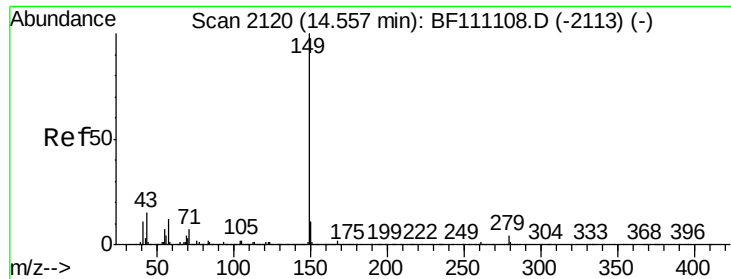
Tot Ion:228 Resp: 2153271
 Ion Ratio Lower Upper
 228 100
 226 31.5 26.2 39.2
 229 20.5 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.903 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:149 Resp: 1643315
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 3.6 2.3 3.5#

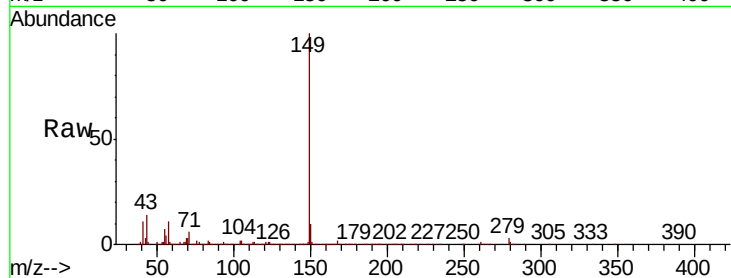




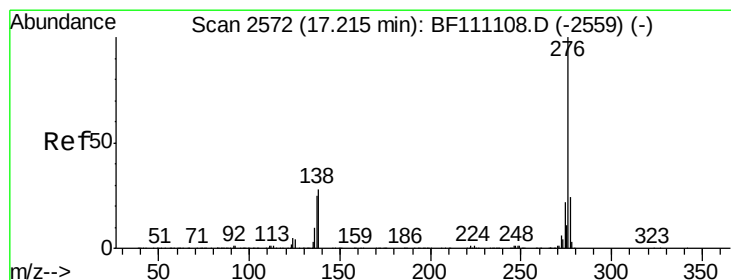
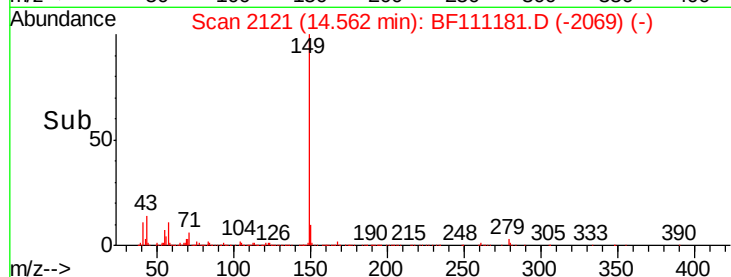
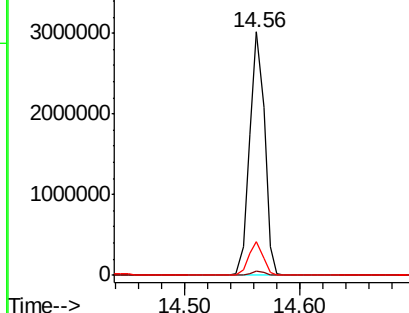
#85
Di-n-octyl phthalate
Concen: 45.663 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2686953
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.2 11.9 17.9

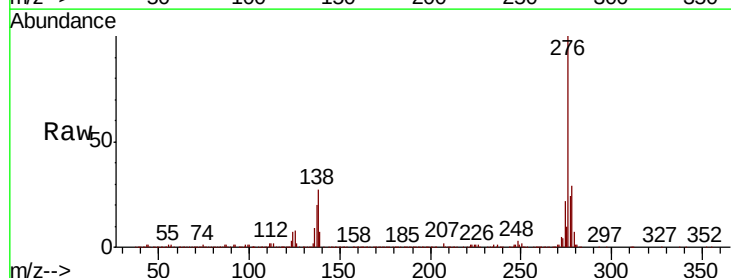


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

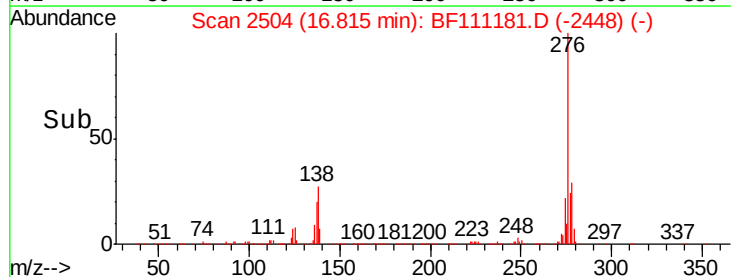
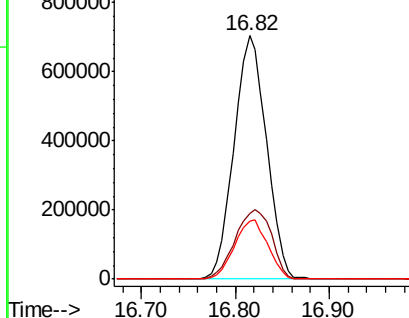


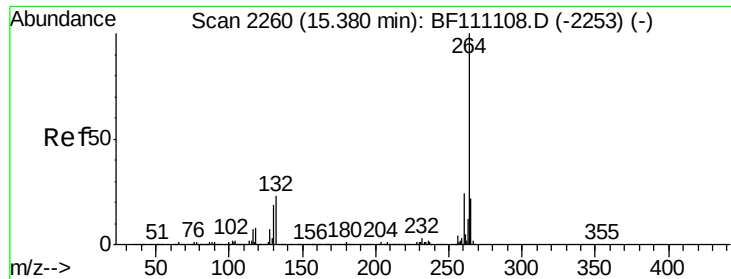
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.915 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:276 Resp: 1688634
Ion Ratio Lower Upper
276 100
138 32.1 20.2 30.4#
277 25.1 15.8 23.6#



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: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

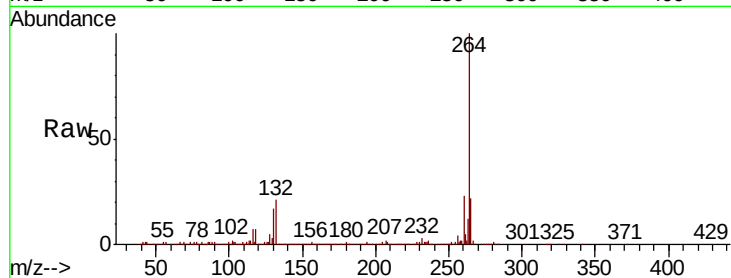
Tot Ion:264 Resp: 627534

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

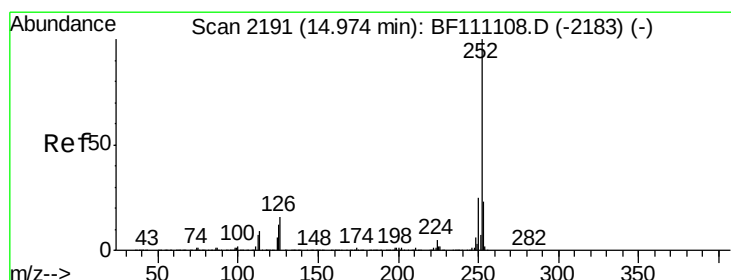
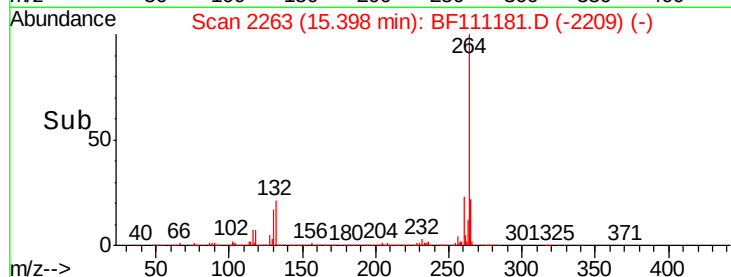
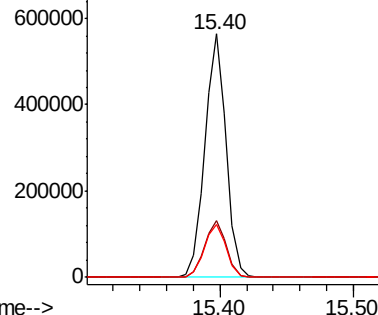
265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.930 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

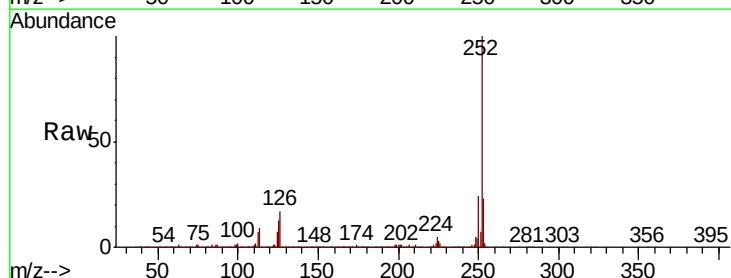
Tgt Ion:252 Resp: 1739886

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

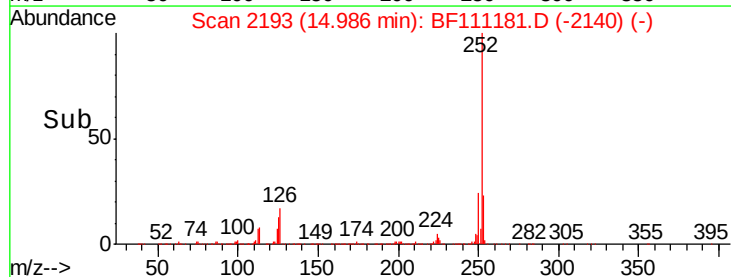
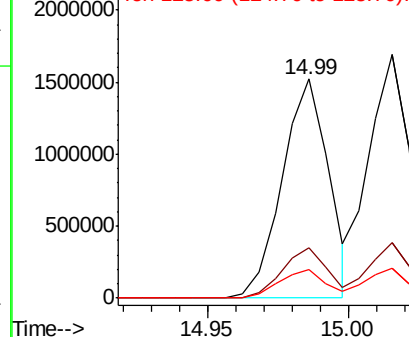
125 13.0 9.9 14.9

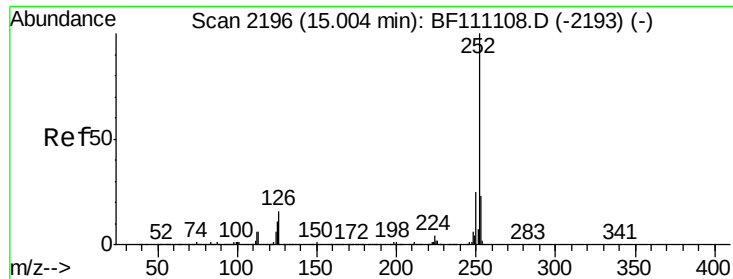


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

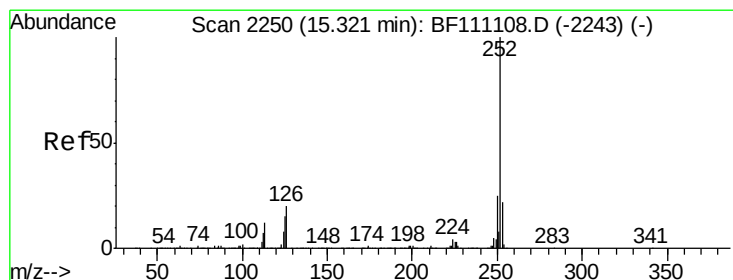
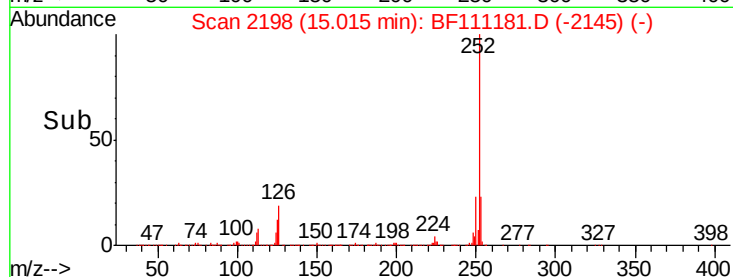
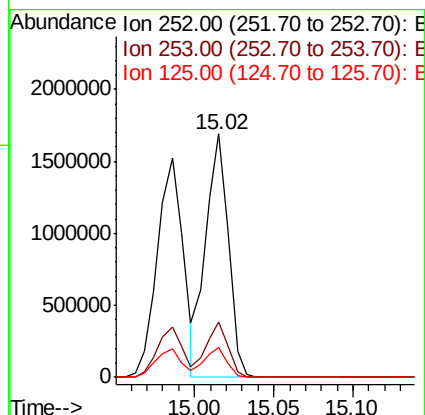
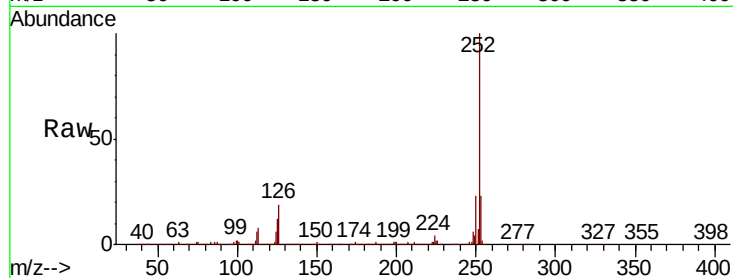




#89
Benzo(k)fluoranthene
Concen: 49.294 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

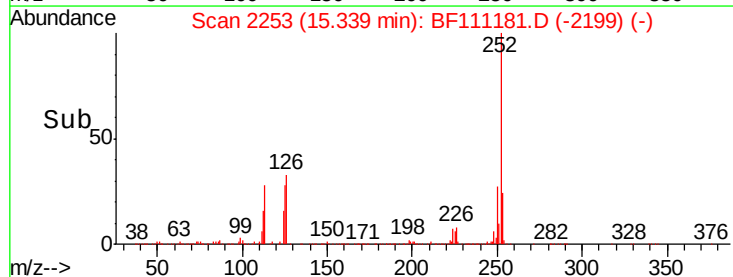
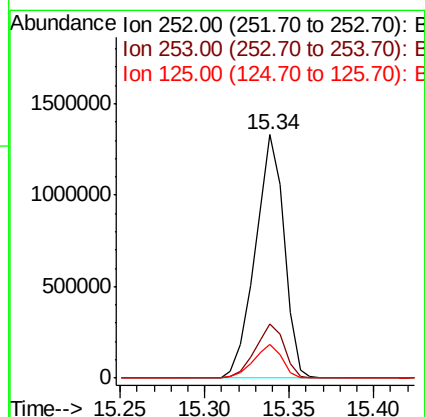
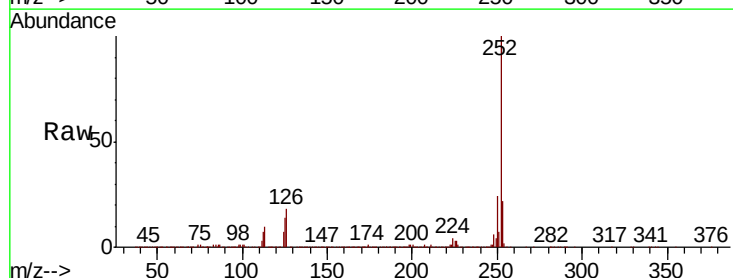
Instrument :
BNA_F
ClientSampleId :

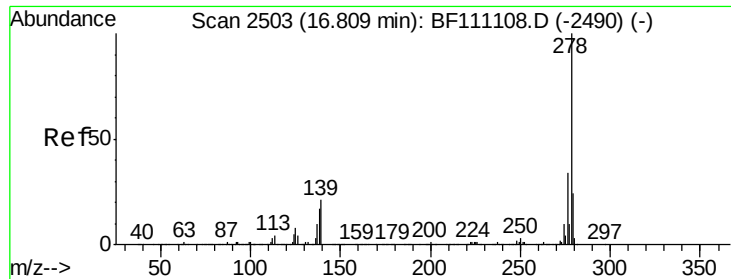
Tot Ion:252 Resp: 1694526
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.4 9.9 14.9



#90
Benzo(a)pyrene
Concen: 48.614 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:252 Resp: 1585606
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.9 12.4 18.6



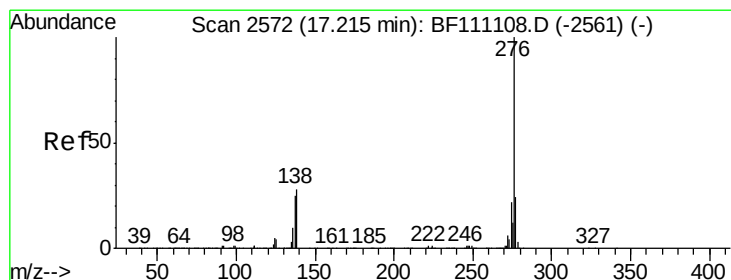
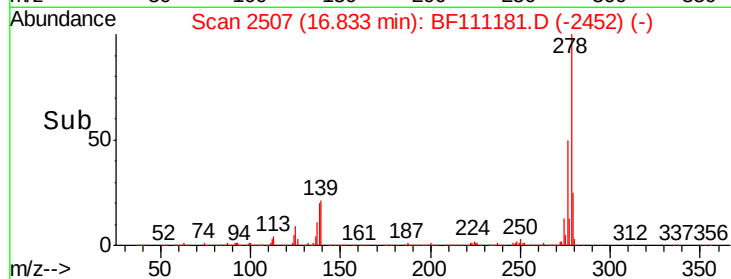
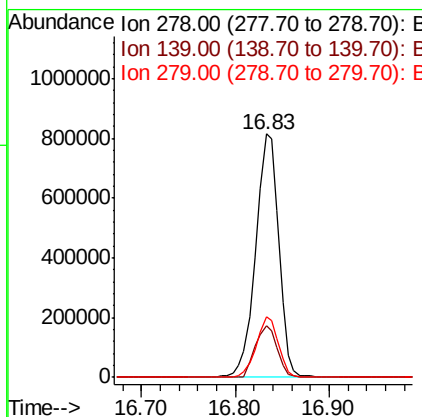
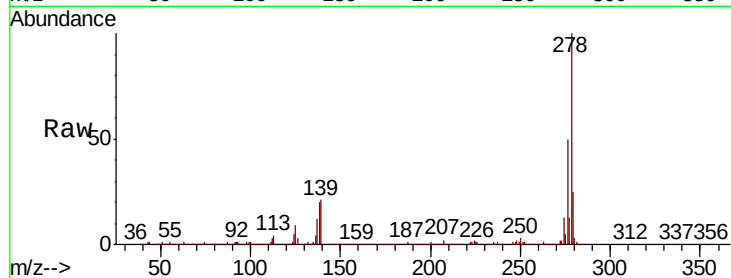


#91
Dibenzo(a,h)anthracene
Concen: 50.752 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1389111

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.6	25.0
279	24.9	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 52.573 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.03 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:276 Resp: 1446033

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	28.1	22.3	33.5

