

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111317.D
 Acq On : 12 Dec 2018 11:37
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 12:07:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	342485	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1408614	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	638700	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1083856	20.00	ng	0.00
76) Chrysene-d12	13.96	240	685559	20.00	ng	0.00
87) Perylene-d12	15.39	264	558867	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2003095	92.36	ng	0.00
7) Phenol-d6	6.43	99	2613250	96.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	2452971	97.67	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	538975	95.26	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3788202	93.56	ng	0.00
79) Terphenyl-d14	12.90	244	2986150	104.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	495037	44.484	ng	99
3) Pyridine	3.26	79	1307344	44.220	ng	98
4) n-Nitrosodimethylamine	3.20	42	592853	47.033	ng	92
6) Aniline	6.46	93	1696300	47.201	ng	99
8) 2-Chlorophenol	6.59	128	1203388	48.812	ng	95
9) Benzaldehyde	6.34	77	710737	42.488	ng	100
10) Phenol	6.45	94	1485647	47.138	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	1190710	48.850	ng	98
12) 1,3-Dichlorobenzene	6.74	146	1292997	48.811	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1309600	48.962	ng	100
14) 1,2-Dichlorobenzene	6.97	146	1191016	47.741	ng	99
15) Benzyl Alcohol	6.94	79	1017504	47.702	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	2291144	50.205	ng	99
17) 2-Methylphenol	7.06	107	990300	49.201	ng	98
18) Hexachloroethane	7.31	117	498735	48.975	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	868279	48.088	ng	97
20) 3+4-Methylphenols	7.21	107	1120583	46.807	ng	98
22) Acetophenone	7.21	105	1538845	47.745	ng	99
24) Nitrobenzene	7.38	77	1253487	47.956	ng	99
25) Isophorone	7.62	82	2069150	48.373	ng	98
26) 2-Nitrophenol	7.69	139	654223	50.376	ng	96
27) 2,4-Dimethylphenol	7.73	122	929720	46.329	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1414043	47.738	ng	99
29) 2,4-Dichlorophenol	7.94	162	983284	47.919	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	995533	49.254	ng	100
31) Naphthalene	8.10	128	3087881	50.228	ng	99
32) Benzoic acid	7.88	122	701115	42.249	ng	96
33) 4-Chloroaniline	8.15	127	1441083	48.805	ng	98
34) Hexachlorobutadiene	8.23	225	550897	49.376	ng	98
35) Caprolactam	8.54	113	347927	47.850	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	1039670	49.486	ng	98
37) 2-Methylnaphthalene	8.79	142	2020443	49.501	ng	100
38) 1-Methylnaphthalene	8.89	142	1948489	48.747	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	864041	48.618	ng	100

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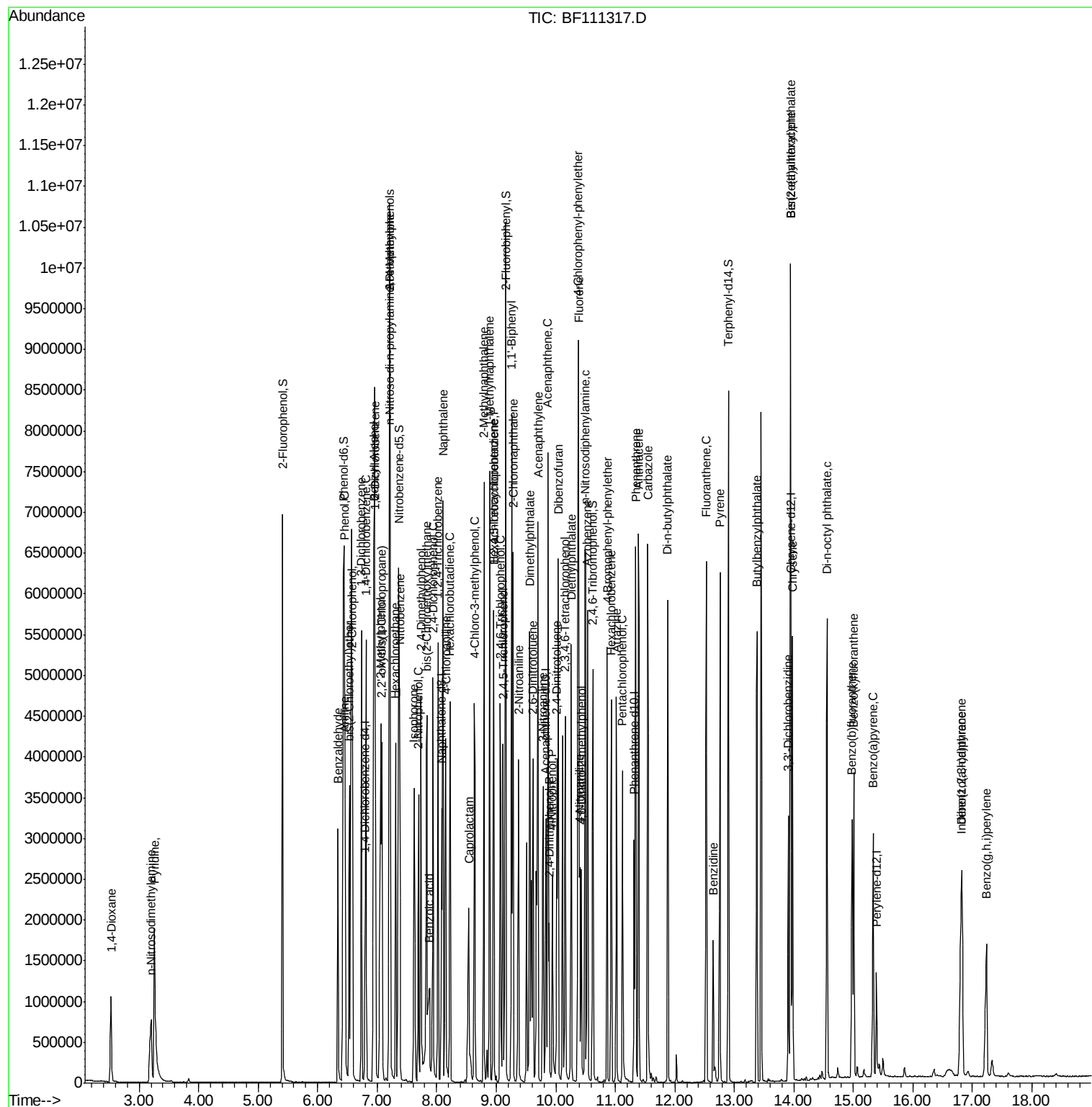
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	475875	47.018	ng	97
43) 2,4,6-Trichlorophenol	9.07	196	631387	47.329	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	684272	49.240	ng	95
46) 1,1'-Biphenyl	9.26	154	2573393	47.931	ng	99
47) 2-Chloronaphthalene	9.28	162	2023631	48.422	ng	99
48) 2-Nitroaniline	9.37	65	696746	48.873	ng	96
49) Acenaphthylene	9.70	152	2908386	47.938	ng	98
50) Dimethylphthalate	9.56	163	2219536	47.097	ng	99
51) 2,6-Dinitrotoluene	9.62	165	517972	49.769	ng	99
52) Acenaphthene	9.87	154	1865757	49.005	ng	98
53) 3-Nitroaniline	9.79	138	620435	48.297	ng	100
54) 2,4-Dinitrophenol	9.89	184	216890	52.736	ng	93
55) Dibenzofuran	10.04	168	2654399	51.247	ng	100
56) 4-Nitrophenol	9.95	139	460808	46.058	ng	99
57) 2,4-Dinitrotoluene	10.02	165	665564	51.875	ng	98
58) Fluorene	10.39	166	1866878	46.576	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	513165	48.717	ng	99
60) Diethylphthalate	10.26	149	2201321	48.995	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	922533	46.356	ng	98
62) 4-Nitroaniline	10.40	138	590619	48.591	ng	99
63) Azobenzene	10.53	77	2236290	47.941	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	328008	56.087	ng	86
66) n-Nitrosodiphenylamine	10.50	169	1849582	50.131	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	586278	49.386	ng	94
68) Hexachlorobenzene	10.93	284	602456	49.888	ng	94
69) Atrazine	11.02	200	531289	47.354	ng	98
70) Pentachlorophenol	11.12	266	435118	49.668	ng	98
71) Phenanthrene	11.35	178	2653684	48.541	ng	97
72) Anthracene	11.39	178	2692921	47.084	ng	97
73) Carbazole	11.55	167	2817729	47.115	ng	98
74) Di-n-butylphthalate	11.89	149	3173111	51.620	ng	98
75) Fluoranthene	12.53	202	2567611	51.414	ng	98
77) Benzidine	12.64	184	713655	35.059	ng	100
78) Pyrene	12.76	202	2658356	54.263	ng	98
80) Butylbenzylphthalate	13.38	149	1284393	50.194	ng	93
81) Benzo(a)anthracene	13.94	228	1836690	48.022	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	676935	43.182	ng	96
83) Chrysene	13.98	228	1903017	48.264	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1534062	50.452	ng	99
85) Di-n-octyl phthalate	14.56	149	2472865	48.522	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1539083	48.356	ng	97
88) Benzo(b)fluoranthene	14.98	252	1585484	51.299	ng	98
89) Benzo(k)fluoranthene	15.01	252	1519175	52.281	ng	99
90) Benzo(a)pyrene	15.33	252	1431475	50.296	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1271546	56.881	ng	96
92) Benzo(g,h,i)perylene	17.24	276	1298965	58.047	ng	96

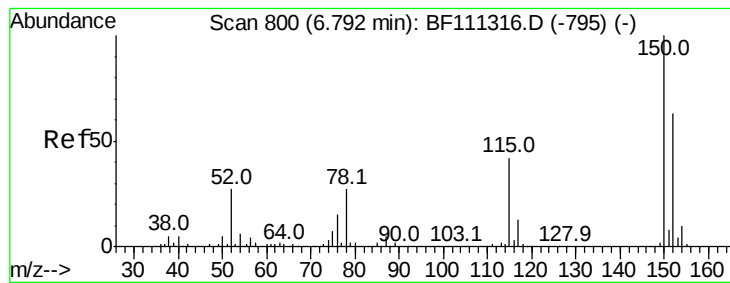
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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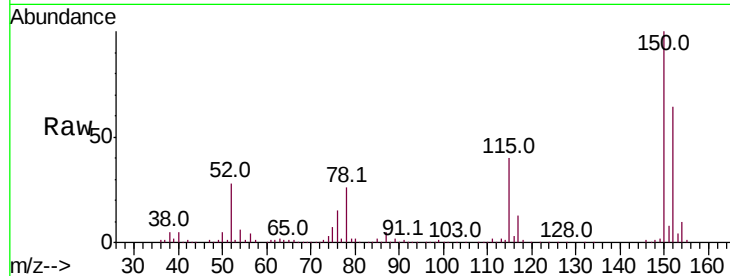


#1

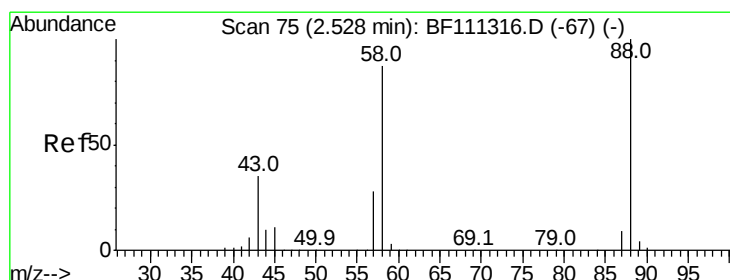
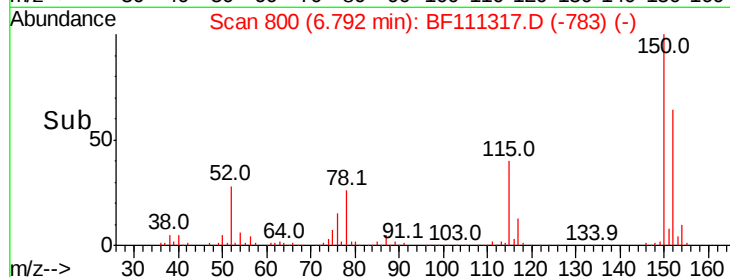
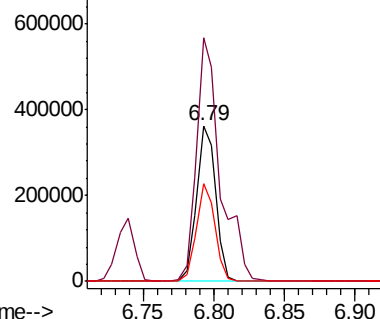
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	63.2	50.7	76.1



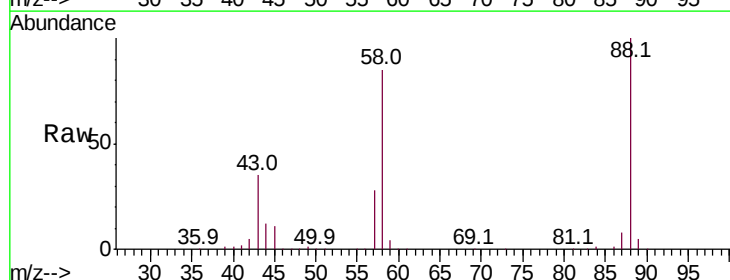
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



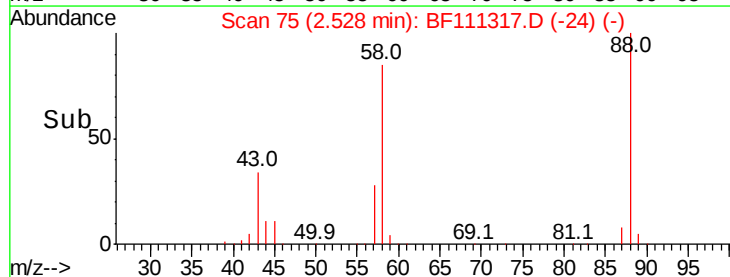
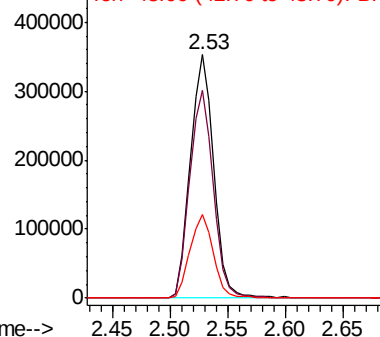
#2

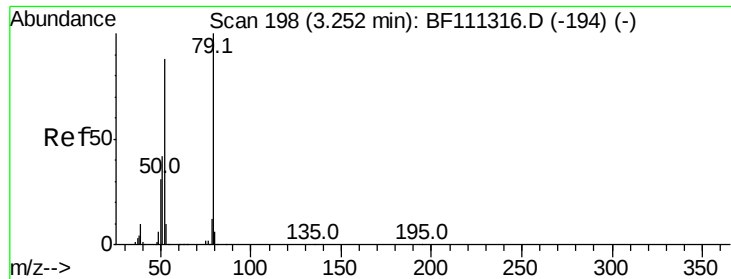
1,4-Dioxane
 Concen: 44.484 ng
 RT: 2.53 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.9	103.3
43	34.4	25.8	38.6



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





#3

Pvridine

Concen: 44.220 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

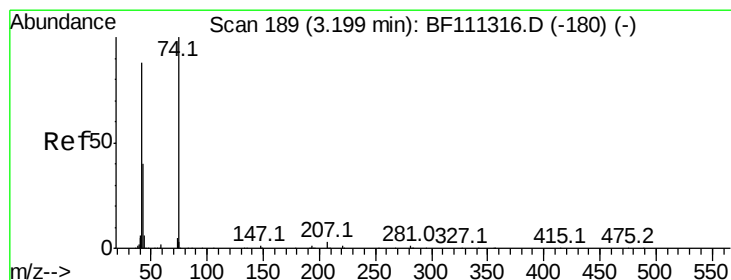
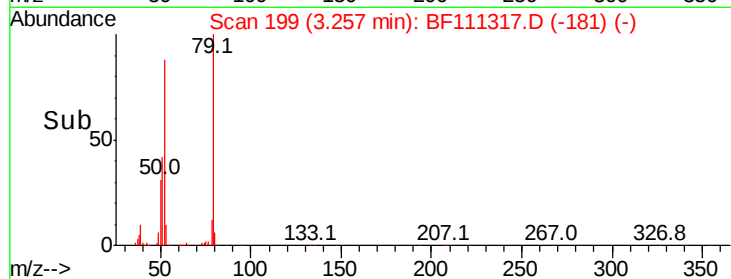
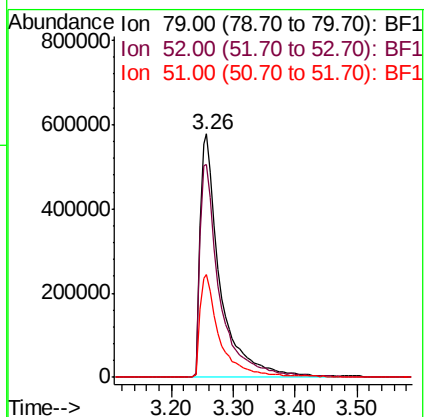
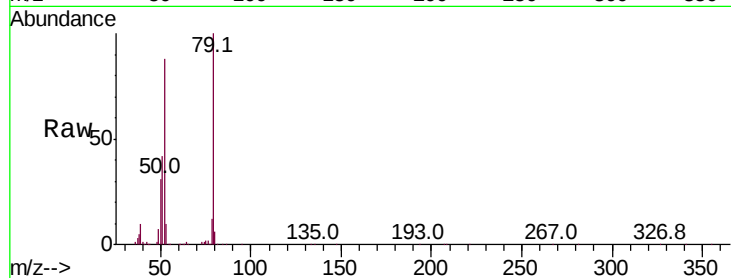
Tot Ion: 79 Resp: 1307344

Ion Ratio Lower Upper

79 100

52 87.7 68.3 102.5

51 42.3 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 47.033 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

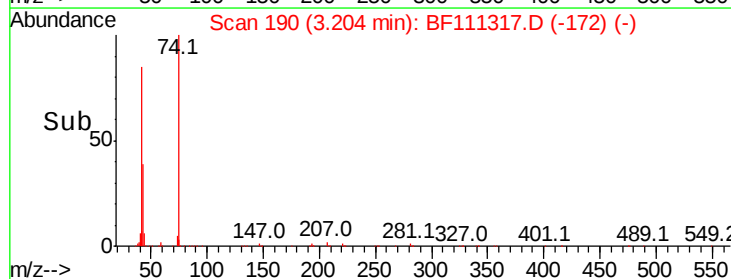
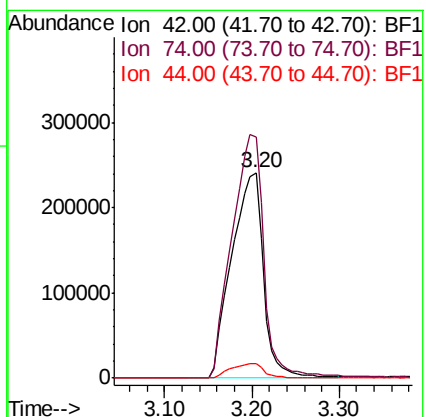
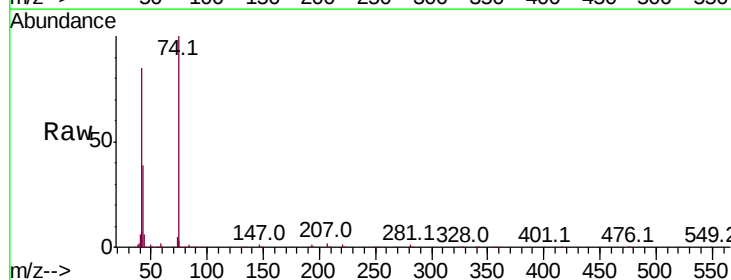
Tgt Ion: 42 Resp: 592853

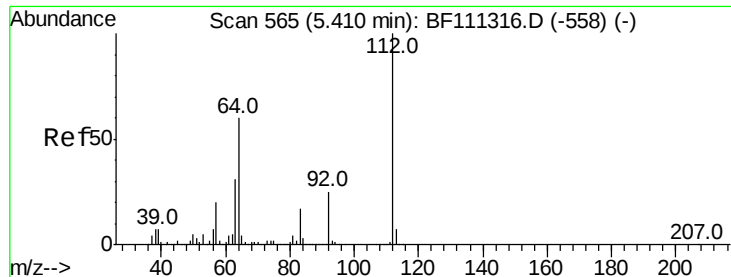
Ion Ratio Lower Upper

42 100

74 117.5 101.5 152.3

44 7.2 6.0 9.0





#5

2-Fluorophenol

Concen: 92.355 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

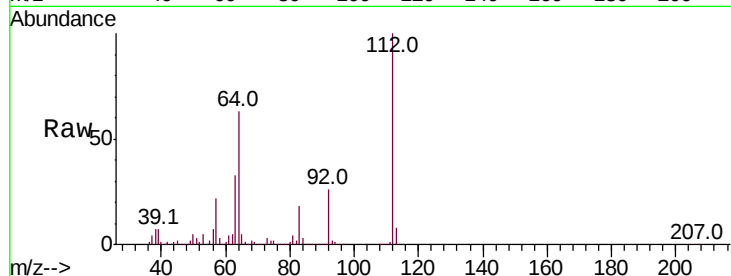
Tot Ion:112 Resp: 2003095

Ion Ratio Lower Upper

112 100

64 63.2 51.8 77.6

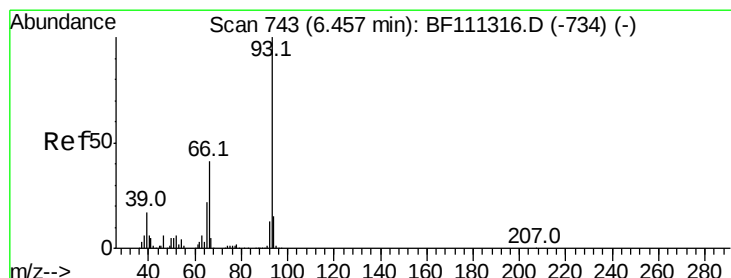
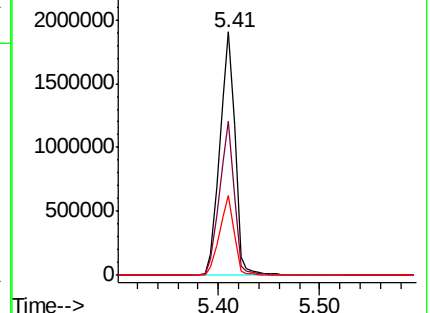
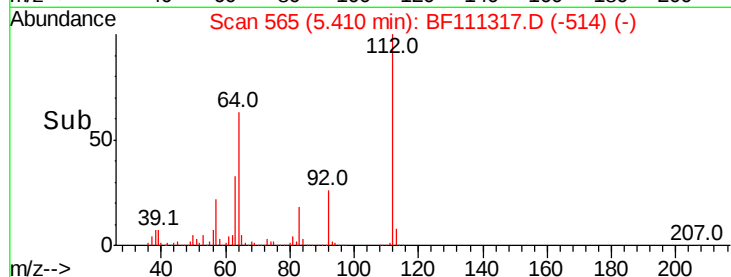
63 32.6 26.8 40.2



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: 47.201 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

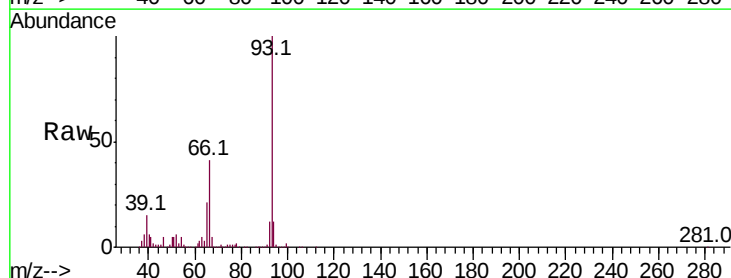
Tgt Ion: 93 Resp: 1696300

Ion Ratio Lower Upper

93 100

66 41.0 33.2 49.8

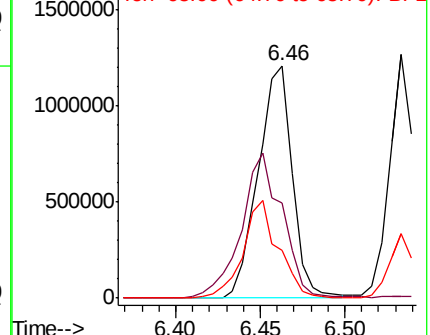
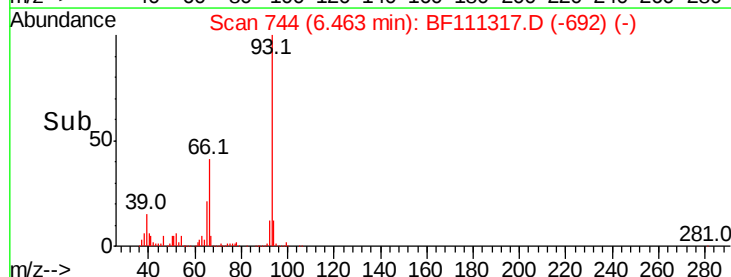
65 20.6 17.0 25.4

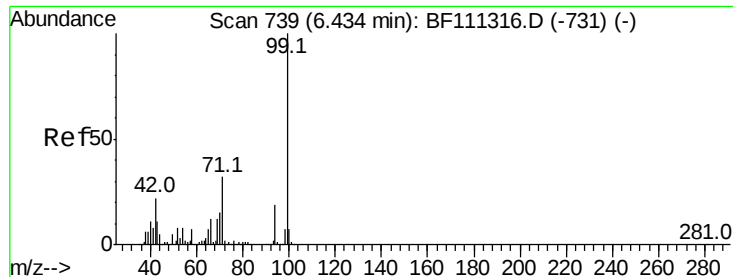


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.952 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

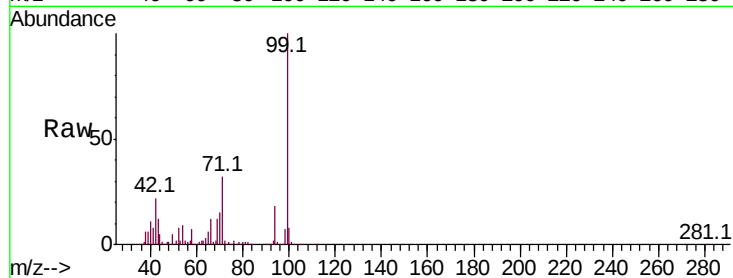
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2613250

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	31.8	26.1	39.1

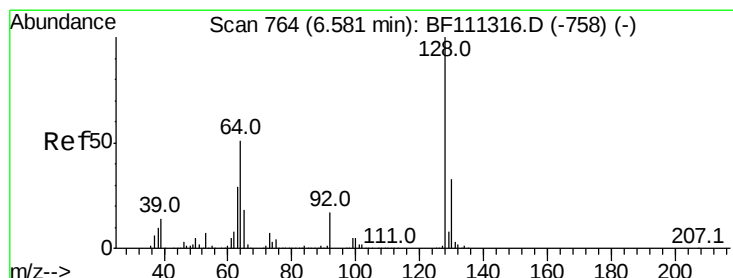
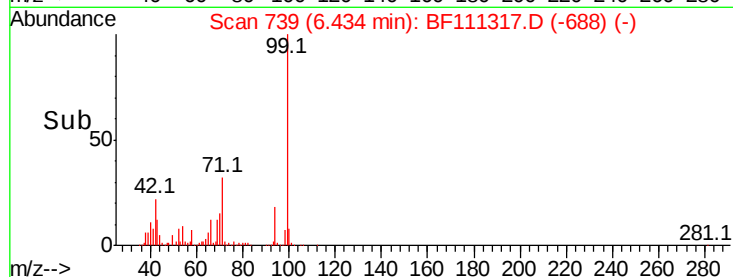


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.812 ng

RT: 6.59 min Scan# 765

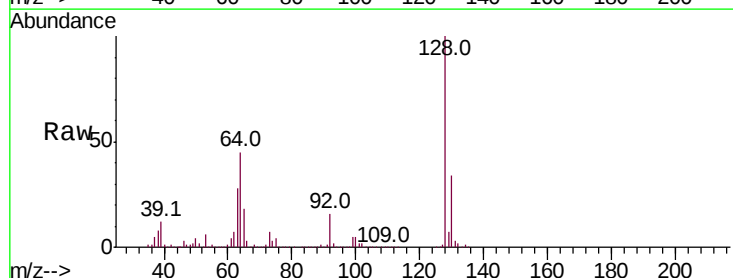
Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Tgt Ion:128 Resp: 1203388

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.7	52.7
64	45.3	30.0	70.0

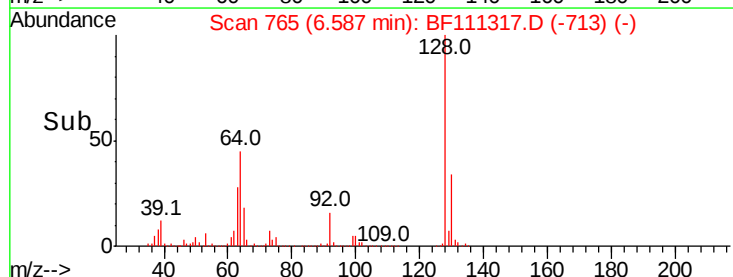


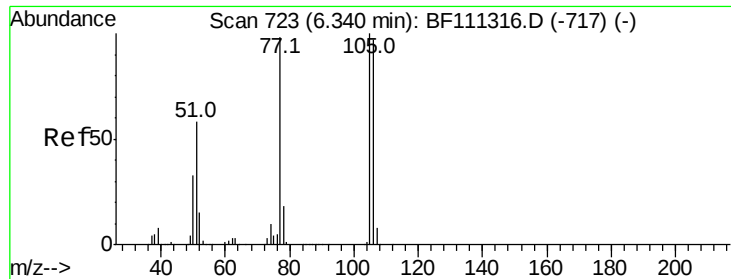
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

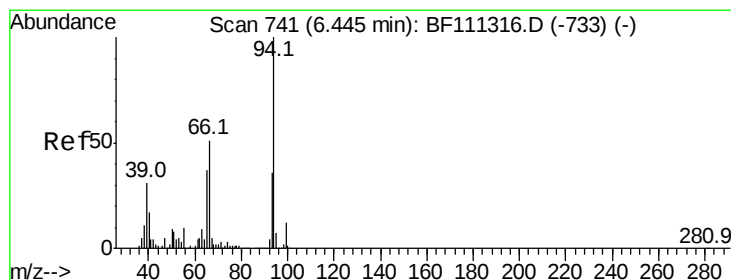
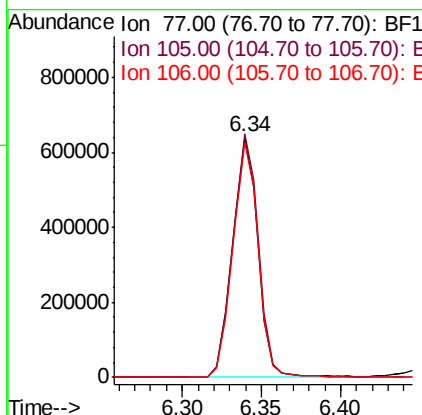
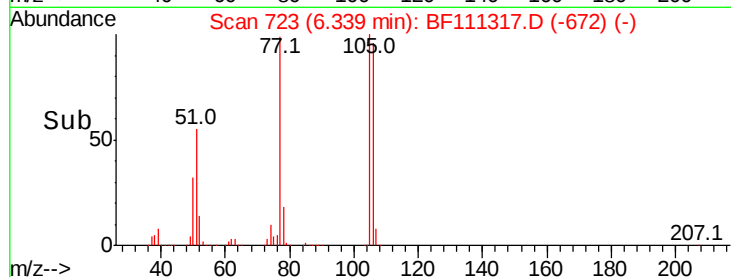
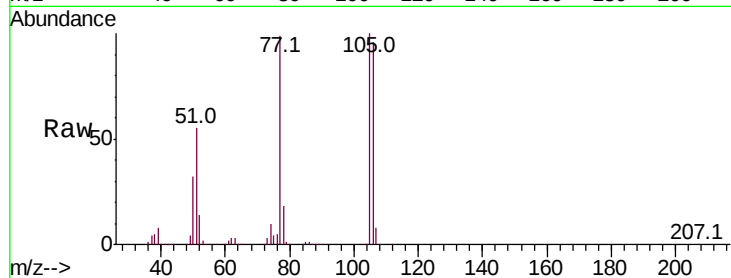




#9
Benzaldehyde
Concen: 42.488 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

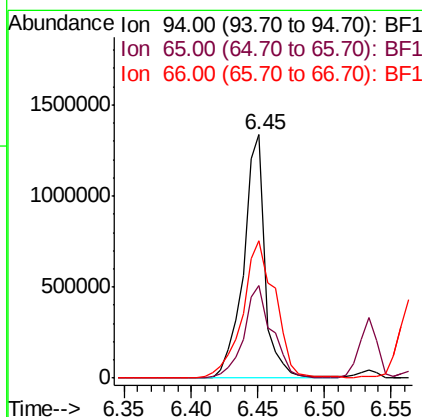
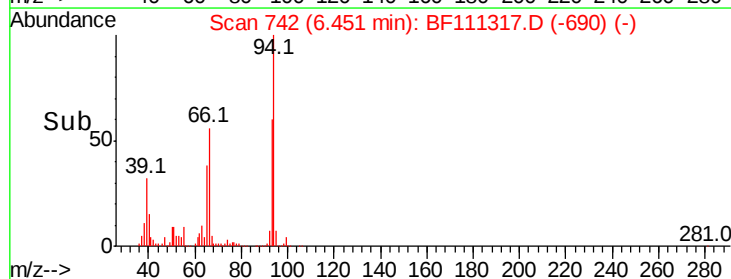
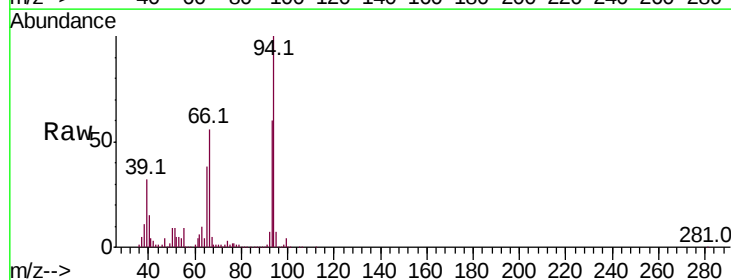
Instrument :
BNA_F
ClientSampleId :

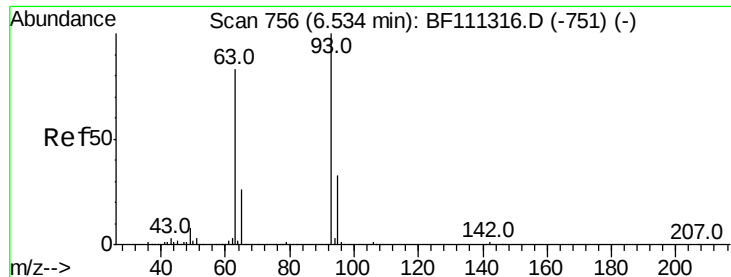
Tot Ion: 77 Resp: 710737
Ion Ratio Lower Upper
77 100
105 101.3 81.4 121.4
106 97.5 77.9 117.9



#10
Phenol
Concen: 47.138 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 94 Resp: 1485647
Ion Ratio Lower Upper
94 100
65 38.0 11.7 51.7
66 56.4 21.0 61.0

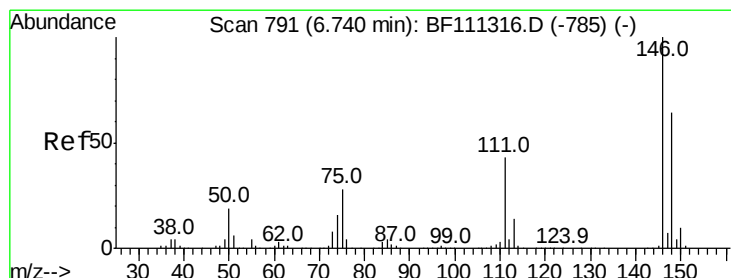
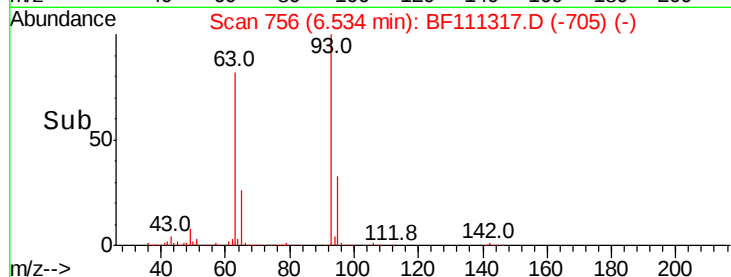
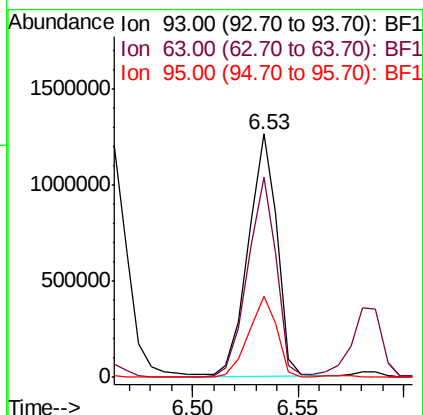
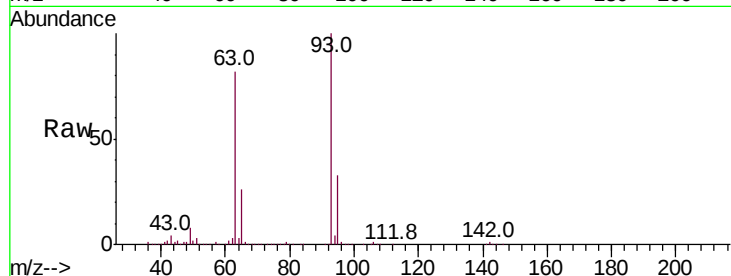




#11
bis(2-Chloroethyl)ether
Concen: 48.850 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

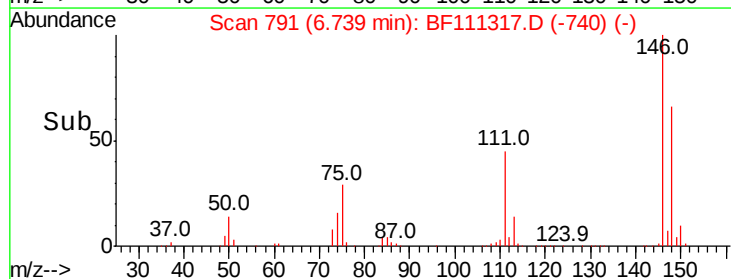
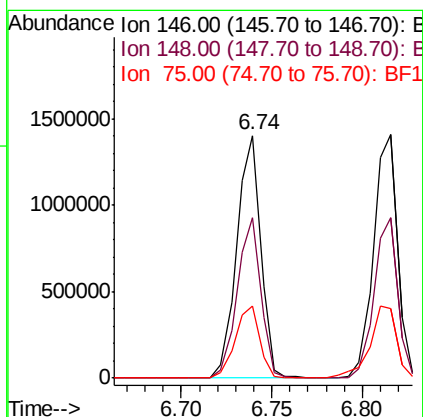
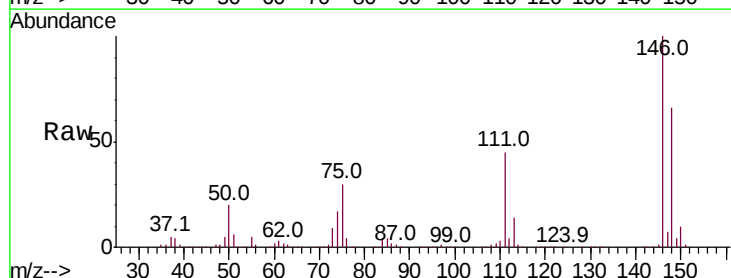
Instrument :
BNA_F
ClientSampleId :

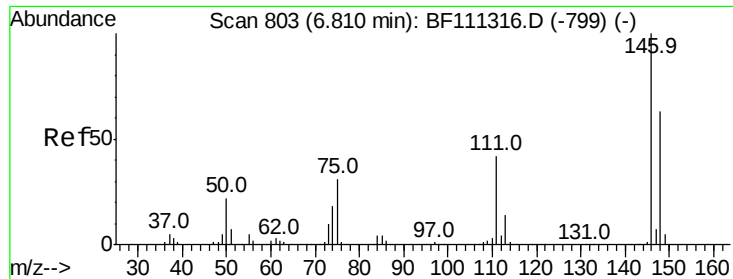
Tot Ion: 93 Resp: 1190710
Ion Ratio Lower Upper
93 100
63 82.3 60.0 100.0
95 33.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 48.811 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 146 Resp: 1292997
Ion Ratio Lower Upper
146 100
148 66.0 52.1 78.1
75 29.9 23.9 35.9

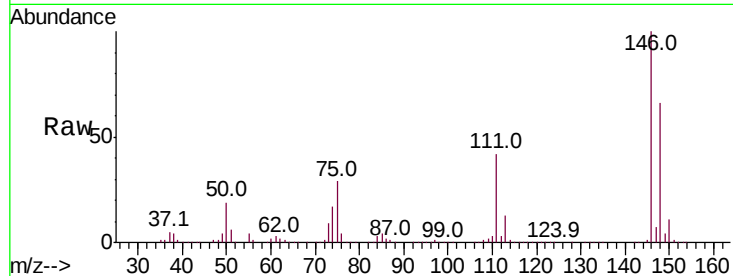




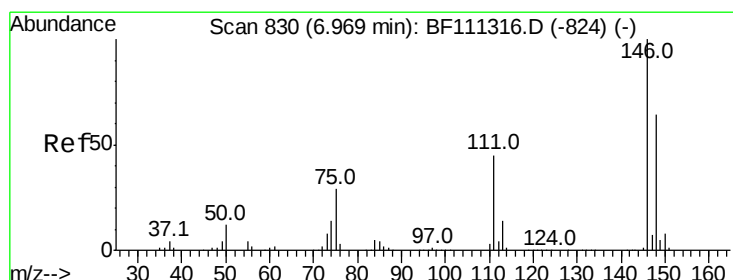
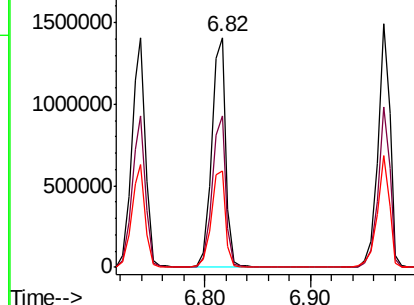
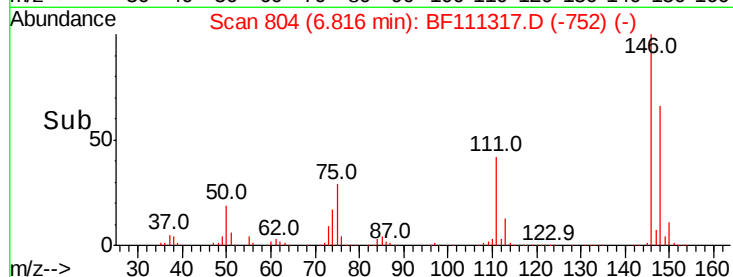
#13
 1,4-Dichlorobenzene
 Concen: 48.962 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1309600
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.8 79.2
 111 41.6 33.4 50.0

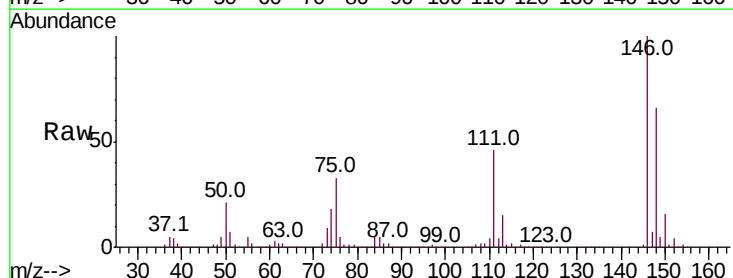


Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

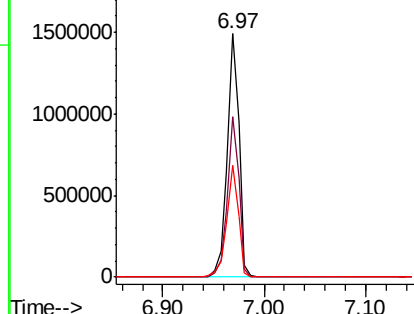
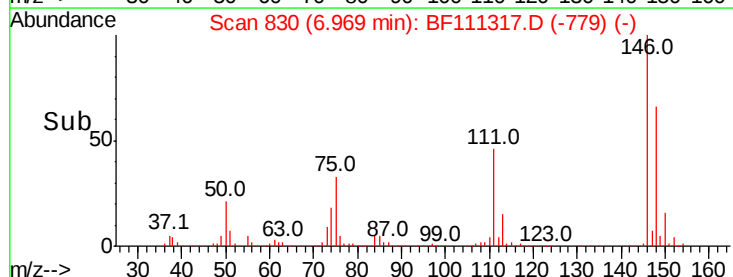


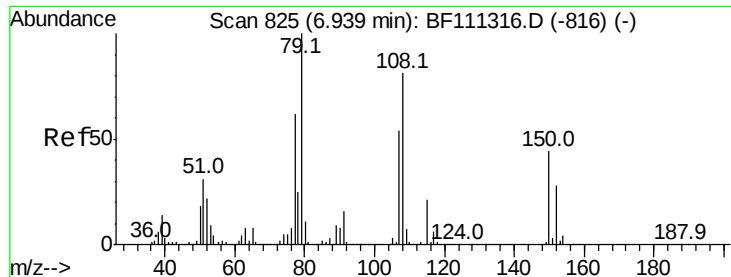
#14
 1,2-Dichlorobenzene
 Concen: 47.741 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:146 Resp: 1191016
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 46.1 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.702 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampled :

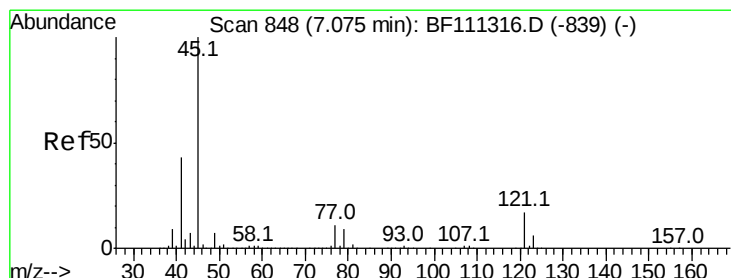
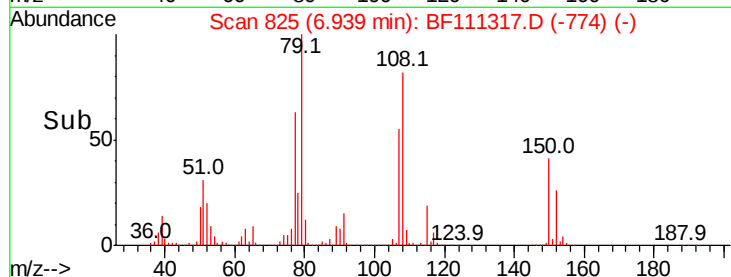
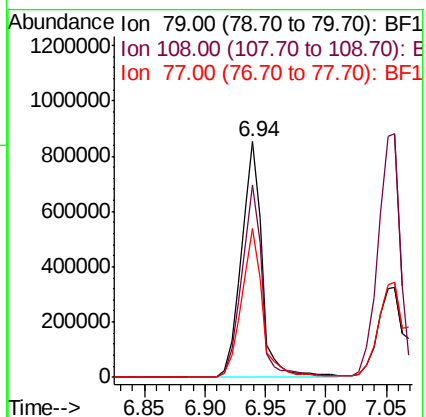
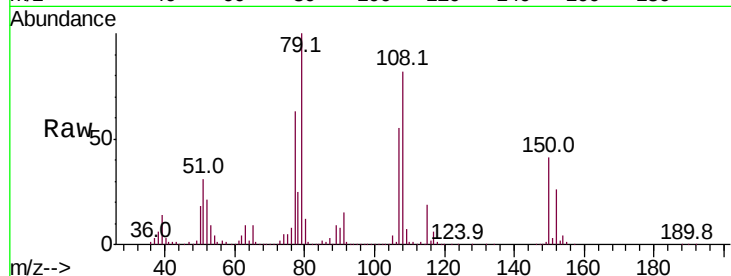
Tot Ion: 79 Resp: 1017504

Ion Ratio Lower Upper

79 100

108 81.6 69.4 104.2

77 63.1 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.205 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

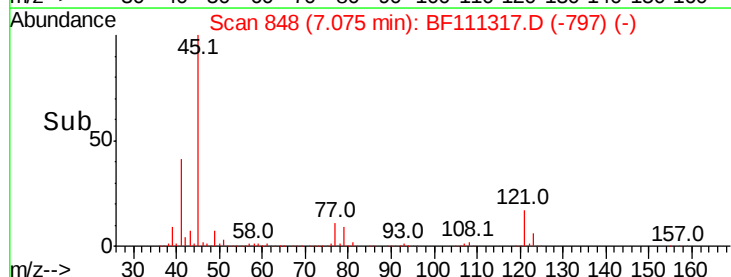
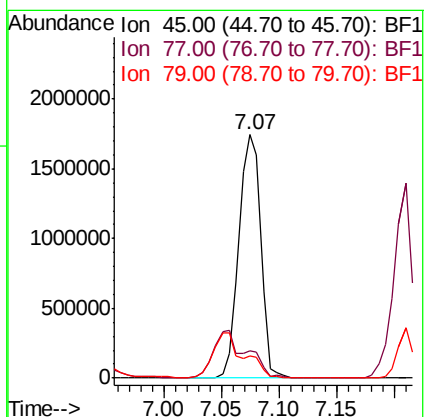
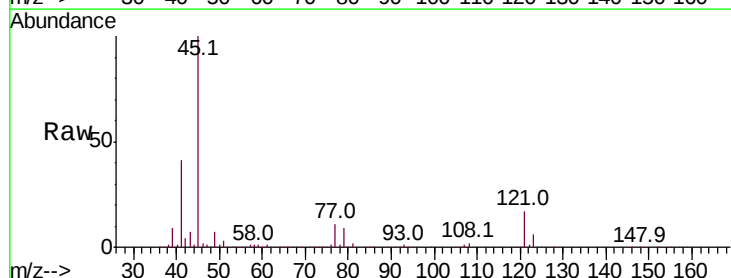
Tgt Ion: 45 Resp: 2291144

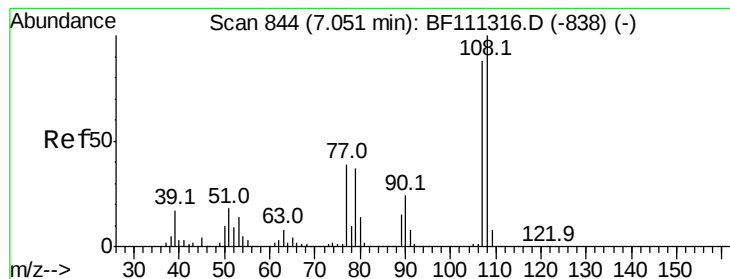
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

79 9.1 0.0 28.9





#17

2-Methylphenol

Concen: 49.201 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 990300

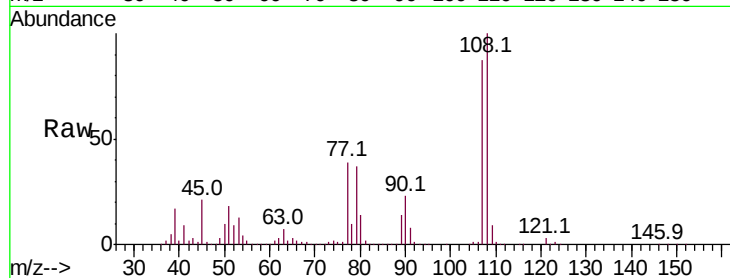
Ion Ratio Lower Upper

107 100

108 115.1 91.0 136.4

77 45.0 33.5 50.3

79 42.8 33.3 49.9

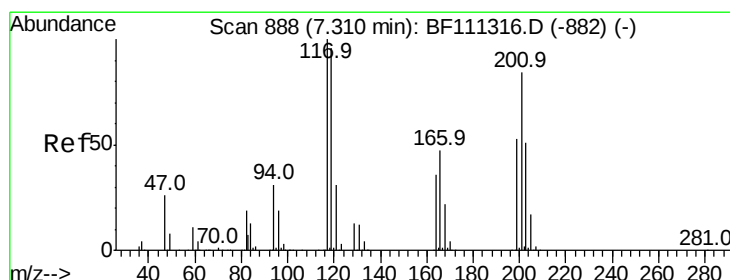
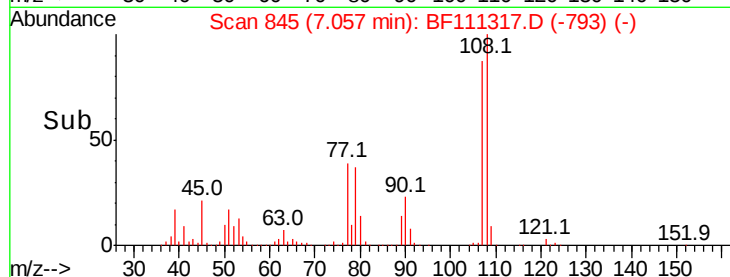
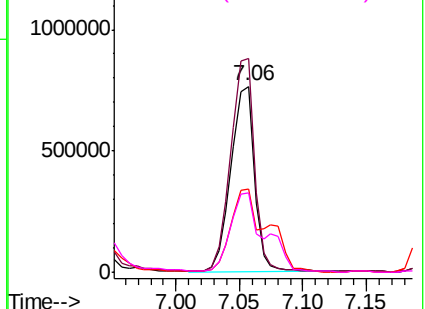


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.975 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

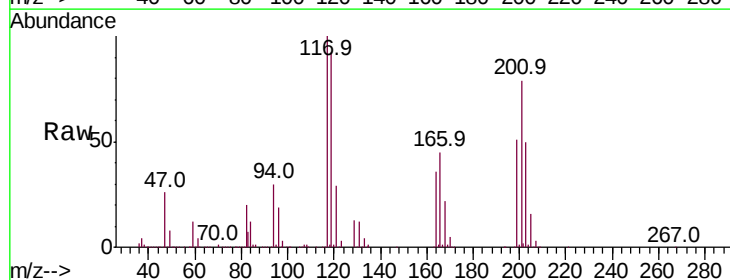
Tgt Ion:117 Resp: 498735

Ion Ratio Lower Upper

117 100

119 92.5 75.4 113.0

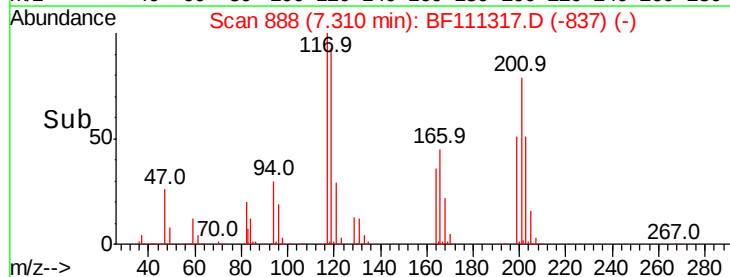
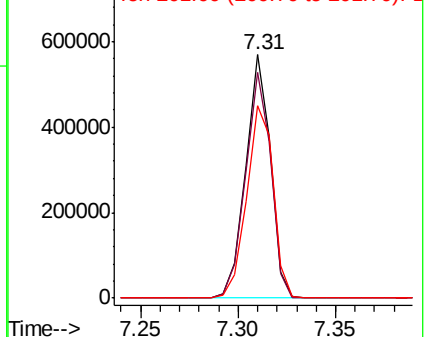
201 79.2 62.4 93.6

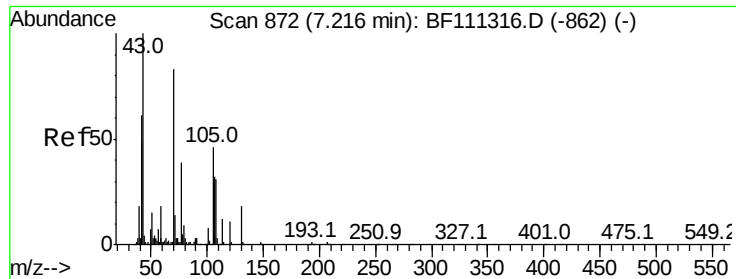


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

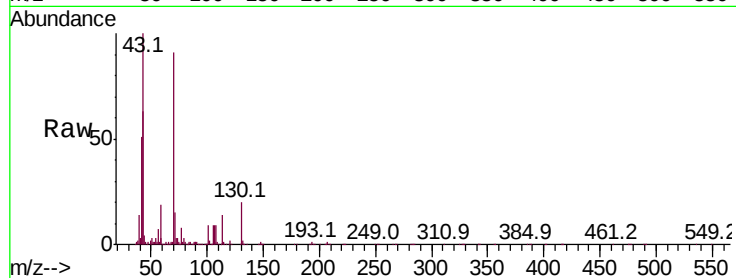




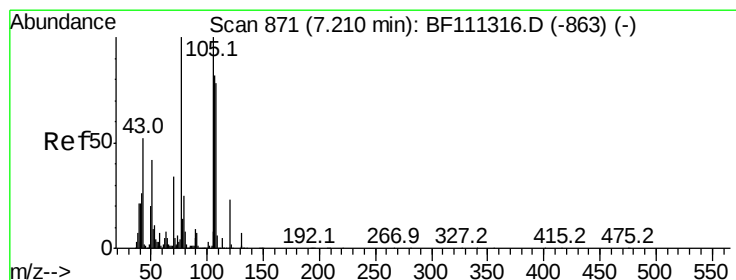
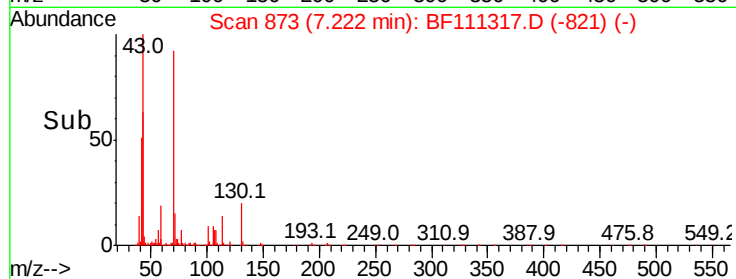
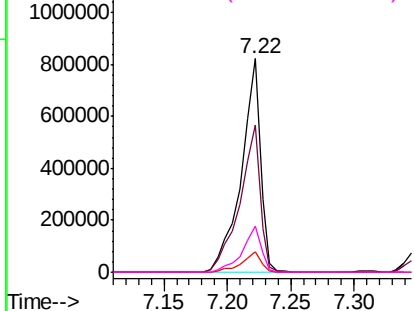
#19
n-Nitroso-di-n-propylamine
Concen: 48.088 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 868279
Ion Ratio Lower Upper
70 100
42 69.2 53.2 79.8
101 9.5 8.2 12.4
130 21.6 18.1 27.1

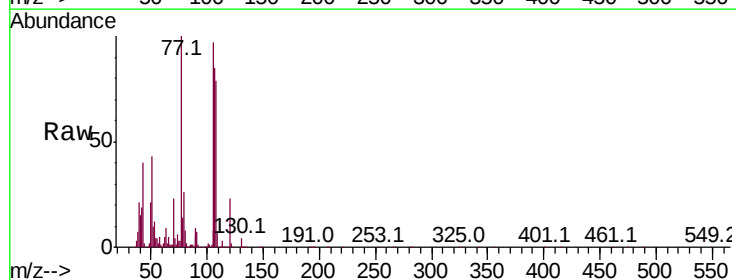


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

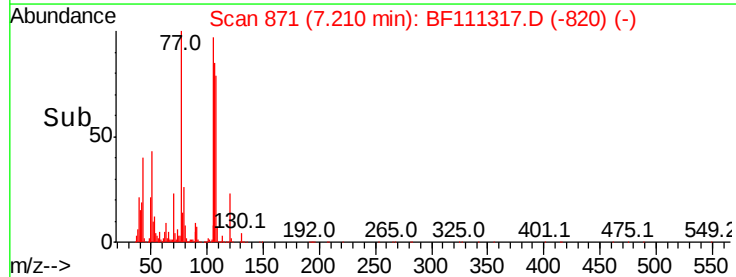
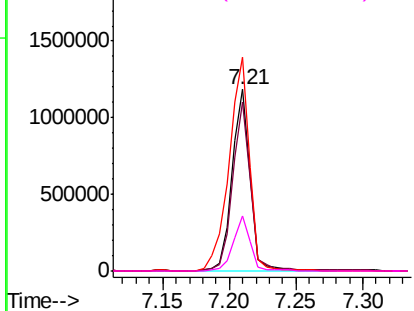


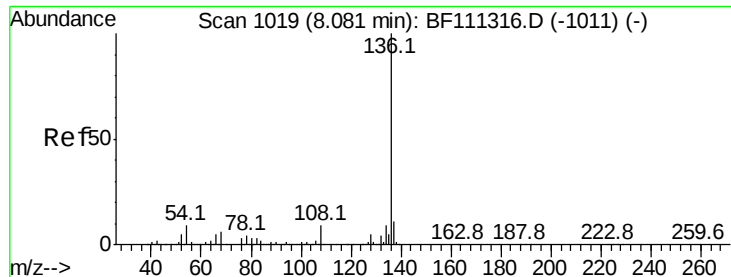
#20
3+4-Methylphenols
Concen: 46.807 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:107 Resp: 1120583
Ion Ratio Lower Upper
107 100
108 93.4 72.1 112.1
77 117.7 94.1 134.1
79 30.3 9.8 49.8



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

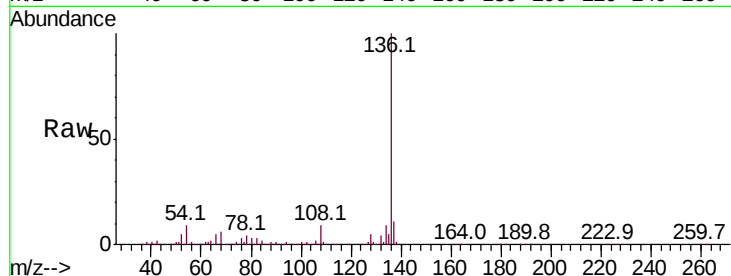




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1408614
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.3	7.7	11.5
68	5.7	4.9	7.3



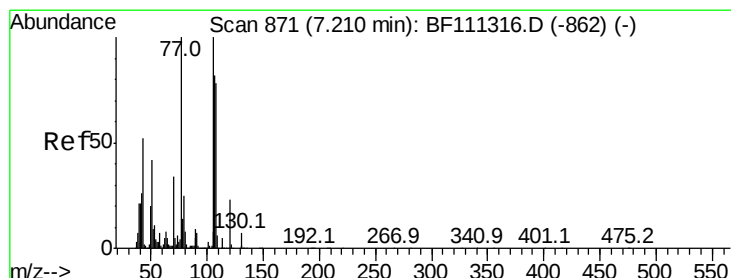
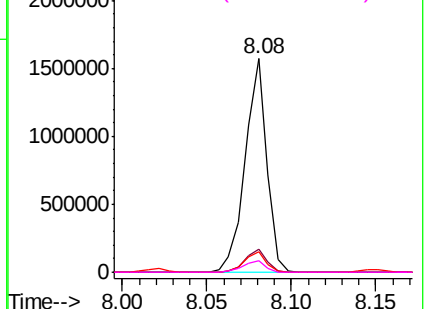
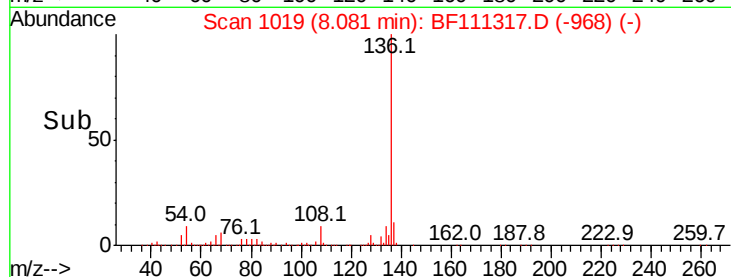
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

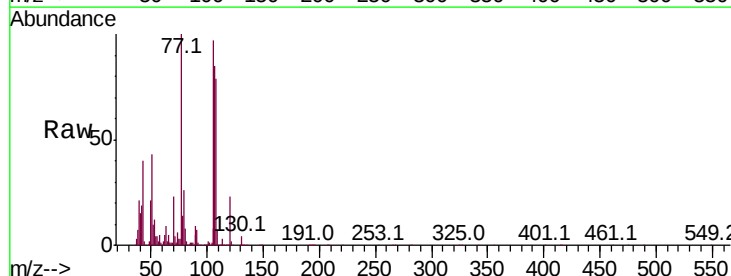
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 47.745 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:	105	Resp:	1538845
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.1	4.7
51	44.5	36.6	54.8
120	23.2	18.2	27.4



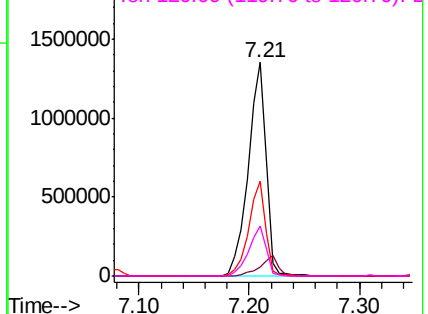
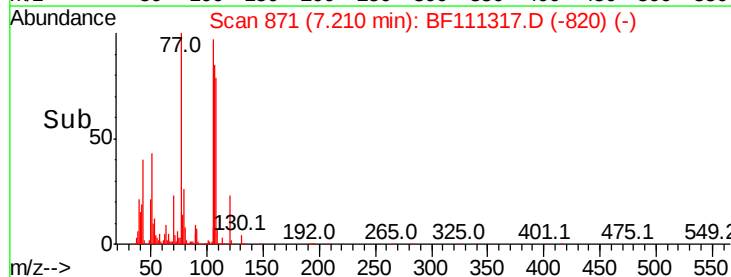
Abundance

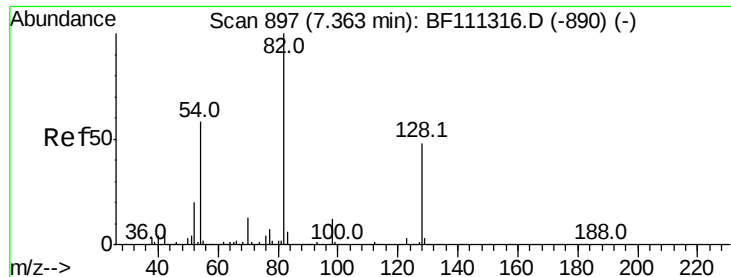
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

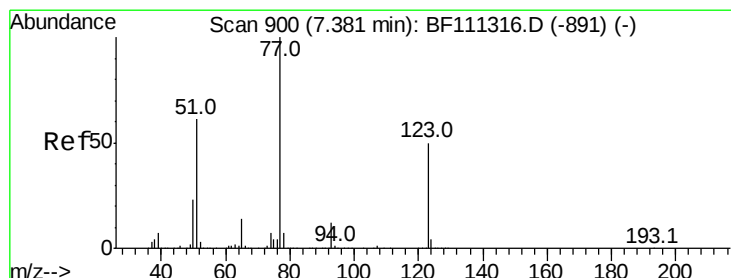
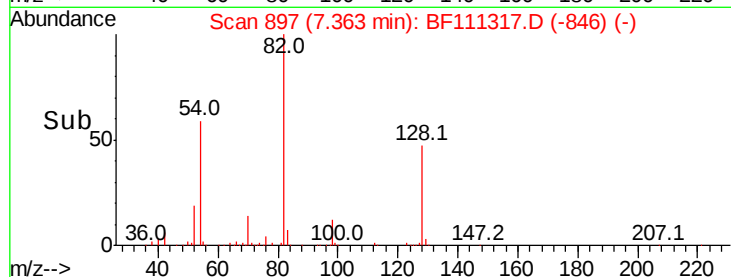
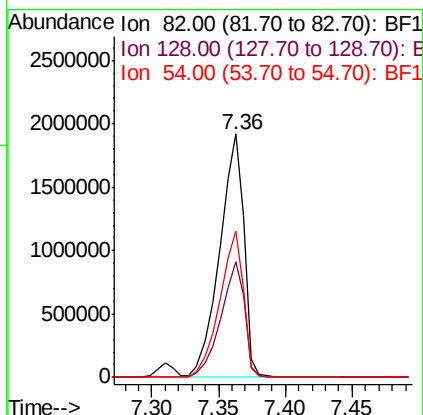
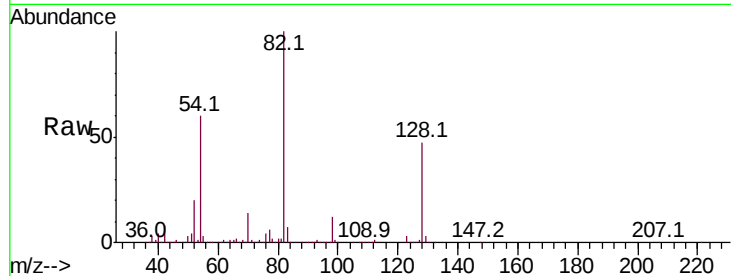




#23
 Nitrobenzene-d5
 Concen: 97.673 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

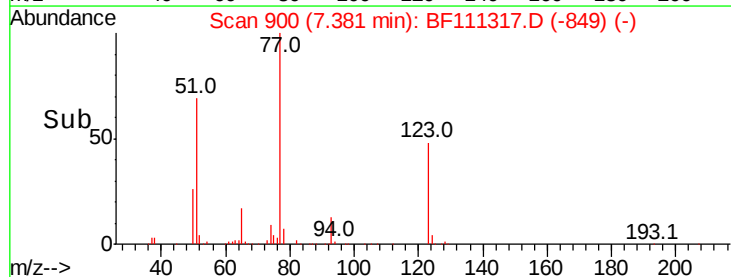
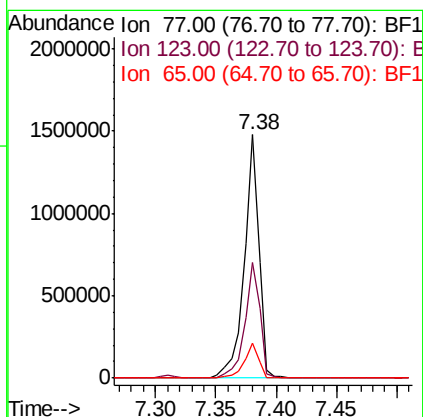
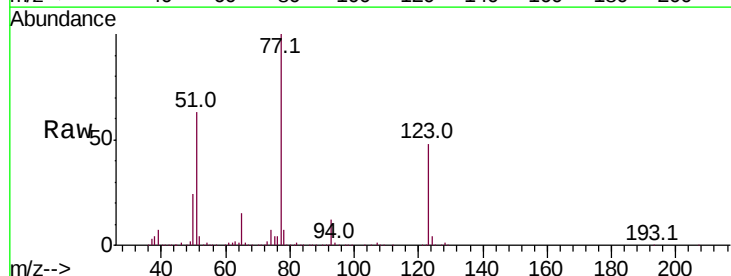
Instrument :
 BNA_F
 ClientSampled :

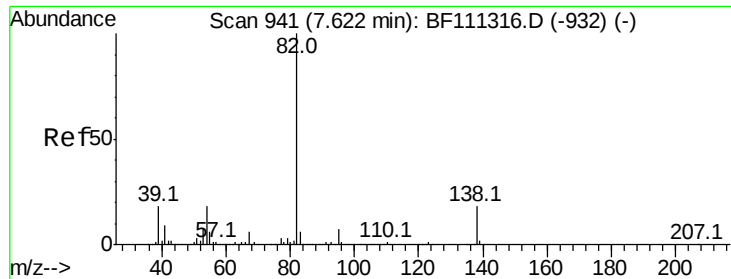
Tot Ion: 82 Resp: 2452971
 Ion Ratio Lower Upper
 82 100
 128 47.3 37.4 56.2
 54 60.1 47.6 71.4



#24
 Nitrobenzene
 Concen: 47.956 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion: 77 Resp: 1253487
 Ion Ratio Lower Upper
 77 100
 123 47.7 37.2 55.8
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 48.373 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

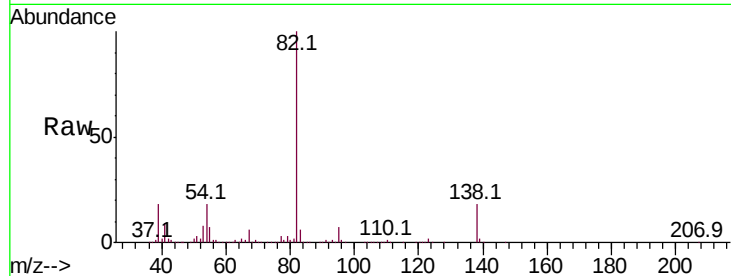
Tot Ion: 82 Resp: 2069150

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

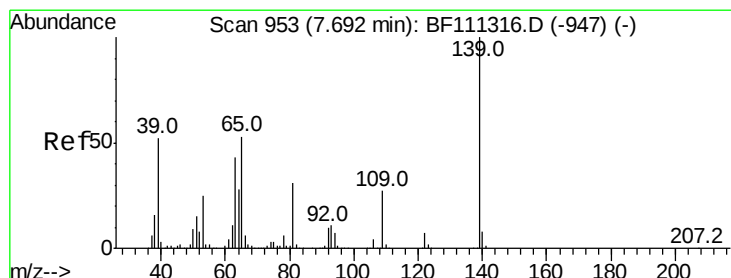
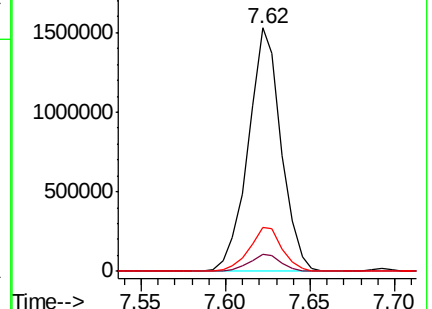
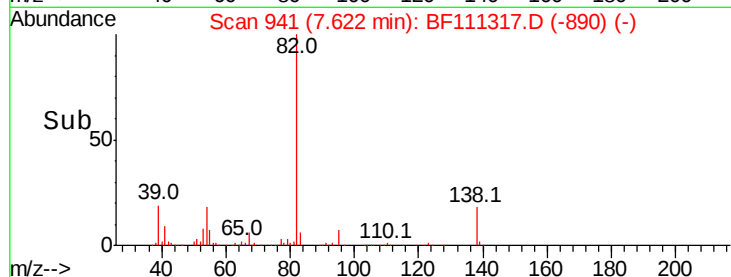
138 18.0 15.1 22.7



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: 50.376 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

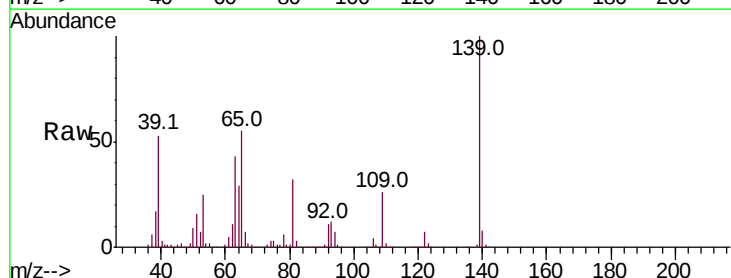
Tgt Ion: 139 Resp: 654223

Ion Ratio Lower Upper

139 100

109 25.9 20.2 30.4

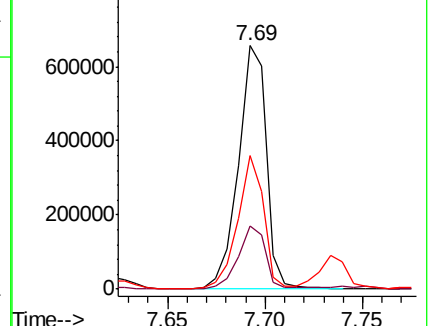
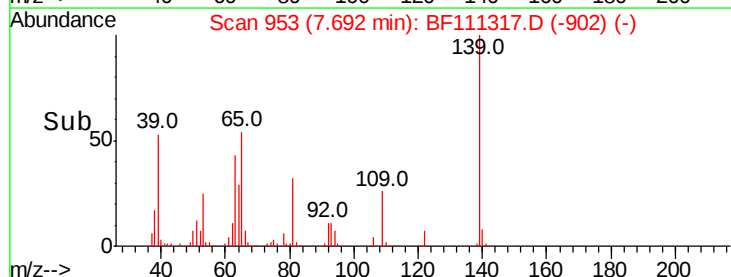
65 54.6 40.7 61.1

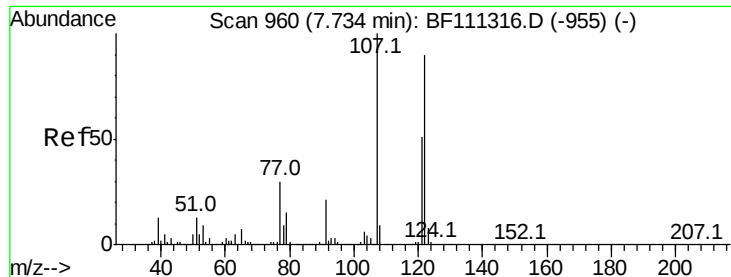


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

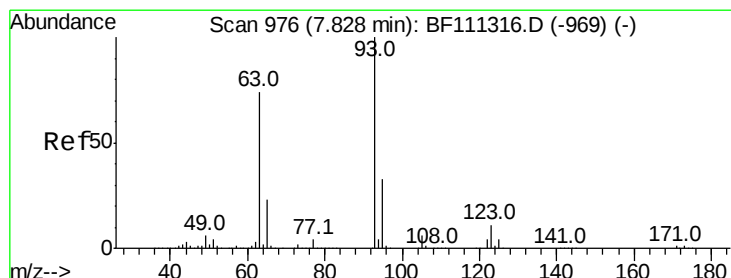
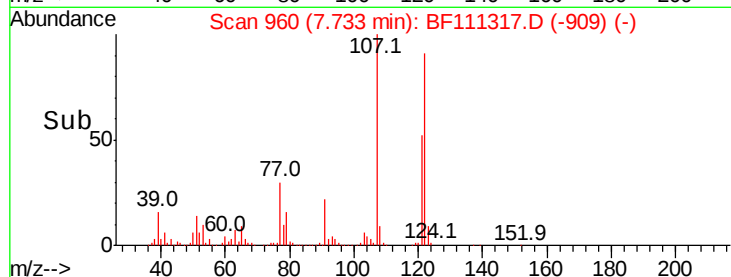
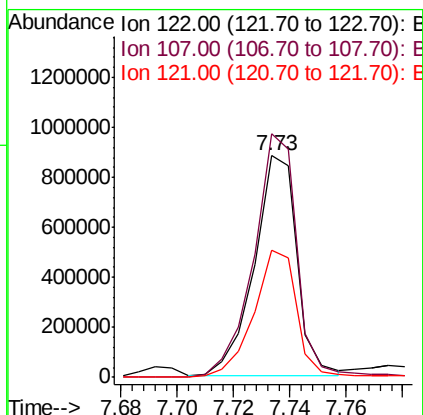
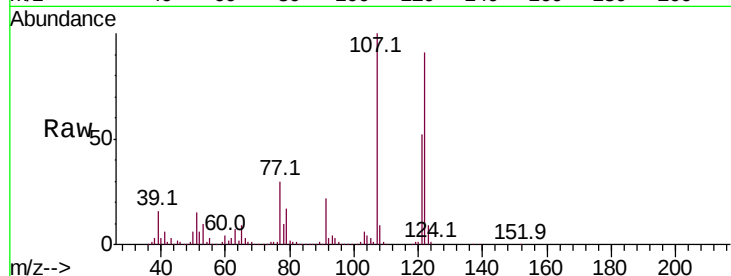




#27
2,4-Dimethylphenol
Concen: 46.329 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

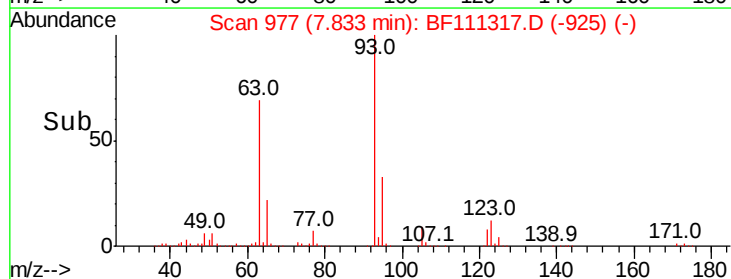
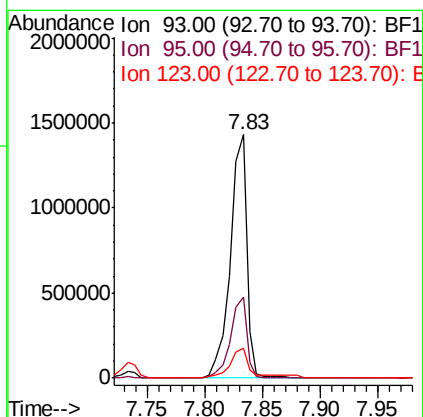
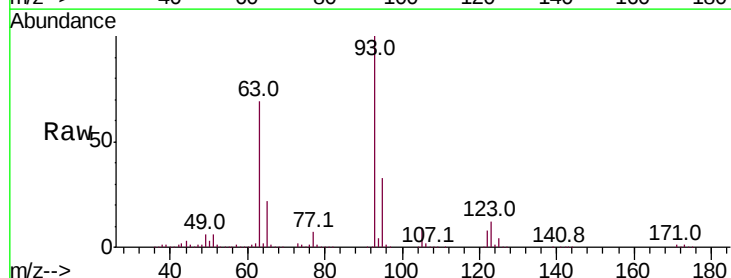
Instrument :
BNA_F
ClientSampleId :

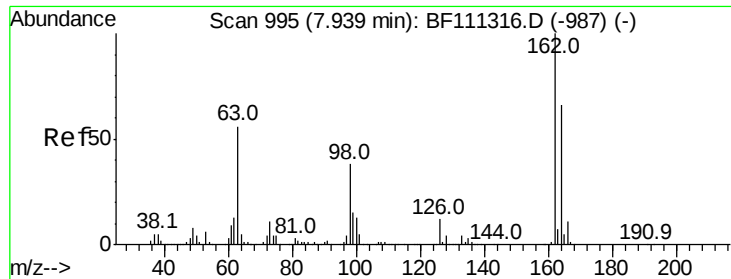
Tot Ion:122 Resp: 929720
Ion Ratio Lower Upper
122 100
107 109.9 85.5 128.3
121 57.3 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.738 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 93 Resp: 1414043
Ion Ratio Lower Upper
93 100
95 33.2 27.1 40.7
123 12.5 9.9 14.9

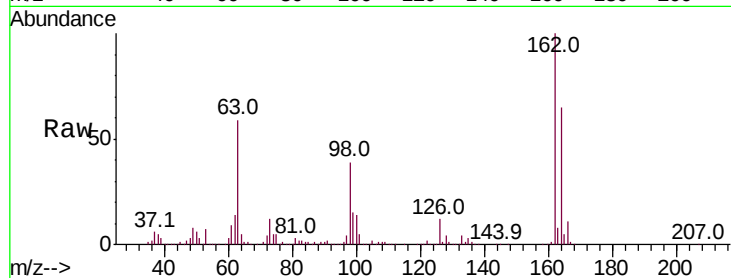




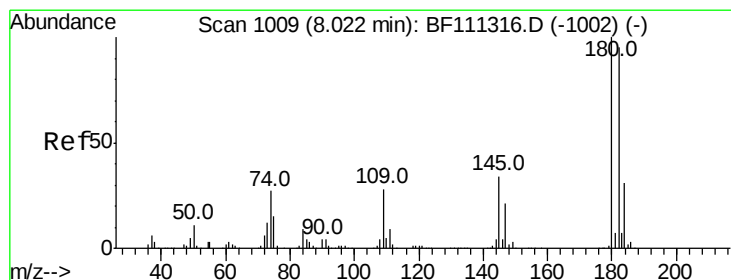
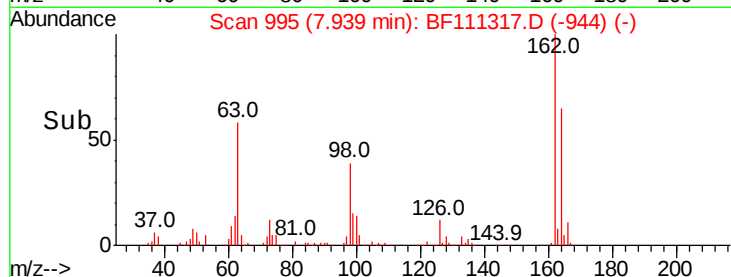
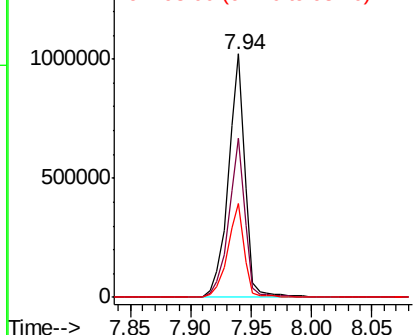
#29
2,4-Dichlorophenol
Concen: 47.919 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.4	84.4
98	38.7	20.3	60.3

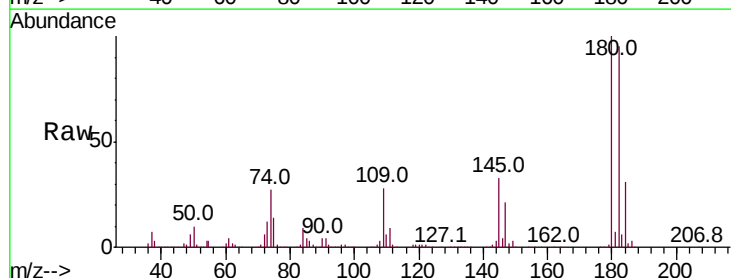


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

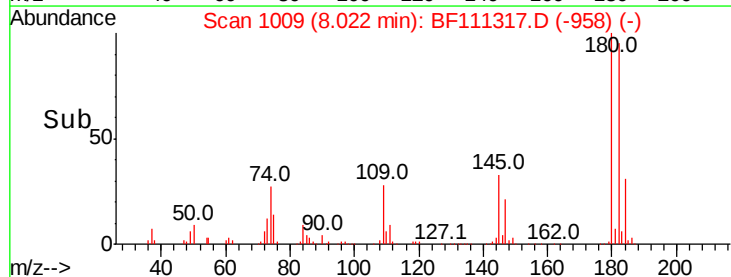
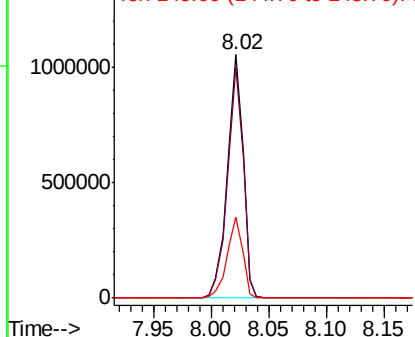


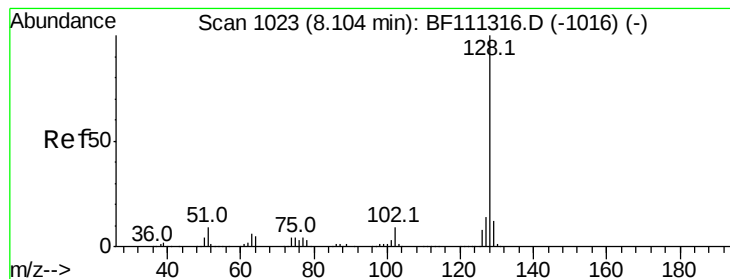
#30
1,2,4-Trichlorobenzene
Concen: 49.254 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.6	113.4
145	33.2	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.228 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

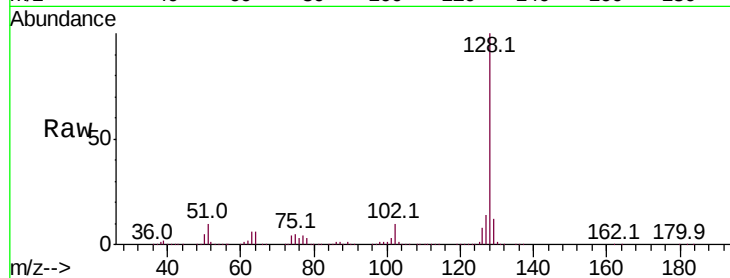
Tot Ion:128 Resp: 3087881

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

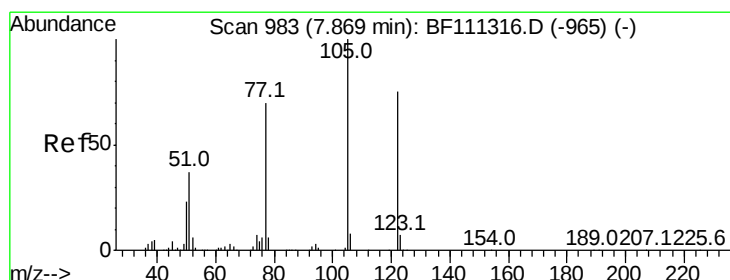
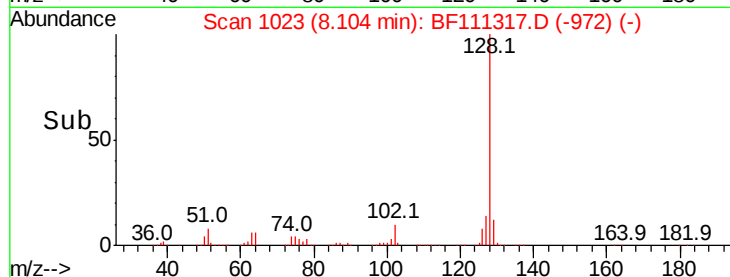
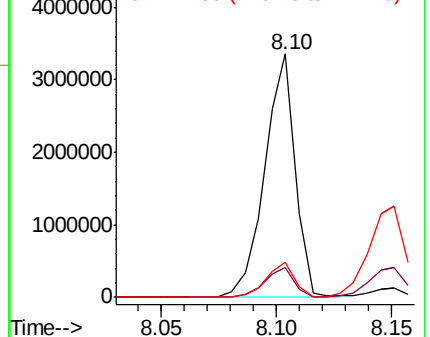
127 14.4 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.249 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

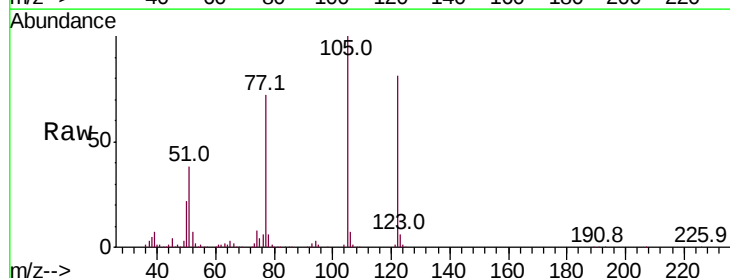
Tgt Ion:122 Resp: 701115

Ion Ratio Lower Upper

122 100

105 123.0 97.0 137.0

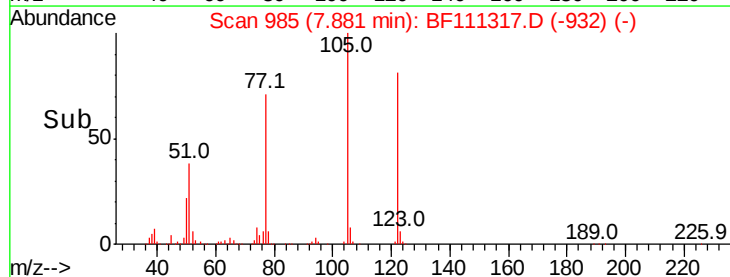
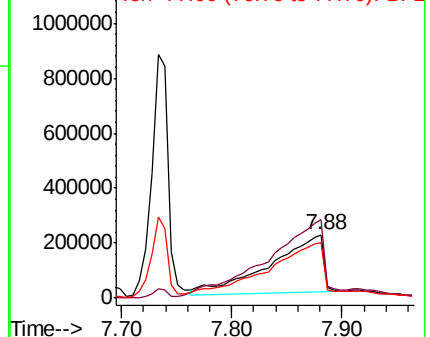
77 88.0 65.7 105.7

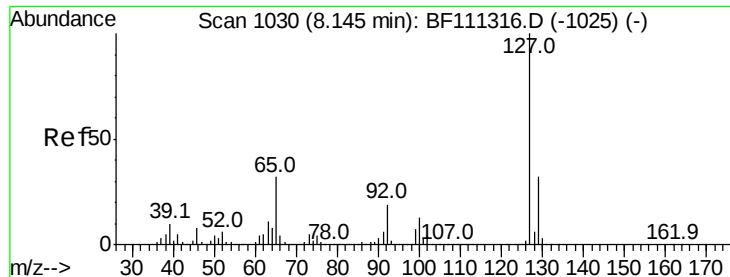


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

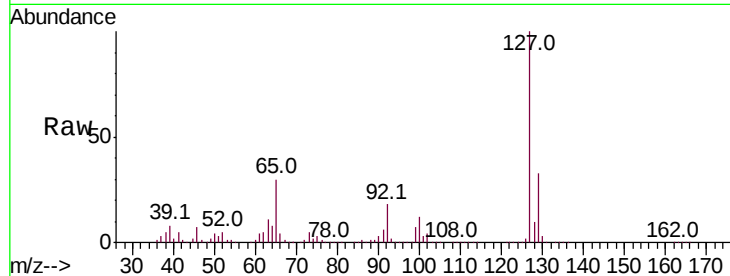




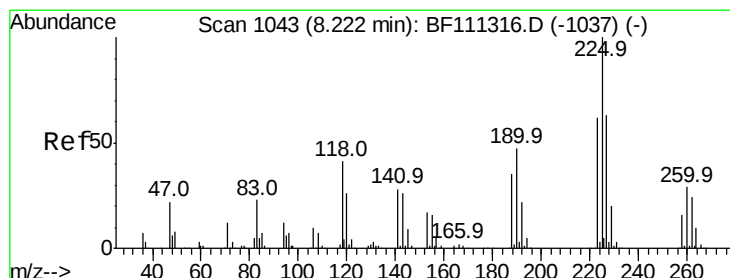
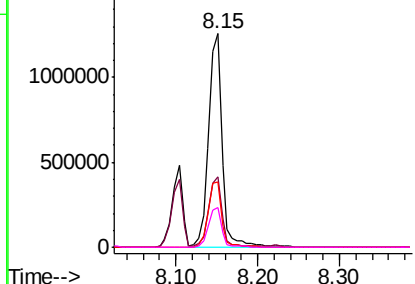
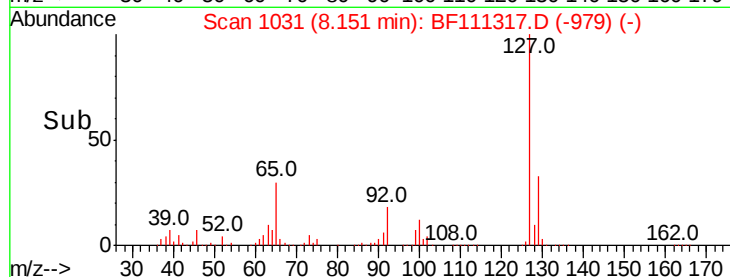
#33
4-Chloroaniline
Concen: 48.805 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1441083
Ion Ratio Lower Upper
127 100
129 32.8 26.6 39.8
65 30.4 25.7 38.5
92 18.5 15.4 23.2

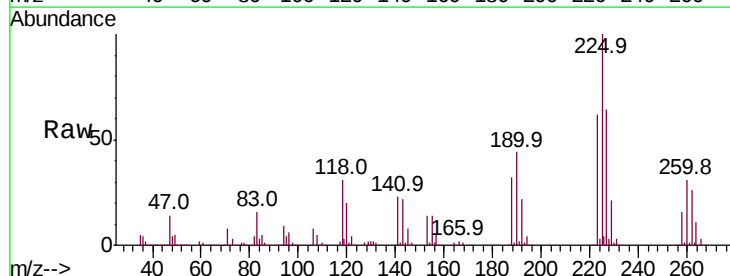


Abundance Ion 127.00 (126.70 to 127.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

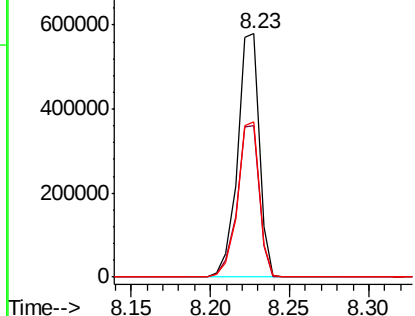
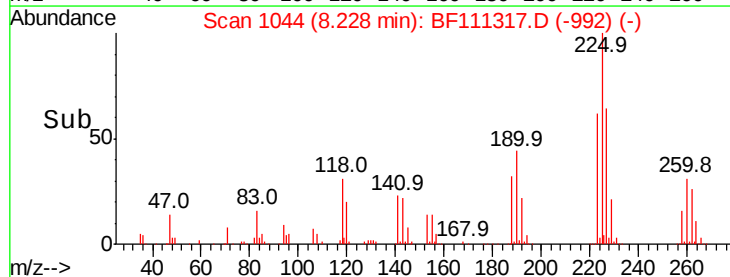


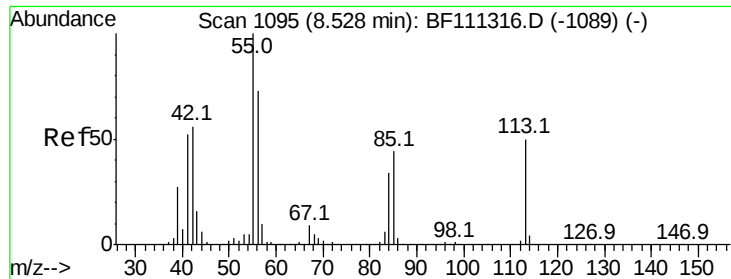
#34
Hexachlorobutadiene
Concen: 49.376 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:225 Resp: 550897
Ion Ratio Lower Upper
225 100
223 62.4 50.7 76.1
227 64.0 52.6 78.8



Abundance Ion 225.00 (224.70 to 225.70): E
800000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

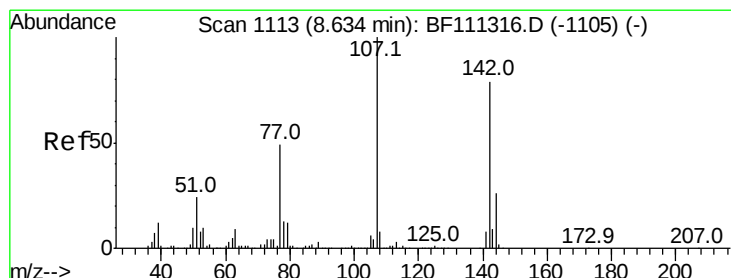
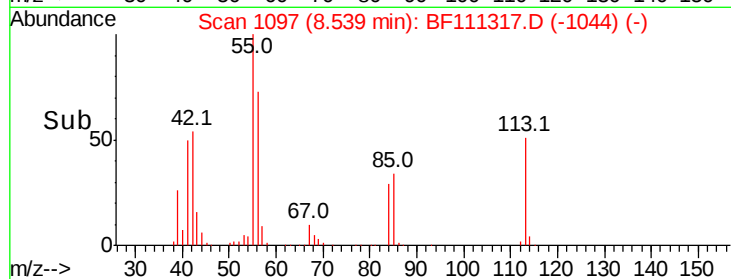
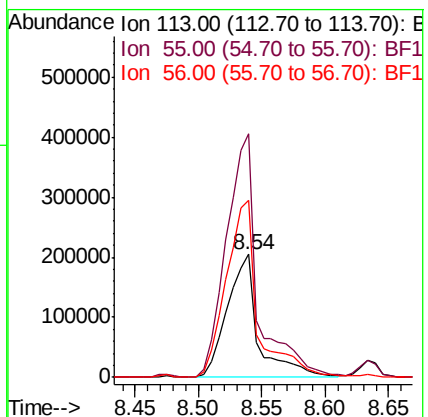
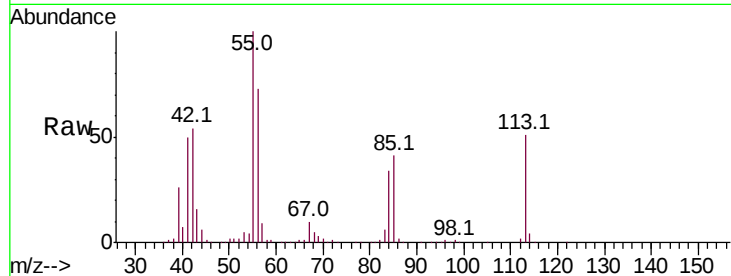




#35
 Caprolactam
 Concen: 47.850 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

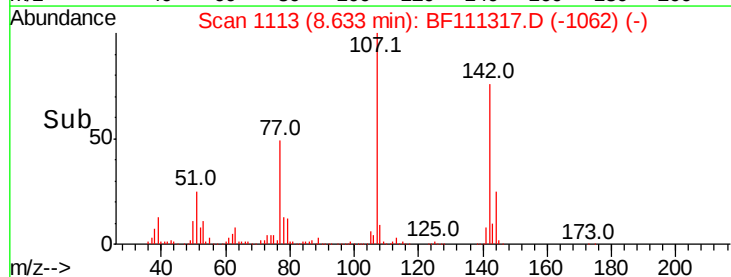
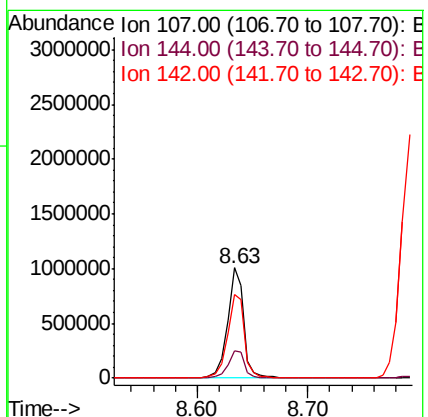
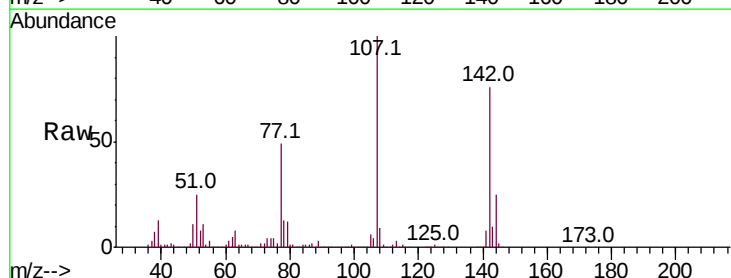
Instrument :
 BNA_F
 ClientSampled :

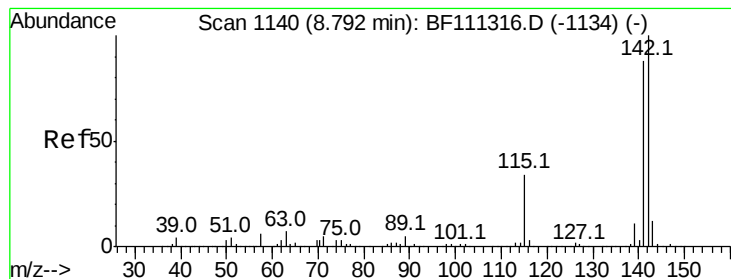
Tot Ion:113 Resp: 347927
 Ion Ratio Lower Upper
 113 100
 55 197.8 184.1 224.1
 56 143.4 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.486 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:107 Resp: 1039670
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 76.0 62.3 93.5

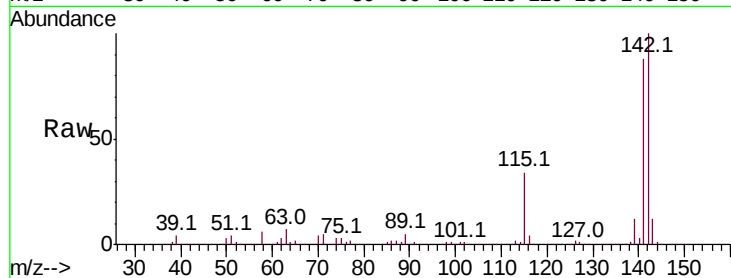




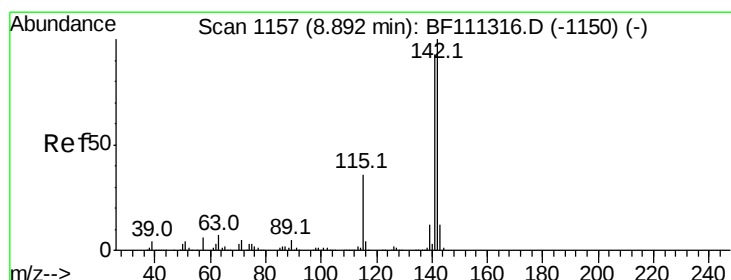
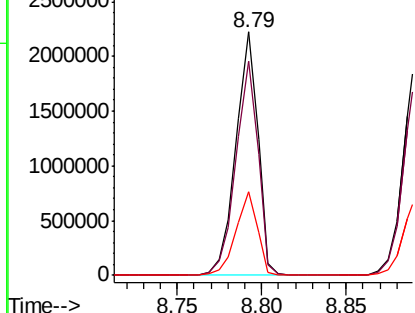
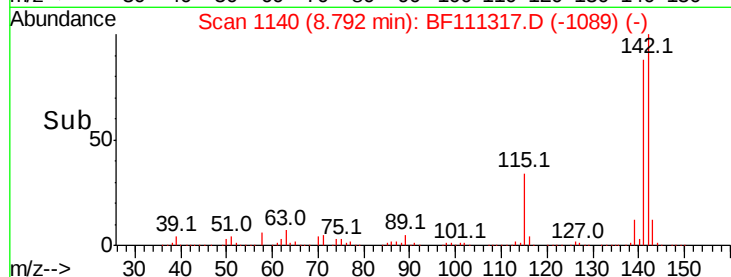
#37
 2-Methylnaphthalene
 Concen: 49.501 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 2020443
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.6 105.8
 115 34.3 27.0 40.6

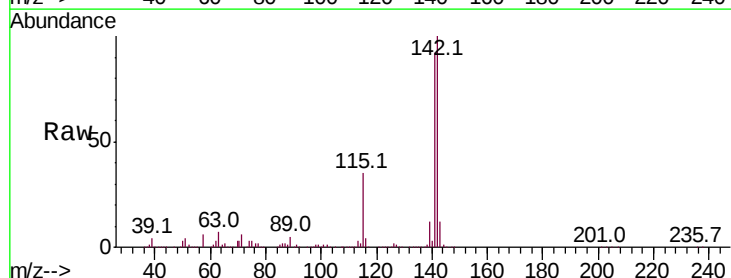


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

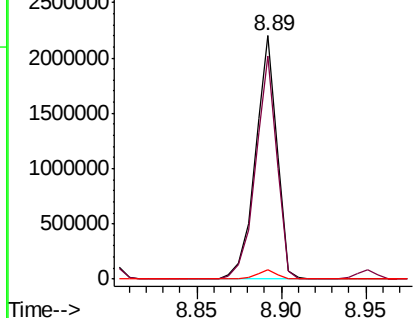
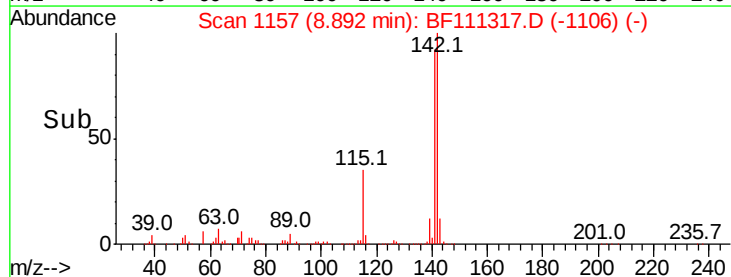


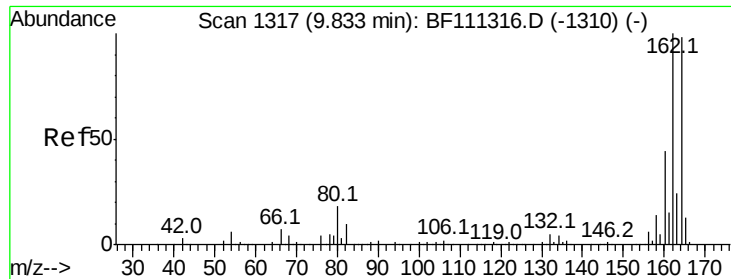
#38
 1-Methylnaphthalene
 Concen: 48.747 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:142 Resp: 1948489
 Ion Ratio Lower Upper
 142 100
 141 91.6 74.2 111.4
 116 3.8 2.9 4.3



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

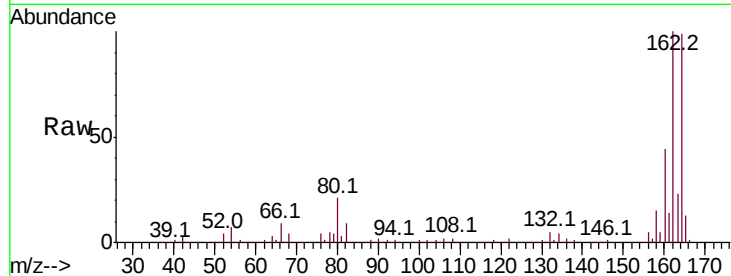




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	44.6	35.7	53.5

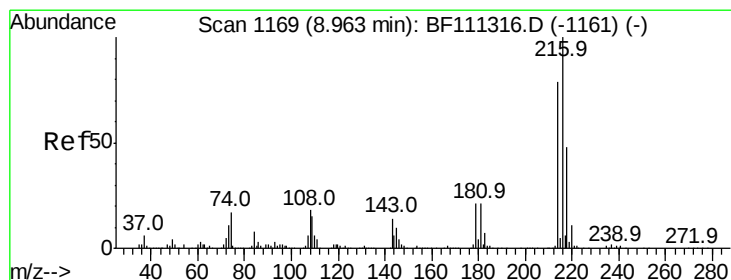
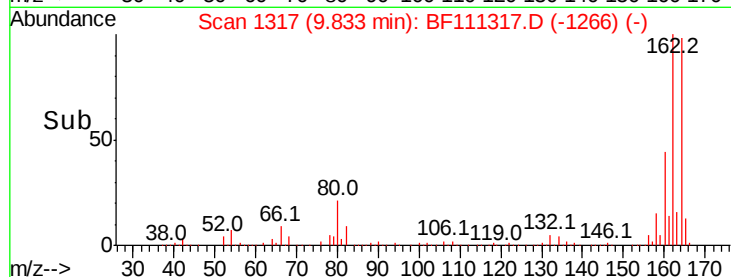
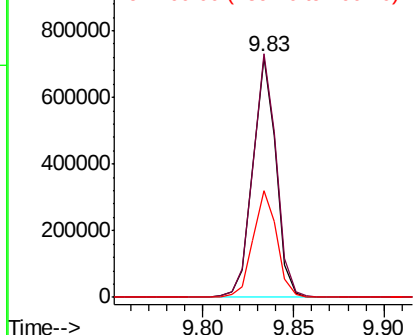


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.618 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	22.7	17.9	26.9
108	22.9	18.4	27.6

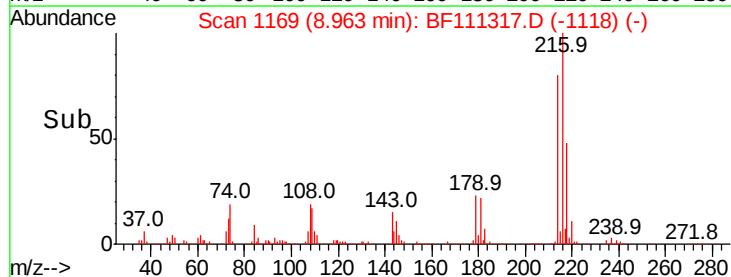
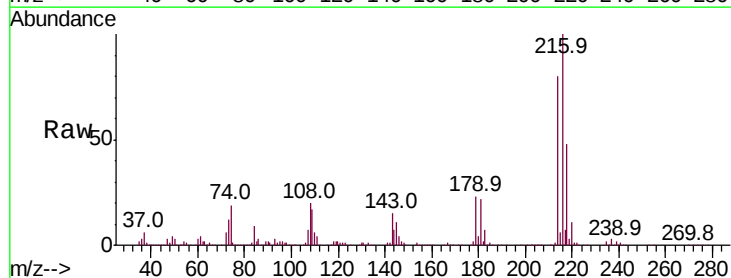
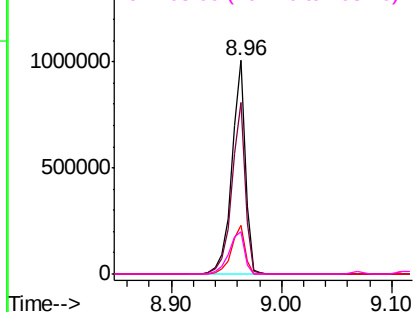
Abundance

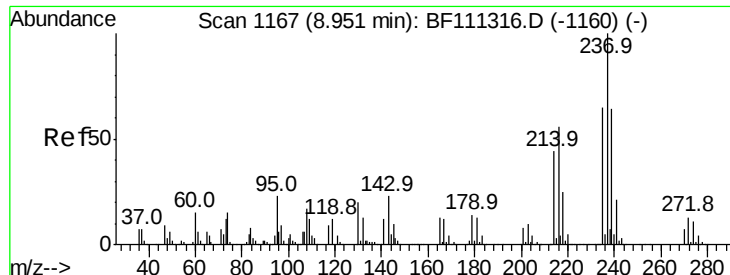
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.018 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

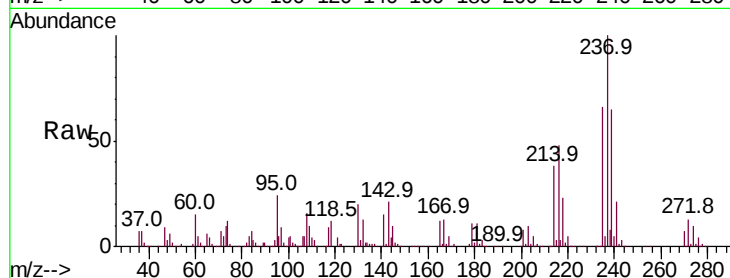
Tot Ion:237 Resp: 475875

Ion Ratio Lower Upper

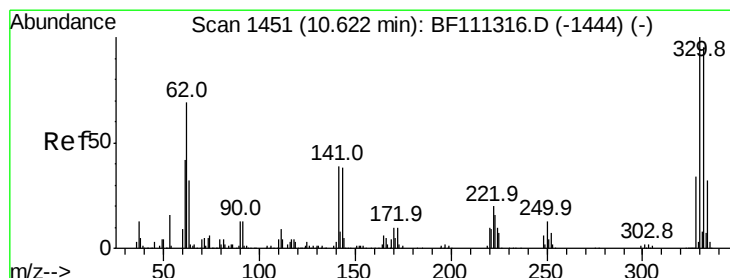
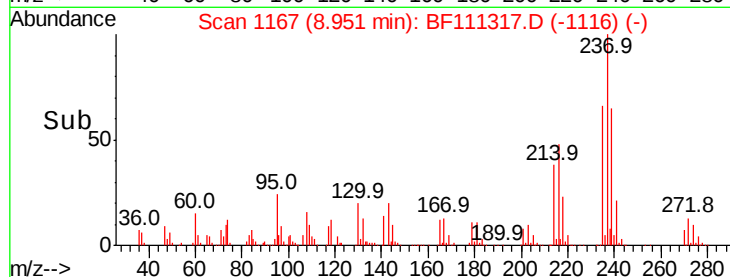
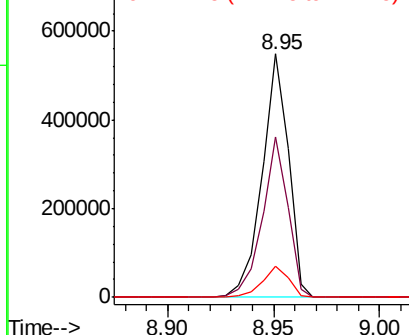
237 100

235 65.8 43.1 83.1

272 12.7 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 95.264 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

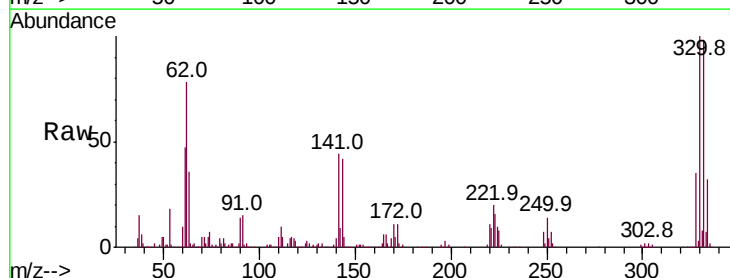
Tgt Ion:330 Resp: 538975

Ion Ratio Lower Upper

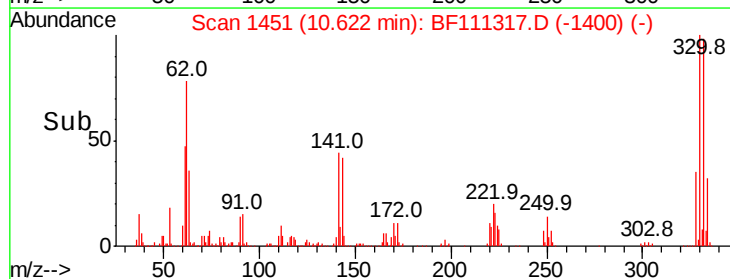
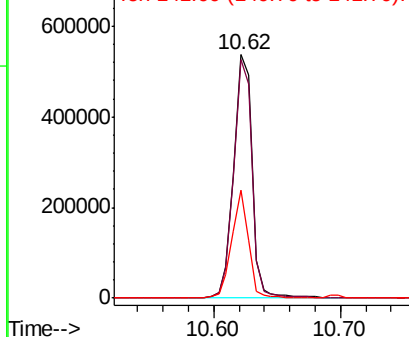
330 100

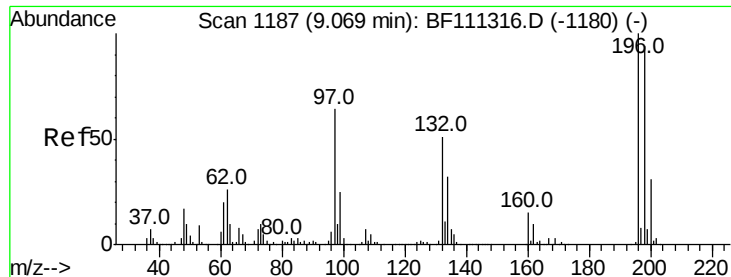
332 97.8 76.0 114.0

141 40.2 31.0 46.6



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

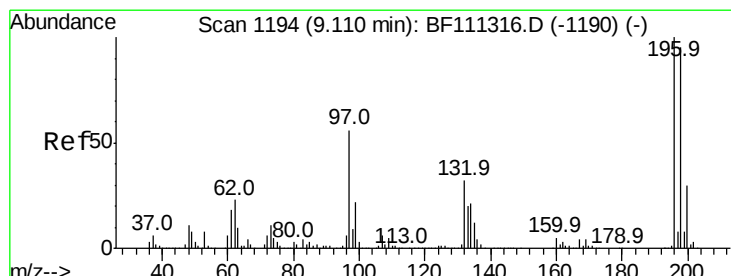
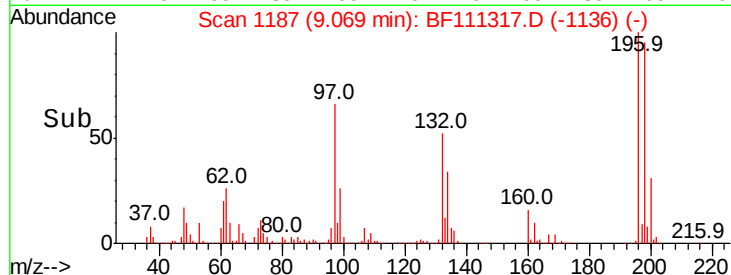
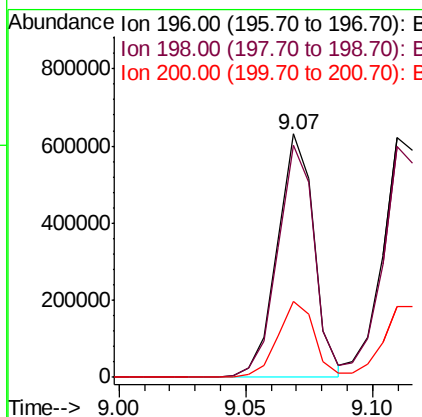
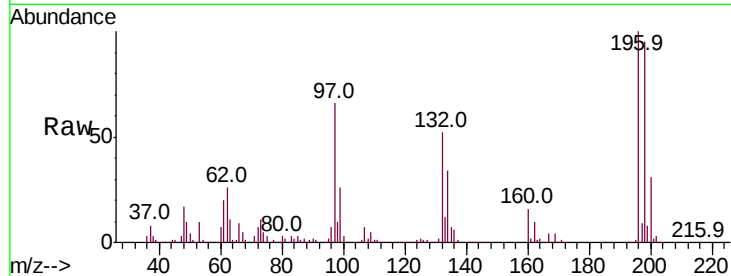




#43
 2,4,6-Trichlorophenol
 Concen: 47.329 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

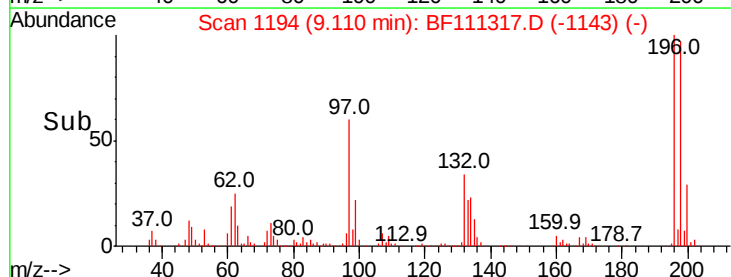
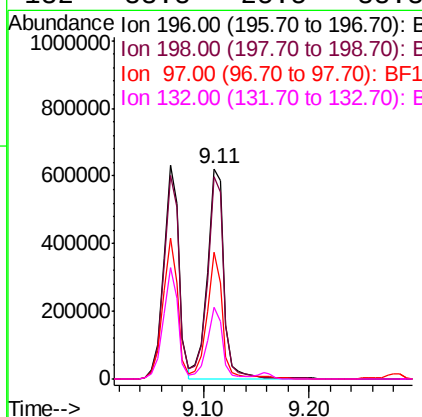
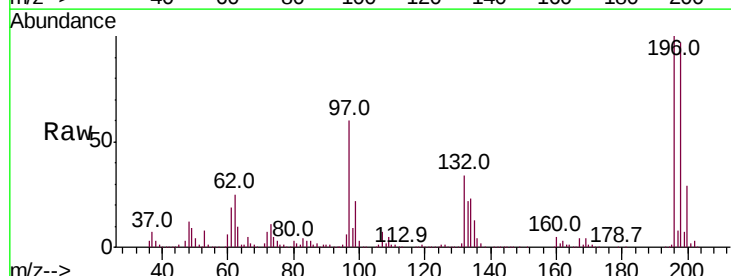
Instrument :
 BNA_F
 ClientSampleId :

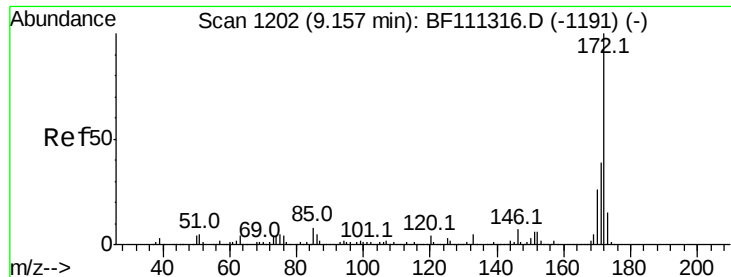
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.3	114.5
200	31.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.240 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	72.9	109.3
97	60.2	45.3	67.9
132	33.8	25.5	38.3

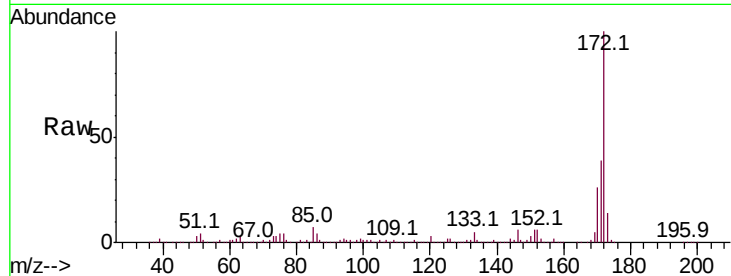




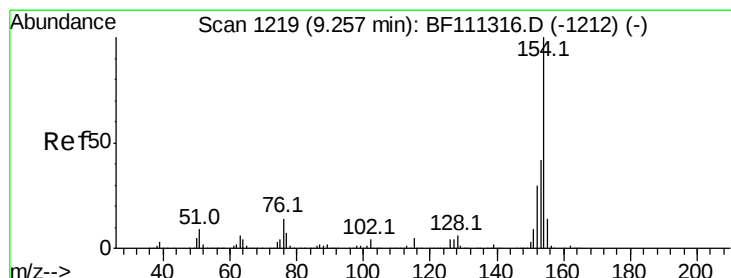
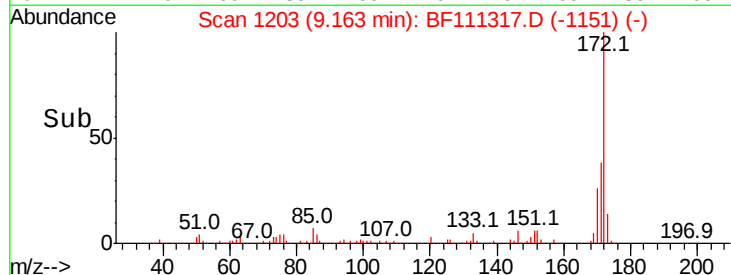
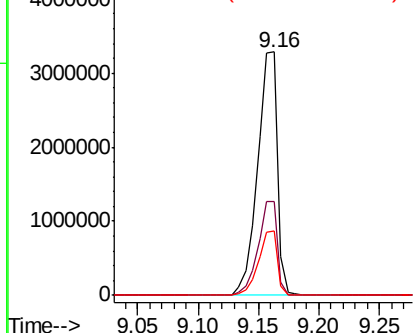
#45
2-Fluorobiphenyl
Concen: 93.560 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3788202
Ion Ratio Lower Upper
172 100
171 38.5 33.0 49.4
170 26.4 22.3 33.5

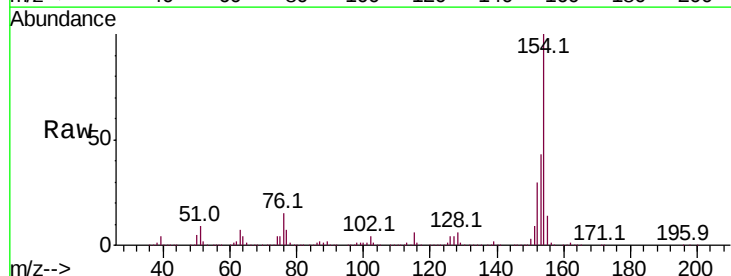


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

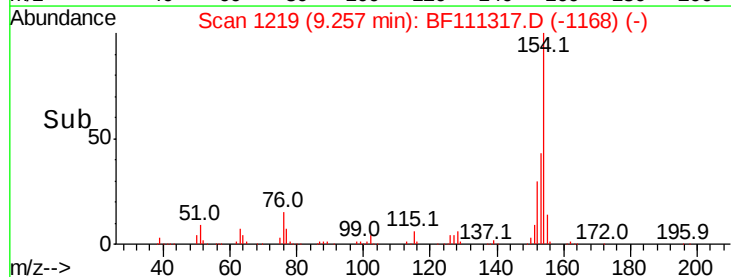
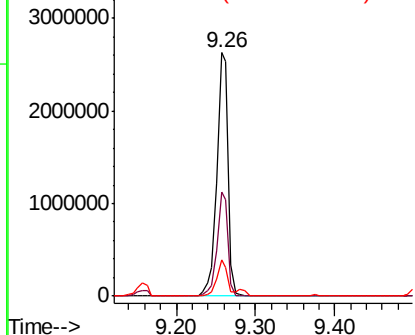


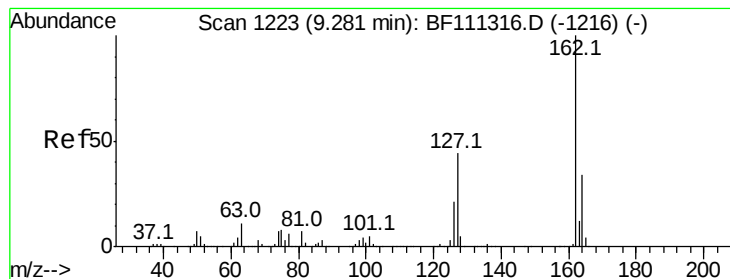
#46
1,1'-Biphenyl
Concen: 47.931 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:154 Resp: 2573393
Ion Ratio Lower Upper
154 100
153 42.7 23.7 63.7
76 14.9 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

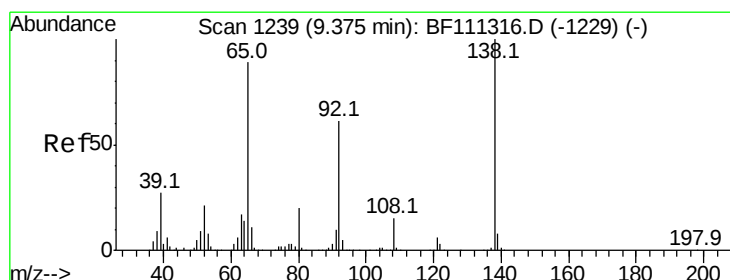
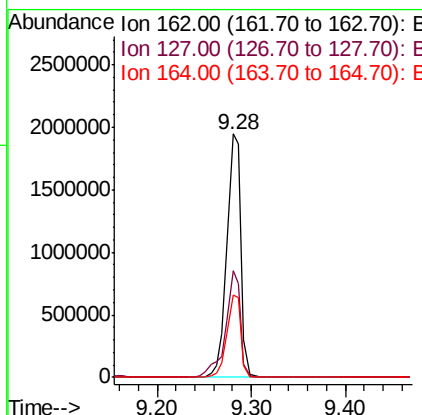
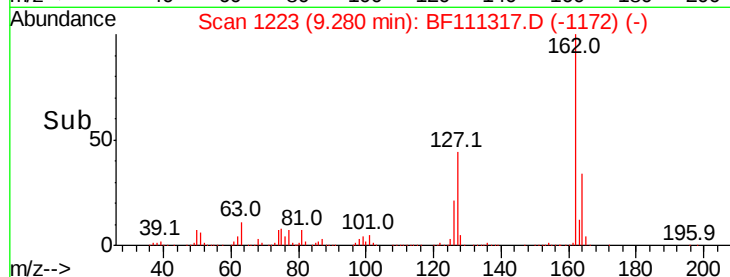
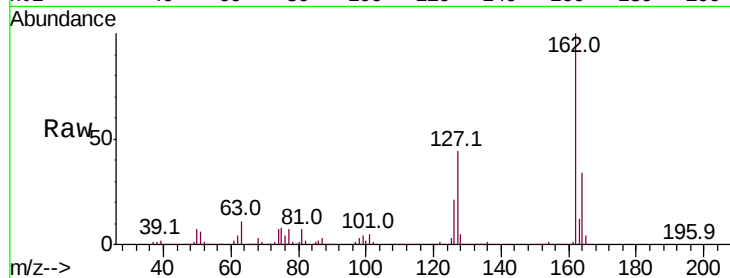




#47
 2-Chloronaphthalene
 Concen: 48.422 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

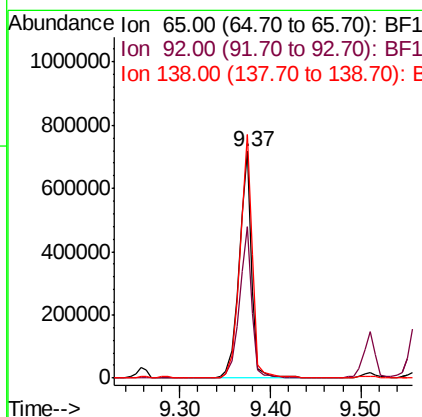
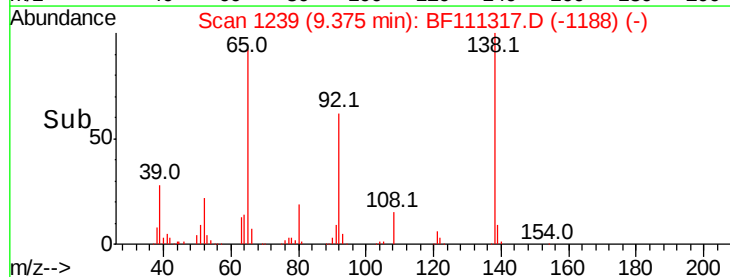
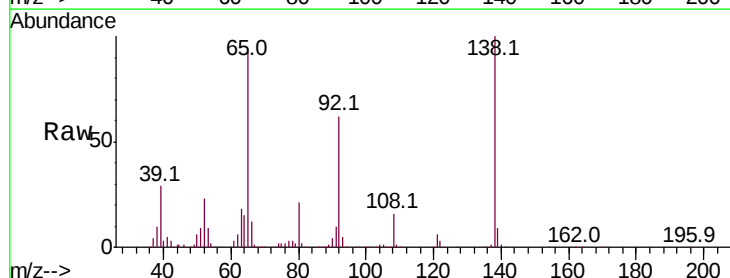
Instrument :
 BNA_F
 ClientSampleId :

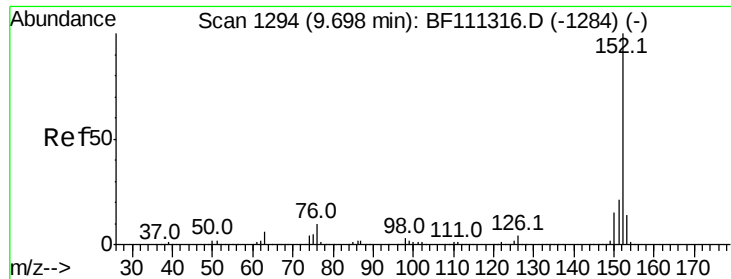
Tot Ion:	162	Resp:	2023631
Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.0	52.4
164	33.8	28.4	42.6



#48
 2-Nitroaniline
 Concen: 48.873 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:	65	Resp:	696746
Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.5	80.3
138	107.5	80.9	121.3





#49

Acenaphthylene

Concen: 47.938 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

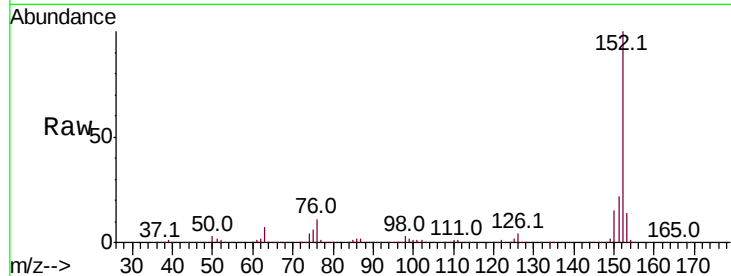
Tot Ion:152 Resp: 2908386

Ion Ratio Lower Upper

152 100

151 21.8 18.0 27.0

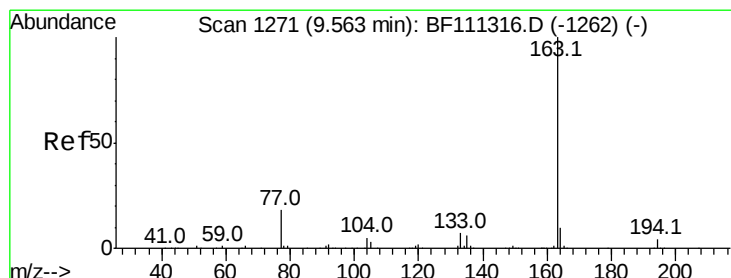
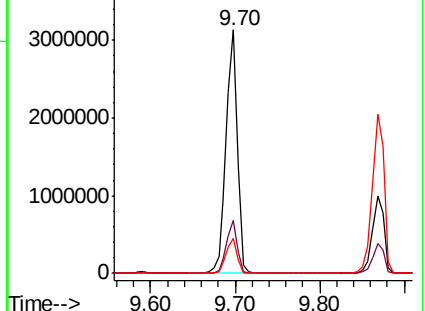
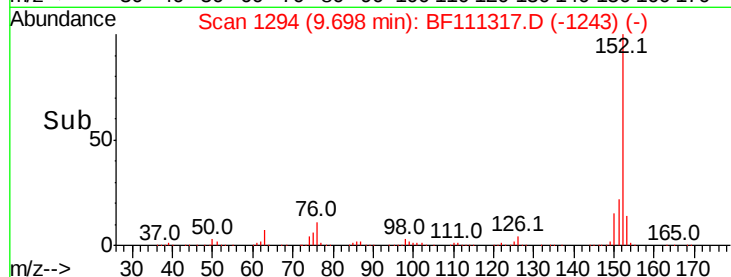
153 14.5 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.097 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

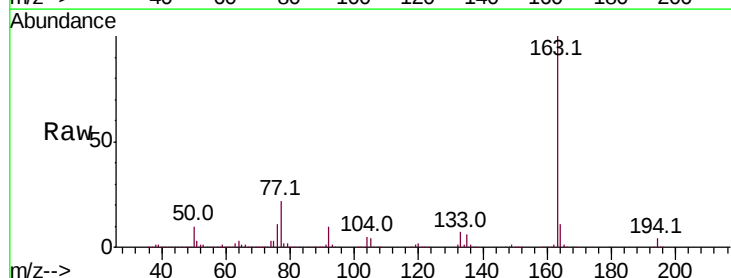
Tgt Ion:163 Resp: 2219536

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

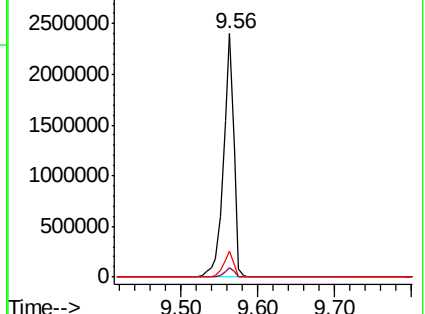
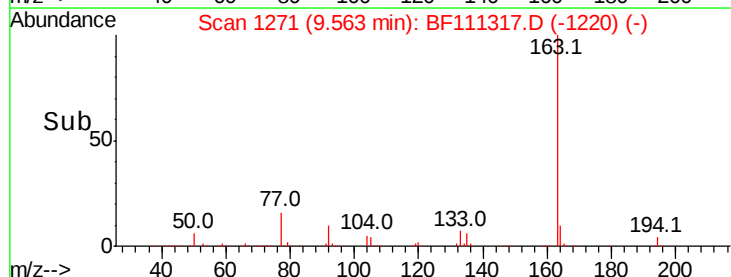
164 10.8 8.9 13.3

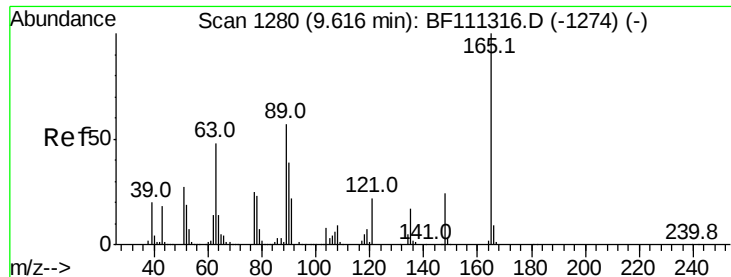


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

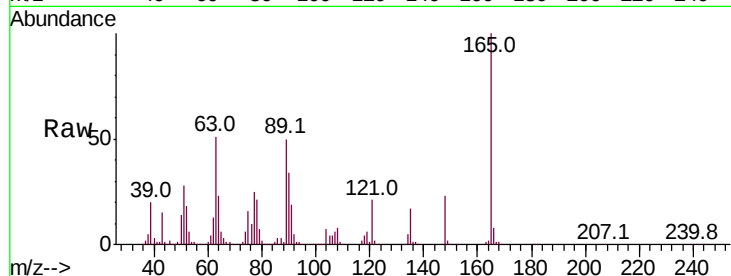




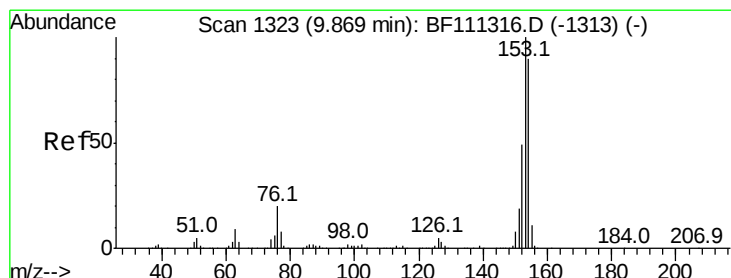
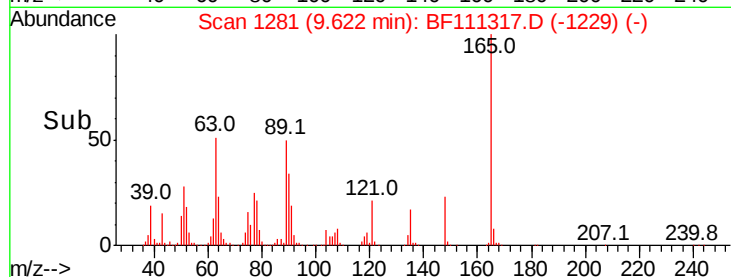
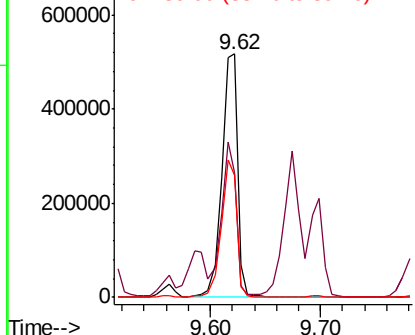
#51
 2,6-Dinitrotoluene
 Concen: 49.769 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 517972
 Ion Ratio Lower Upper
 165 100
 63 51.4 40.5 60.7
 89 49.9 40.0 60.0

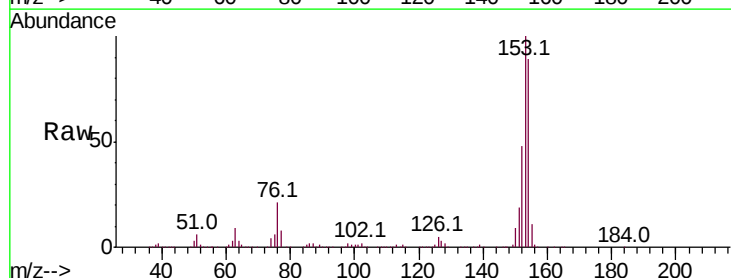


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

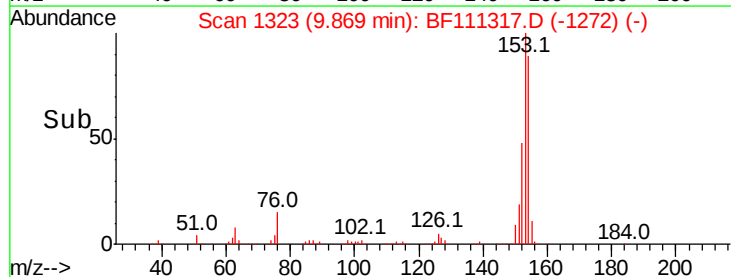
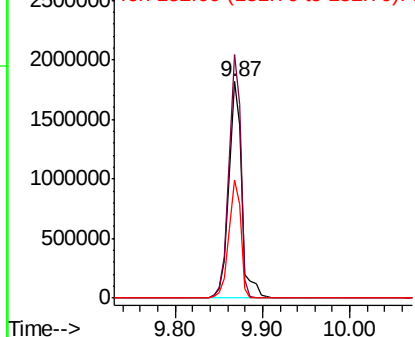


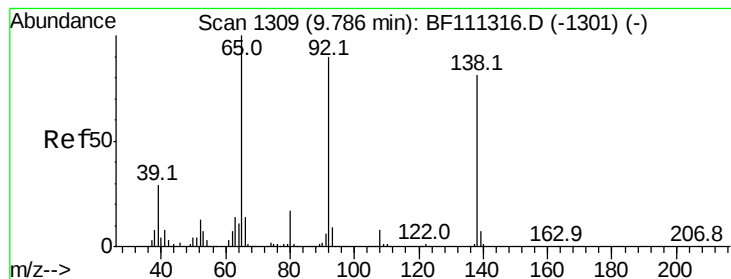
#52
 Acenaphthene
 Concen: 49.005 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:154 Resp: 1865757
 Ion Ratio Lower Upper
 154 100
 153 112.4 87.8 131.8
 152 54.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 48.297 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampled :

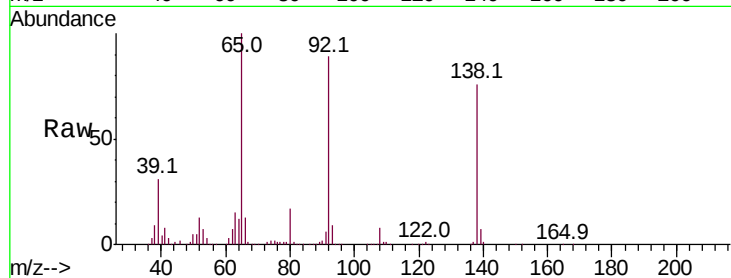
Tot Ion:138 Resp: 620435

Ion Ratio Lower Upper

138 100

108 10.4 8.2 12.4

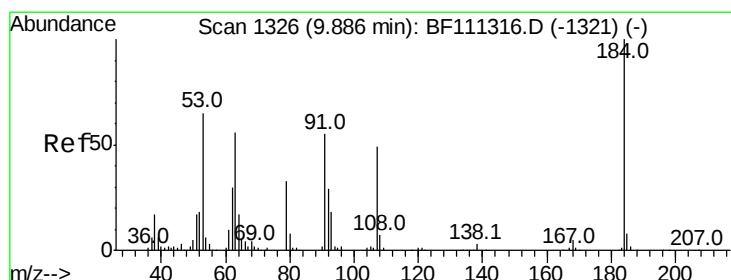
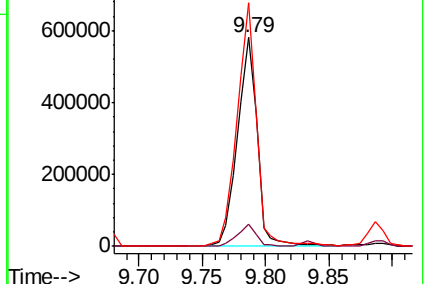
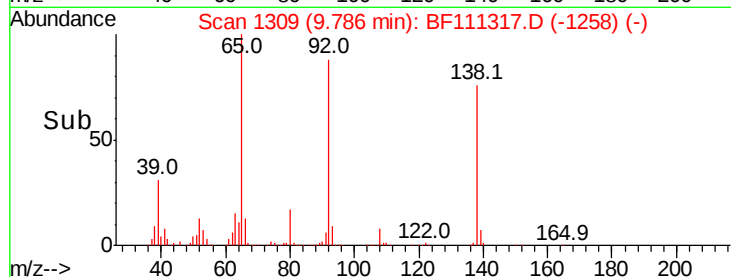
92 116.6 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 52.736 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

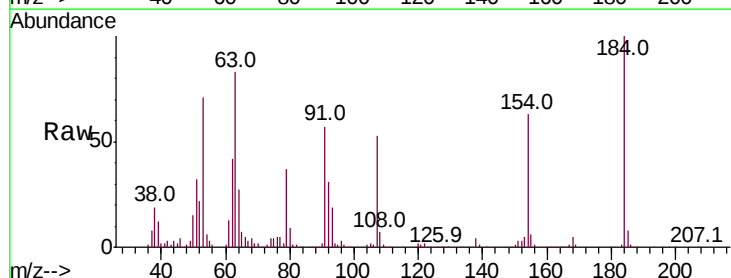
Tgt Ion:184 Resp: 216890

Ion Ratio Lower Upper

184 100

63 82.8 62.3 93.5

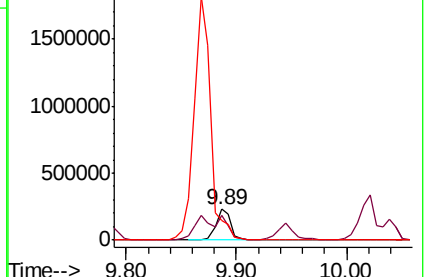
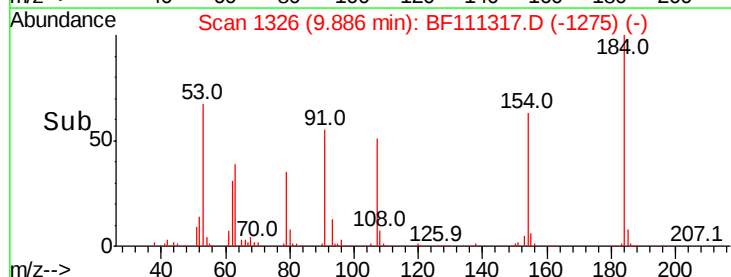
154 63.1 56.2 84.2

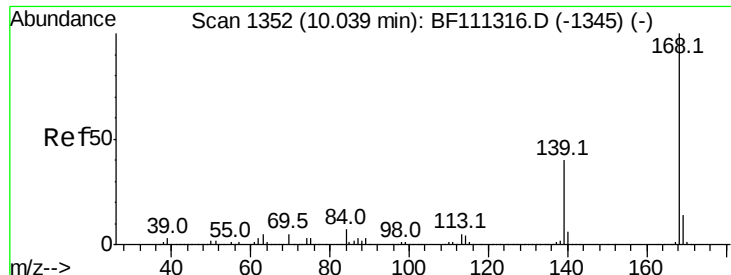


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 51.247 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

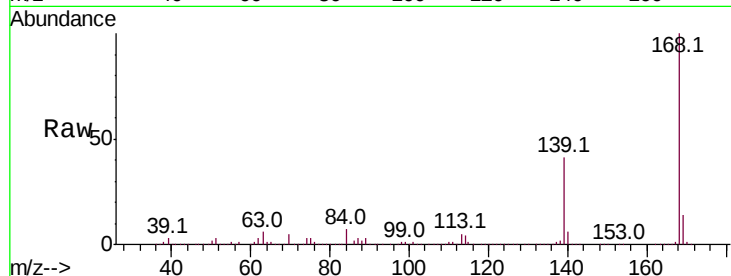
Tot Ion:168 Resp: 2654399

Ion Ratio Lower Upper

168 100

139 40.9 32.6 49.0

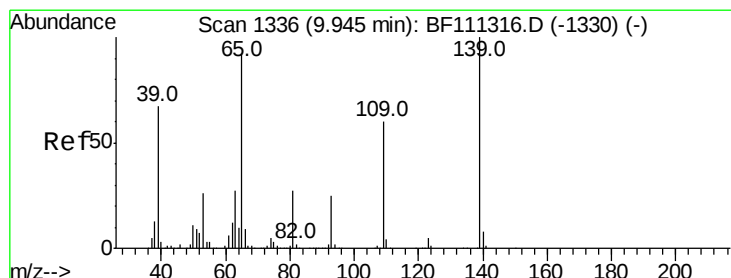
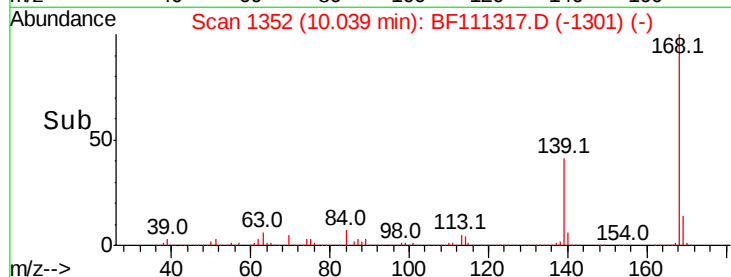
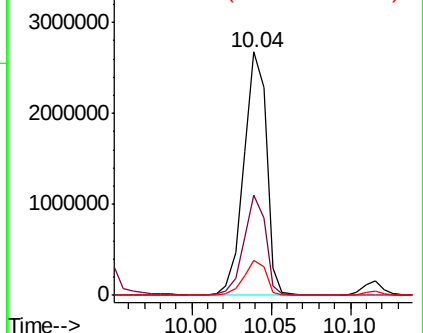
169 14.4 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 46.058 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

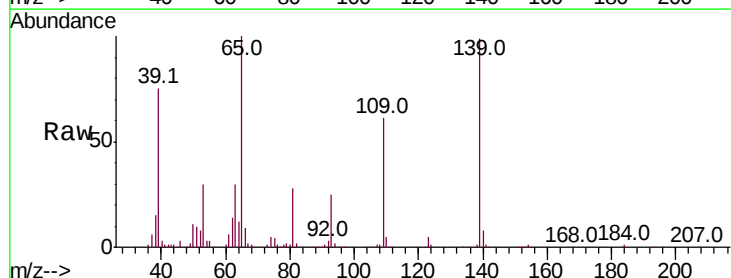
Tgt Ion:139 Resp: 460808

Ion Ratio Lower Upper

139 100

109 61.6 41.8 81.8

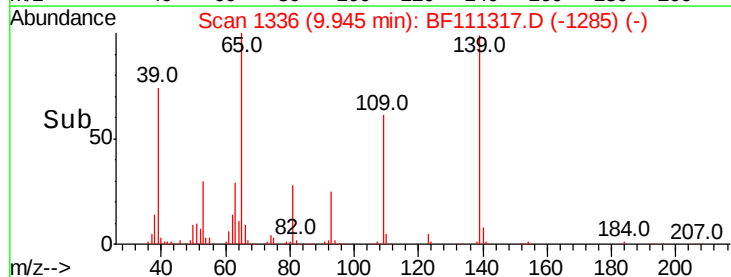
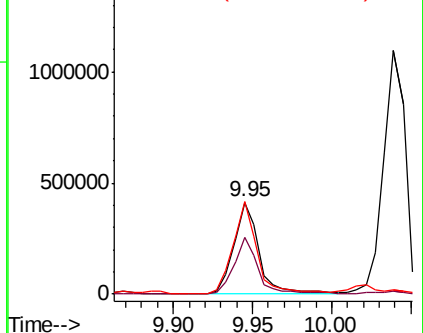
65 101.2 79.6 119.6

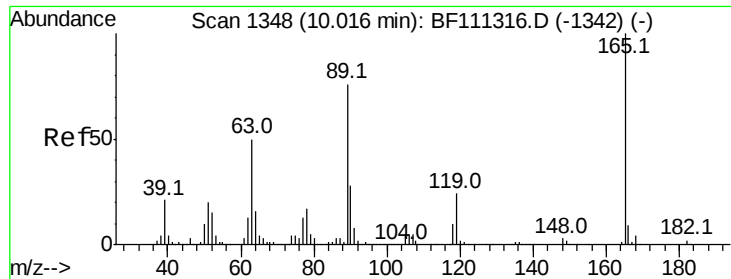


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

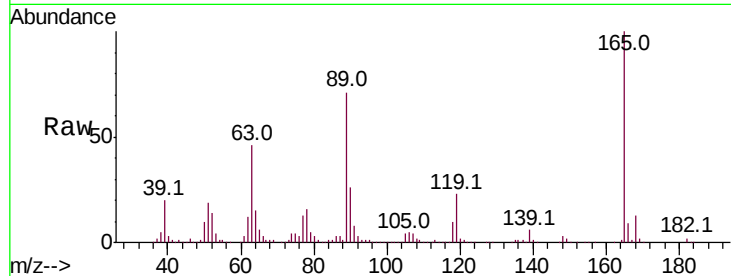




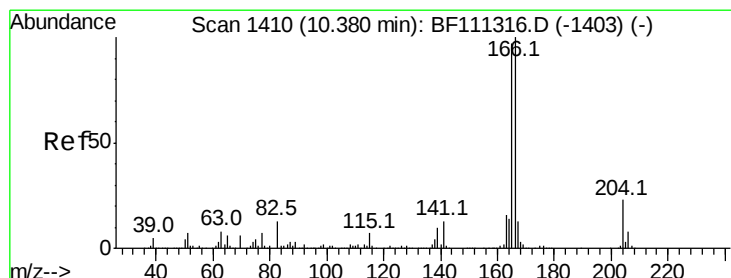
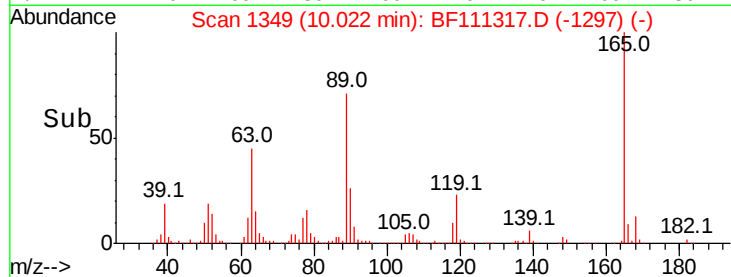
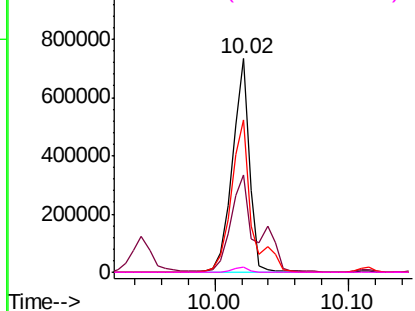
#57
2,4-Dinitrotoluene
Concen: 51.875 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 665564
Ion Ratio Lower Upper
165 100
63 45.7 34.6 52.0
89 71.3 56.2 84.4
182 2.2 1.8 2.6

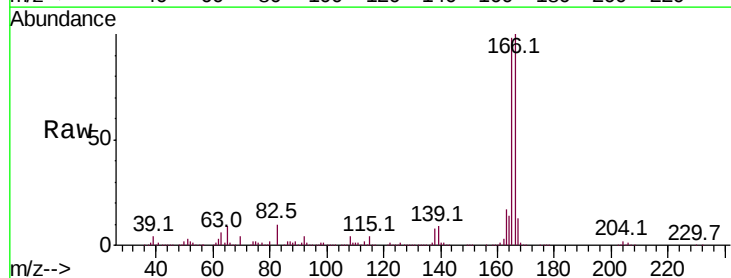


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

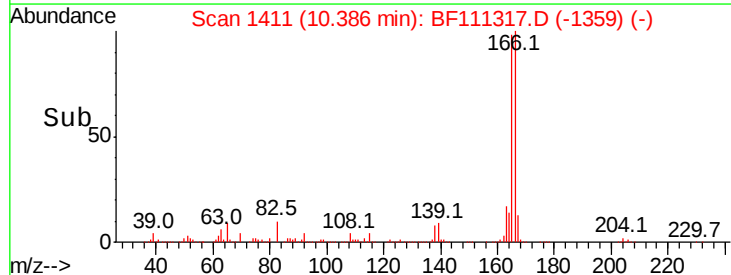
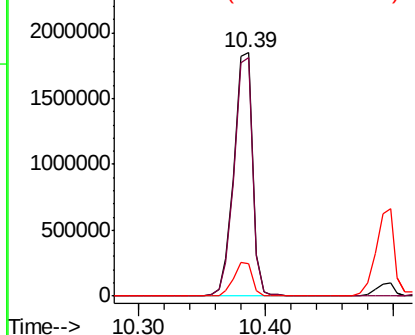


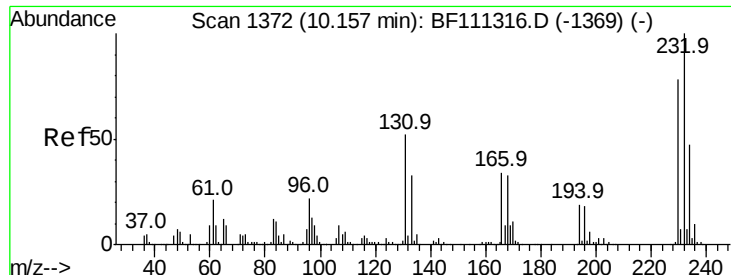
#58
Fluorene
Concen: 46.576 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:166 Resp: 1866878
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

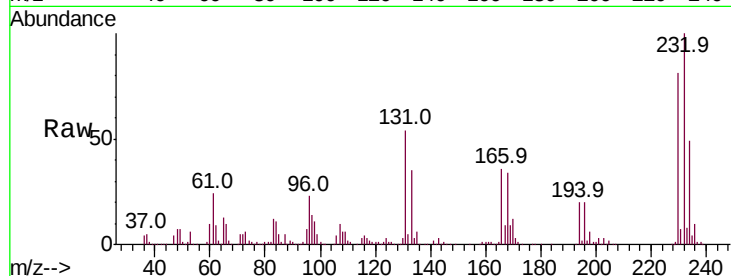




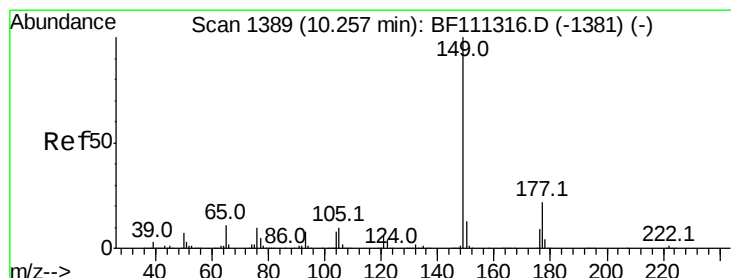
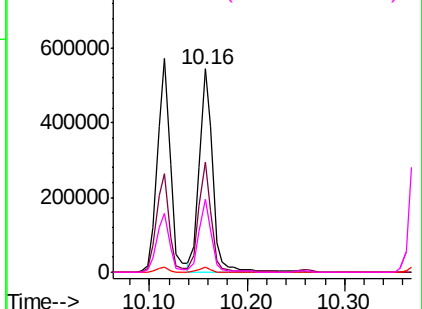
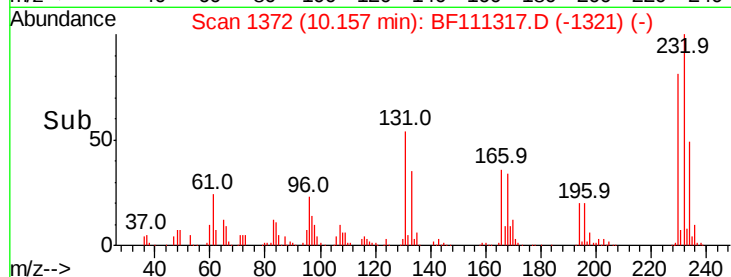
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.717 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	513165
Ion	Ratio	Lower	Upper
232	100		
131	51.8	40.9	61.3
130	2.3	2.0	3.0
166	33.9	26.8	40.2

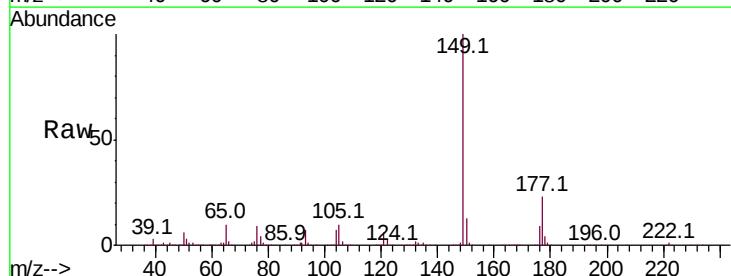


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

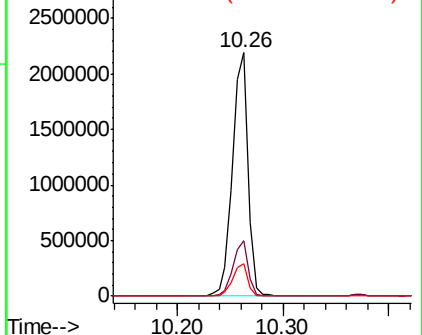
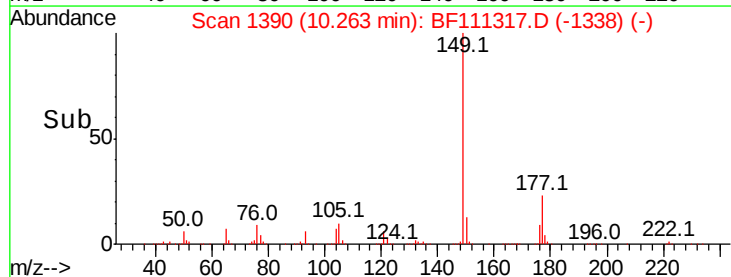


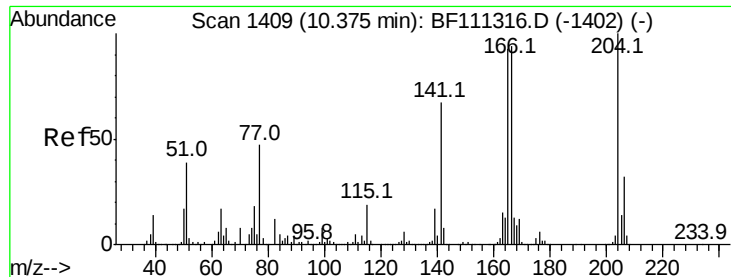
#60
 Diethylphthalate
 Concen: 48.995 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:	149	Resp:	2201321
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	13.1	10.6	15.8



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

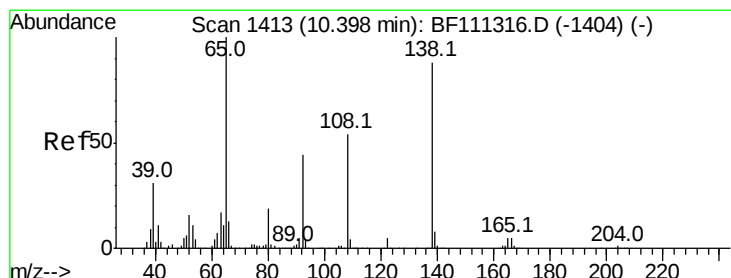
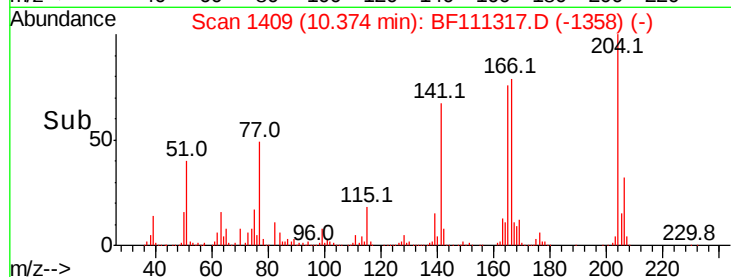
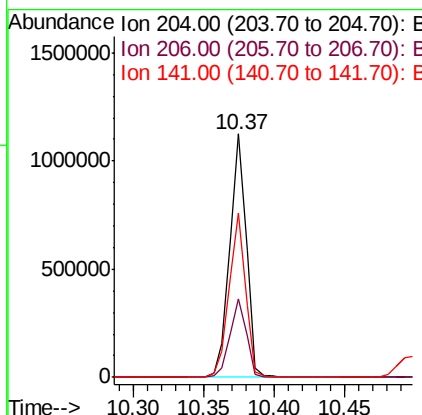
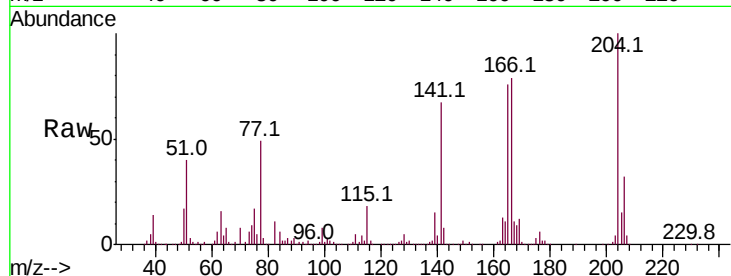




#61
4-Chlorophenyl-phenylether
Concen: 46.356 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

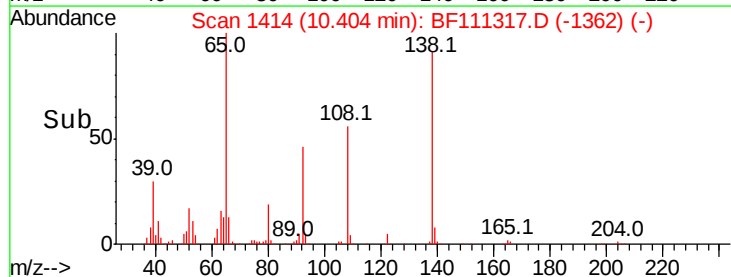
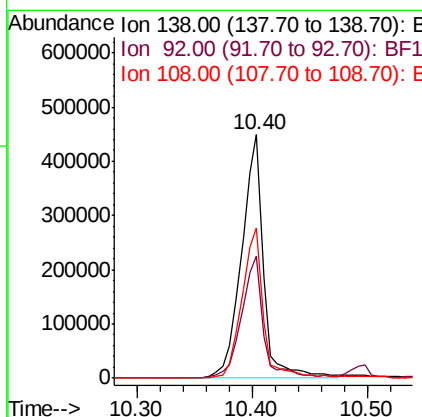
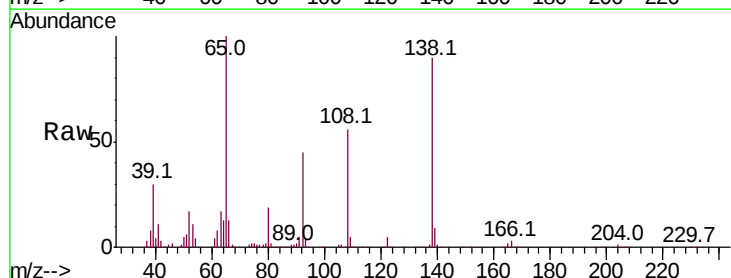
Instrument :
BNA_F
ClientSampled :

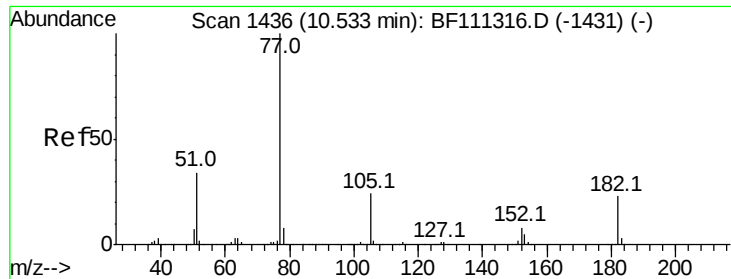
Tot Ion:204 Resp: 922533
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 67.2 52.6 78.8



#62
4-Nitroaniline
Concen: 48.591 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:138 Resp: 590619
Ion Ratio Lower Upper
138 100
92 50.0 29.9 69.9
108 61.6 43.2 83.2

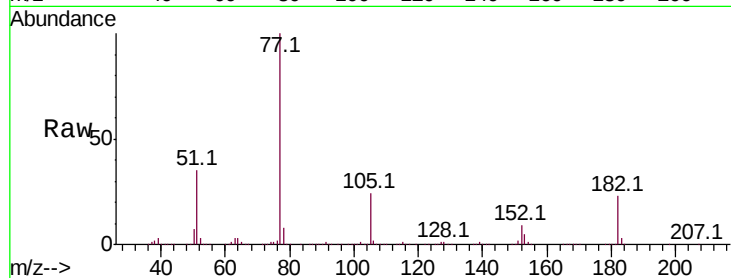




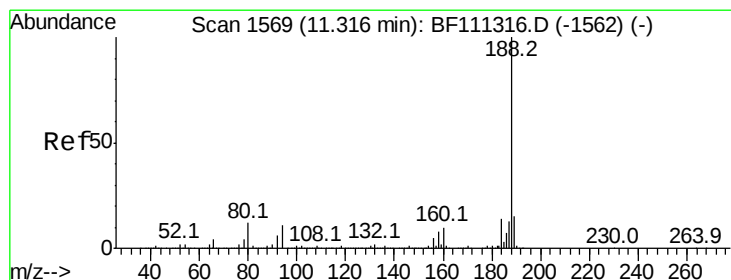
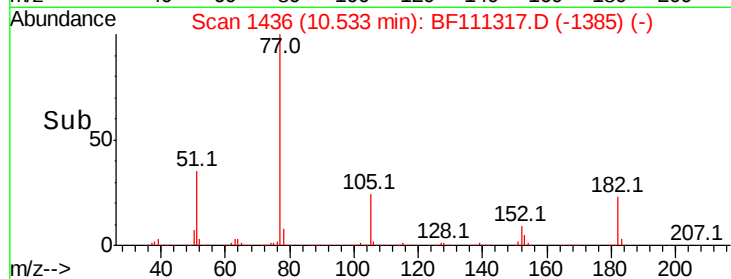
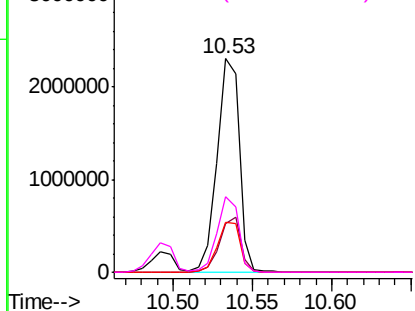
#63
Azobenzene
Concen: 47.941 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2236290
Ion Ratio Lower Upper
77 100
182 22.8 4.9 44.9
105 23.6 6.0 46.0
51 35.4 14.7 54.7

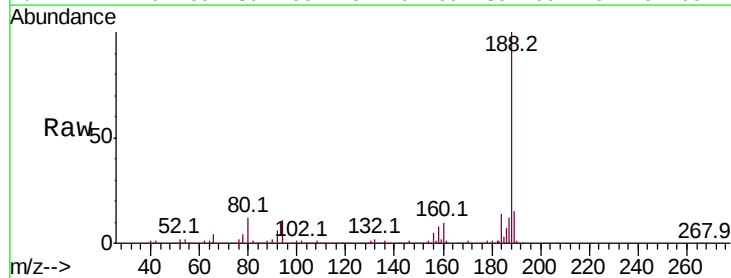


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

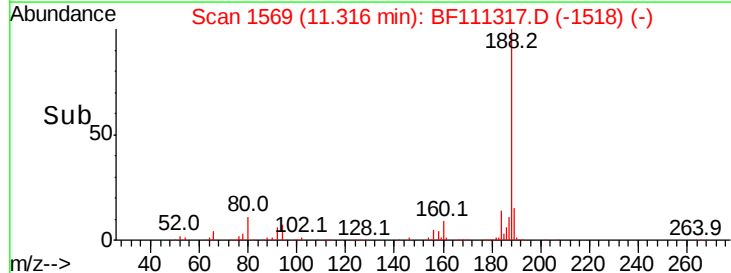
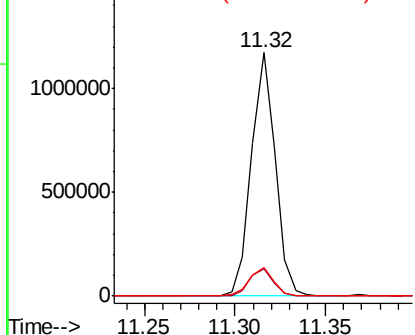


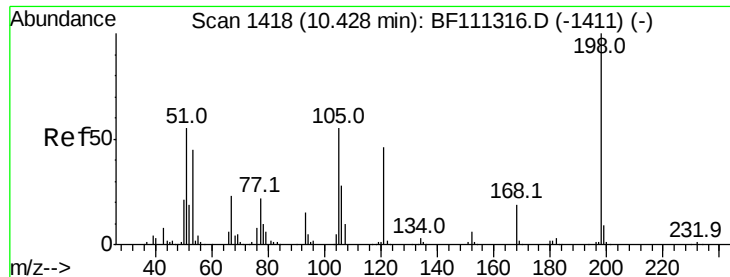
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 188 Resp: 1083856
Ion Ratio Lower Upper
188 100
94 11.1 9.6 14.4
80 11.9 9.8 14.6



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

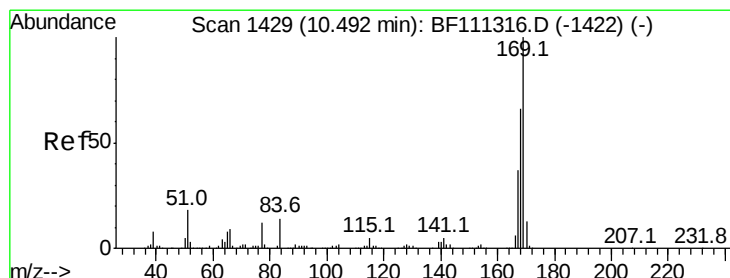
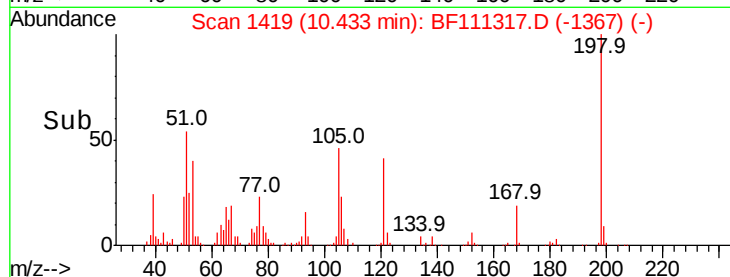
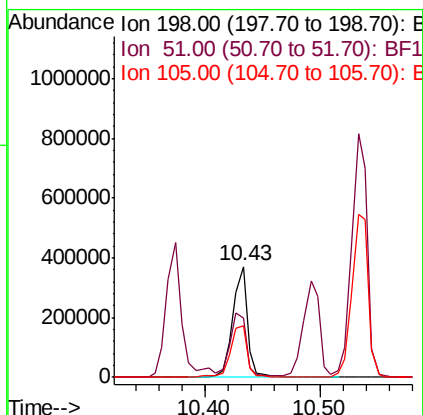
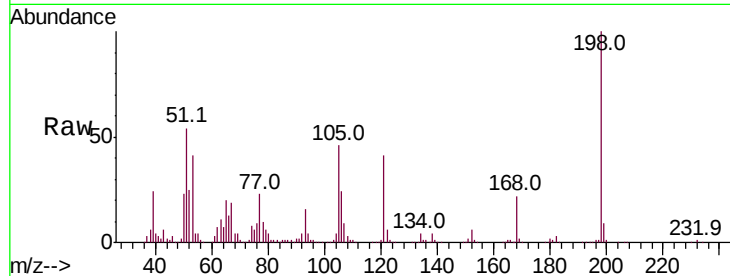




#65
4,6-Dinitro-2-methylphenol
Concen: 56.087 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

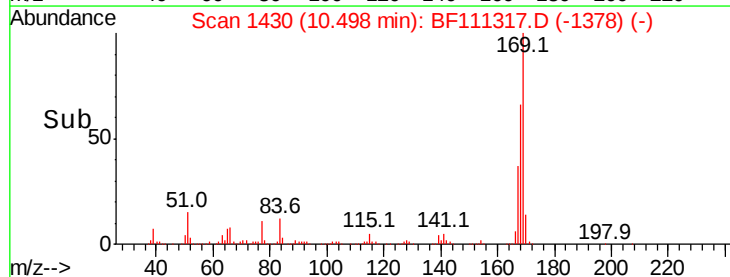
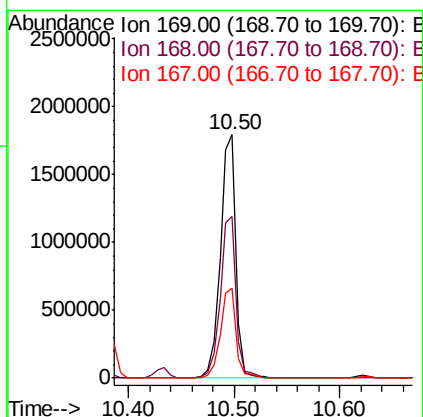
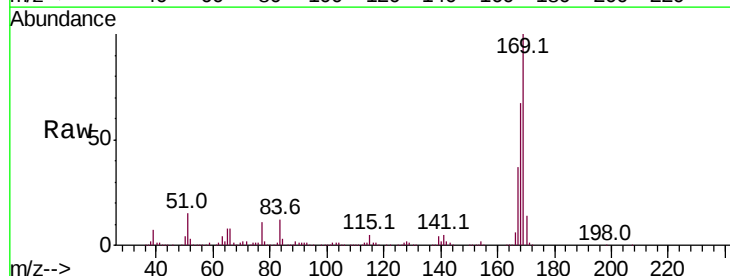
Instrument :
BNA_F
ClientSampled :

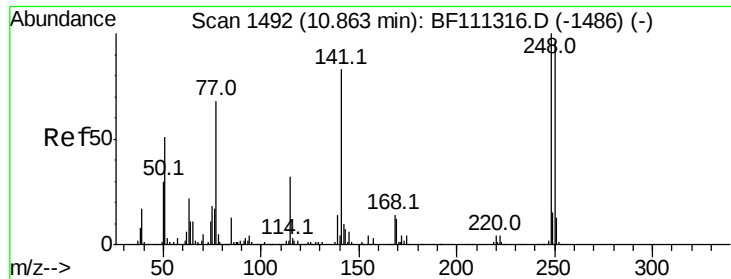
Tot Ion:198 Resp: 328008
Ion Ratio Lower Upper
198 100
51 54.0 48.0 88.0
105 46.2 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 50.131 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:169 Resp: 1849582
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 37.2 30.5 45.7

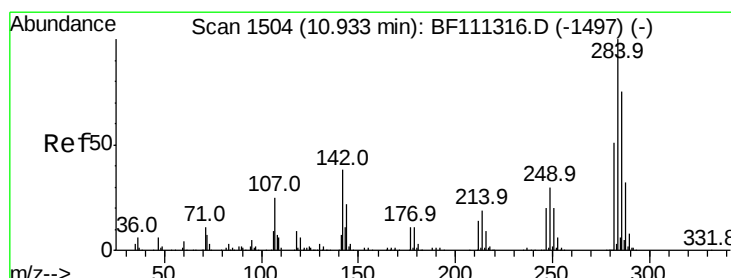
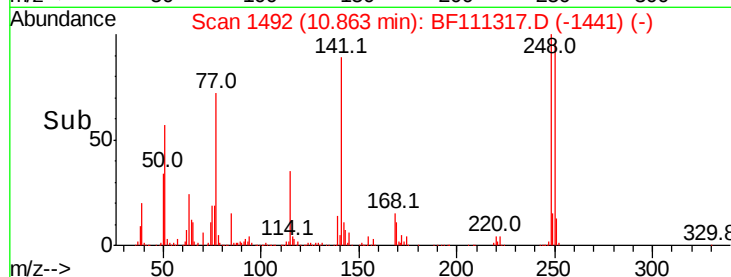
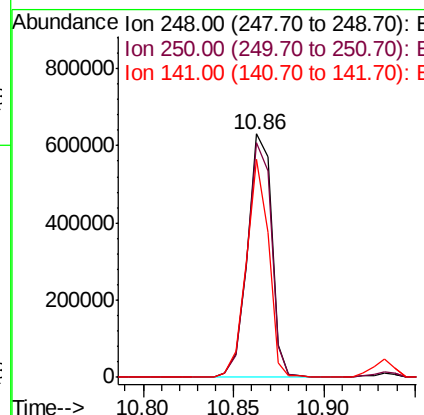
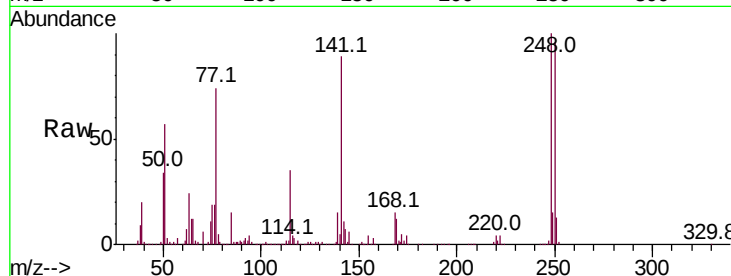




#67
4-Bromophenyl-phenylether
Concen: 49.386 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

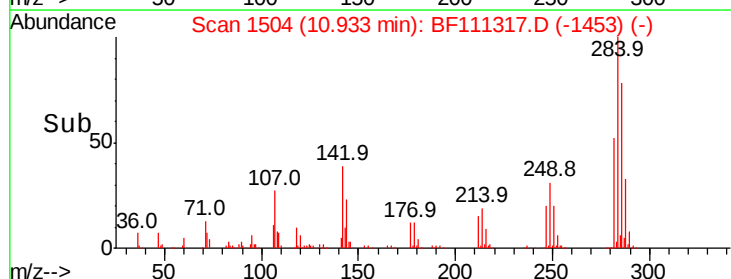
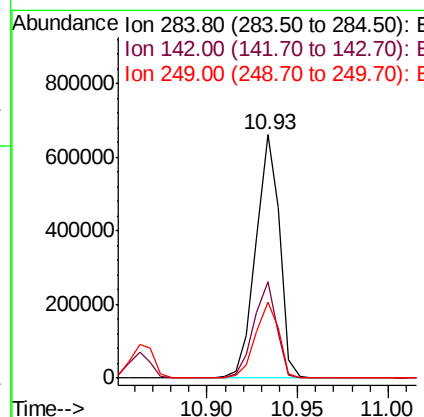
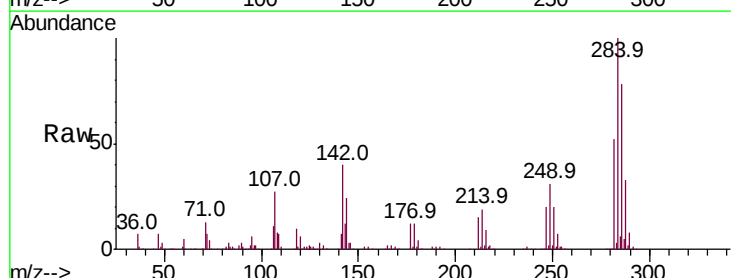
Instrument :
BNA_F
ClientSampleId :

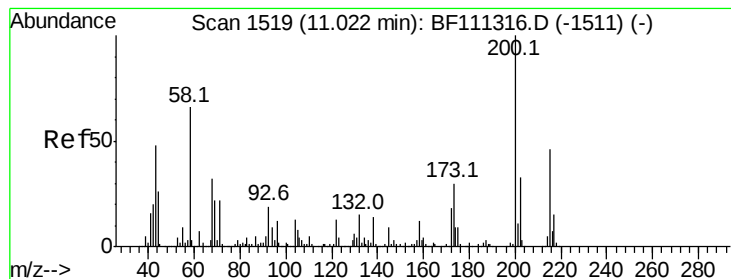
Tot Ion:248 Resp: 586278
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.4
141 89.3 63.0 94.6



#68
Hexachlorobenzene
Concen: 49.888 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:284 Resp: 602456
Ion Ratio Lower Upper
284 100
142 39.7 27.4 41.2
249 31.4 24.4 36.6





#69

Atrazine

Concen: 47.354 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

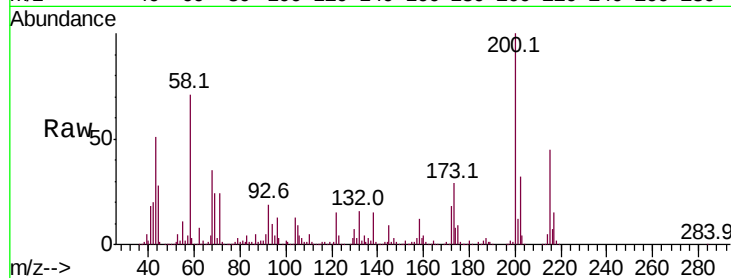
Tot Ion:200 Resp: 531289

Ion Ratio Lower Upper

200 100

173 29.0 10.1 50.1

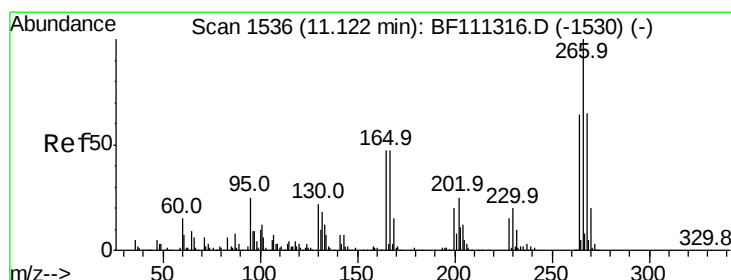
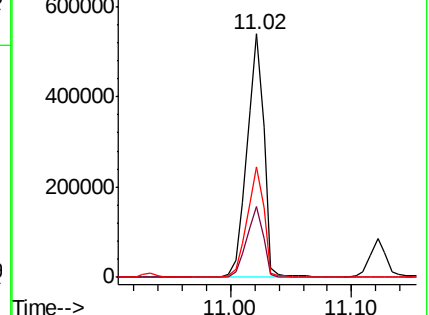
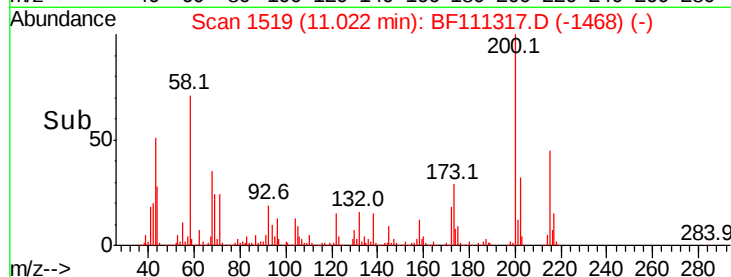
215 45.5 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 49.668 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

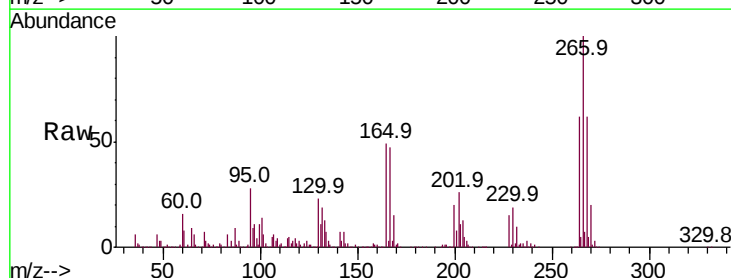
Tgt Ion:266 Resp: 435118

Ion Ratio Lower Upper

266 100

268 62.5 47.9 71.9

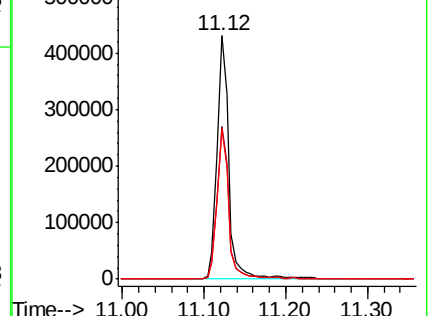
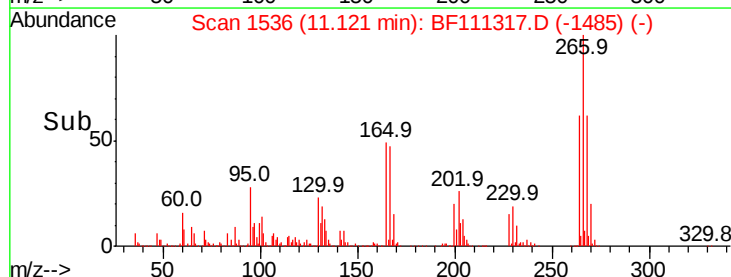
264 61.6 49.1 73.7

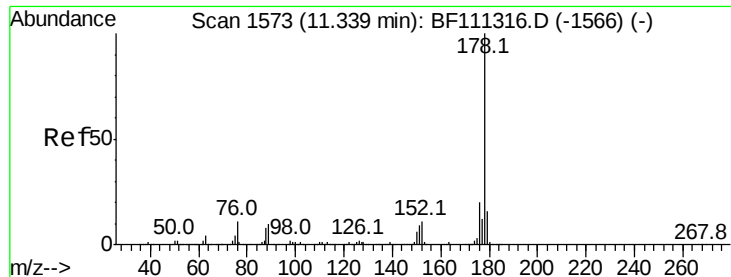


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.541 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

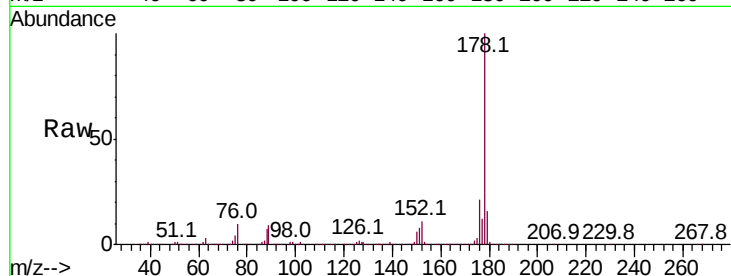
Tot Ion:178 Resp: 2653684

Ion Ratio Lower Upper

178 100

176 20.6 18.1 27.1

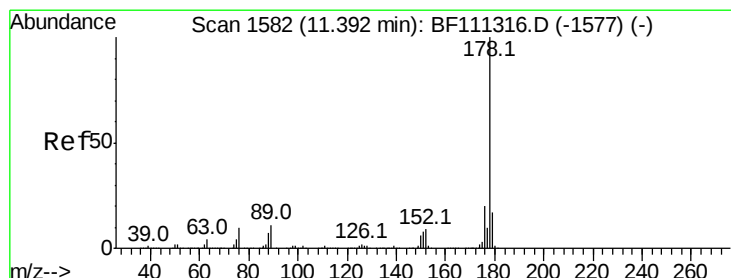
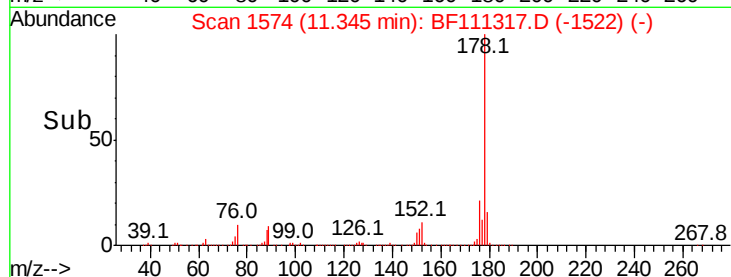
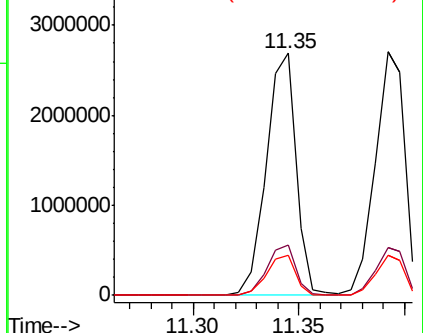
179 16.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.084 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

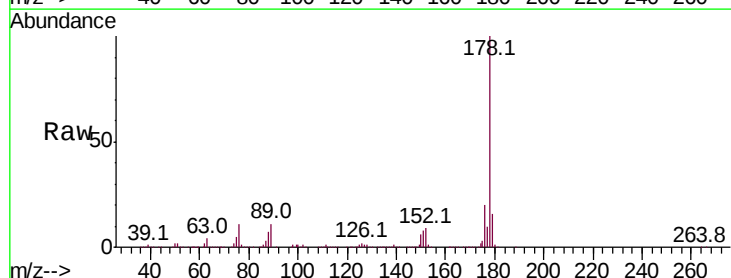
Tgt Ion:178 Resp: 2692921

Ion Ratio Lower Upper

178 100

176 19.8 17.2 25.8

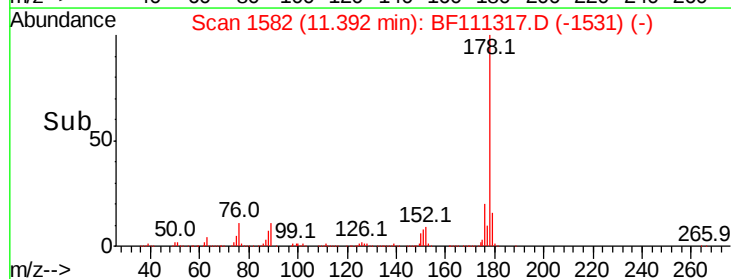
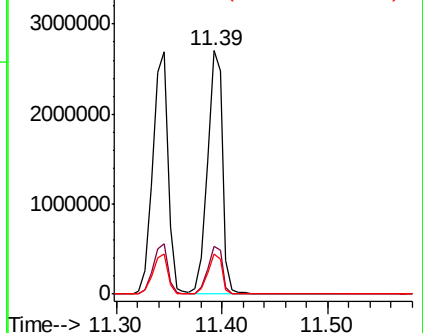
179 16.4 13.8 20.8

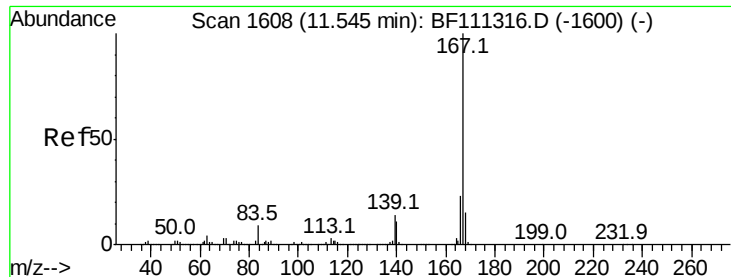


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



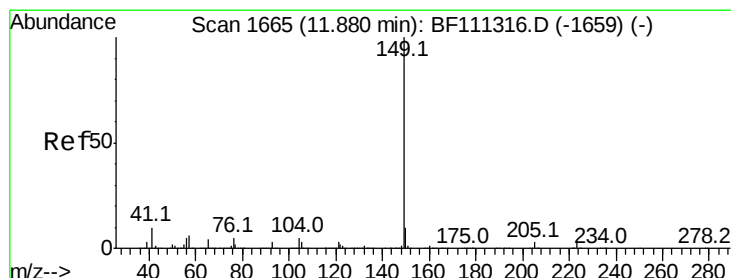
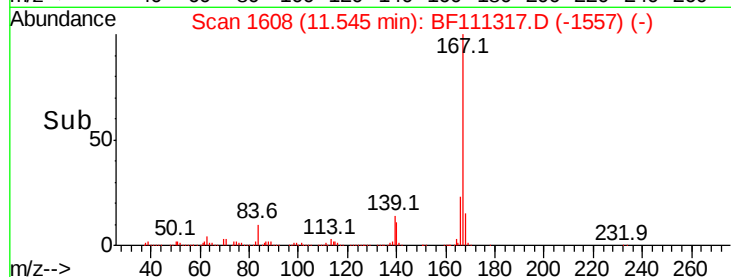
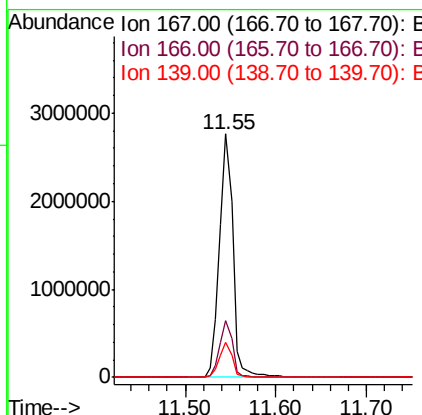
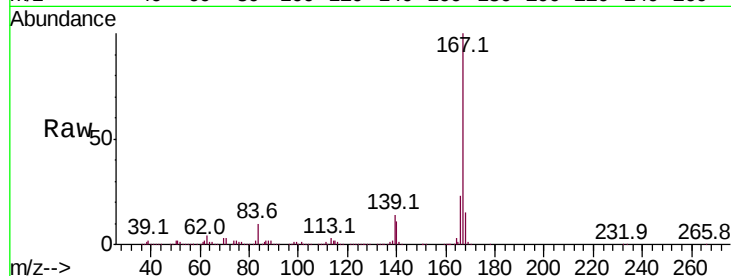


#73
 Carbazole
 Concen: 47.115 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2817729

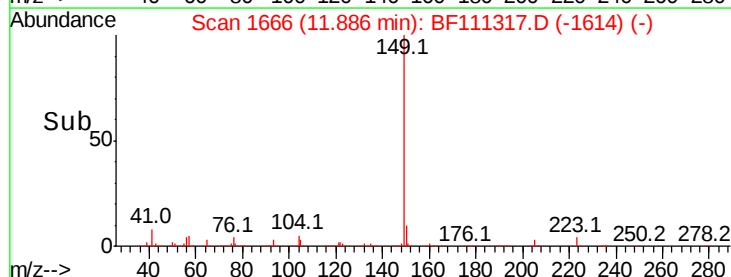
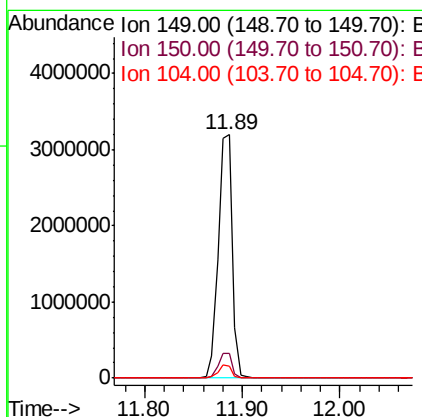
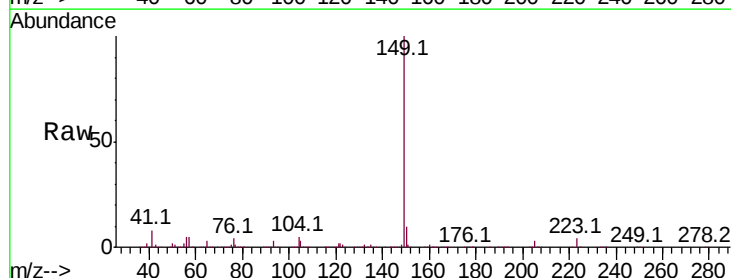
Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.3	28.9
139	14.3	11.9	17.9

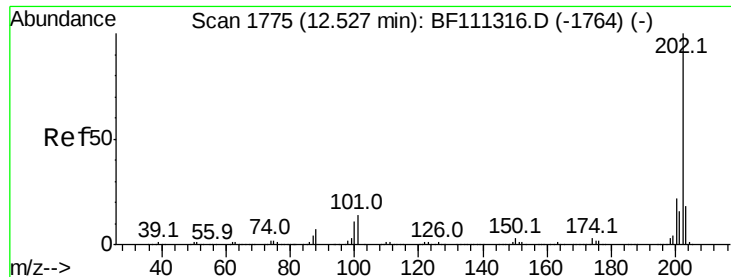


#74
 Di-n-butylphthalate
 Concen: 51.620 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:149 Resp: 3173111

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.8	13.2
104	4.9	4.5	6.7



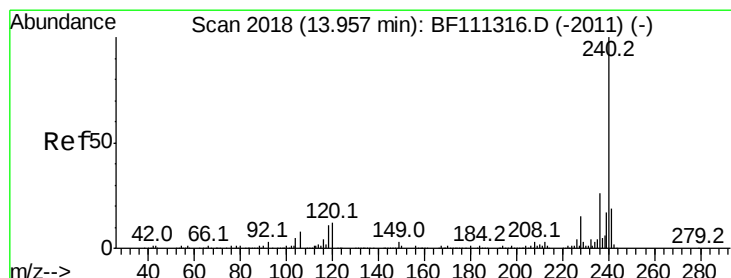
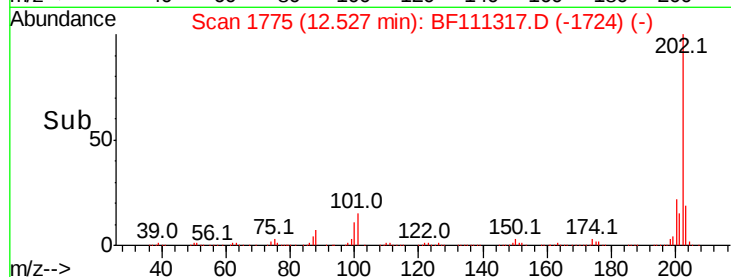
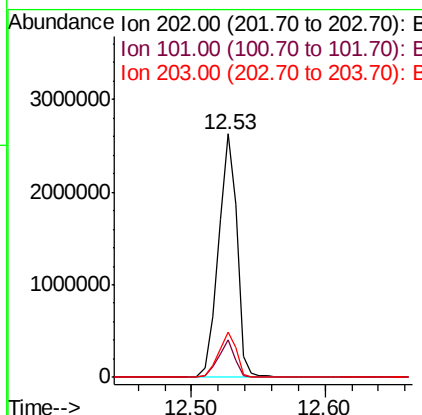
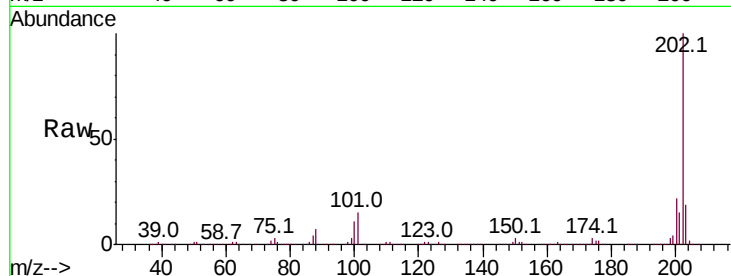


#75
 Fluoranthene
 Concen: 51.414 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2567611

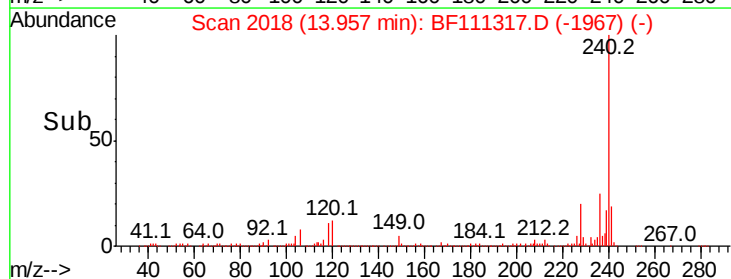
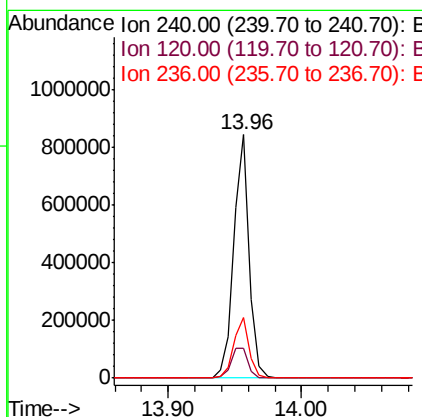
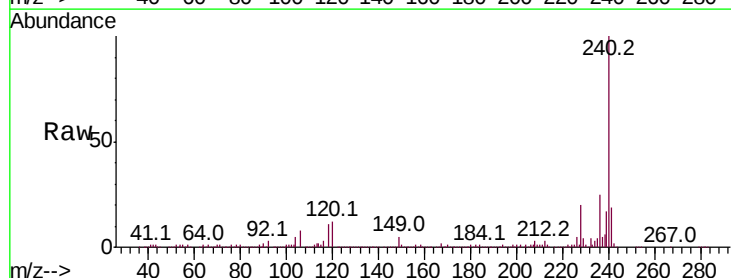
Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.8
203	18.8	0.0	38.6

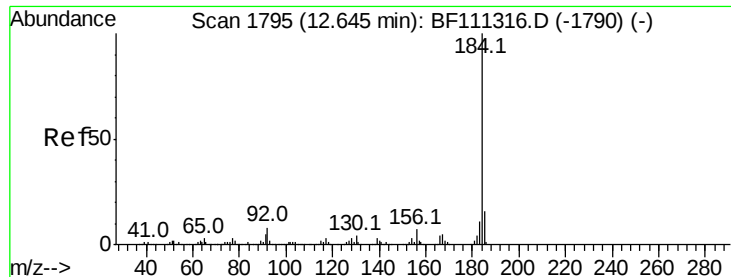


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:240 Resp: 685559

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.2	18.2#
236	24.9	20.2	30.2





#77

Benzidine

Concen: 35.059 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

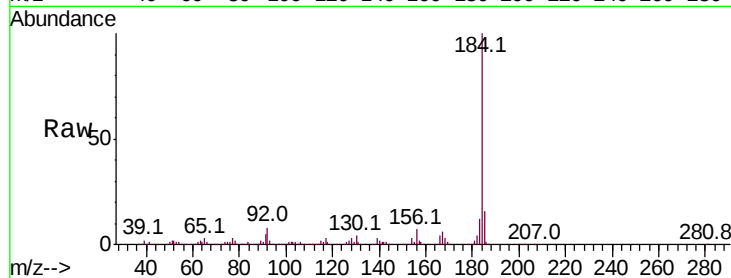
Tot Ion:184 Resp: 713655

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

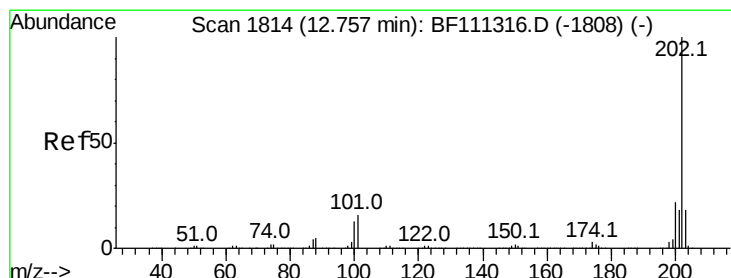
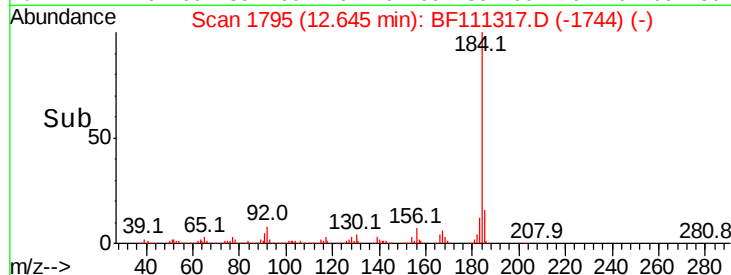
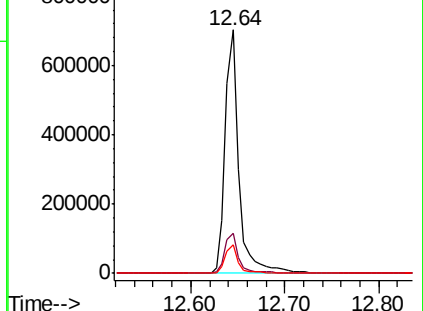
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.263 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

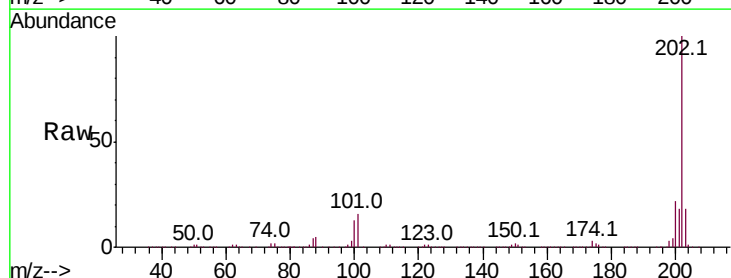
Tgt Ion:202 Resp: 2658356

Ion Ratio Lower Upper

202 100

200 22.3 19.0 28.4

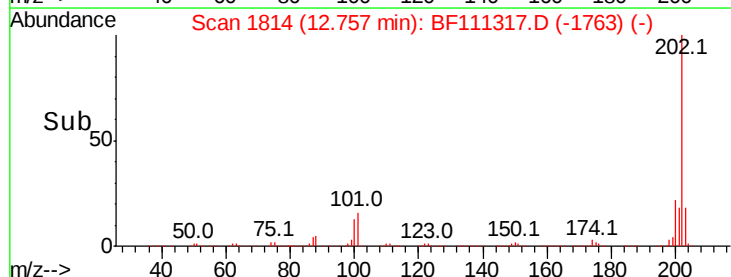
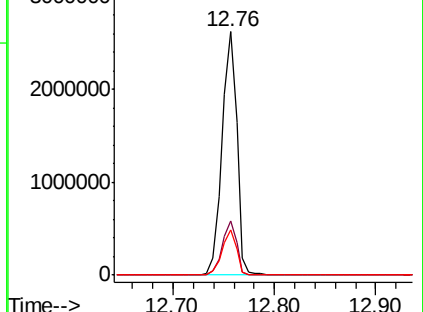
203 18.3 15.2 22.8

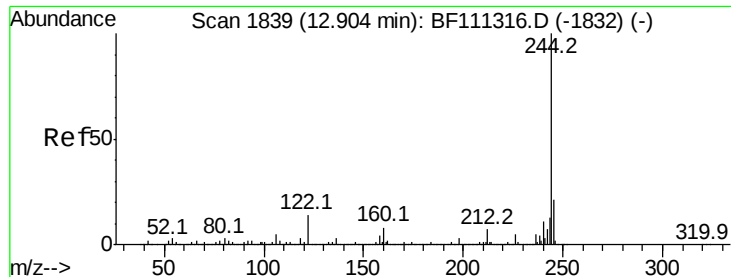


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.480 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

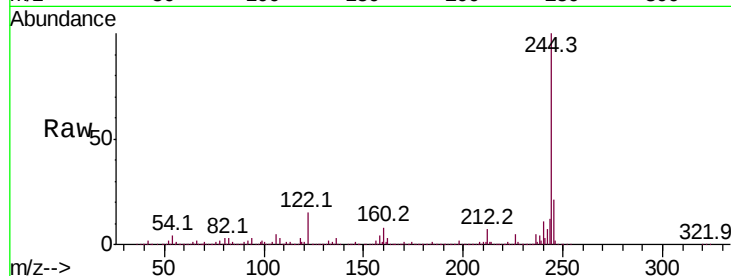
Tot Ion:244 Resp: 2986150

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

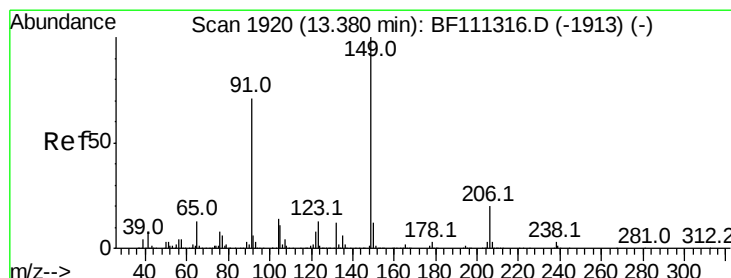
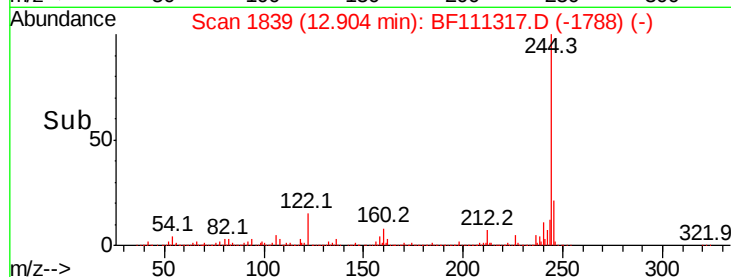
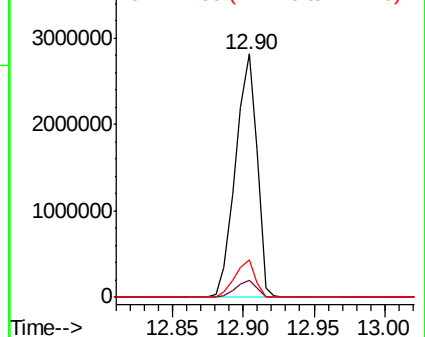
122 15.2 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.194 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

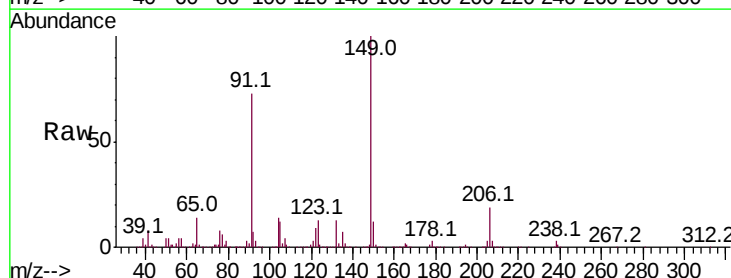
Tgt Ion:149 Resp: 1284393

Ion Ratio Lower Upper

149 100

91 72.6 63.8 95.6

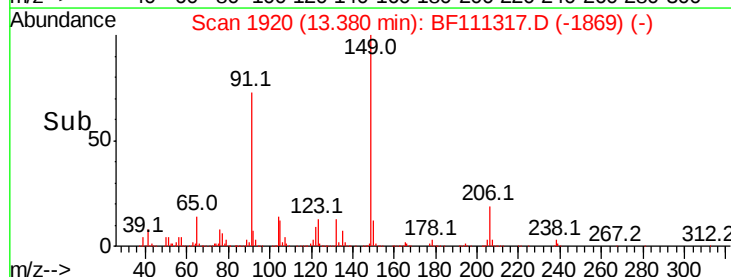
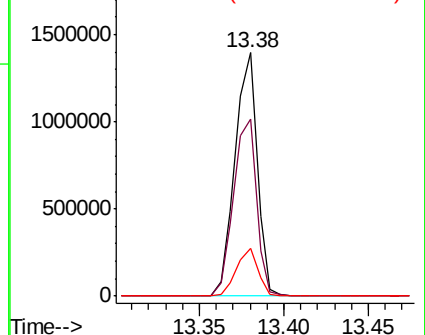
206 19.4 15.1 22.7

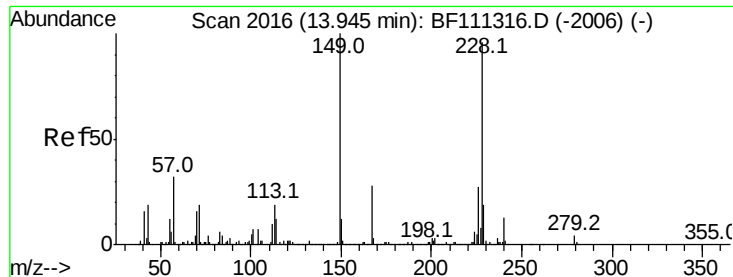


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.022 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampled :

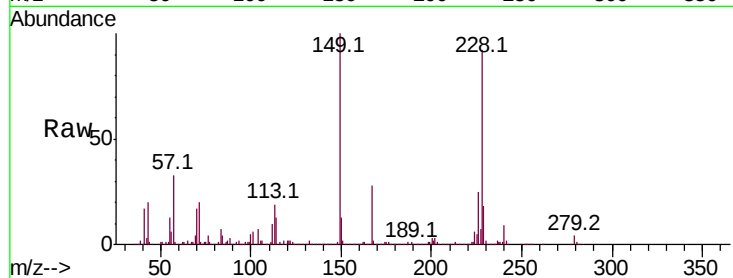
Tot Ion:228 Resp: 1836690

Ion Ratio Lower Upper

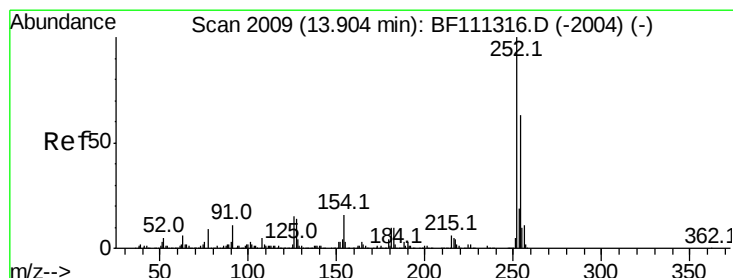
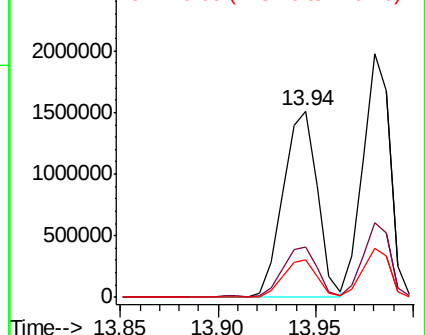
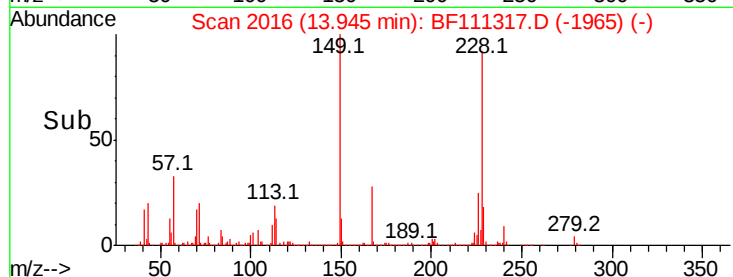
228 100

226 27.2 22.6 34.0

229 20.0 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 43.182 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

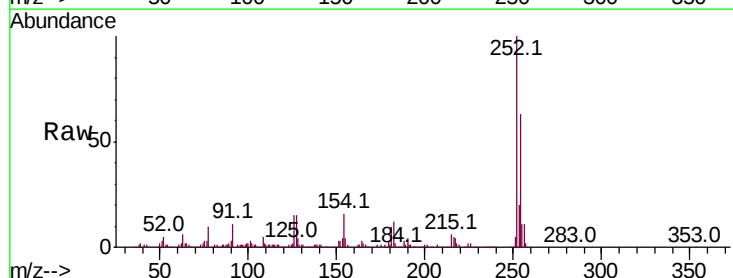
Tgt Ion:252 Resp: 676935

Ion Ratio Lower Upper

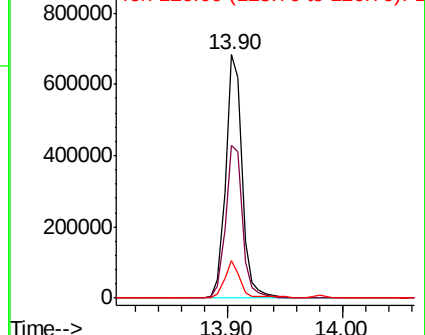
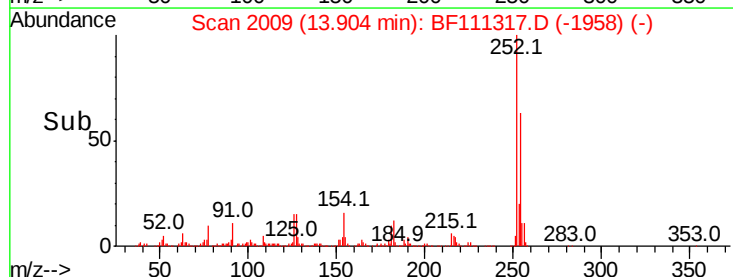
252 100

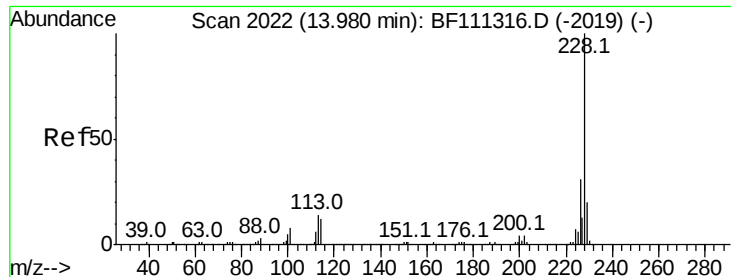
254 62.9 52.7 79.1

126 15.4 11.1 16.7



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



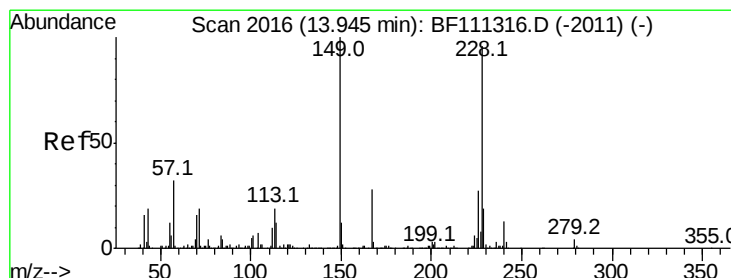
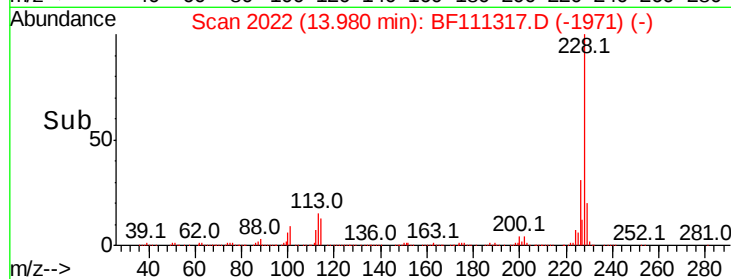
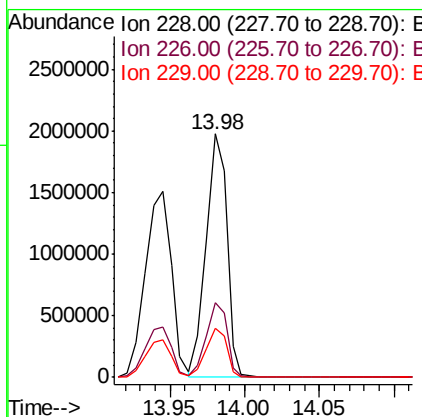
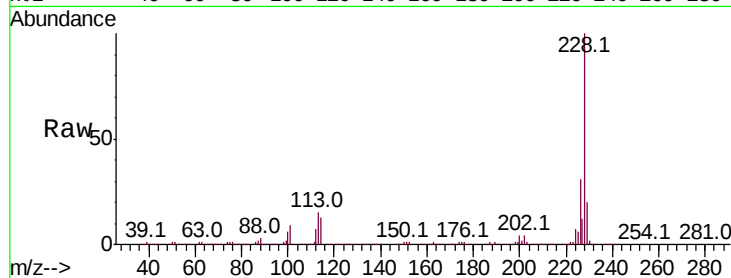


#83
 Chrysene
 Concen: 48.264 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1903017

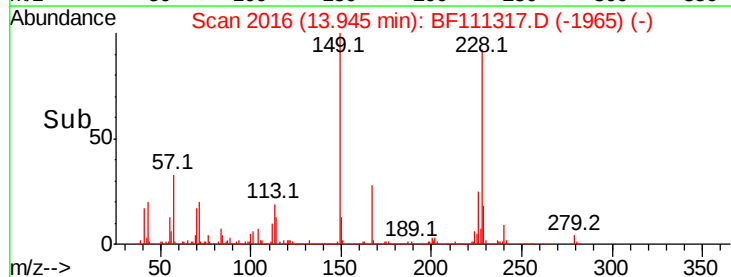
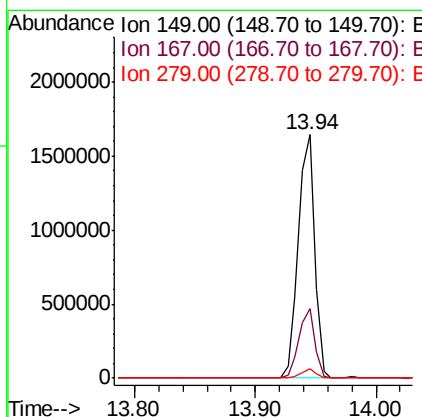
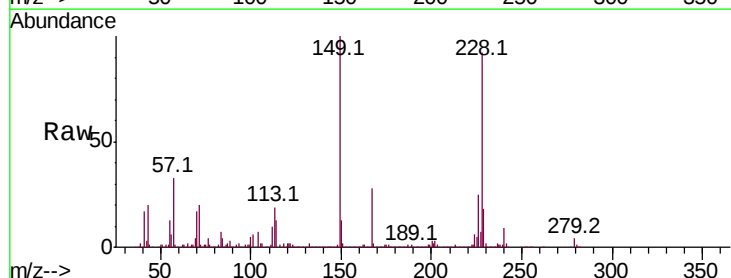
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.3	37.9
229	20.4	17.2	25.8

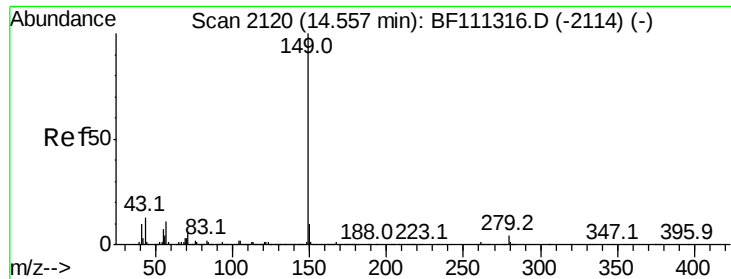


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.452 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion:149 Resp: 1534062

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	3.7	2.6	4.0

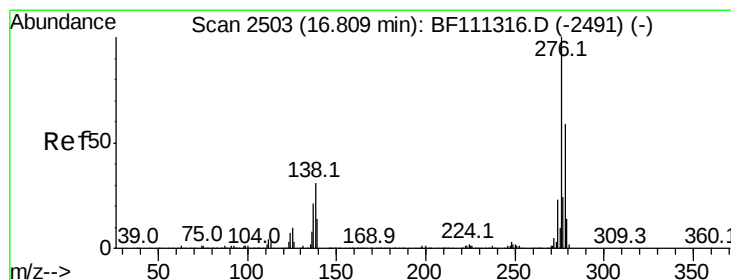
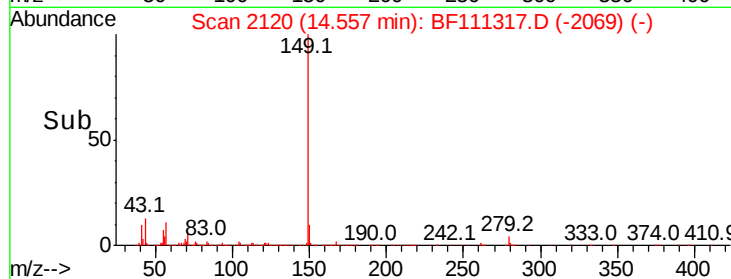
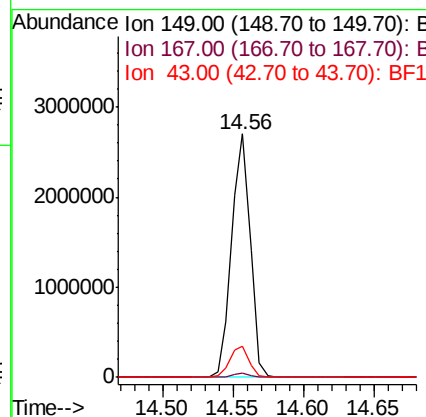
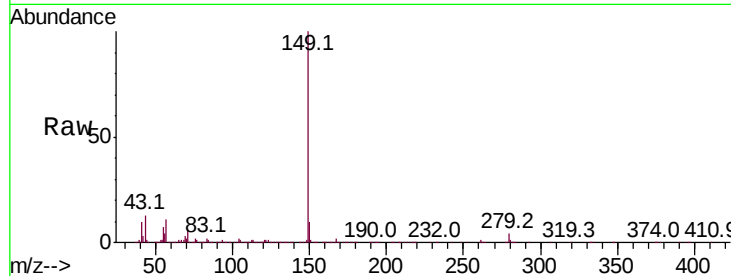




#85
Di-n-octyl phthalate
Concen: 48.522 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

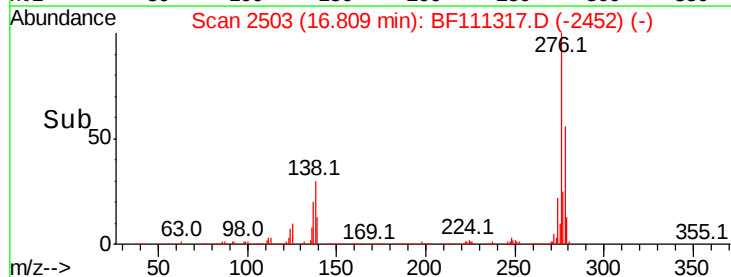
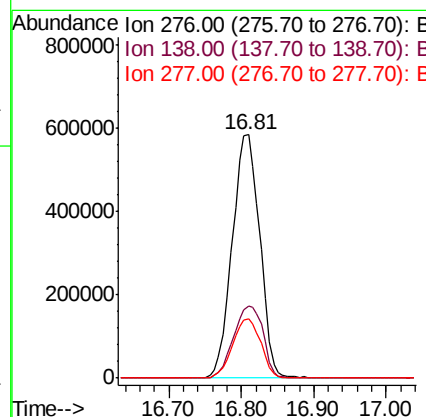
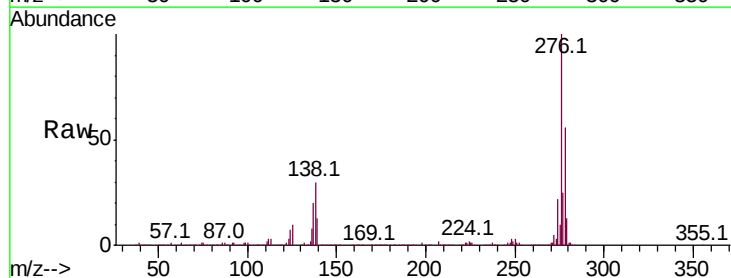
Instrument :
BNA_F
ClientSampleId :

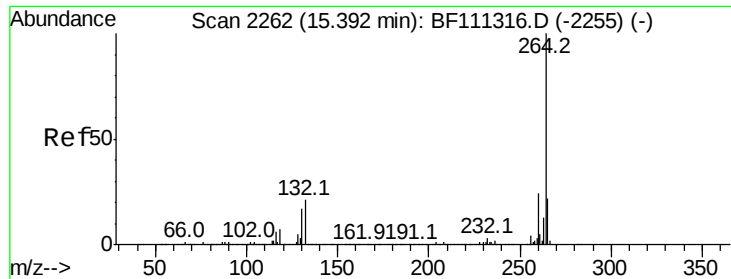
Tot Ion:149 Resp: 2472865
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.2 10.9 16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.356 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:276 Resp: 1539083
Ion Ratio Lower Upper
276 100
138 31.8 27.8 41.6
277 24.9 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

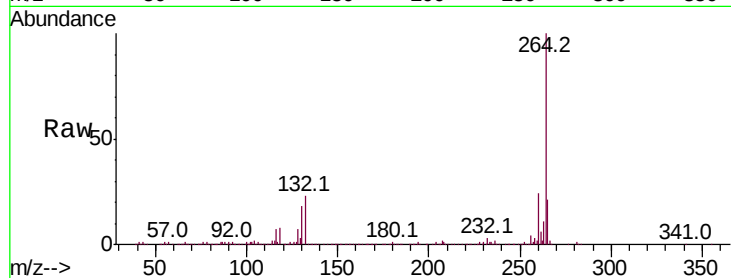
Tot Ion:264 Resp: 558867

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

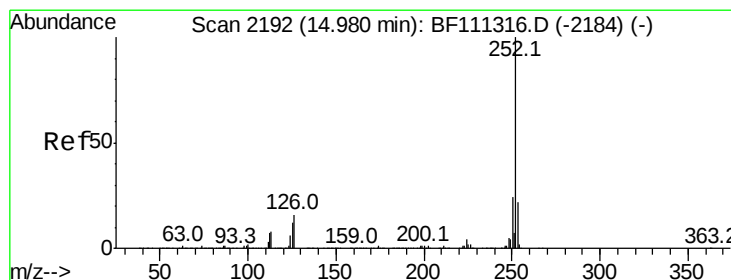
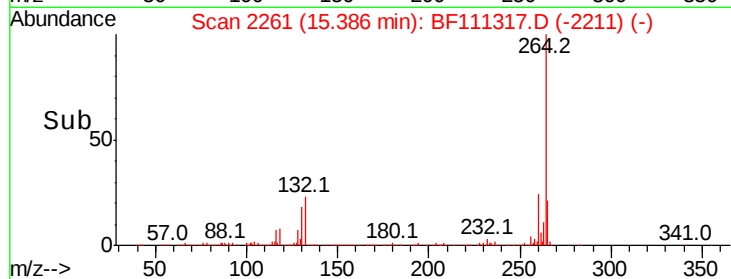
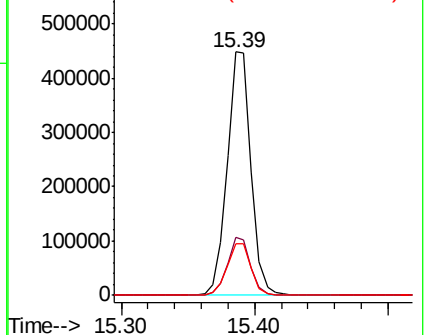
265 21.2 17.7 26.5



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: 51.299 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

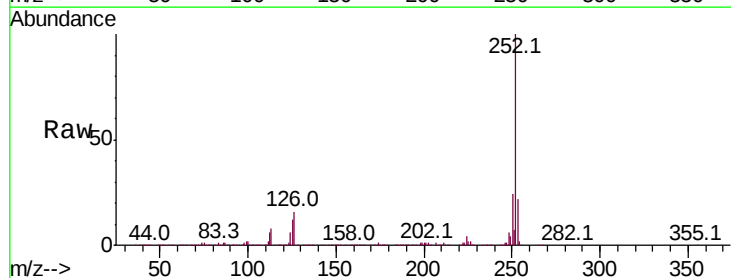
Tgt Ion:252 Resp: 1585484

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

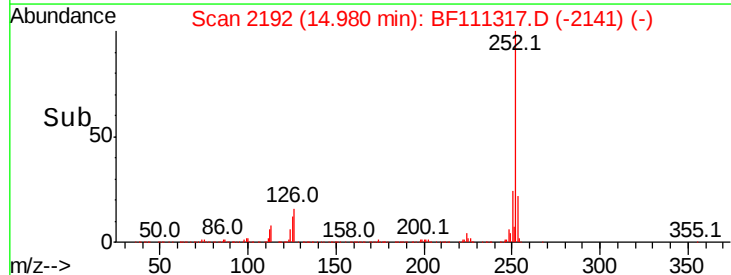
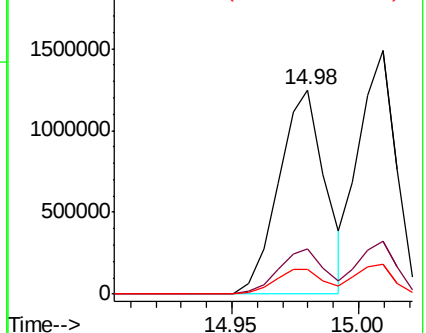
125 11.8 10.4 15.6

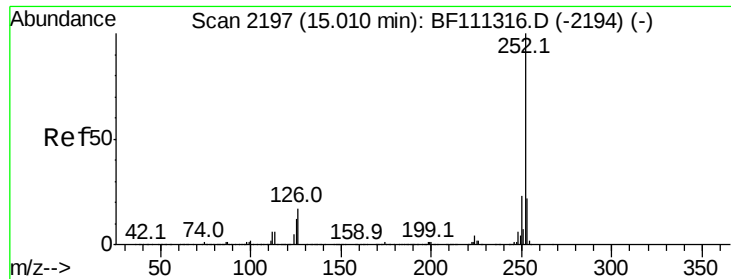


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

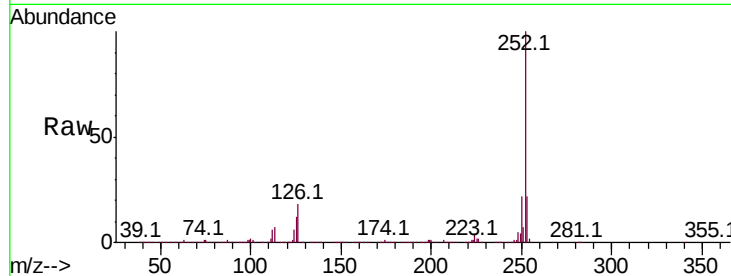




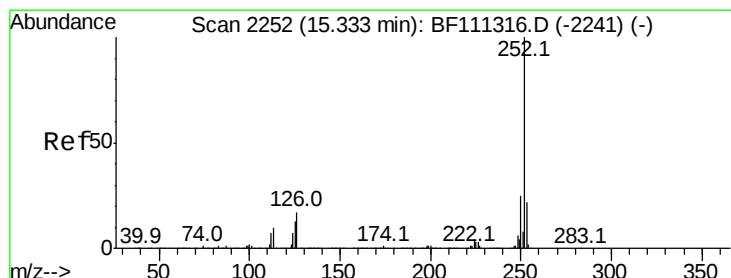
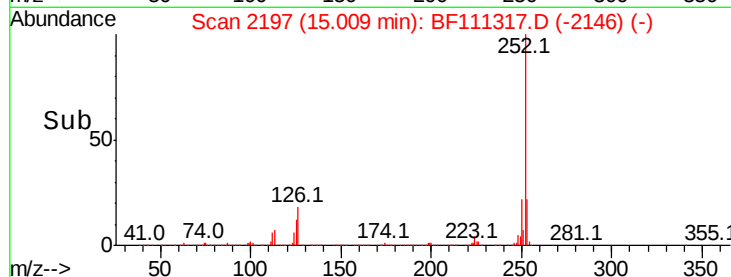
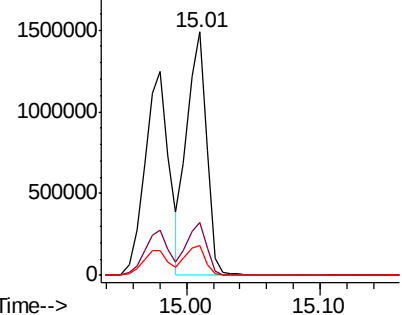
#89
Benzo(k)fluoranthene
Concen: 52.281 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1519175
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.3 9.8 14.8

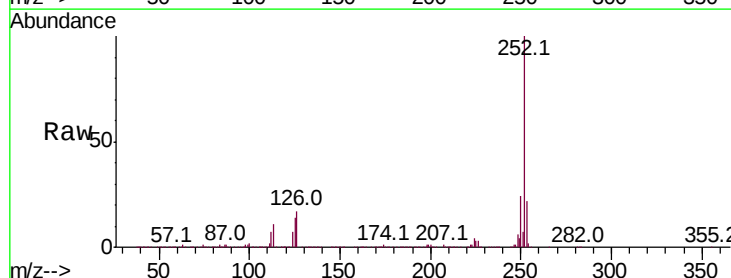


Abundance Ion 252.00 (251.70 to 252.70): E
2000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

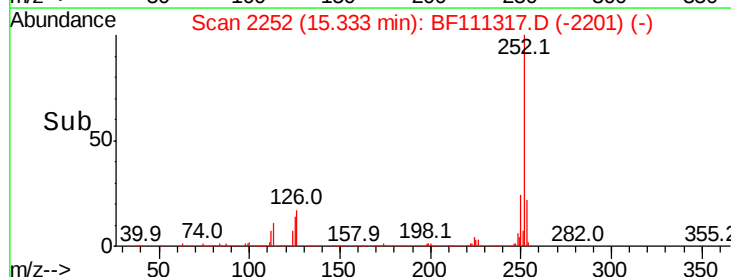
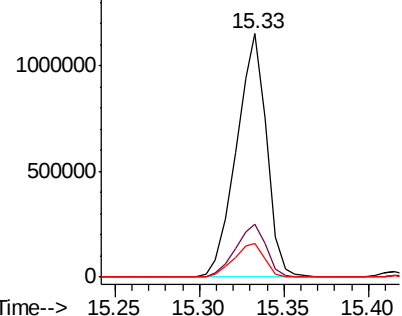


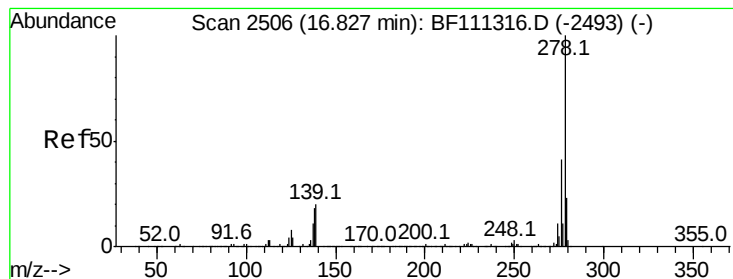
#90
Benzo(a)pyrene
Concen: 50.296 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:252 Resp: 1431475
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 14.0 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 56.881 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

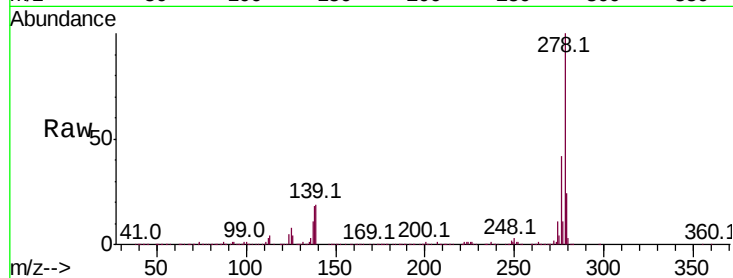
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1271546

Ion	Ratio	Lower	Upper
278	100		
139	19.4	18.2	27.4
279	24.2	19.0	28.6

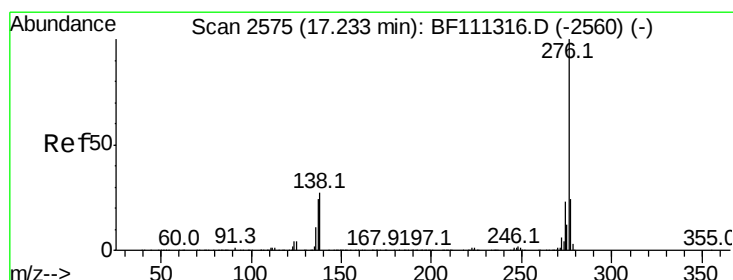
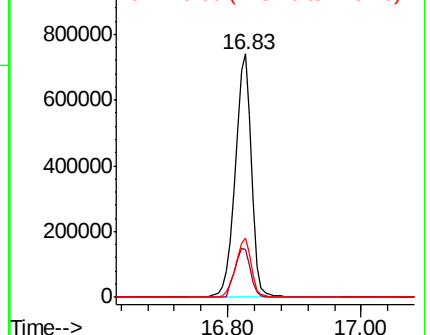
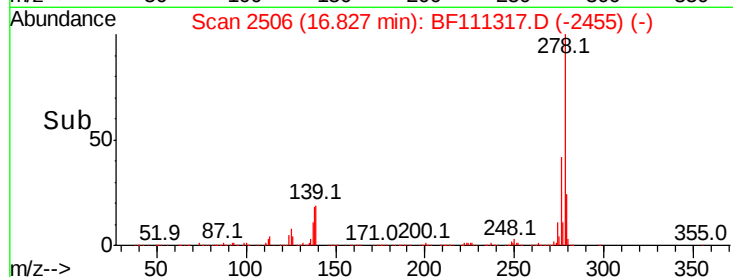


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.047 ng

RT: 17.24 min Scan# 2576

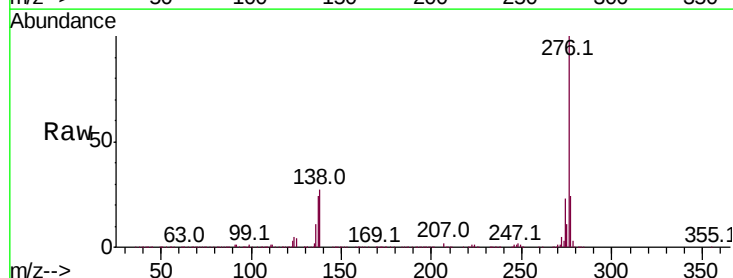
Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Tgt Ion:276 Resp: 1298965

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	27.0	24.9	37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

