

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113811.D
 Acq On : 18 Apr 2019 9:04
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:54:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183635	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	724807	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	372472	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	715940	20.00	ng	0.00
76) Chrysene-d12	14.04	240	582312	20.00	ng	0.00
87) Perylene-d12	15.51	264	447861	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	898671	83.45	ng	0.00
7) Phenol-d6	6.52	99	1121785	84.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	970036	78.39	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	337197	75.36	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1864341	80.58	ng	0.00
79) Terphenyl-d14	13.00	244	2204216	77.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	218838	42.906	ng	100
3) Pyridine	3.45	79	598301	44.824	ng	100
4) n-Nitrosodimethylamine	3.40	42	211901	37.364	ng	100
6) Aniline	6.56	93	790574	49.140	ng	100
8) 2-Chlorophenol	6.68	128	508859	40.841	ng	100
9) Benzaldehyde	6.44	77	321329	40.716	ng	100
10) Phenol	6.53	94	627119	41.370	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	507019	42.997	ng	100
12) 1,3-Dichlorobenzene	6.84	146	559979	41.734	ng	100
13) 1,4-Dichlorobenzene	6.92	146	558746	41.208	ng	100
14) 1,2-Dichlorobenzene	7.07	146	519091	42.413	ng	100
15) Benzyl Alcohol	7.03	79	454964	50.696	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	613540	33.427	ng	100
17) 2-Methylphenol	7.14	107	406669	42.117	ng	100
18) Hexachloroethane	7.42	117	199598	40.442	ng	100
19) n-Nitroso-di-n-propylamine	7.31	70	366719	44.806	ng	100
20) 3+4-Methylphenols	7.29	107	500311	42.764	ng	100
22) Acetophenone	7.30	105	670835	42.140	ng	100
24) Nitrobenzene	7.47	77	546611	42.895	ng	100
25) Isophorone	7.72	82	979452	41.090	ng	100
26) 2-Nitrophenol	7.79	139	213948	31.195	ng	100
27) 2,4-Dimethylphenol	7.82	122	411834	42.003	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	628715	41.719	ng	100
29) 2,4-Dichlorophenol	8.03	162	438798	41.828	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	486077	42.667	ng	100
31) Naphthalene	8.20	128	1405400	40.019	ng	100
32) Benzoic acid	7.93	122	174557	22.991	ng	100
33) 4-Chloroaniline	8.24	127	586209	42.097	ng	100
34) Hexachlorobutadiene	8.32	225	299301	43.093	ng	100
35) Caprolactam	8.61	113	140767	42.271	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	433611	41.175	ng	100
37) 2-Methylnaphthalene	8.89	142	926539	40.114	ng	100
38) 1-Methylnaphthalene	8.99	142	903267	40.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	479870	39.836	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	265220	74.116	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	303216	39.877	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	334224	40.942	ng	100
46) 1,1'-Biphenyl	9.35	154	1151284	37.457	ng	100
47) 2-Chloronaphthalene	9.38	162	934892	40.174	ng	100
48) 2-Nitroaniline	9.46	65	246256	34.583	ng	100
49) Acenaphthylene	9.79	152	1474684	38.970	ng	100
50) Dimethylphthalate	9.65	163	1059879	38.603	ng	100
51) 2,6-Dinitrotoluene	9.71	165	233065	38.510	ng	100
52) Acenaphthene	9.97	154	854546	39.450	ng	100
53) 3-Nitroaniline	9.87	138	248153	36.064	ng	100
54) 2,4-Dinitrophenol	9.97	184	66731	23.568	ng	100
55) Dibenzofuran	10.14	168	1293041	40.693	ng	100
56) 4-Nitrophenol	10.02	139	204385	47.883	ng	100
57) 2,4-Dinitrotoluene	10.11	165	291669	39.848	ng	100
58) Fluorene	10.48	166	956136	38.045	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	285622	40.421	ng	100
60) Diethylphthalate	10.35	149	1006845	38.035	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	497087	40.212	ng	100
62) 4-Nitroaniline	10.49	138	234328	33.489	ng	100
63) Azobenzene	10.63	77	1046916	41.769	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	109256	28.987	ng	100
66) n-Nitrosodiphenylamine	10.59	169	874197	39.774	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	342871	42.701	ng	100
68) Hexachlorobenzene	11.03	284	377285	41.007	ng	100
69) Atrazine	11.11	200	279732	40.379	ng	100
70) Pentachlorophenol	11.22	266	211395	48.761	ng	100
71) Phenanthrene	11.44	178	1489835	41.878	ng	100
72) Anthracene	11.49	178	1497125	41.362	ng	100
73) Carbazole	11.64	167	1363181	40.268	ng	100
74) Di-n-butylphthalate	11.97	149	1521807	37.789	ng	100
75) Fluoranthene	12.62	202	1596136	41.869	ng	100
77) Benzidine	12.73	184	747563	34.523	ng	100
78) Pyrene	12.85	202	1615720	36.466	ng	100
80) Butylbenzylphthalate	13.47	149	600825	33.313	ng	100
81) Benzo(a)anthracene	14.04	228	1371908	40.842	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	508573	39.308	ng	100
83) Chrysene	14.07	228	1362672	40.018	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	724271	33.214	ng	100
85) Di-n-octyl phthalate	14.64	149	1137310	32.086	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	991244	31.529	ng	100
88) Benzo(b)fluoranthene	15.09	252	1162749	42.413	ng	100
89) Benzo(k)fluoranthene	15.12	252	1052172	42.764	ng	100
90) Benzo(a)pyrene	15.45	252	995223	40.854	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	822687	36.113	ng	100
92) Benzo(g,h,i)perylene	17.43	276	810325	34.849	ng	100

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

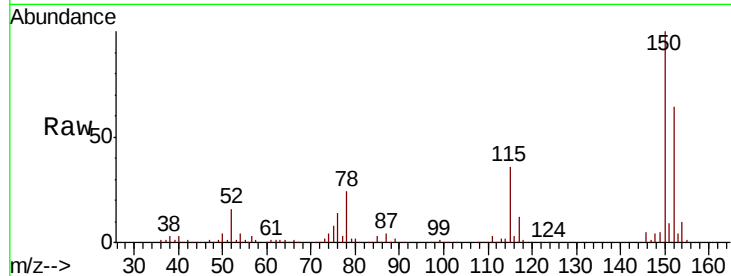


#1

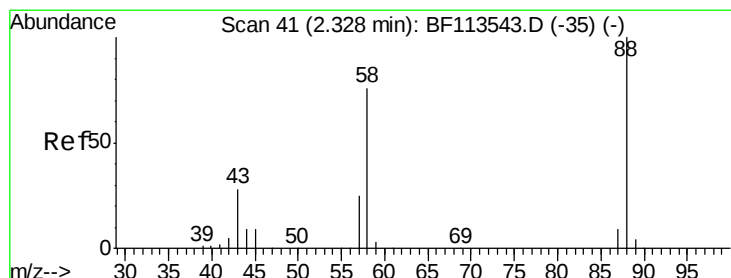
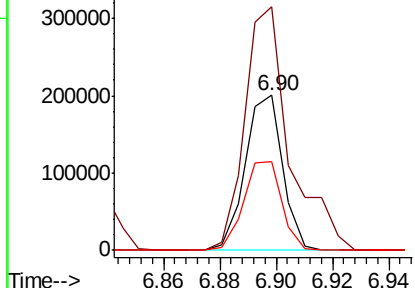
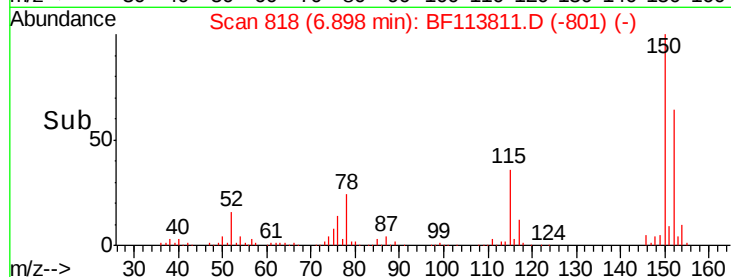
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	57.4	45.9	68.9



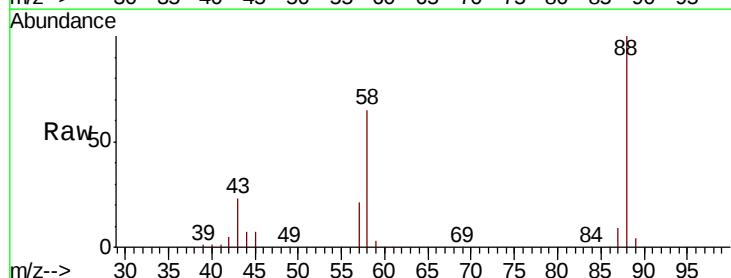
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



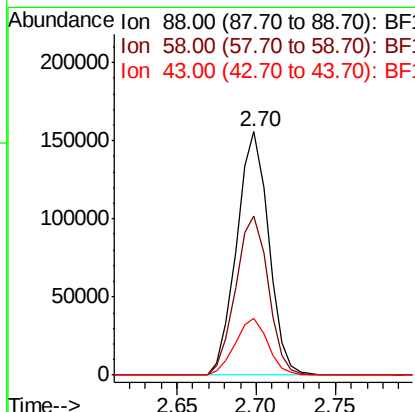
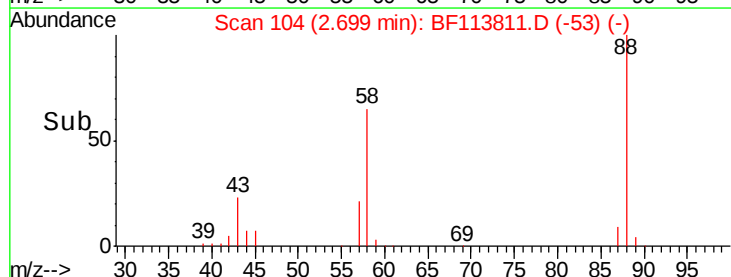
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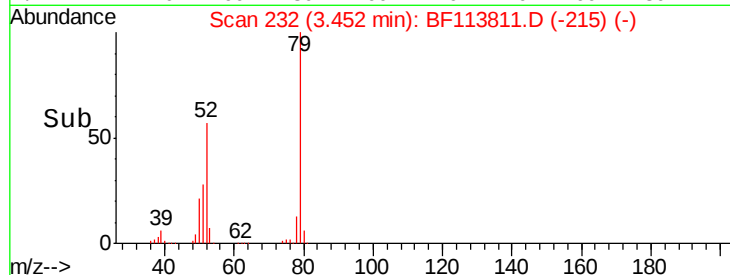
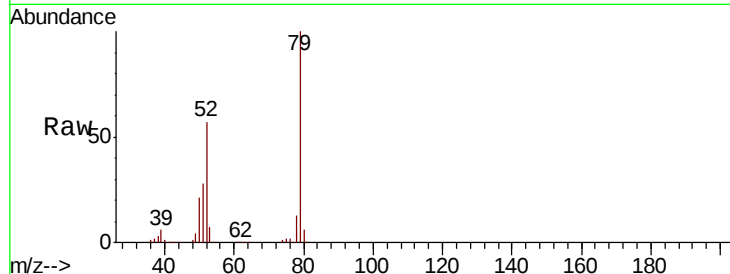
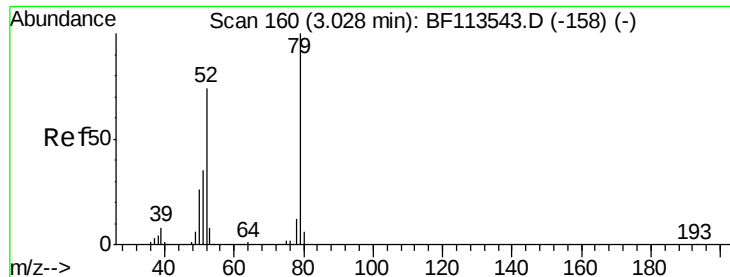
1,4-Dioxane
Concen: 42.906 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.3	79.9
43	23.7	19.0	28.4



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

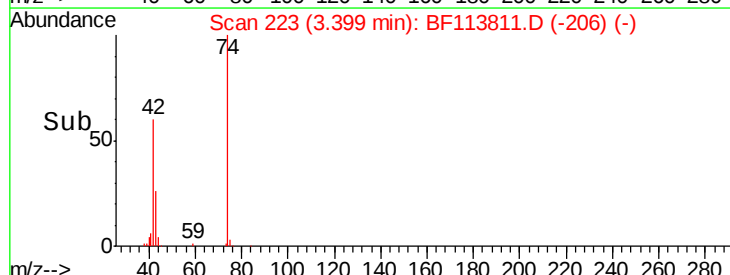
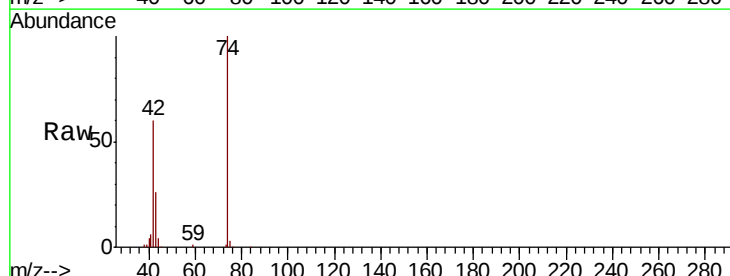
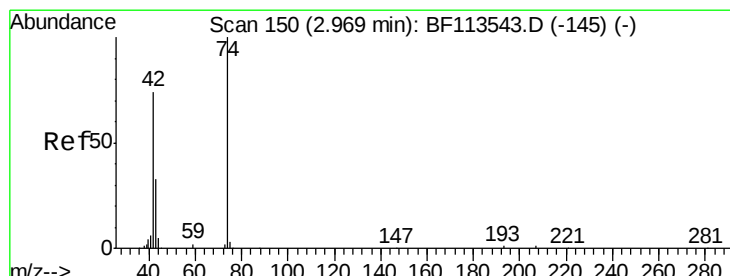
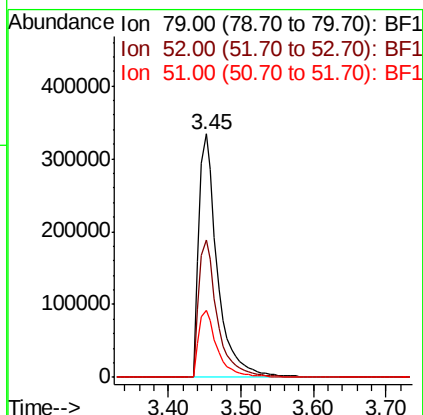




#3
 Pvridine
 Concen: 44.824 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

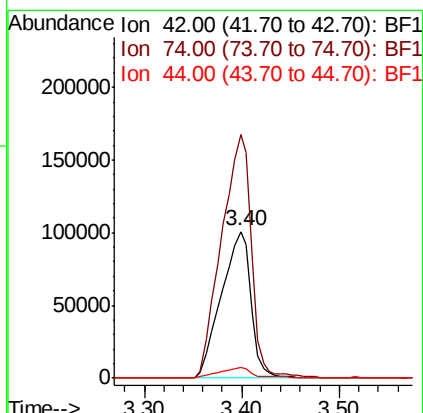
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.6	45.3	67.9
51	27.6	22.1	33.1

Instrument :
 BNA_F
 ClientSampleId :



#4
 n-Nitrosodimethylamine
 Concen: 37.364 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.7	132.6	198.8
44	7.3	5.8	8.8

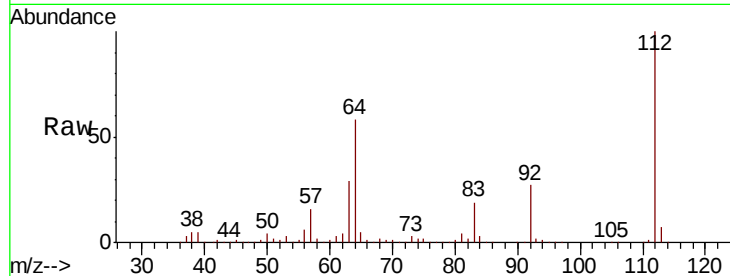




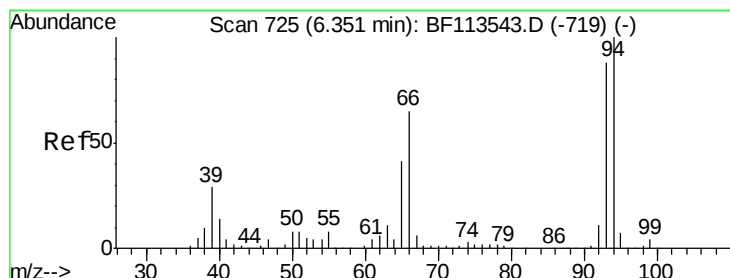
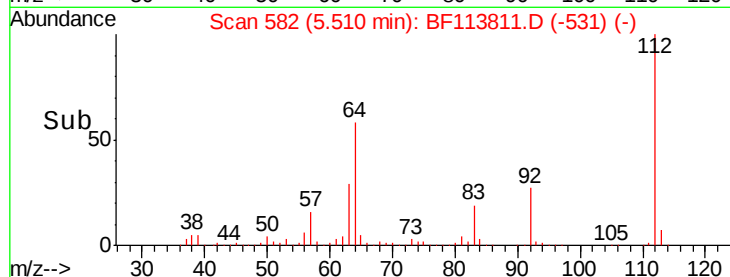
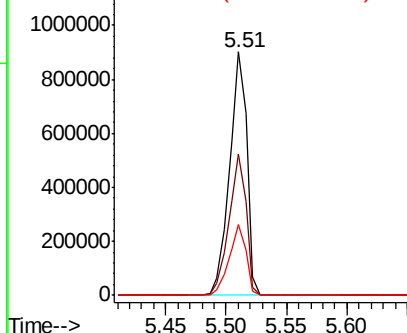
#5
2-Fluorophenol
Concen: 83.450 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.6	69.8
63	28.9	23.1	34.7

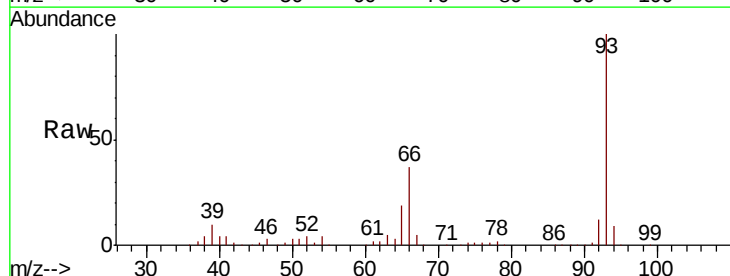


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

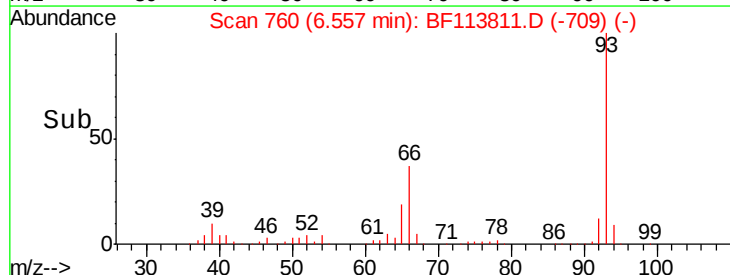
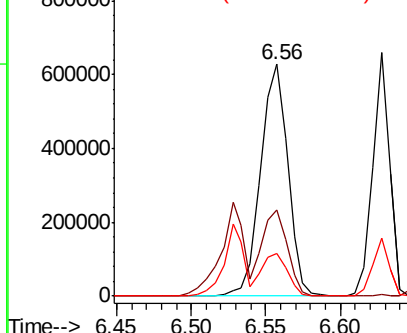


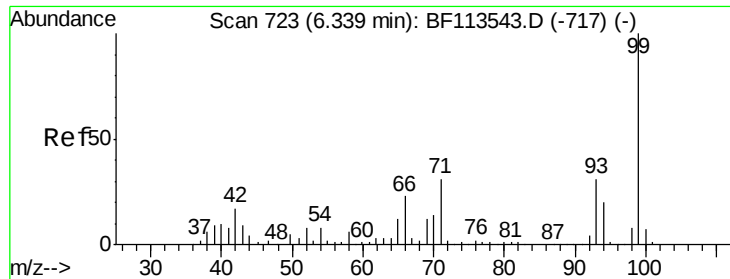
#6
Aniline
Concen: 49.140 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.2	29.8	44.6
65	18.6	14.9	22.3



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: 84.518 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

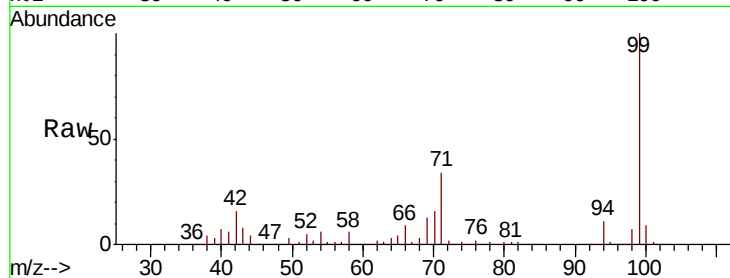
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1121785

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	33.6	26.9	40.3

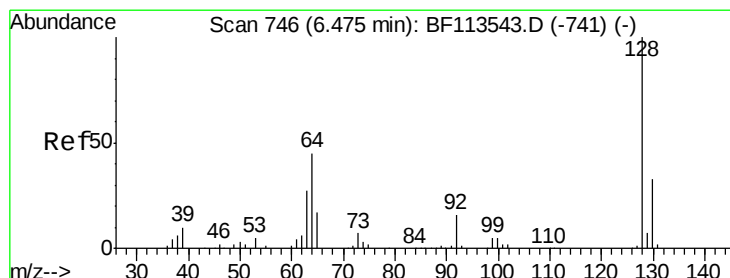
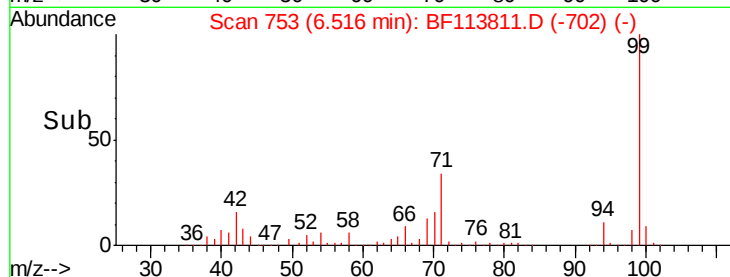
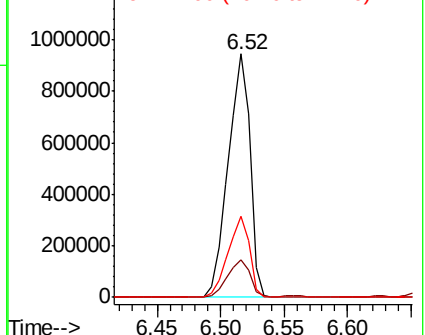


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.841 ng

RT: 6.68 min Scan# 781

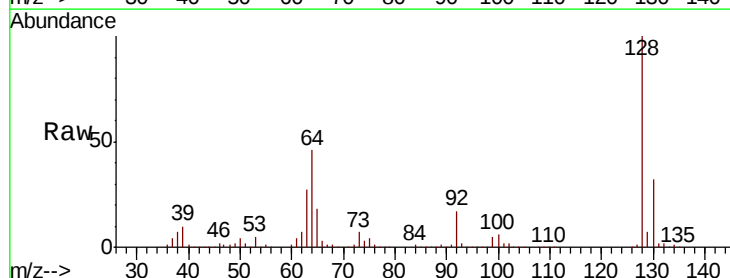
Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Tgt Ion: 128 Resp: 508859

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	46.1	26.1	66.1

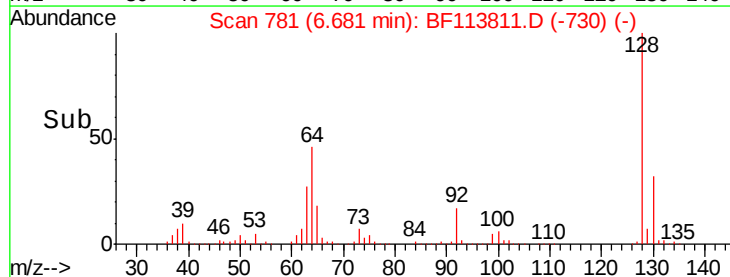
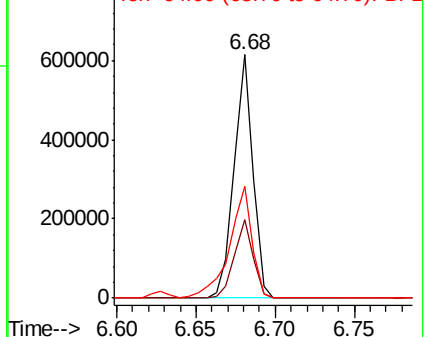


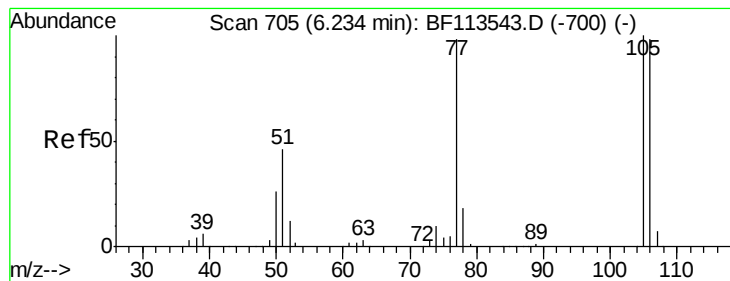
Abundance

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: 40.716 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

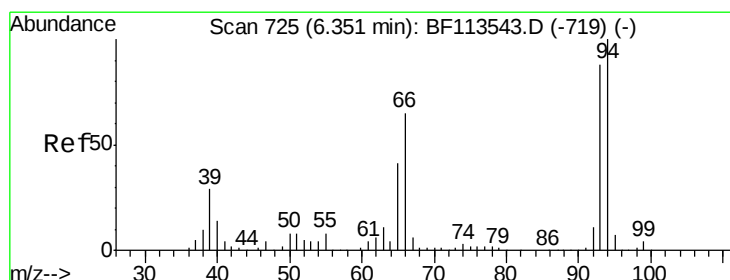
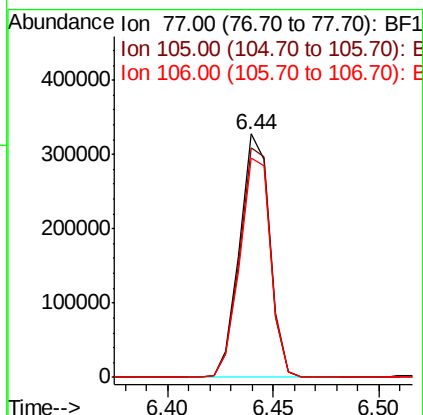
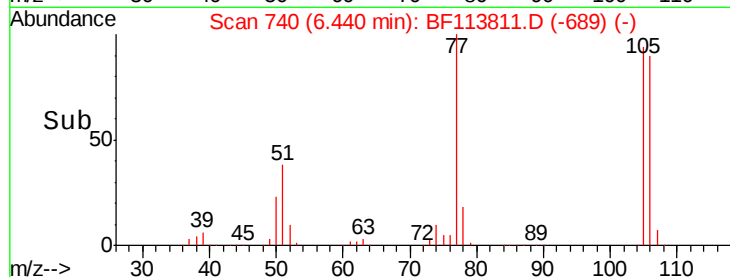
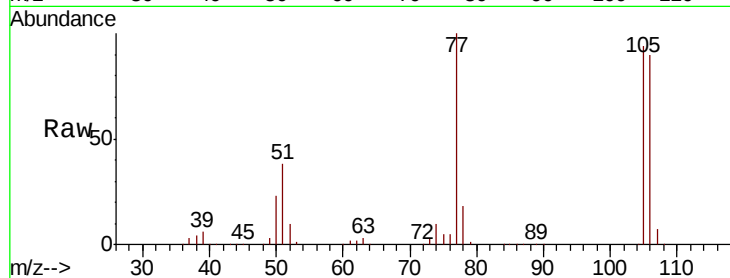
Tot Ion: 77 Resp: 321329

Ion Ratio Lower Upper

77 100

105 94.1 74.1 114.1

106 90.3 70.3 110.3



#10

Phenol

Concen: 41.370 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

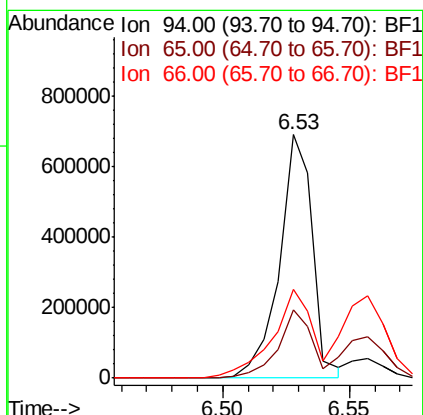
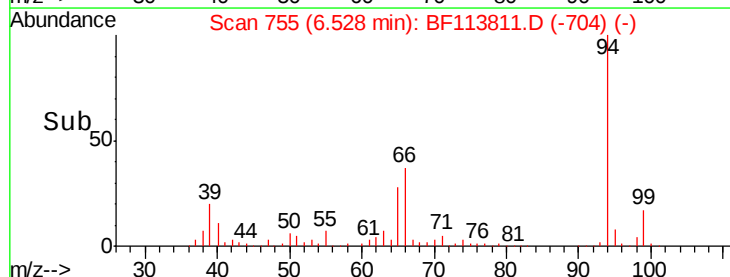
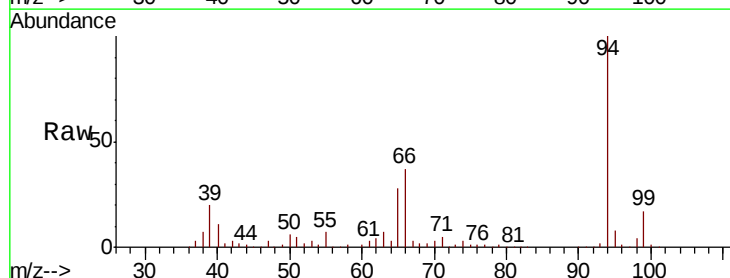
Tgt Ion: 94 Resp: 627119

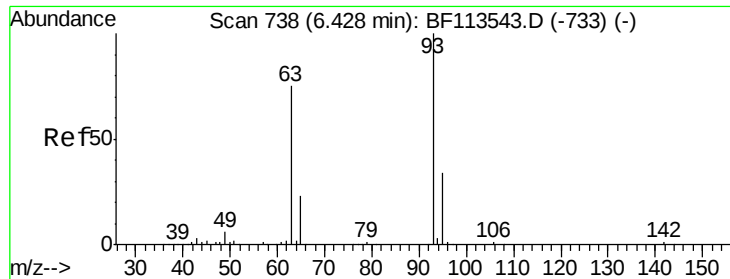
Ion Ratio Lower Upper

94 100

65 28.1 8.1 48.1

66 36.6 16.6 56.6

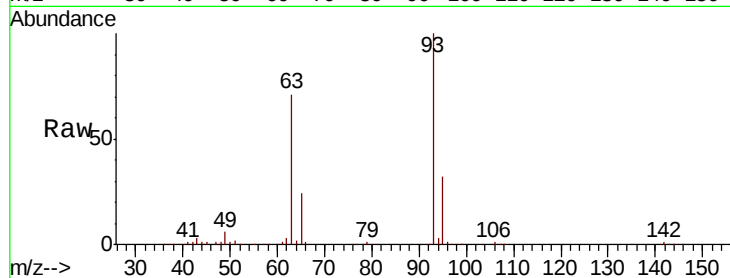




#11
bis(2-Chloroethyl)ether
Concen: 42.997 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	50.7	90.7
95	32.3	12.3	52.3

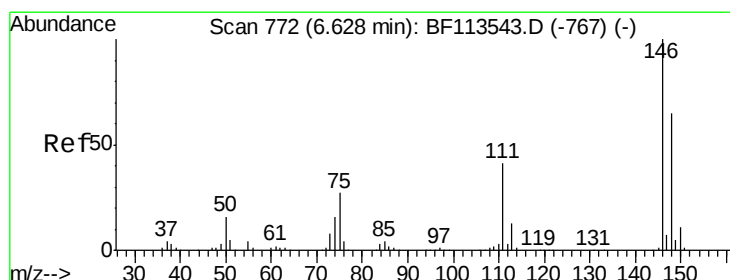
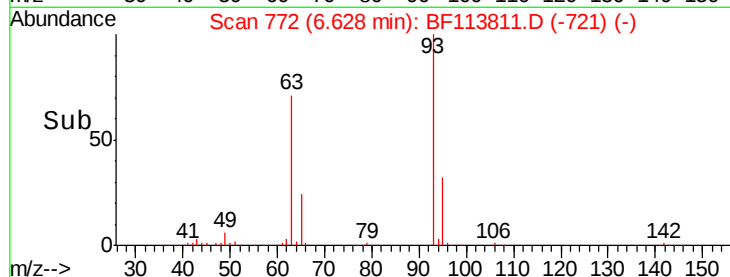
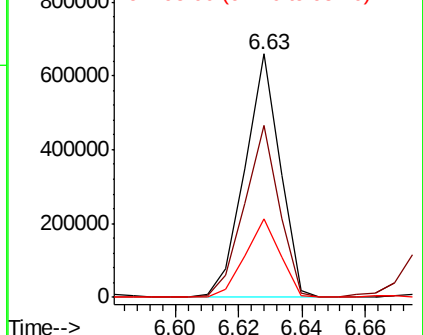


Abundance

Ion 93.00 (92.70 to 93.70): BF1

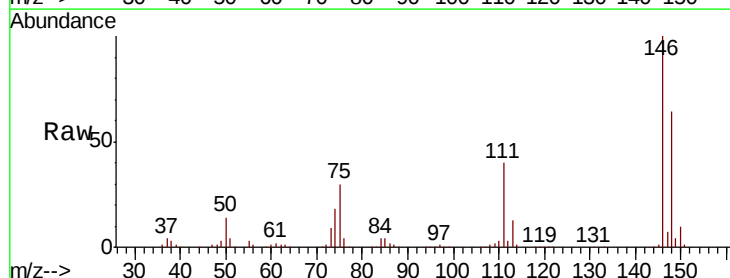
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.734 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
75	29.8	23.8	35.8

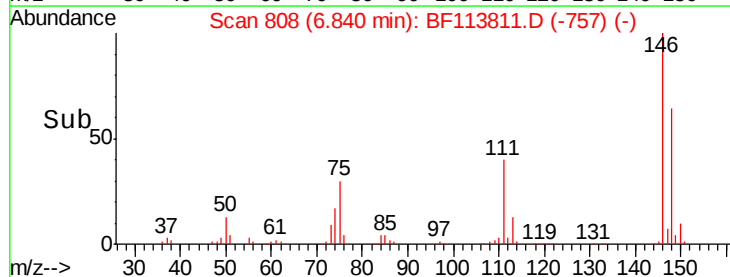
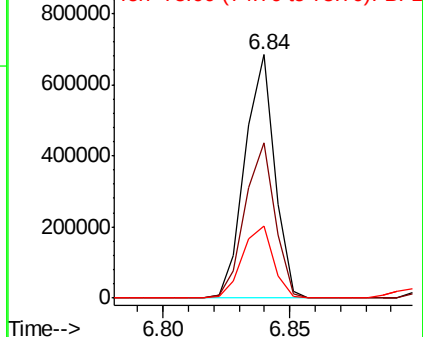


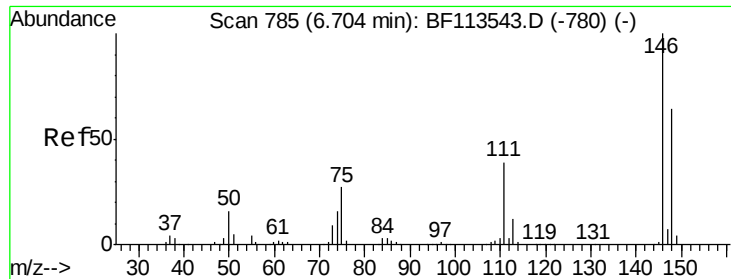
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

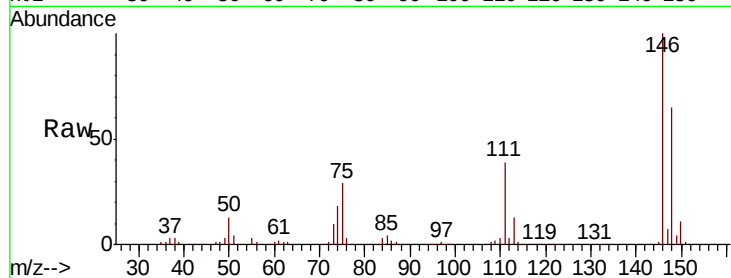




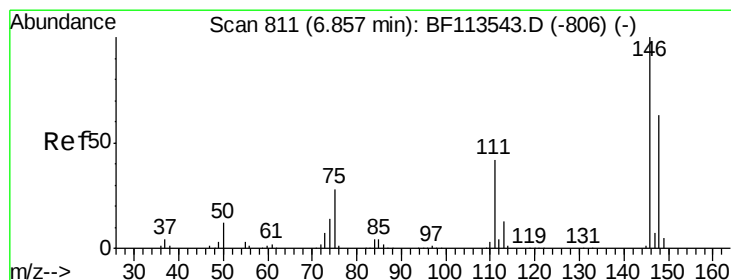
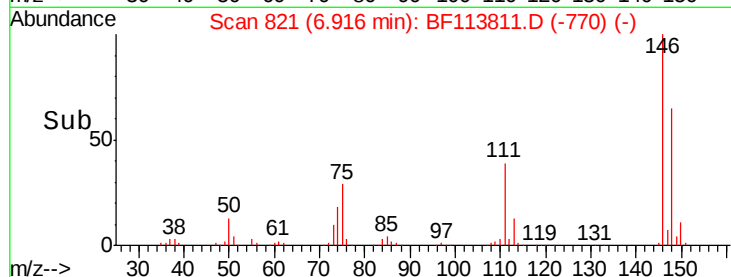
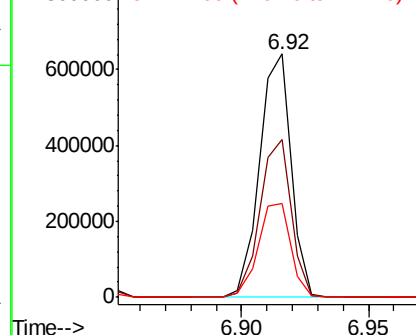
#13
 1,4-Dichlorobenzene
 Concen: 41.208 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 558746
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 38.6 30.9 46.3

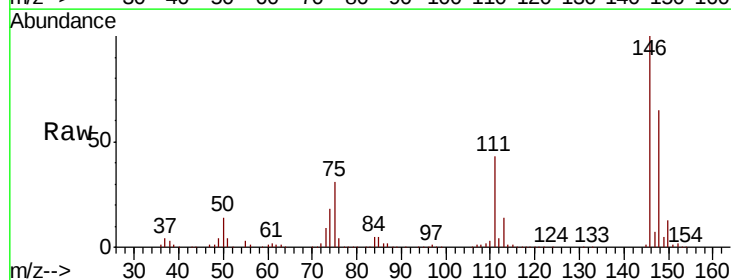


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

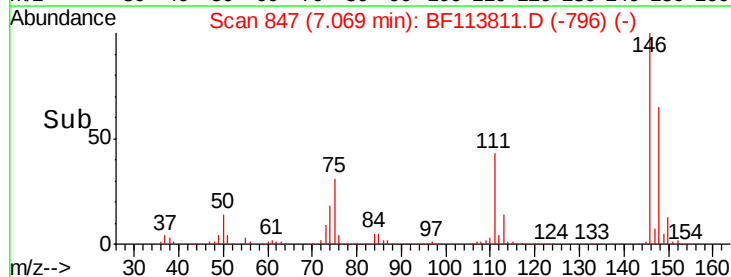
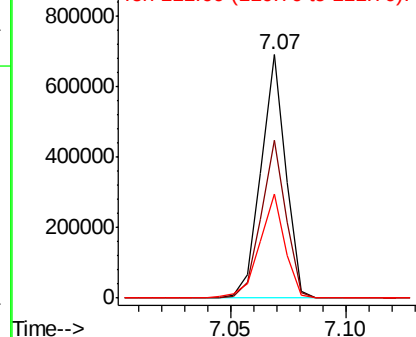


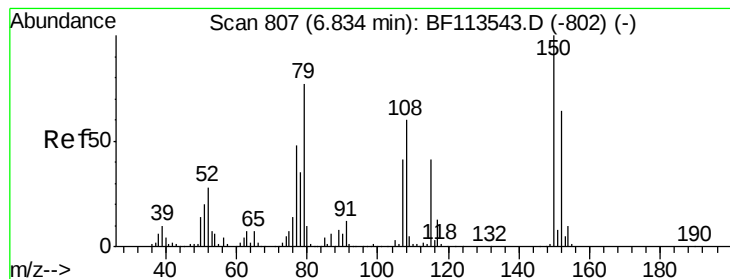
#14
 1,2-Dichlorobenzene
 Concen: 42.413 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:146 Resp: 519091
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.1 78.1
 111 42.8 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 50.696 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

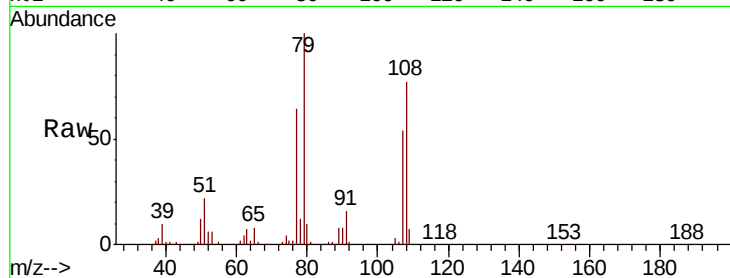
Tot Ion: 79 Resp: 454964

Ion Ratio Lower Upper

79 100

108 76.7 61.4 92.0

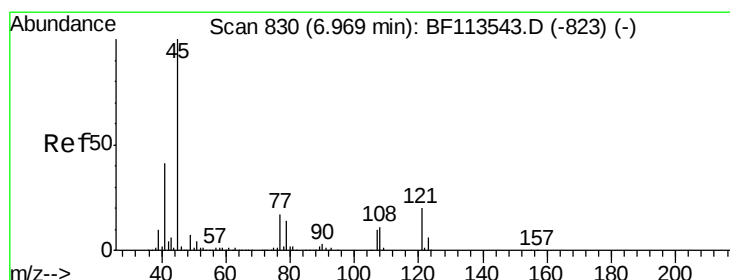
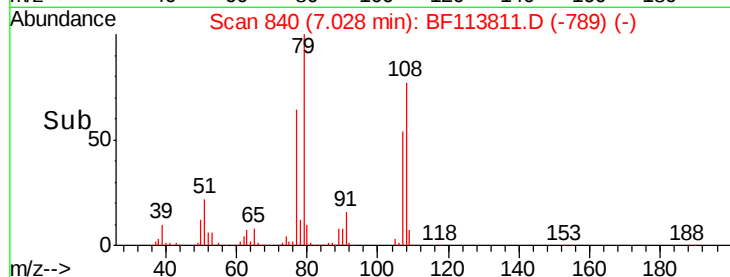
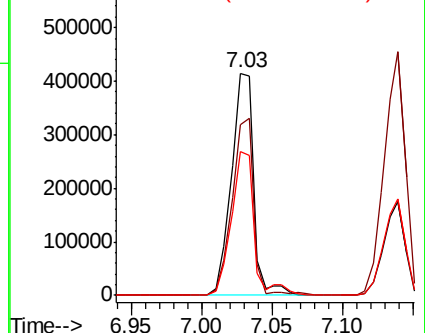
77 64.5 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.427 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

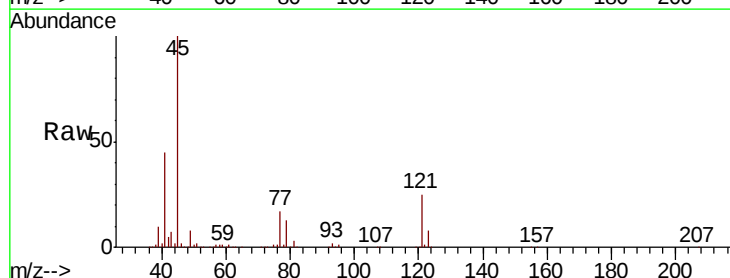
Tgt Ion: 45 Resp: 613540

Ion Ratio Lower Upper

45 100

77 17.0 0.0 37.0

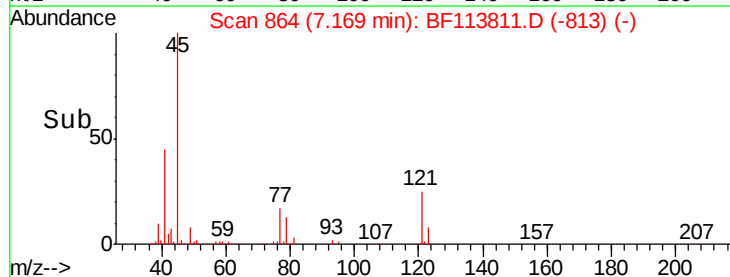
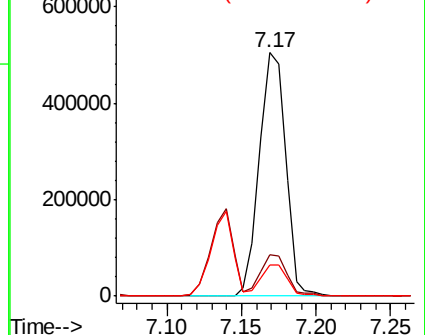
79 12.7 0.0 32.7

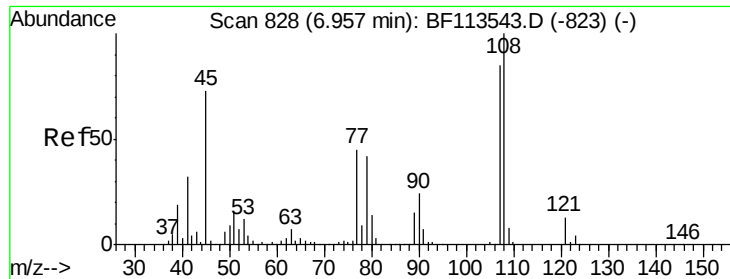


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

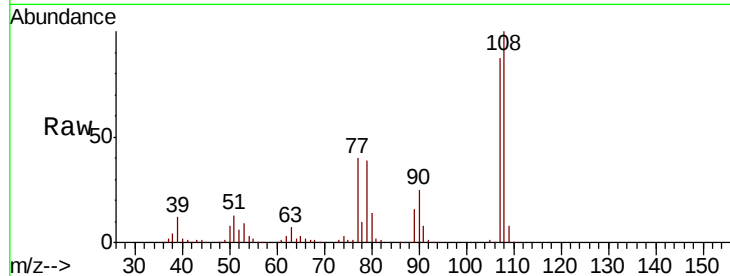




#17
2-Methylphenol
Concen: 42.117 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.5	137.3
77	45.3	36.2	54.4
79	44.2	35.4	53.0



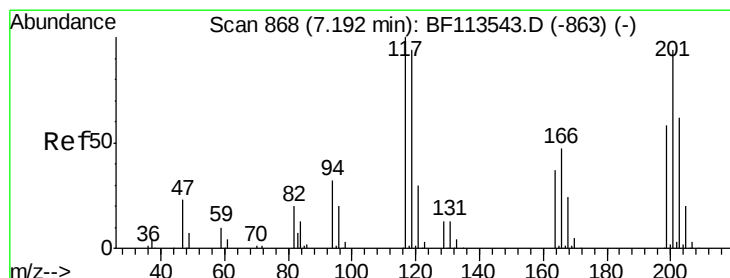
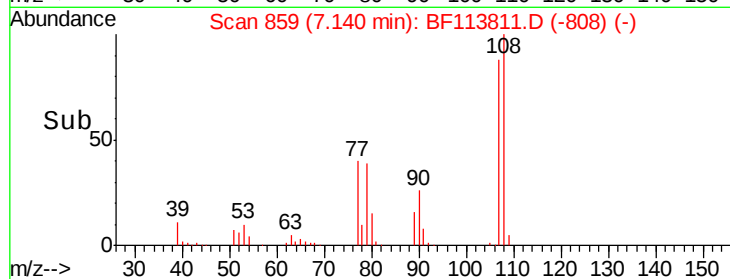
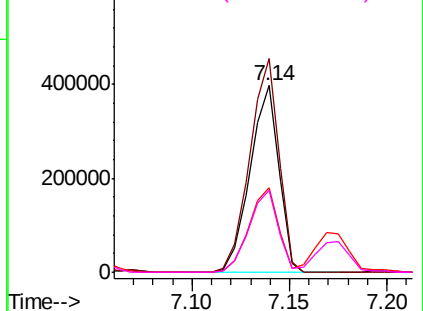
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

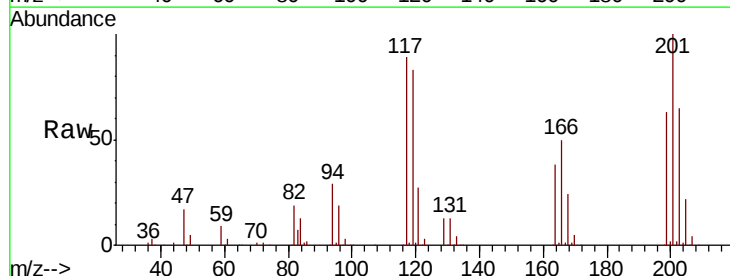
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.442 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.4	111.6
201	112.7	90.2	135.2

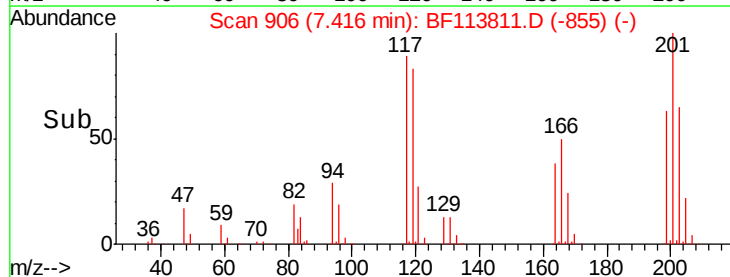
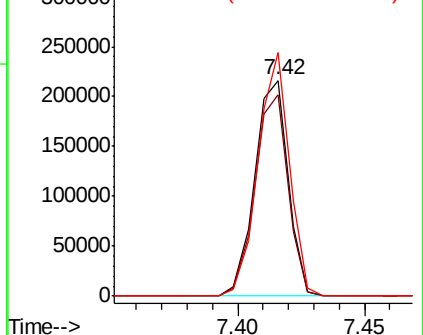


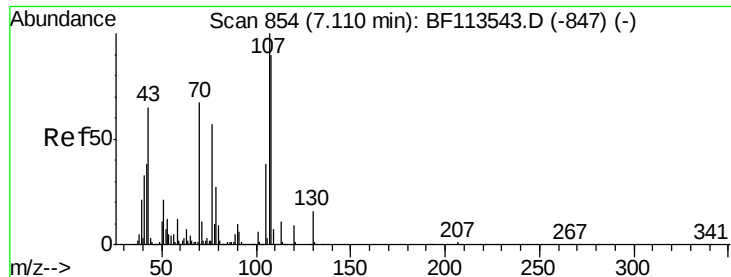
Abundance

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

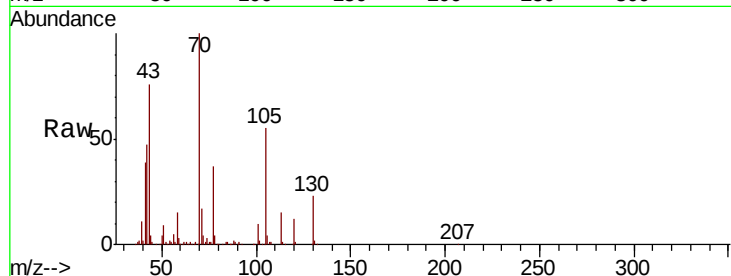




#19
n-Nitroso-di-n-propylamine
Concen: 44.806 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	366719
Ion	Ratio	Lower	Upper
70	100		
42	46.6	37.3	55.9
101	9.8	7.8	11.8
130	22.7	18.2	27.2



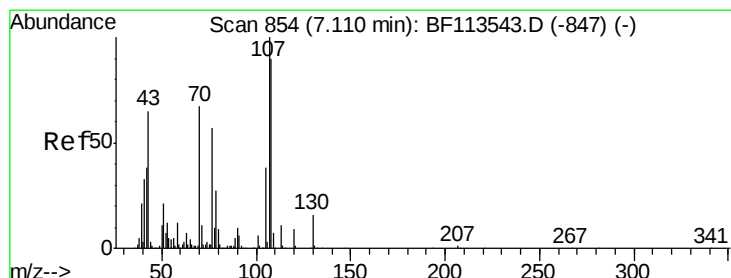
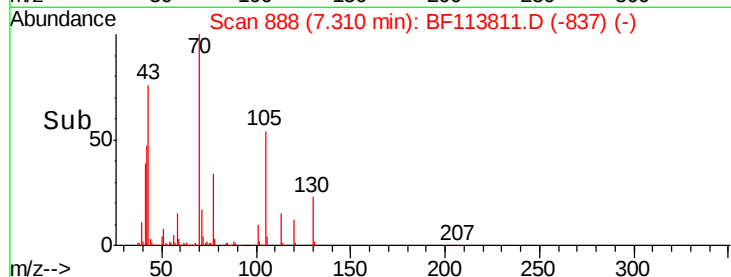
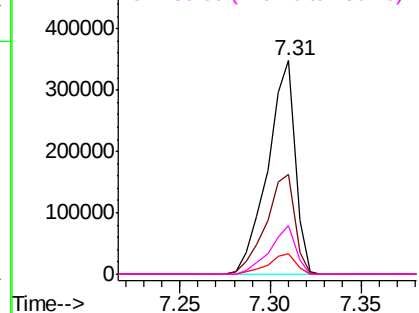
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

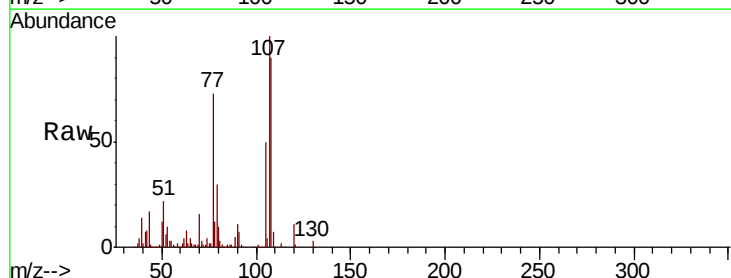
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.764 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:	107	Resp:	500311
Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.1	110.1
77	72.9	52.9	92.9
79	30.2	10.2	50.2



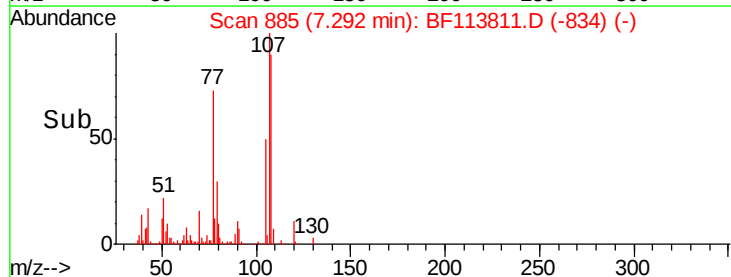
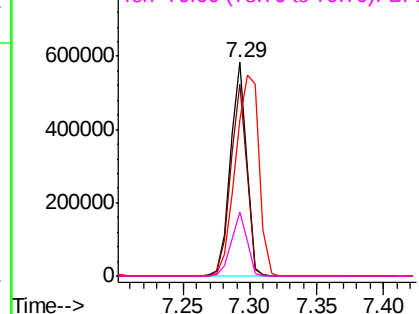
Abundance

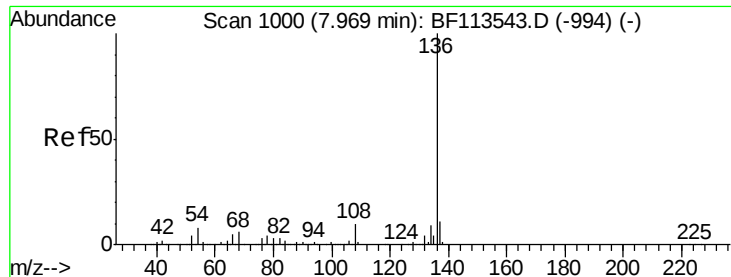
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

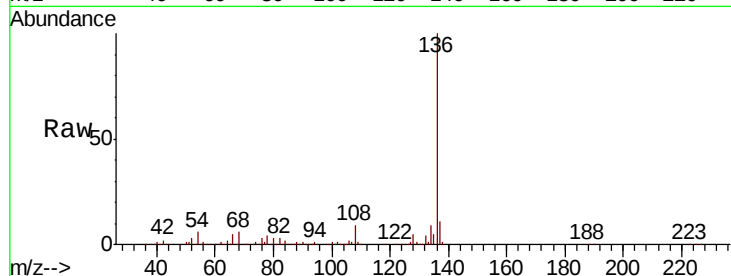




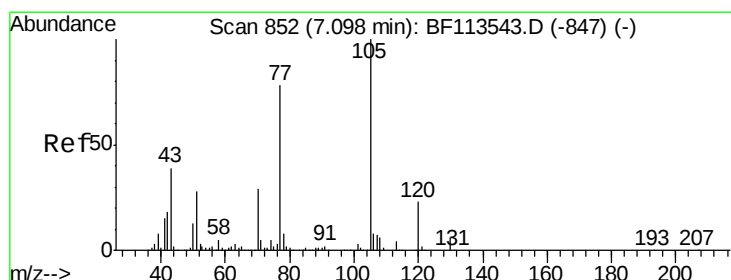
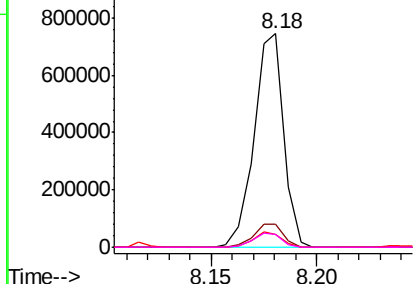
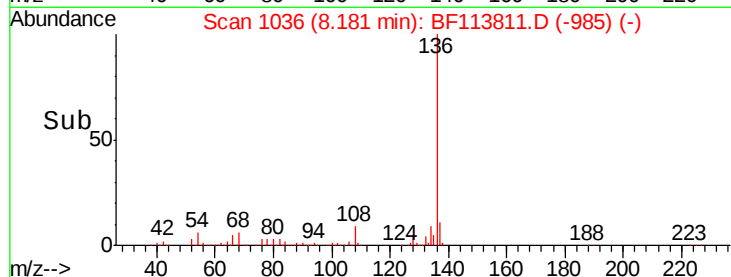
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	724807
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 12.8
54	6.3	5.0 7.6
68	6.1	4.9 7.3

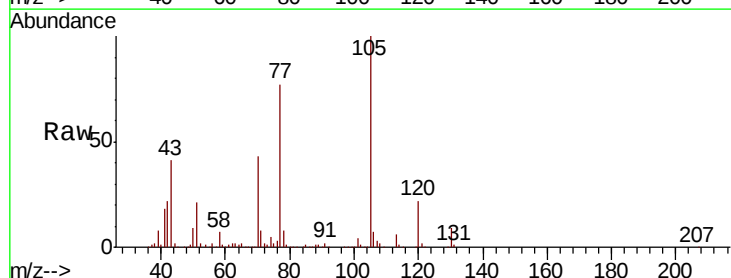


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

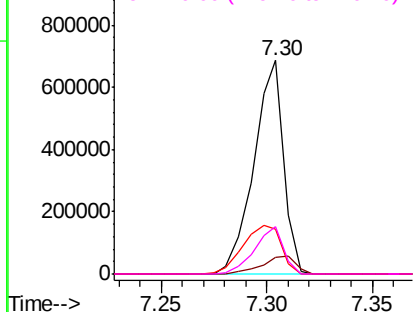
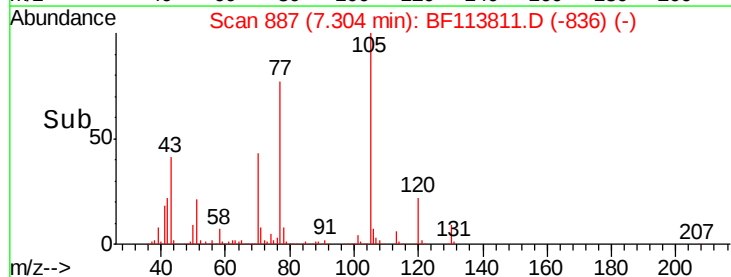


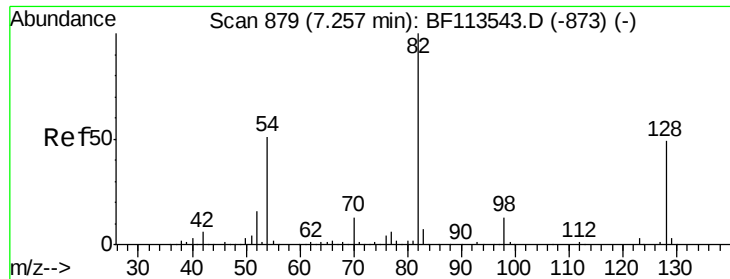
#22
Acetophenone
Concen: 42.140 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:105	Resp:	670835
Ion Ratio	Lower	Upper
105	100	
71	7.6	6.1 9.1
51	21.0	16.8 25.2
120	22.0	17.6 26.4



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

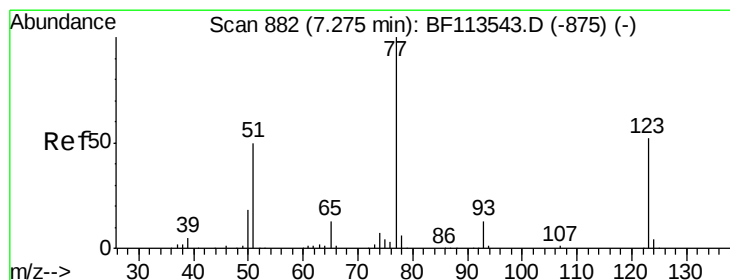
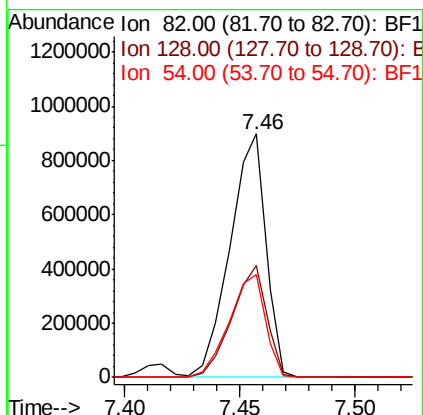
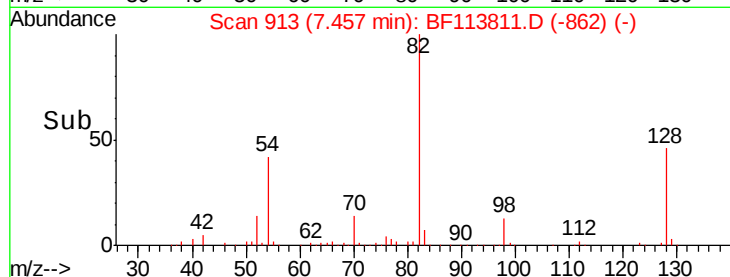
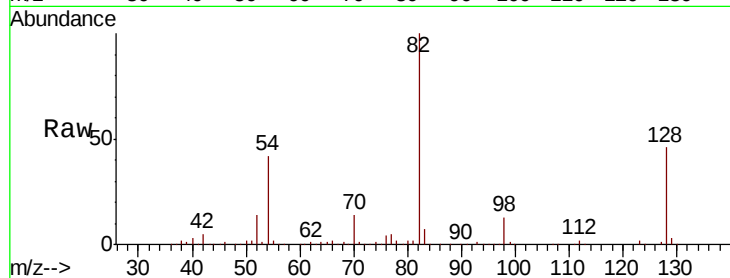




#23
Nitrobenzene-d5
Concen: 78.393 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

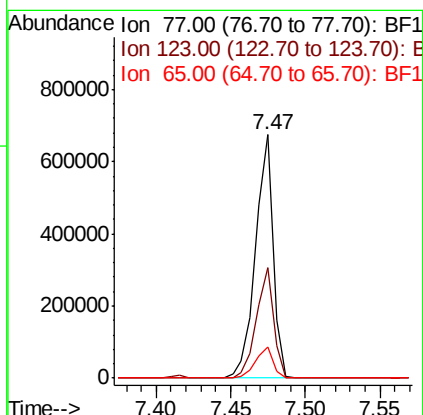
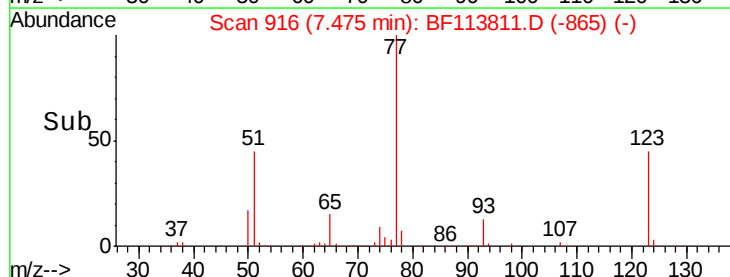
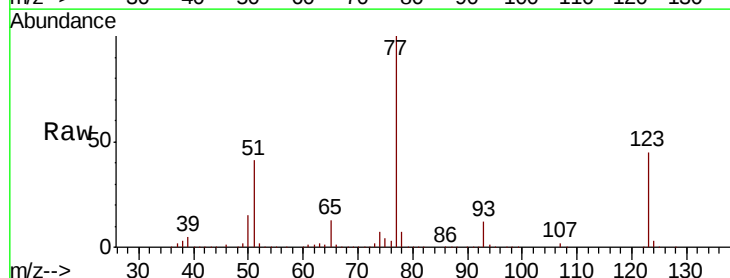
Instrument :
BNA_F
ClientSampleId :

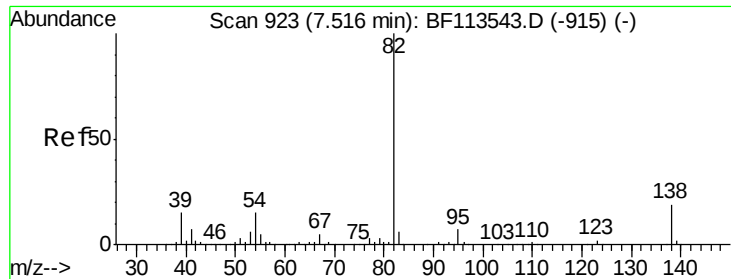
Tot Ion: 82 Resp: 970036
Ion Ratio Lower Upper
82 100
128 46.0 36.8 55.2
54 42.2 33.8 50.6



#24
Nitrobenzene
Concen: 42.895 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion: 77 Resp: 546611
Ion Ratio Lower Upper
77 100
123 45.4 36.3 54.5
65 12.9 10.3 15.5

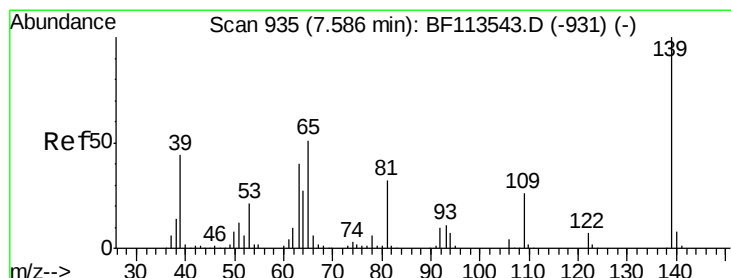
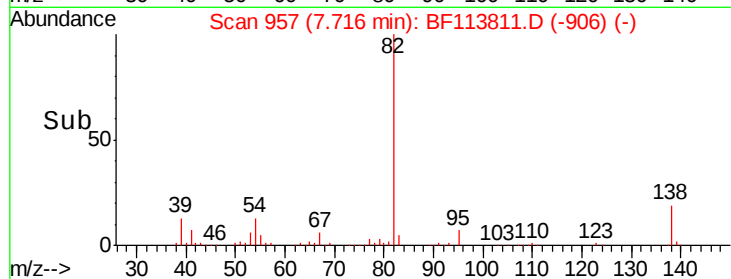
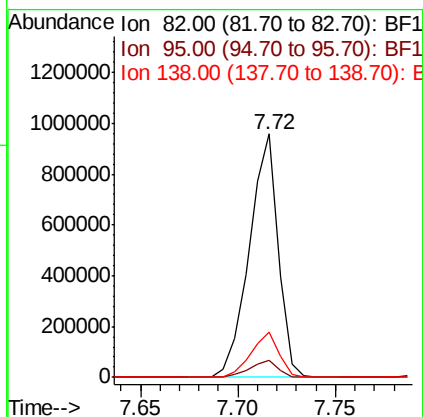
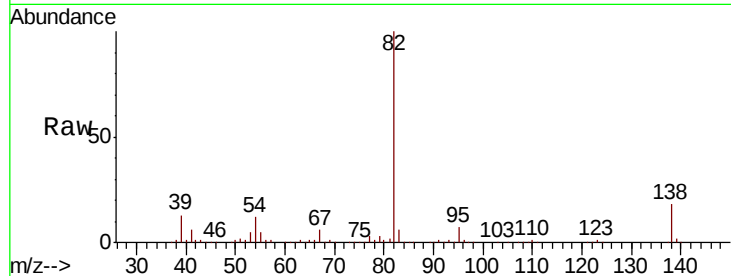




#25
Isophorone
Concen: 41.090 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

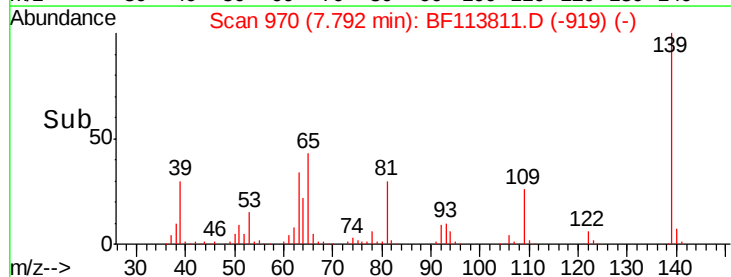
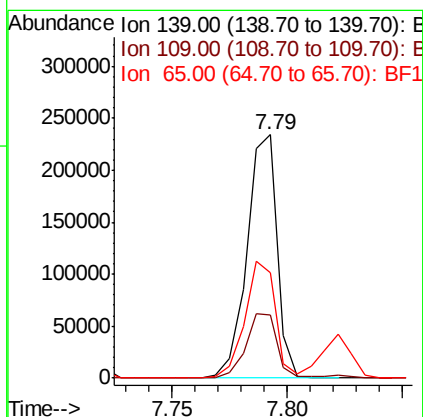
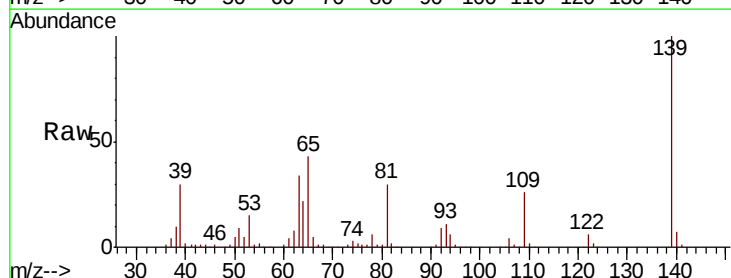
Instrument :
BNA_F
ClientSampleId :

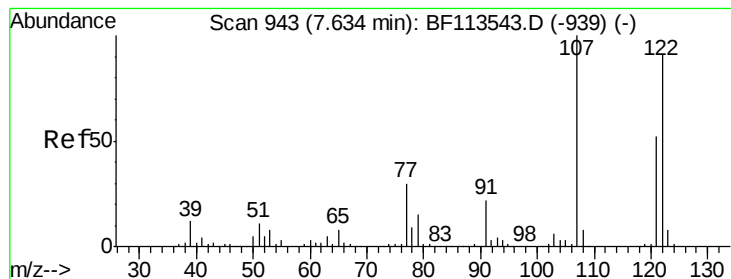
Tot Ion: 82 Resp: 979452
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.3 14.6 22.0



#26
2-Nitrophenol
Concen: 31.195 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion: 139 Resp: 213948
Ion Ratio Lower Upper
139 100
109 25.8 20.6 31.0
65 43.3 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 42.003 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

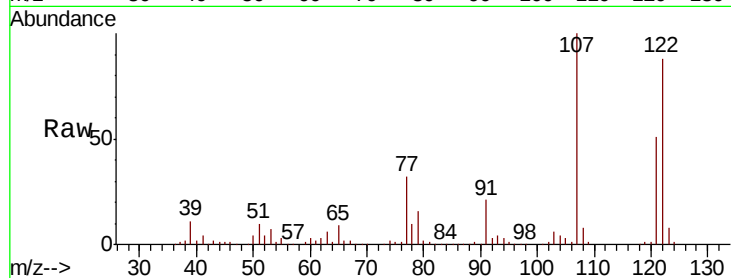
Tot Ion:122 Resp: 411834

Ion Ratio Lower Upper

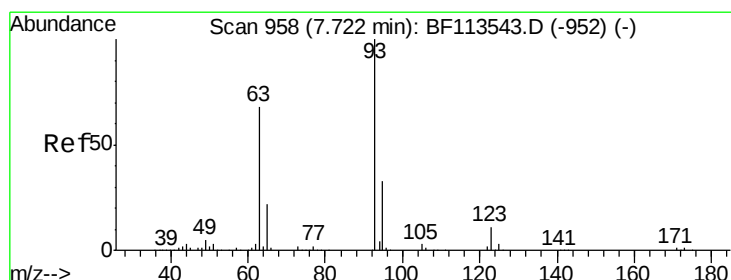
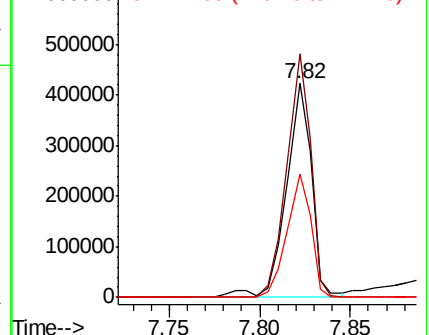
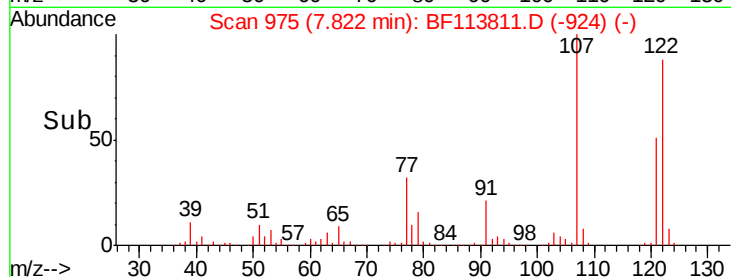
122 100

107 114.0 91.2 136.8

121 58.0 46.4 69.6



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



#28

bis(2-Chloroethoxy)methane

Concen: 41.719 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

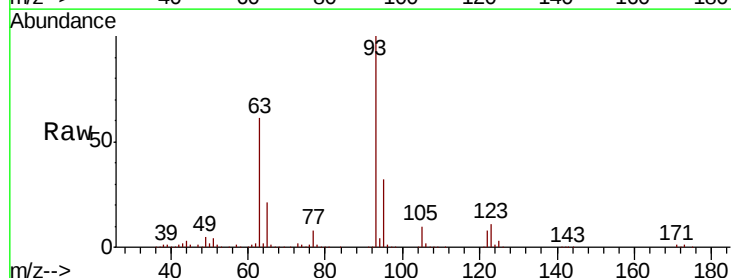
Tgt Ion: 93 Resp: 628715

Ion Ratio Lower Upper

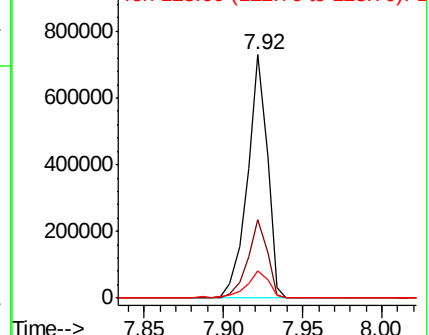
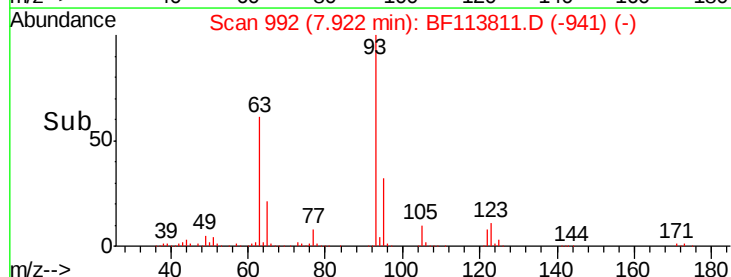
93 100

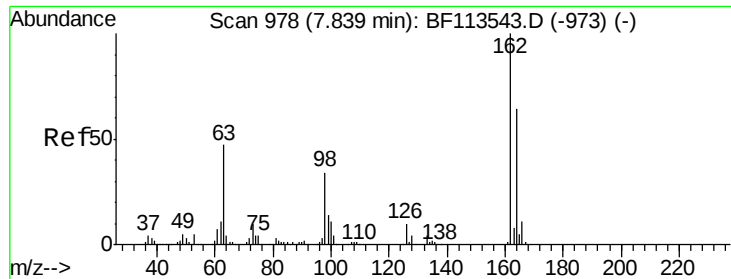
95 32.2 25.8 38.6

123 11.3 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

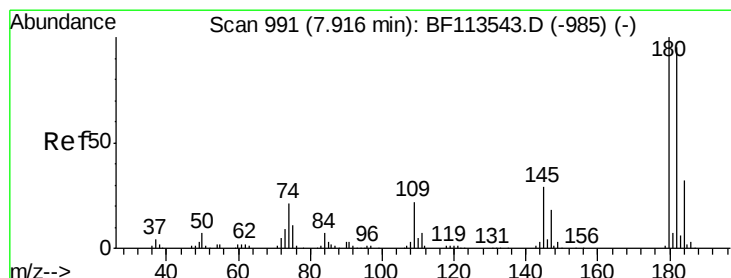
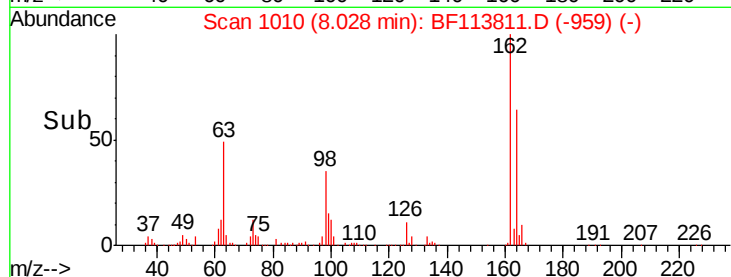
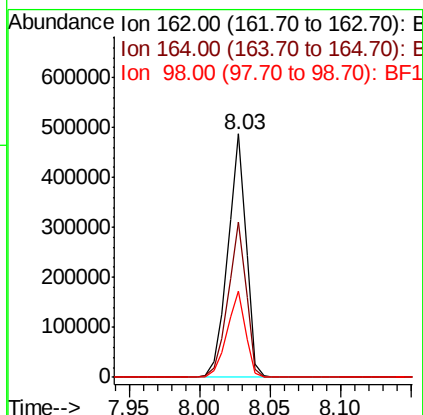
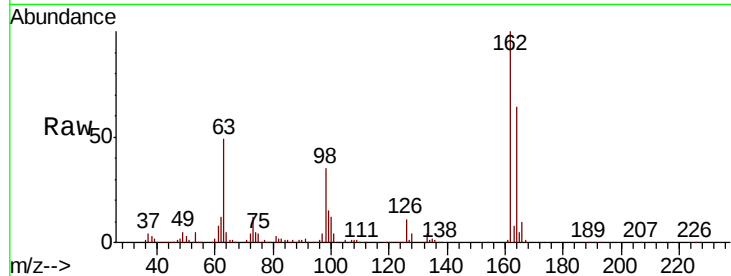




#29
2,4-Dichlorophenol
Concen: 41.828 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

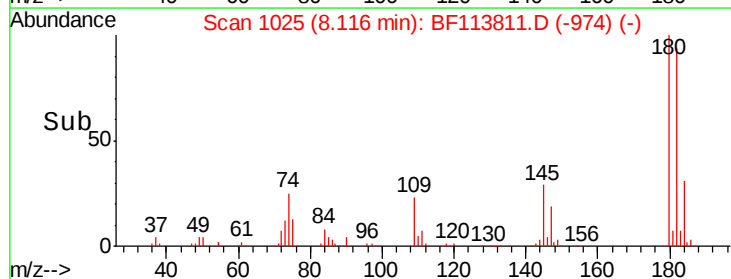
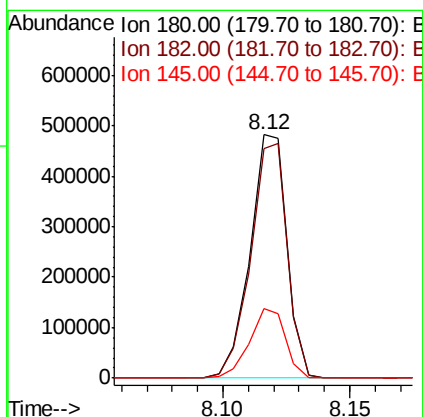
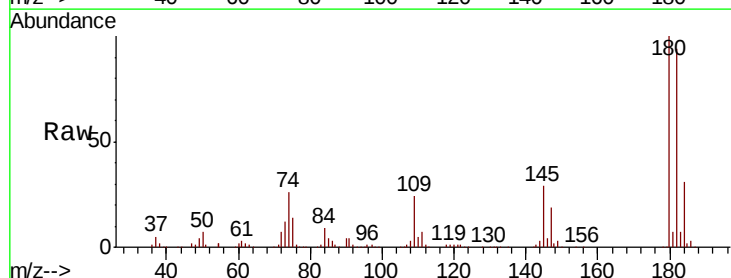
Instrument :
BNA_F
ClientSampleId :

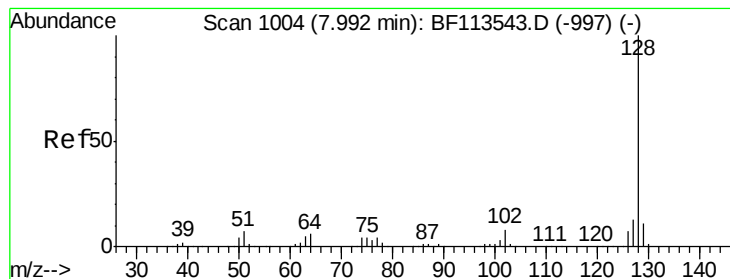
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	35.5	15.5	55.5



#30
1,2,4-Trichlorobenzene
Concen: 42.667 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	28.7	23.0	34.4





#31

Naphthalene

Concen: 40.019 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

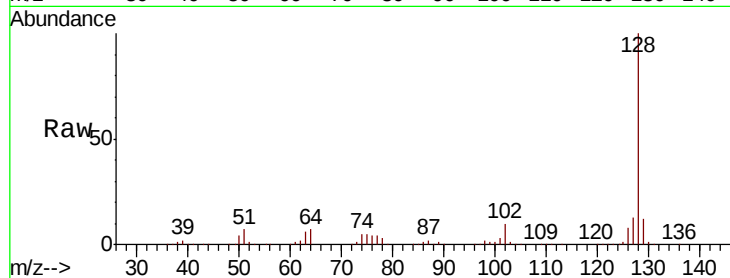
Tot Ion:128 Resp: 1405400

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

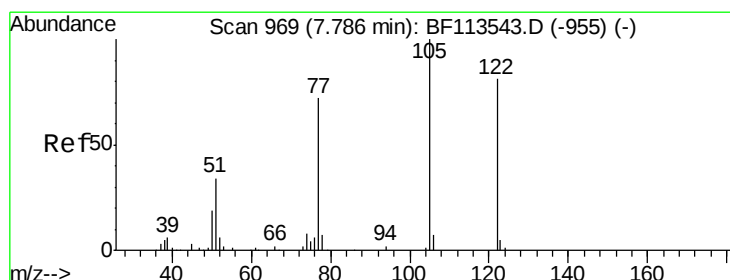
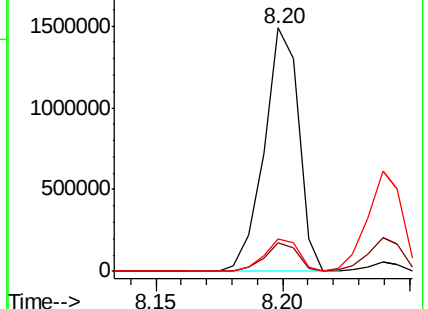
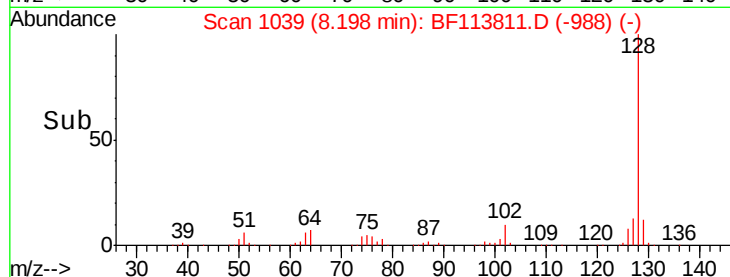
127 13.5 10.8 16.2



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: 22.991 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

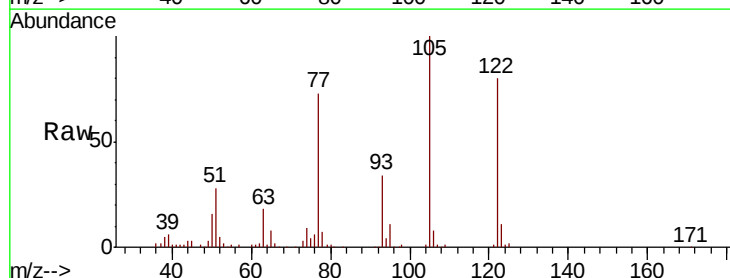
Tgt Ion:122 Resp: 174557

Ion Ratio Lower Upper

122 100

105 124.3 104.3 144.3

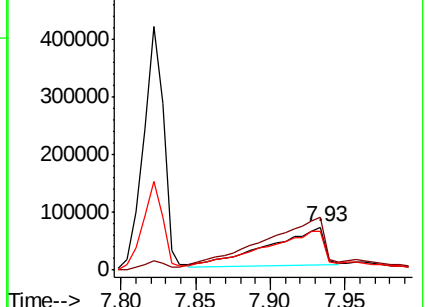
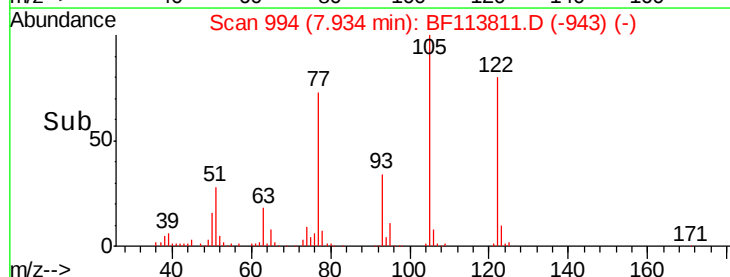
77 90.4 70.4 110.4

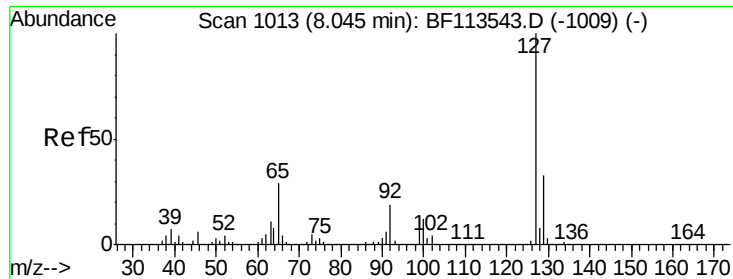


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

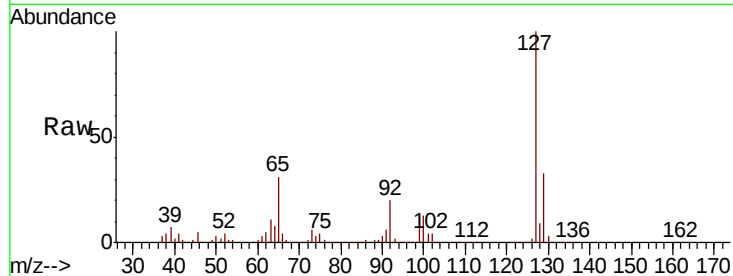




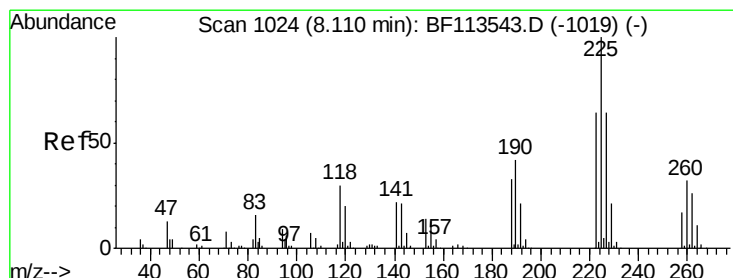
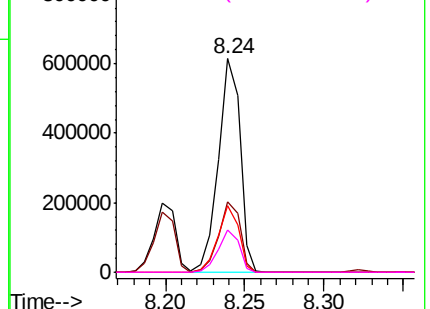
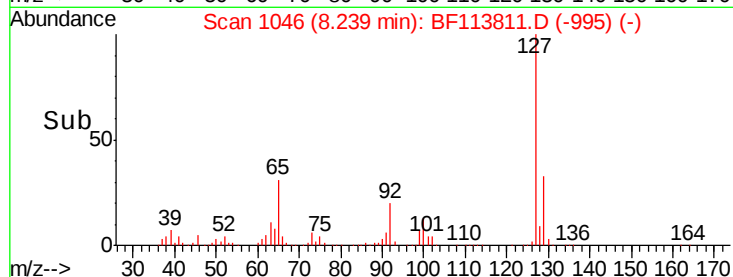
#33
4-Chloroaniline
Concen: 42.097 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	586209
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	31.1	24.9	37.3
92	19.9	15.9	23.9

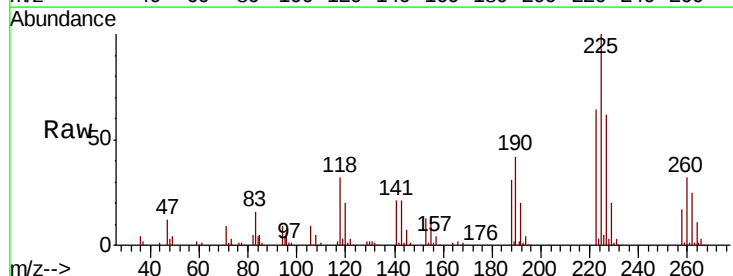


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

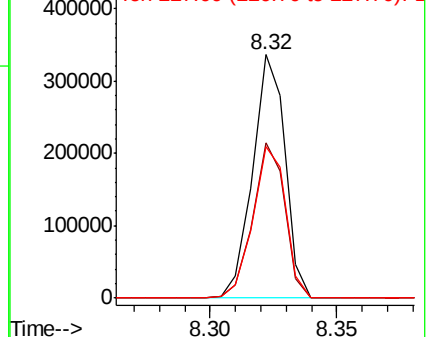
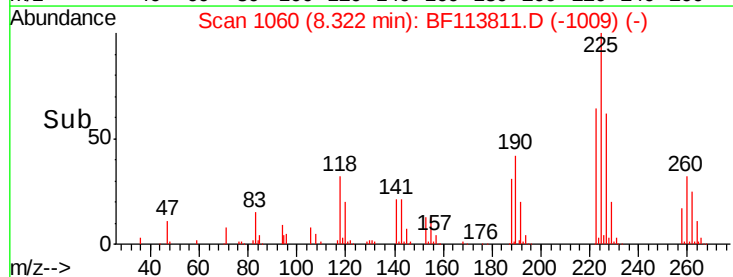


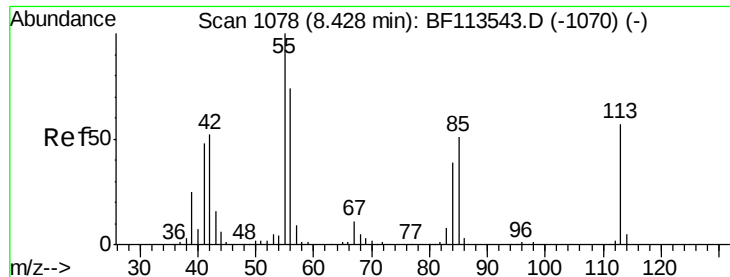
#34
Hexachlorobutadiene
Concen: 43.093 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:	225	Resp:	299301
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.1	76.7
227	62.4	49.9	74.9



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

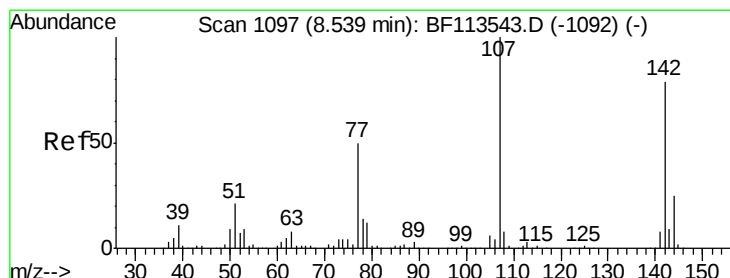
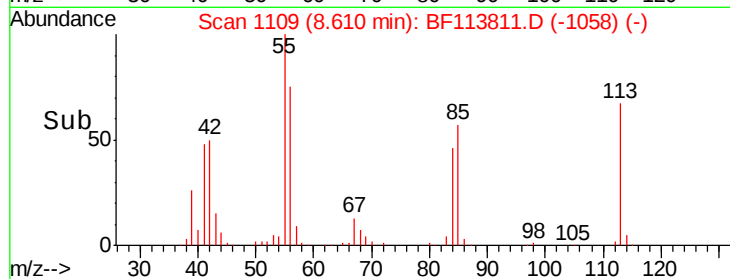
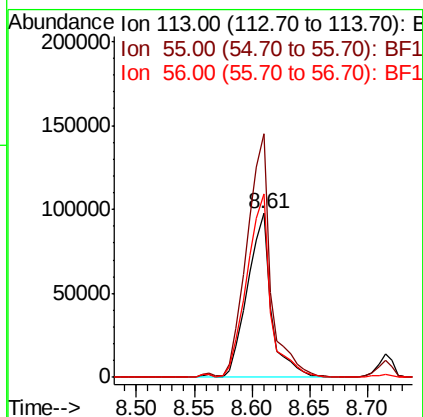
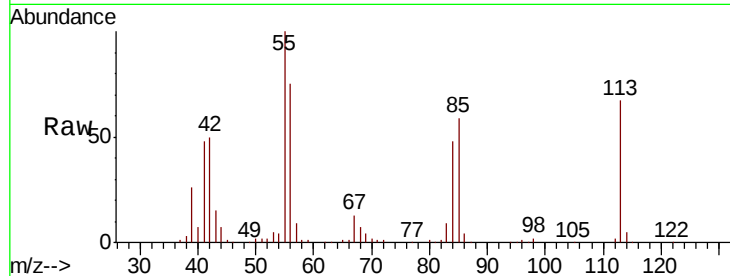




#35
 Caprolactam
 Concen: 42.271 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

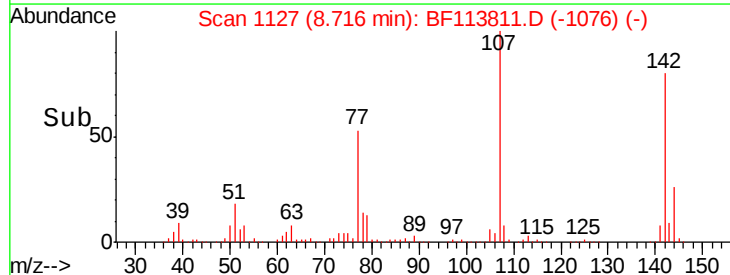
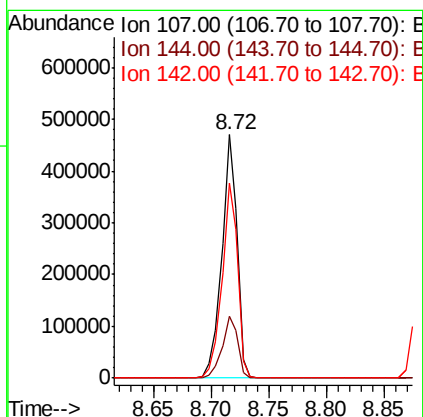
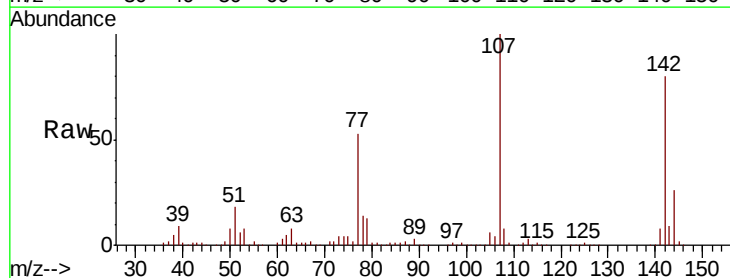
Instrument :
 BNA_F
 ClientSampled :

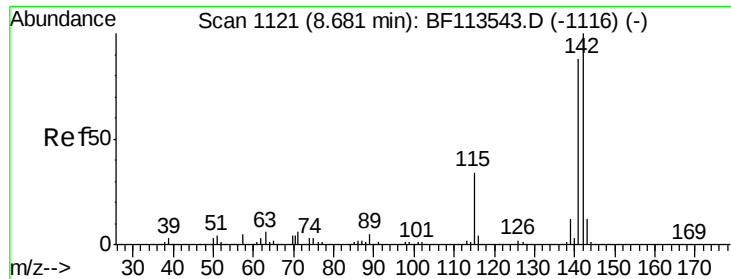
Tot Ion:113 Resp: 140767
 Ion Ratio Lower Upper
 113 100
 55 148.6 128.6 168.6
 56 111.9 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.175 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:107 Resp: 433611
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 80.3 64.2 96.4

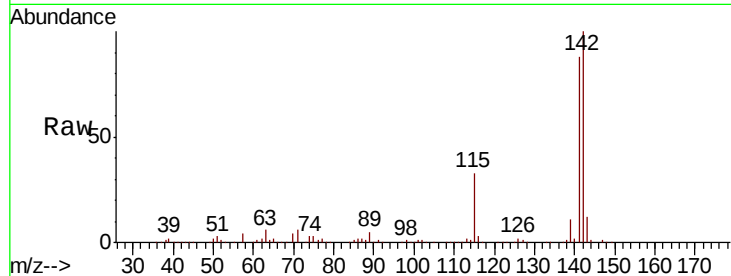




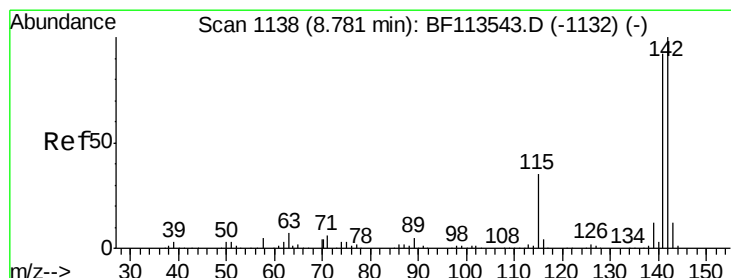
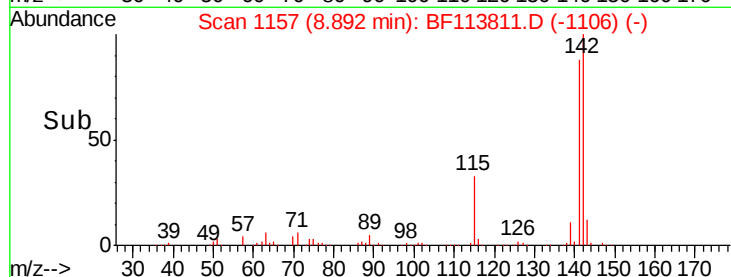
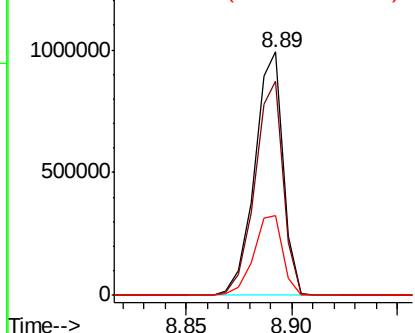
#37
2-Methylnaphthalene
Concen: 40.114 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 926539
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 32.9 26.3 39.5

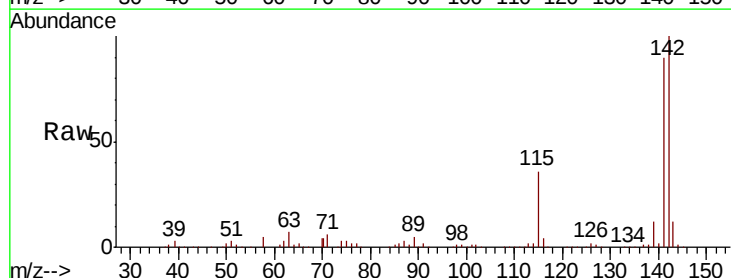


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

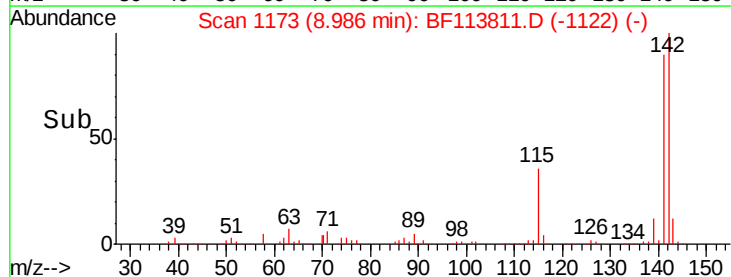
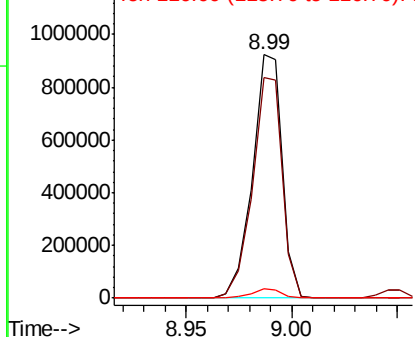


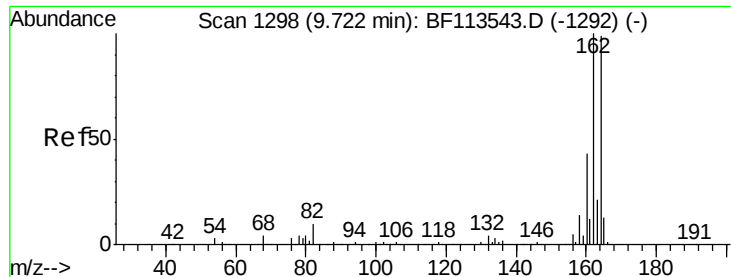
#38
1-Methylnaphthalene
Concen: 40.556 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:142 Resp: 903267
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5
116 3.7 3.0 4.4



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

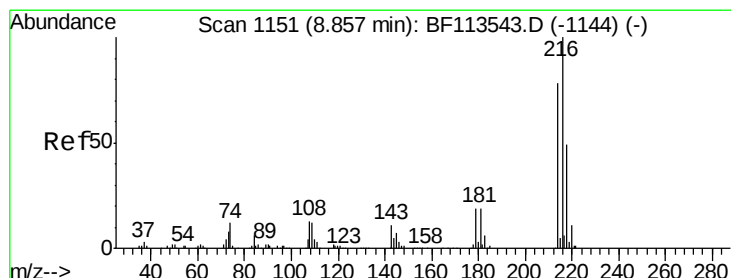
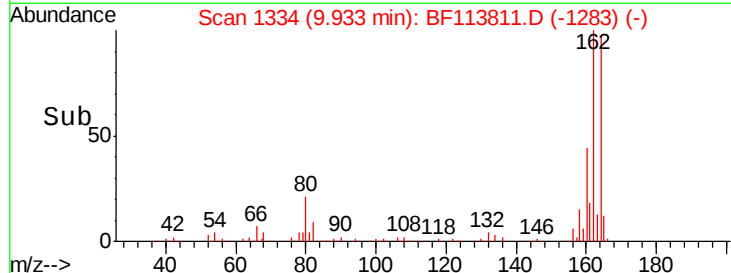
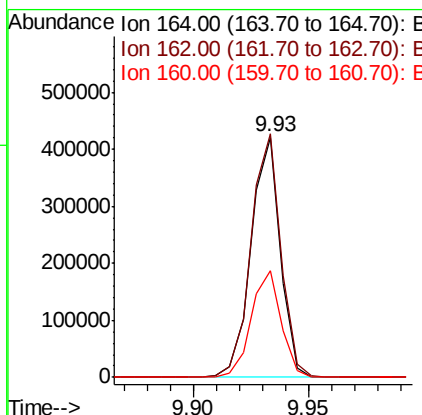
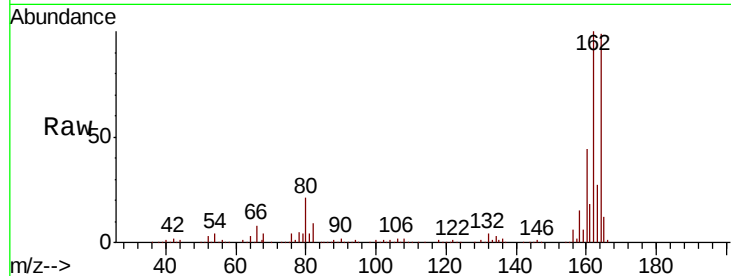




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

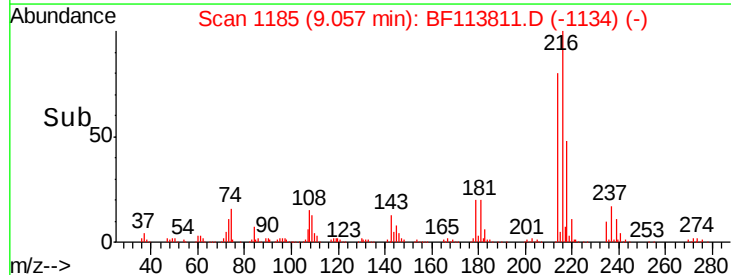
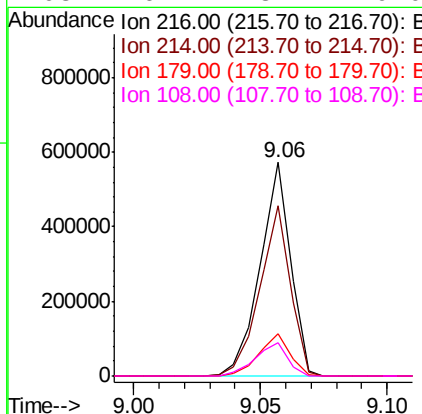
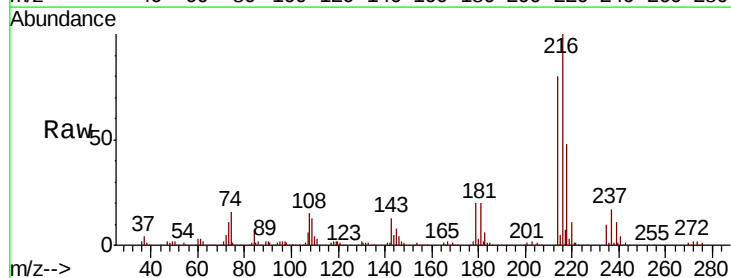
Instrument :
 BNA_F
 ClientSampled :

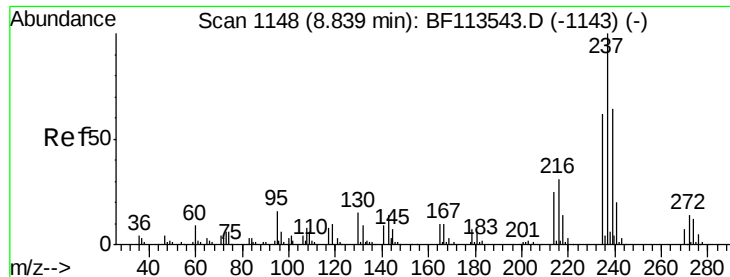
Tot Ion:164 Resp: 372472
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.1 121.7
 160 44.7 35.8 53.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.836 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:216 Resp: 479870
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.5 95.3
 179 20.1 16.1 24.1
 108 16.7 13.4 20.0





#41

Hexachlorocyclopentadiene

Concen: 74.116 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

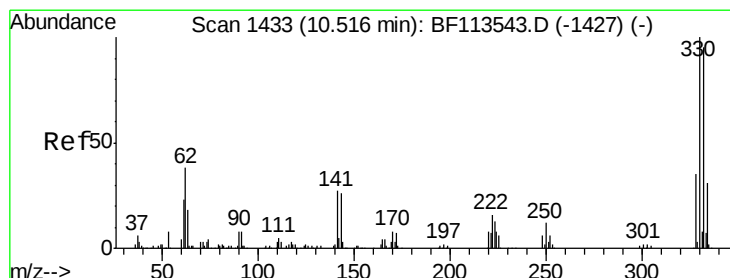
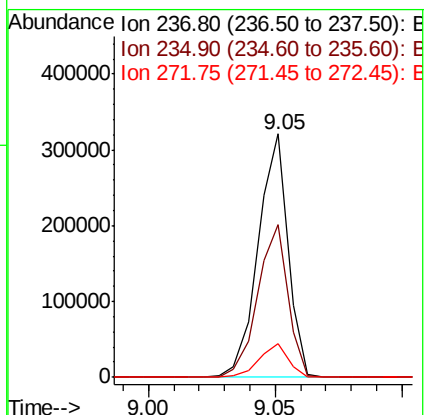
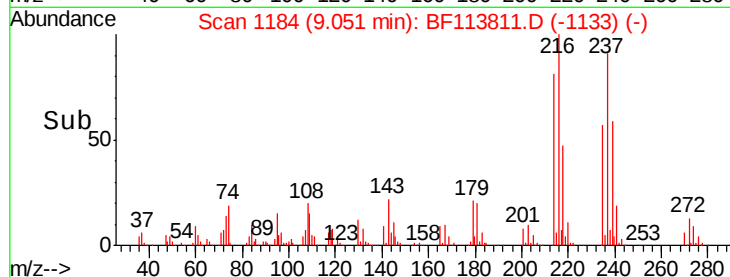
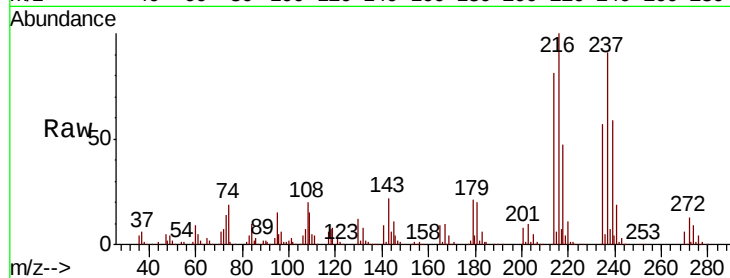
Tot Ion:237 Resp: 265220

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

272 13.8 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 75.363 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

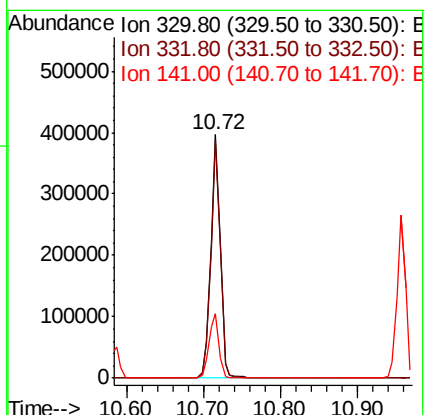
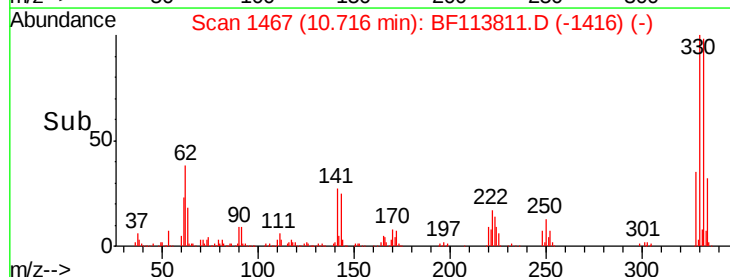
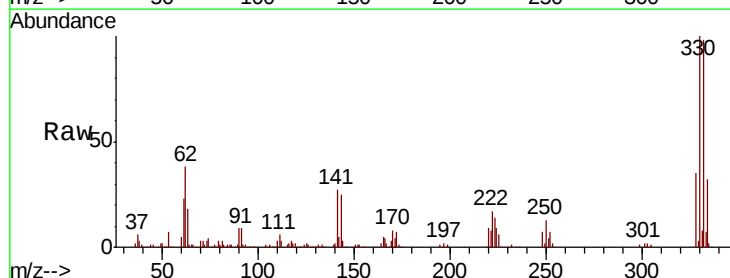
Tgt Ion:330 Resp: 337197

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 27.7 22.2 33.2

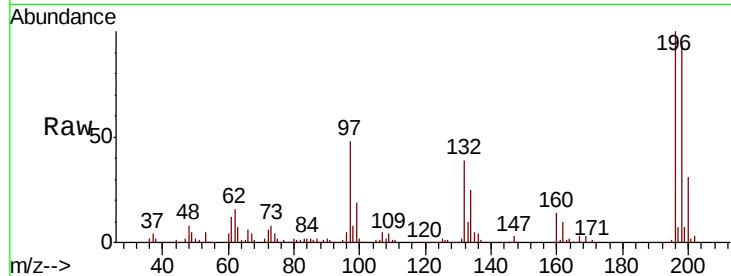




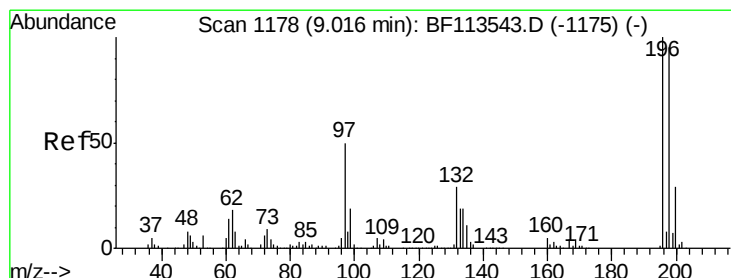
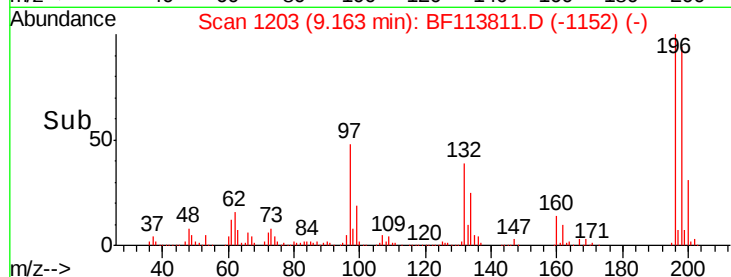
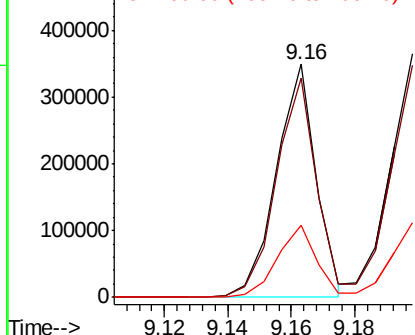
#43
 2,4,6-Trichlorophenol
 Concen: 39.877 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 303216
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.6 113.4
 200 30.9 24.7 37.1

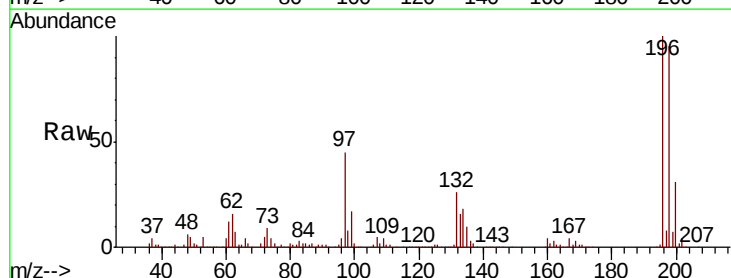


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

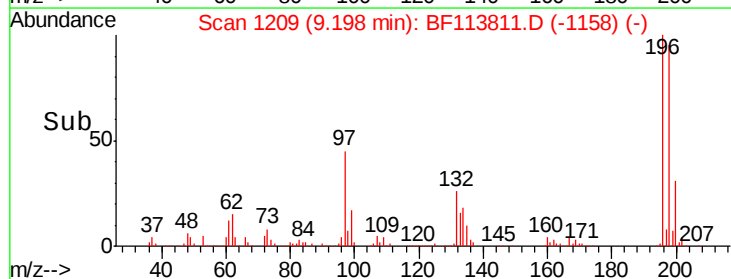
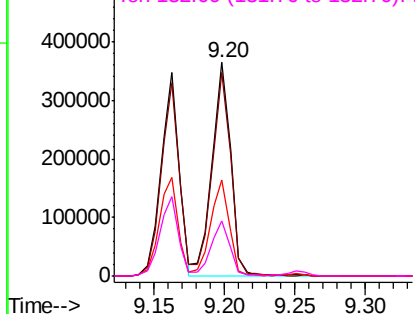


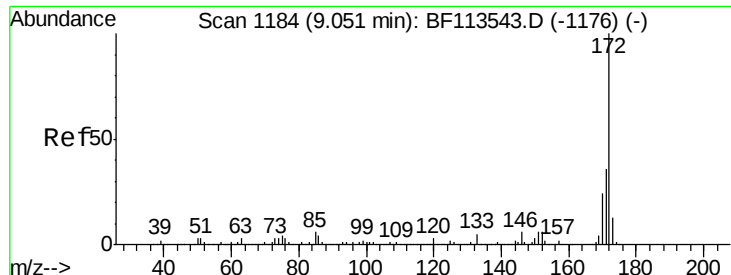
#44
 2,4,5-Trichlorophenol
 Concen: 40.942 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:196 Resp: 334224
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.2 114.4
 97 44.8 35.8 53.8
 132 26.1 20.9 31.3



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

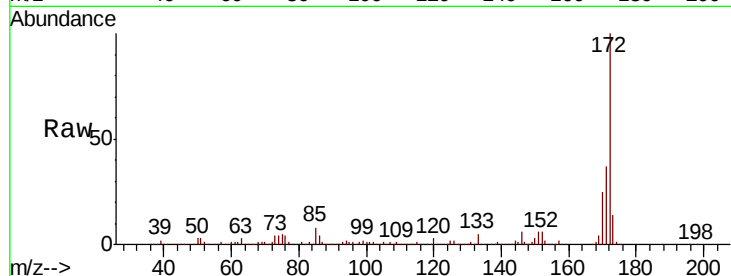




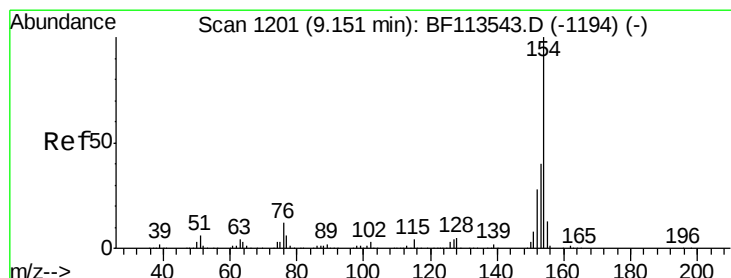
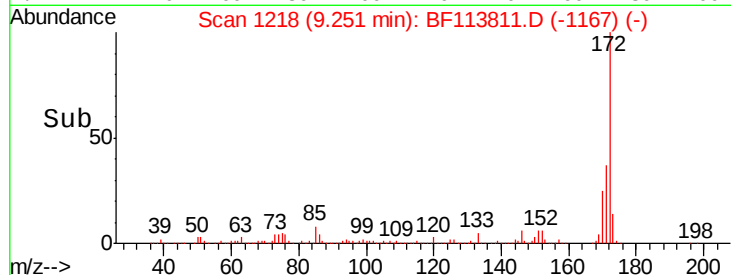
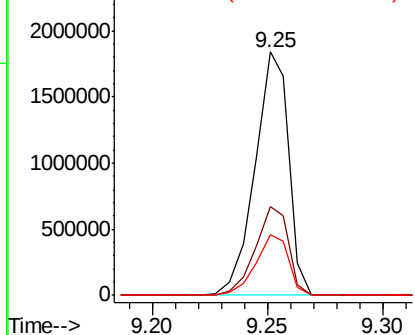
#45
2-Fluorobiphenyl
Concen: 80.580 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1864341
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.9 19.9 29.9

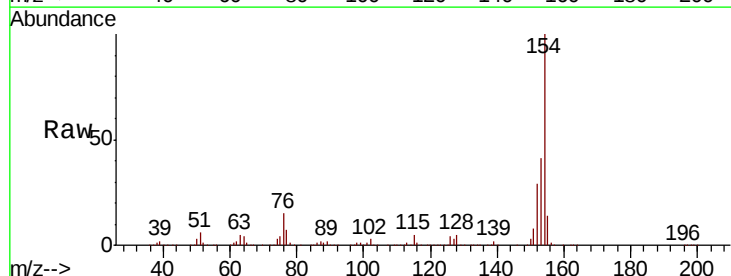


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

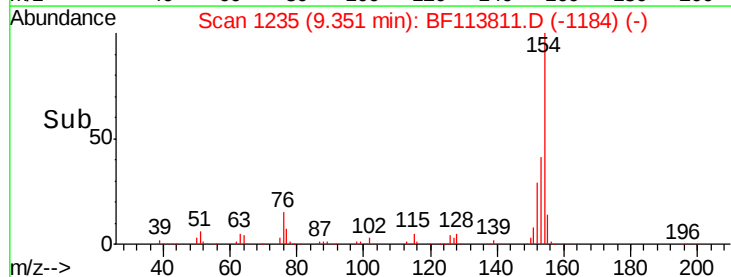
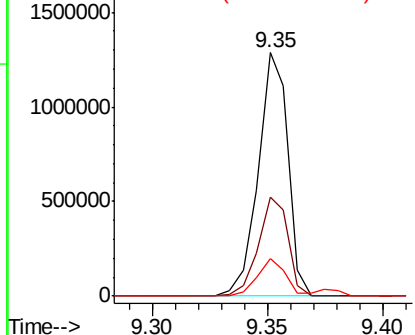


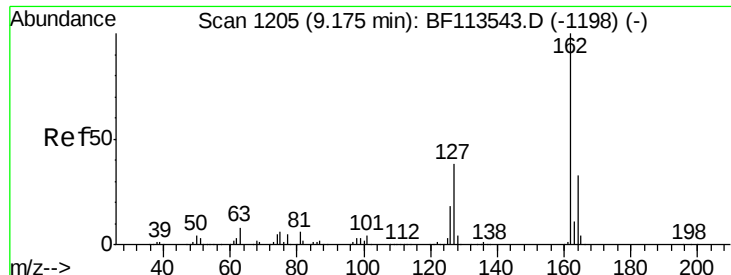
#46
1,1'-Biphenyl
Concen: 37.457 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:154 Resp: 1151284
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 15.2 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

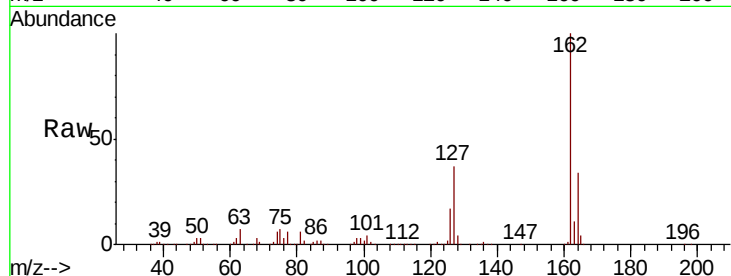




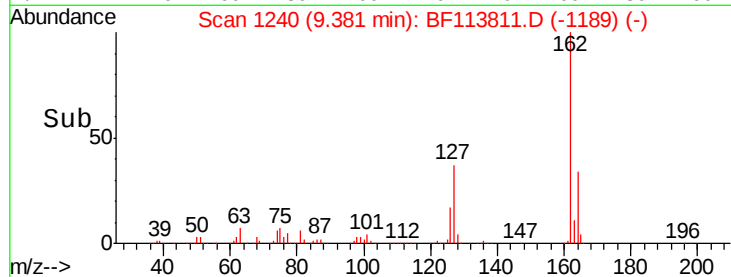
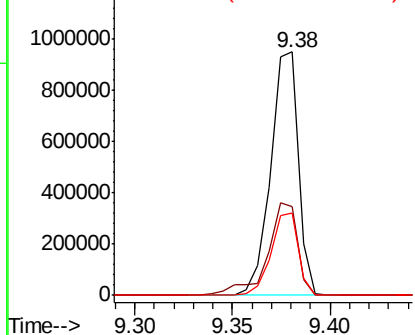
#47
 2-Chloronaphthalene
 Concen: 40.174 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	29.3	43.9
164	33.9	27.1	40.7

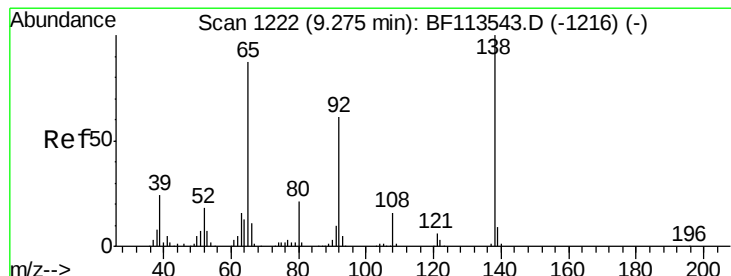


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

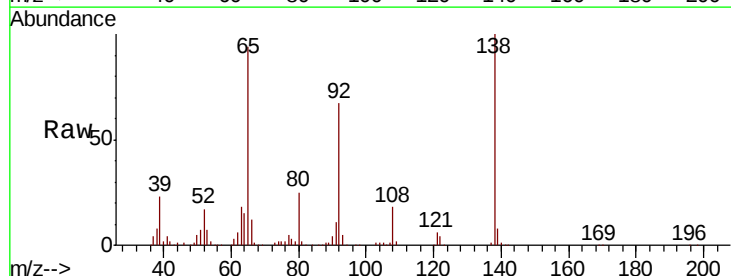
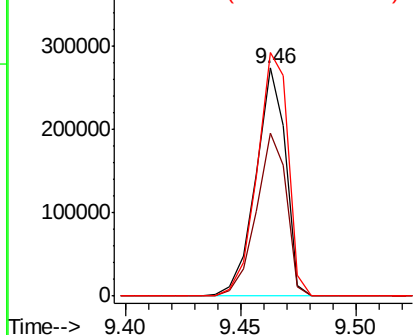


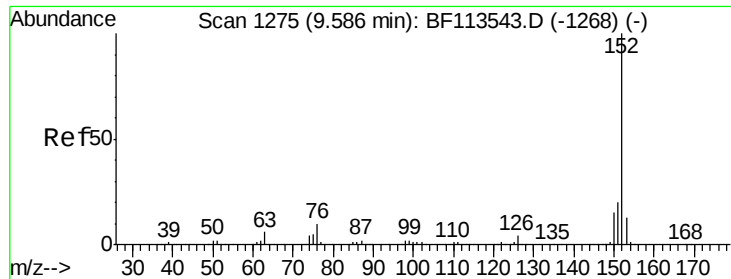
#48
 2-Nitroaniline
 Concen: 34.583 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	57.4	86.0
138	106.7	85.4	128.0



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





#49

Acenaphthylene

Concen: 38.970 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

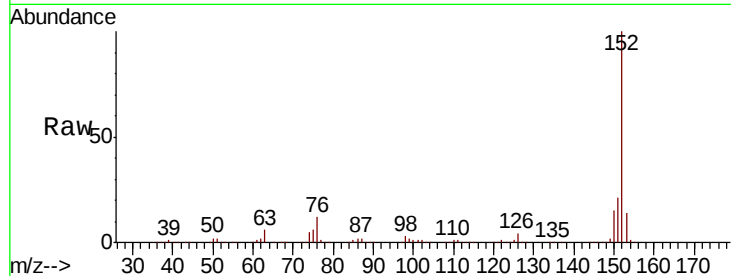
Tot Ion:152 Resp: 1474684

Ion Ratio Lower Upper

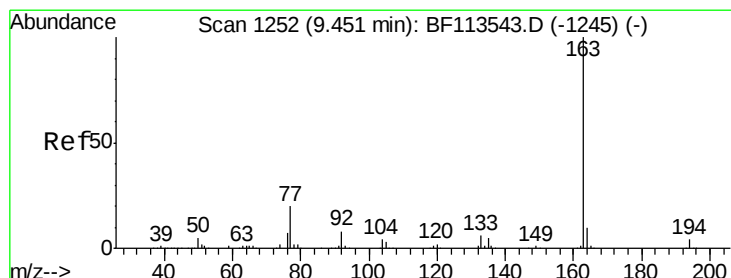
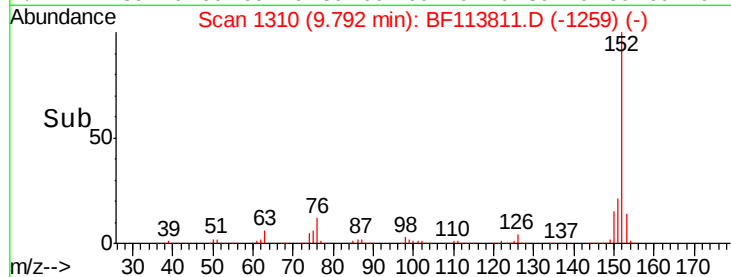
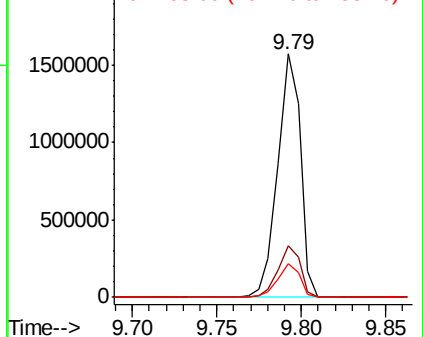
152 100

151 21.2 17.0 25.4

153 13.8 11.0 16.6



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: 38.603 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

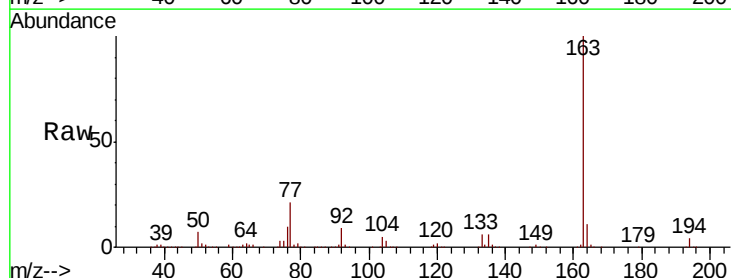
Tgt Ion:163 Resp: 1059879

Ion Ratio Lower Upper

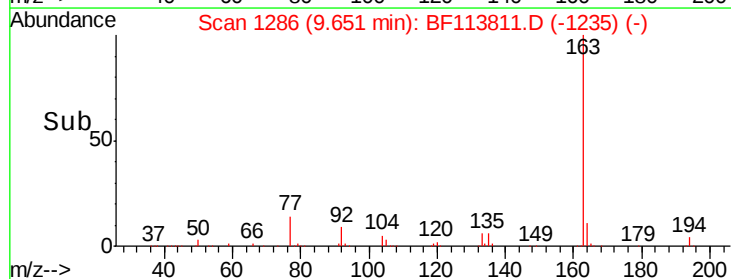
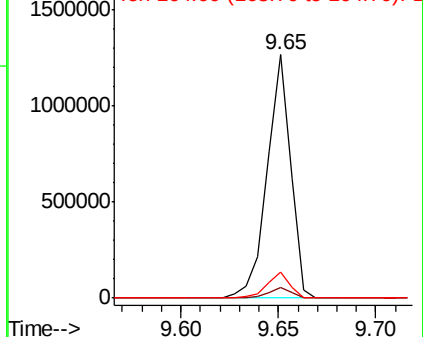
163 100

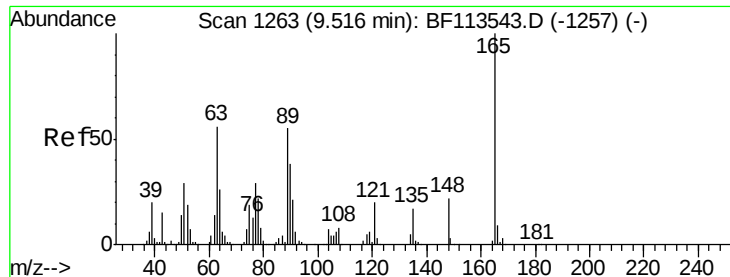
194 4.3 3.4 5.2

164 10.6 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 38.510 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

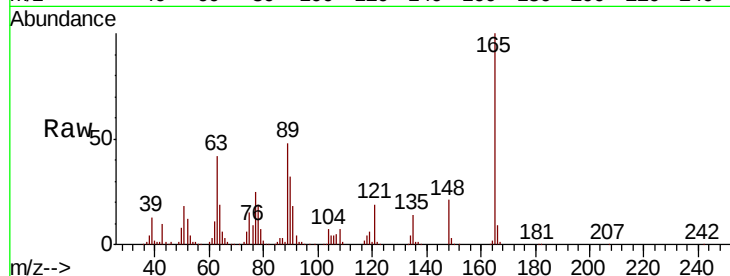
Tot Ion:165 Resp: 233065

Ion Ratio Lower Upper

165 100

63 42.3 33.8 50.8

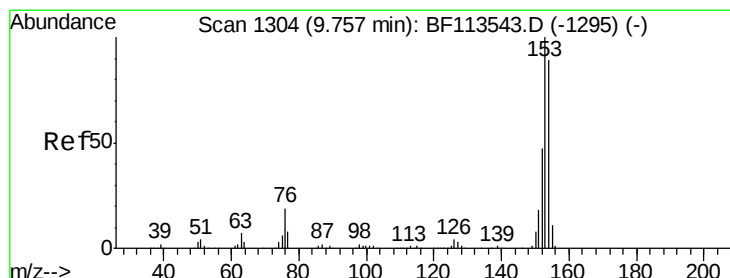
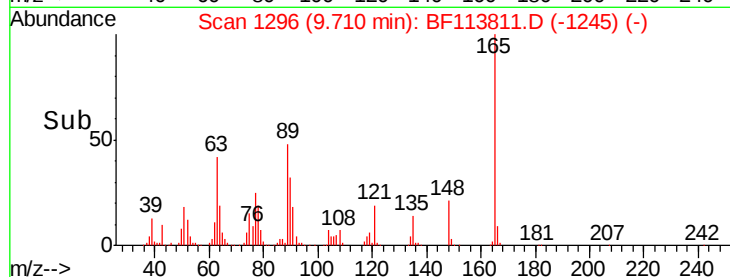
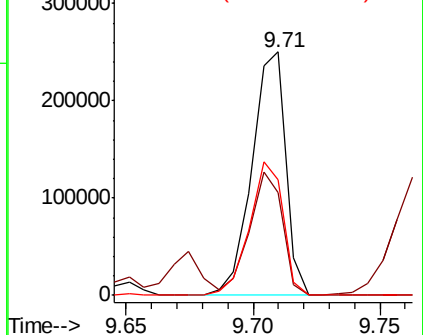
89 47.7 38.2 57.2



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: 39.450 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

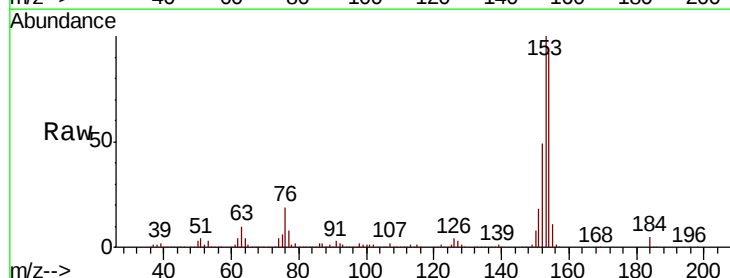
Tgt Ion:154 Resp: 854546

Ion Ratio Lower Upper

154 100

153 109.0 87.2 130.8

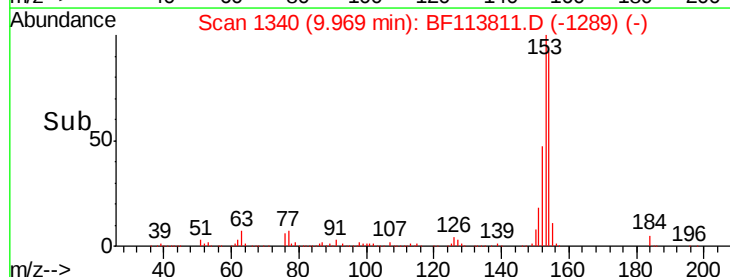
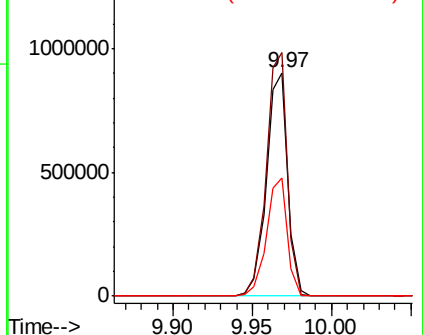
152 52.9 42.3 63.5

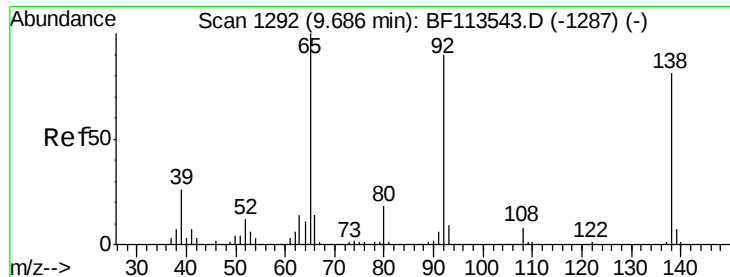


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

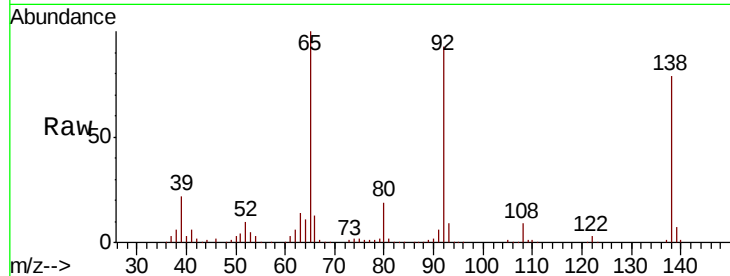




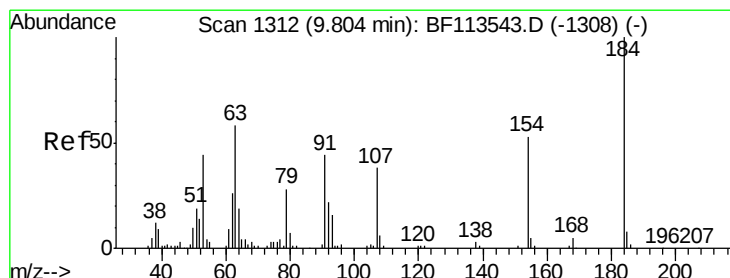
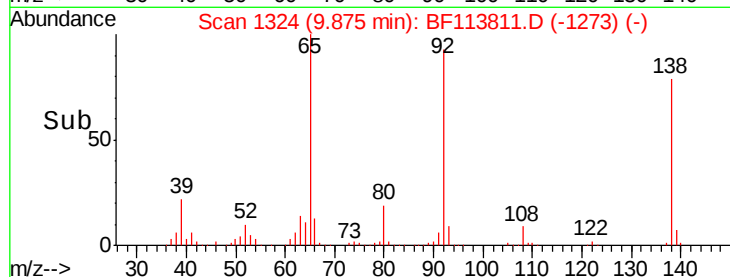
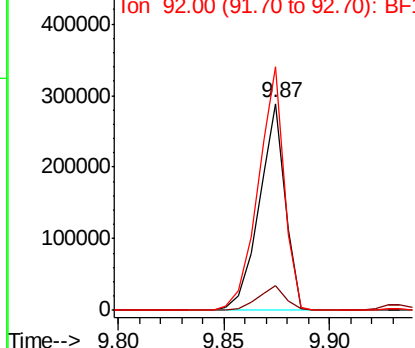
#53
3-Nitroaniline
Concen: 36.064 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 248153
Ion Ratio Lower Upper
138 100
108 11.8 9.4 14.2
92 117.6 94.1 141.1

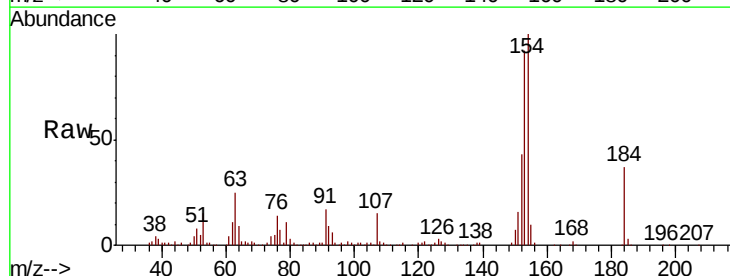


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

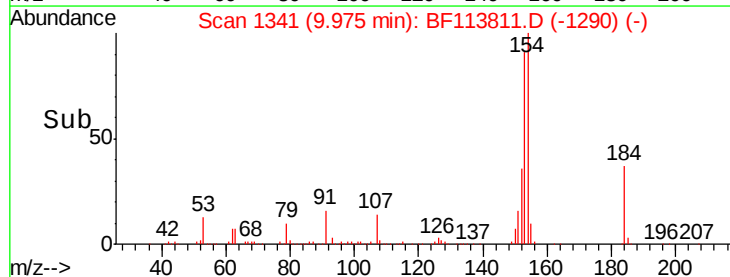
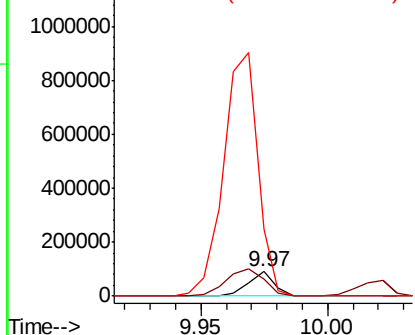


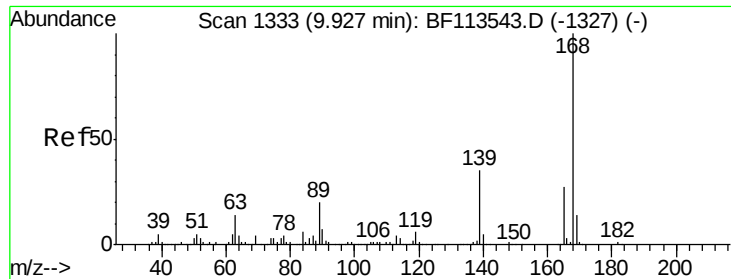
#54
2,4-Dinitrophenol
Concen: 23.568 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:184 Resp: 66731
Ion Ratio Lower Upper
184 100
63 68.2 54.6 81.8
154 273.3 218.6 328.0



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

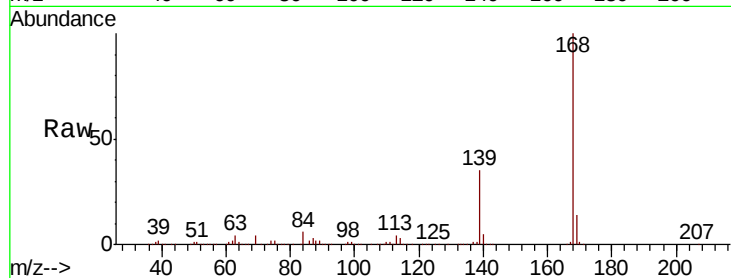




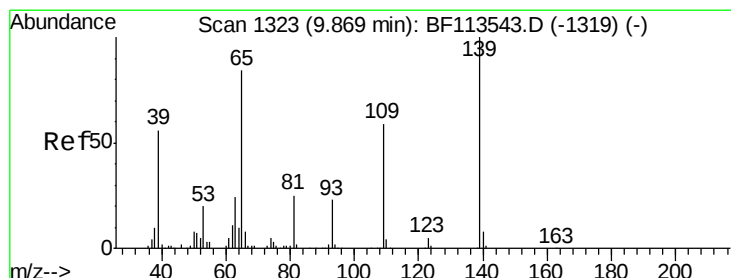
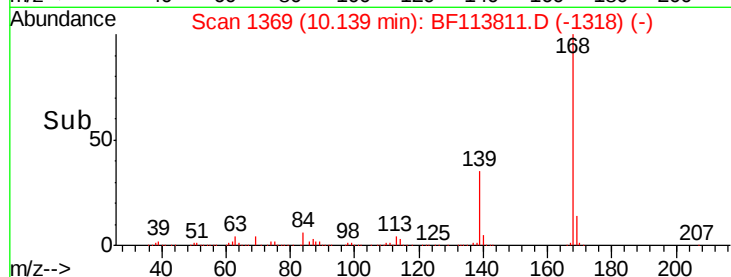
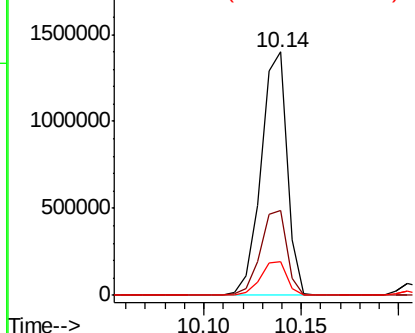
#55
 Dibenzofuran
 Concen: 40.693 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 1293041
 Ion Ratio Lower Upper
 168 100
 139 34.7 27.8 41.6
 169 13.8 11.0 16.6

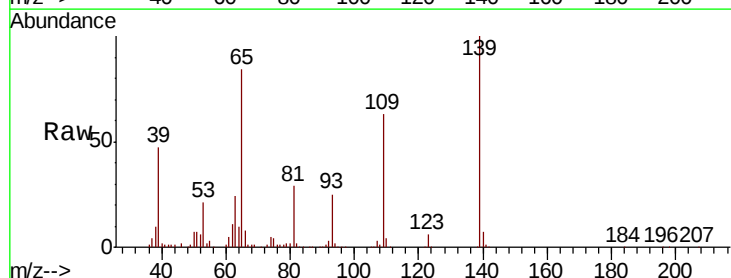


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

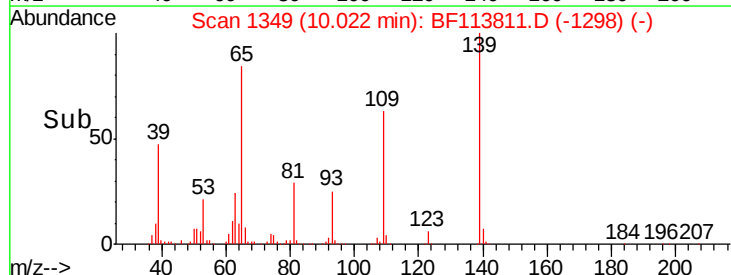
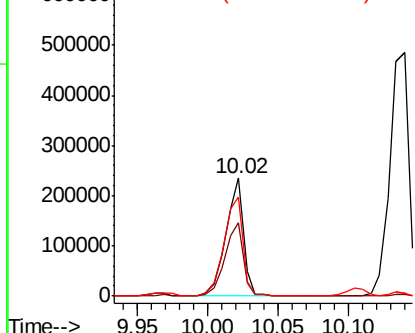


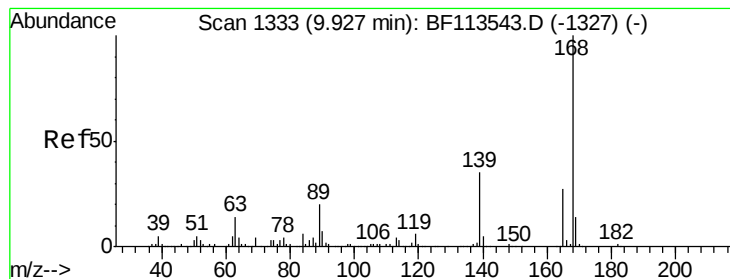
#56
 4-Nitrophenol
 Concen: 47.883 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:139 Resp: 204385
 Ion Ratio Lower Upper
 139 100
 109 62.9 42.9 82.9
 65 84.4 64.4 104.4



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





#57

2,4-Dinitrotoluene

Concen: 39.848 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 291669

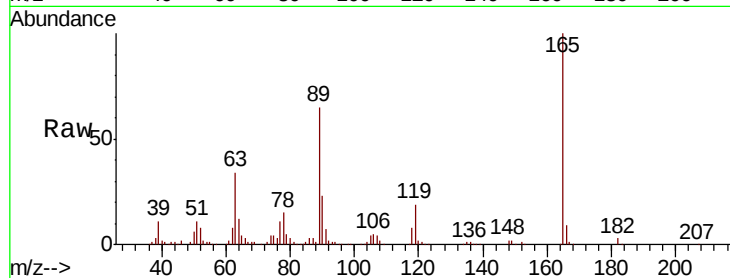
Ion Ratio Lower Upper

165 100

63 34.2 27.4 41.0

89 64.7 51.8 77.6

182 2.7 2.2 3.2

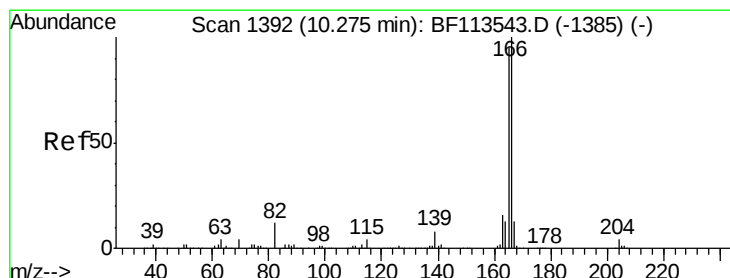
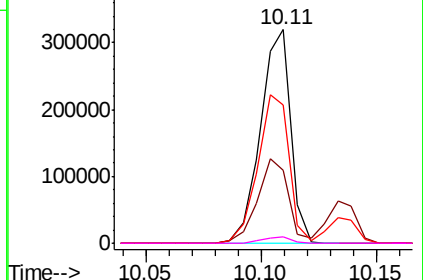
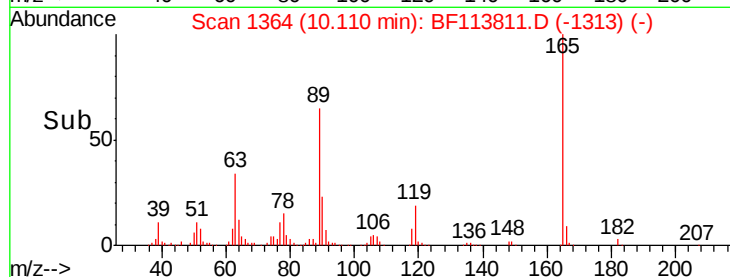


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.045 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

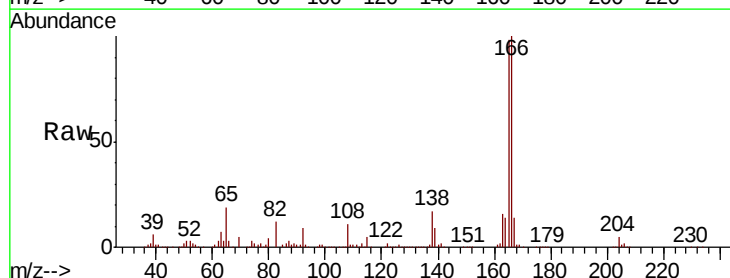
Tgt Ion:166 Resp: 956136

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

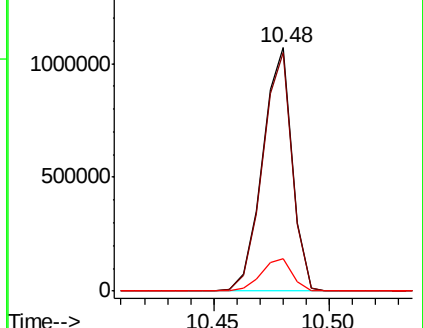
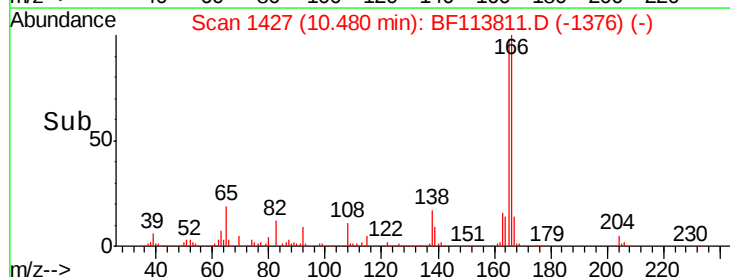
167 13.6 10.9 16.3

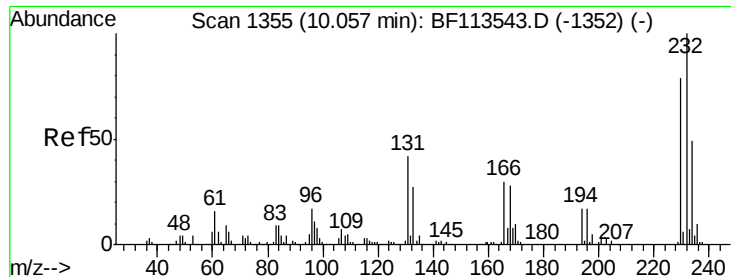


Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.421 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 285622

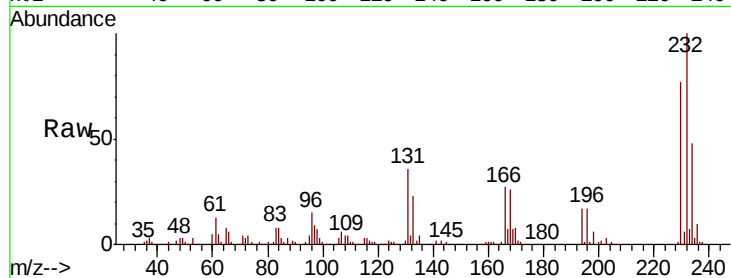
Ion Ratio Lower Upper

232 100

131 37.7 30.2 45.2

130 1.9 1.5 2.3

166 27.8 22.2 33.4

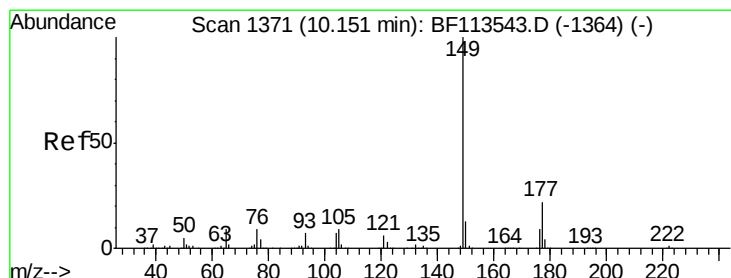
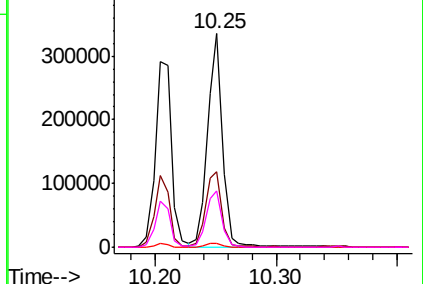
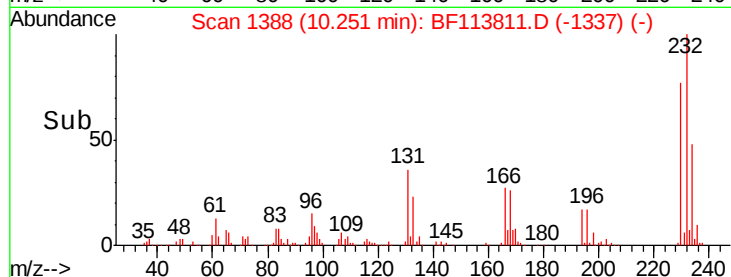


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.035 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

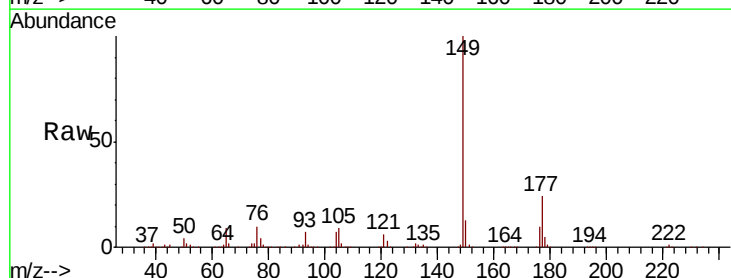
Tgt Ion:149 Resp: 1006845

Ion Ratio Lower Upper

149 100

177 24.0 19.2 28.8

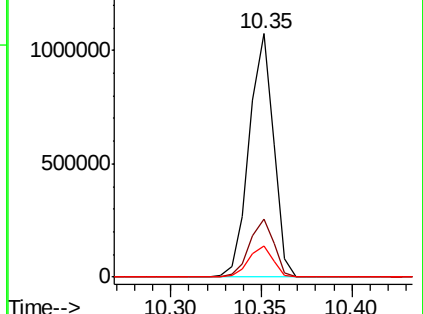
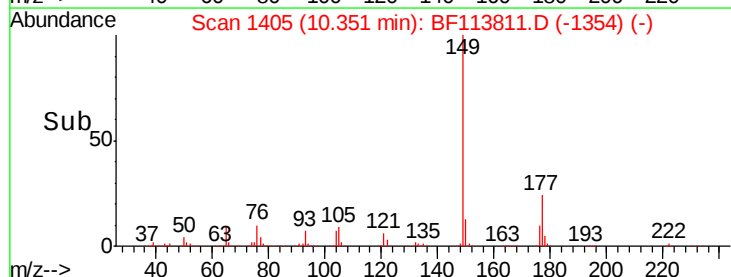
150 12.9 10.3 15.5

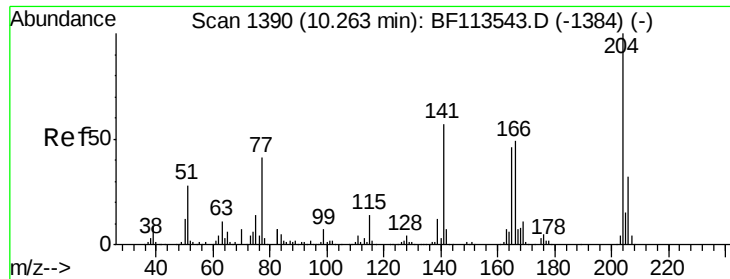


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

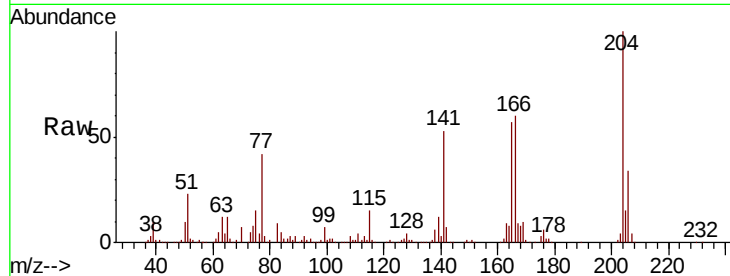




#61
4-Chlorophenyl-phenylether
Concen: 40.212 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	53.2	42.6	63.8

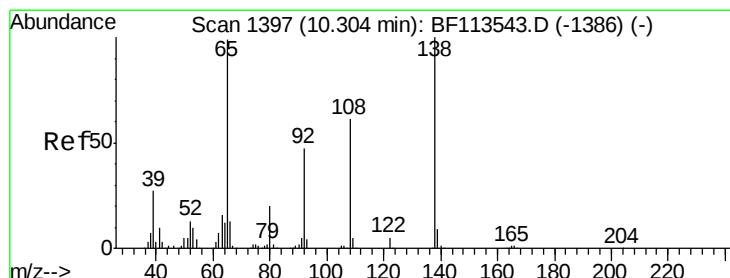
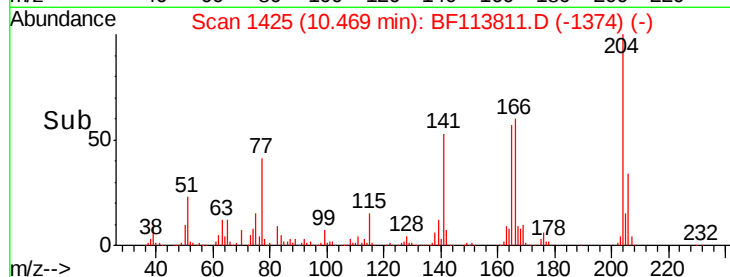
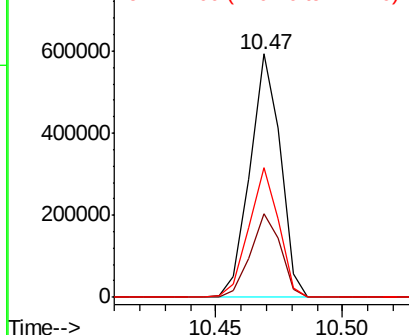


Abundance

Ion 204.00 (203.70 to 204.70): E

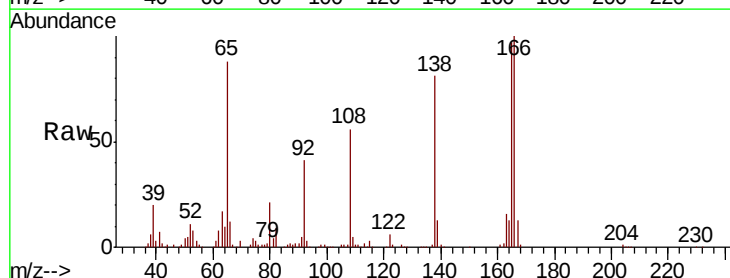
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.489 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.3	71.3
108	68.9	48.9	88.9

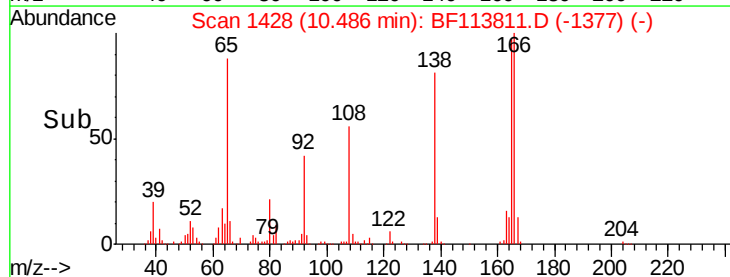
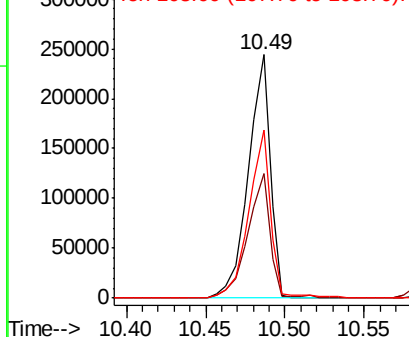


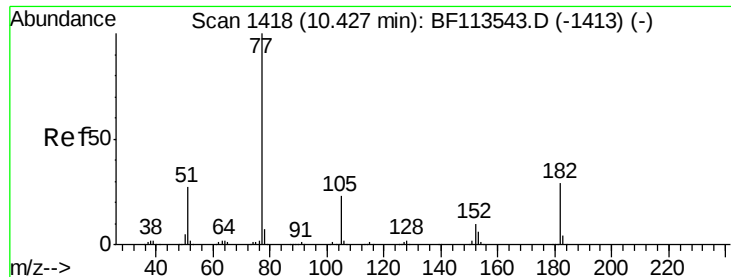
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.769 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1046916

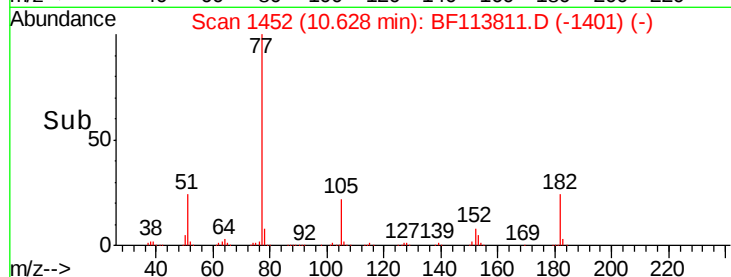
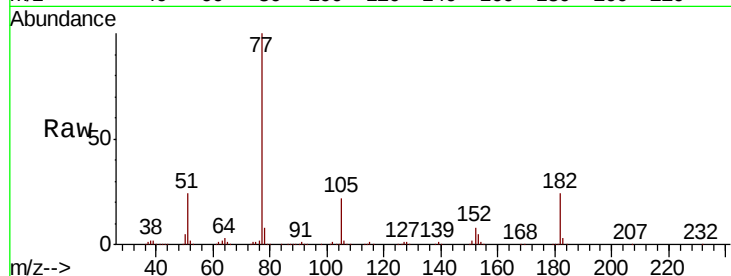
Ion Ratio Lower Upper

77 100

182 24.4 4.4 44.4

105 22.2 2.2 42.2

51 23.9 3.9 43.9

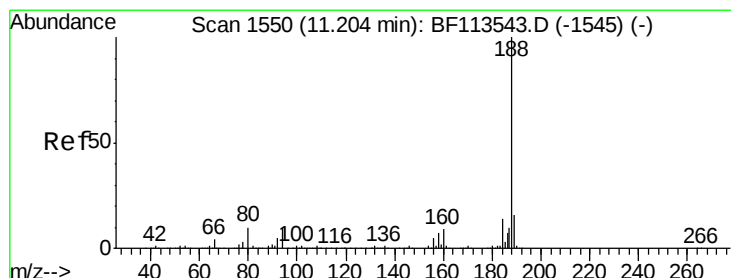
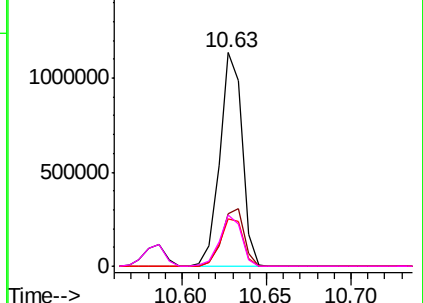


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

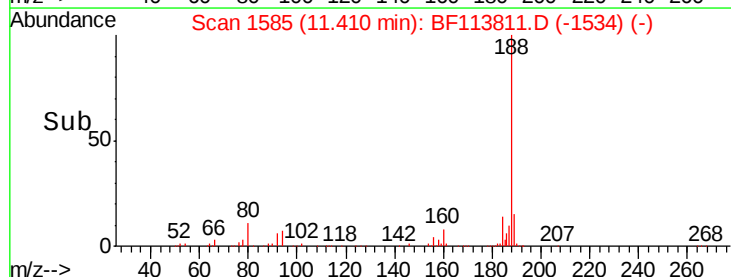
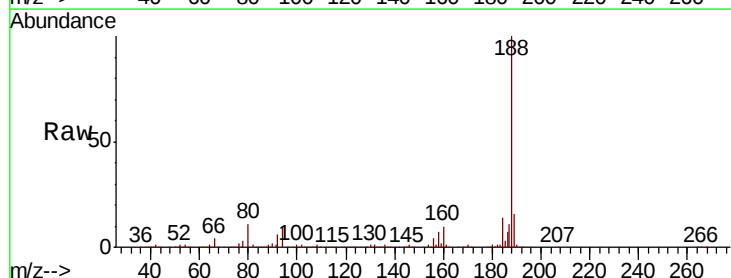
Tgt Ion: 188 Resp: 715940

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

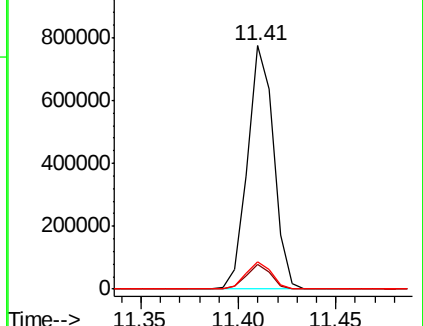
80 11.3 9.0 13.6

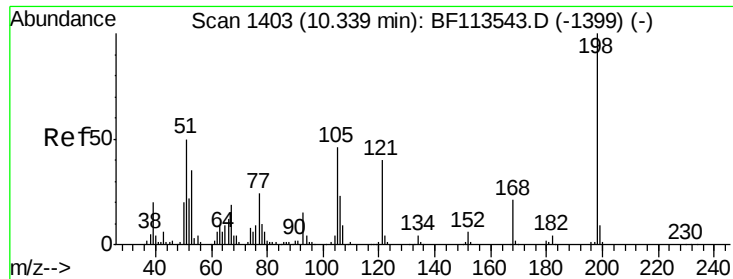


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

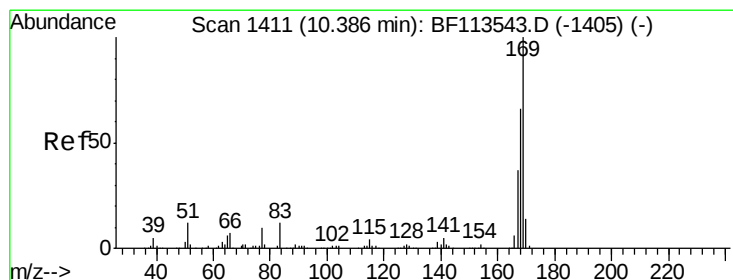
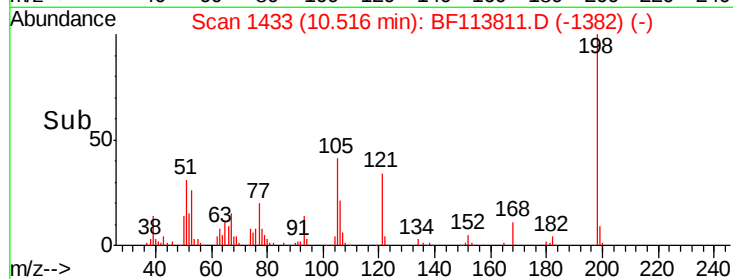
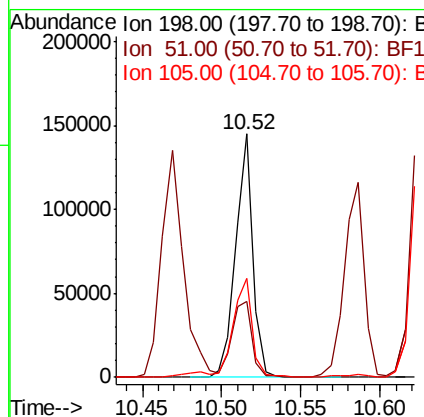
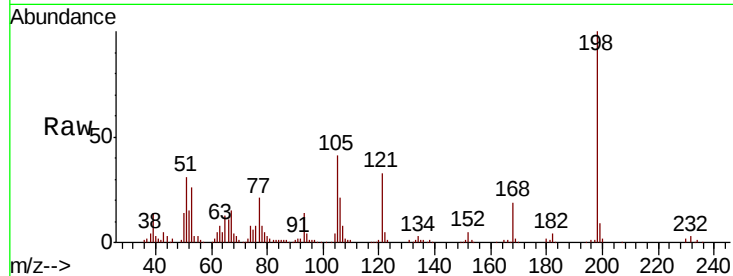




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.987 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

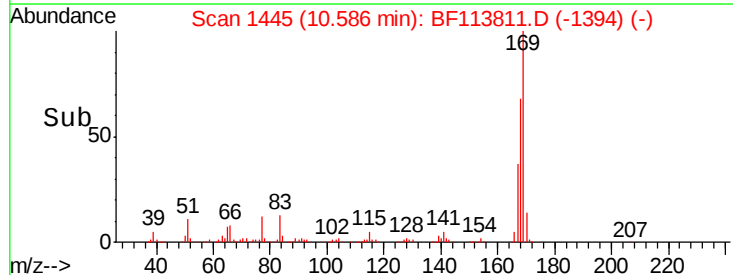
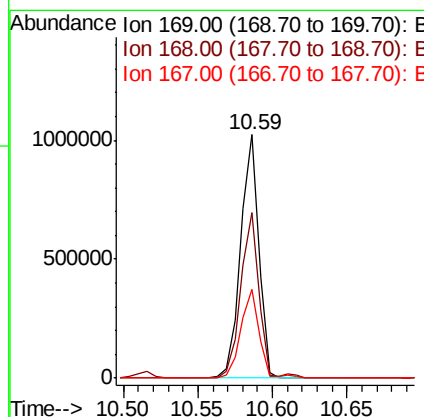
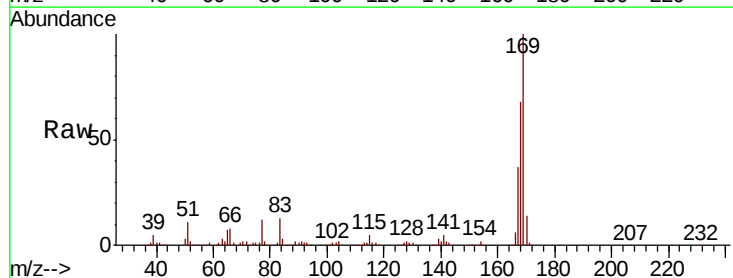
Instrument :
 BNA_F
 ClientSampleId :

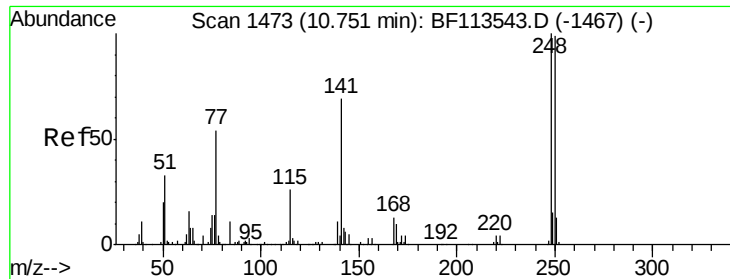
Tot Ion:	198	Resp:	109256
Ion	Ratio	Lower	Upper
198	100		
51	31.1	11.1	51.1
105	40.7	20.7	60.7



#66
 n-Nitrosodiphenylamine
 Concen: 39.774 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:	169	Resp:	874197
Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.3	81.5
167	36.7	29.4	44.0

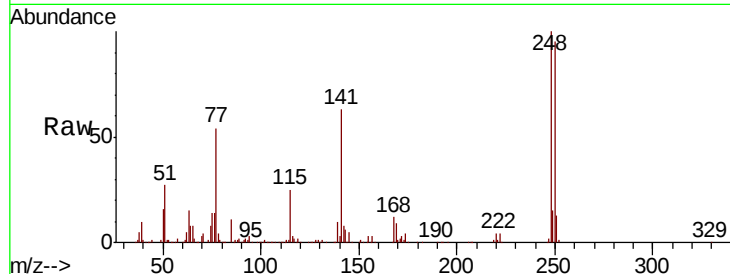




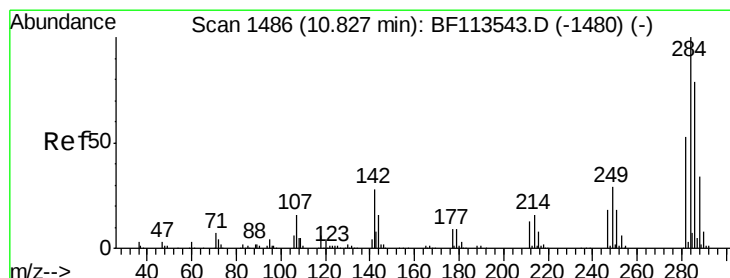
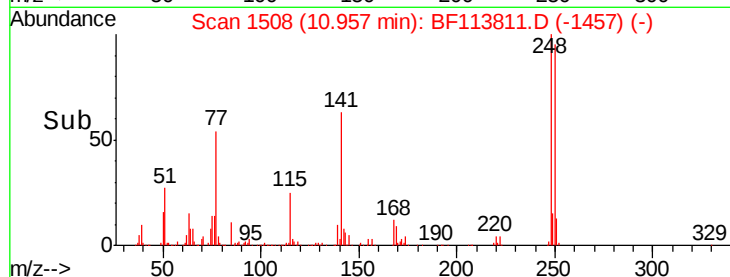
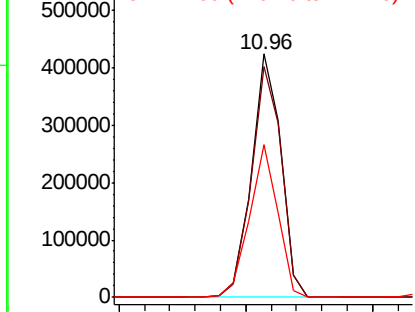
#67
4-Bromophenyl-phenylether
Concen: 42.701 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 342871
Ion Ratio Lower Upper
248 100
250 94.7 75.8 113.6
141 62.8 50.2 75.4

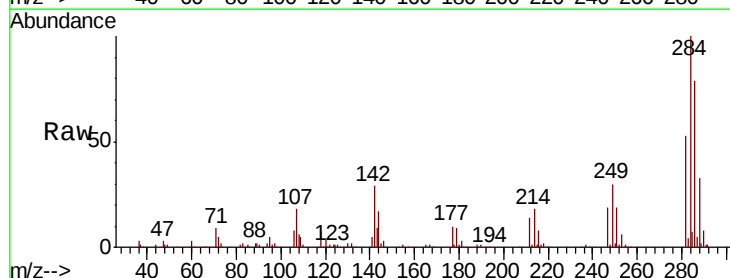


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

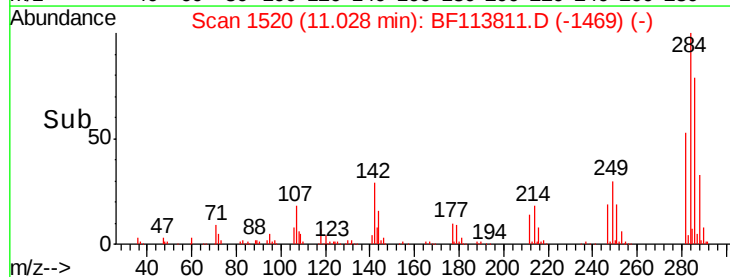
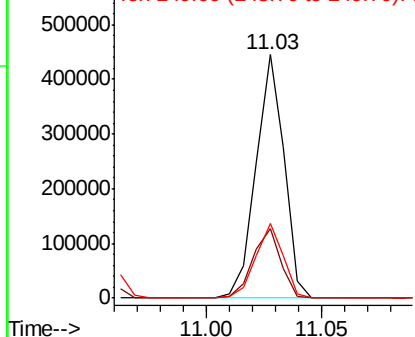


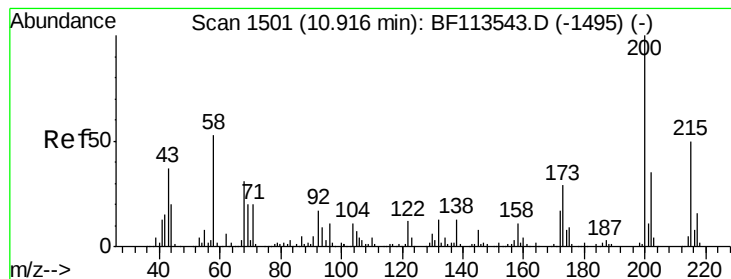
#68
Hexachlorobenzene
Concen: 41.007 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:284 Resp: 377285
Ion Ratio Lower Upper
284 100
142 28.7 23.0 34.4
249 30.5 24.4 36.6



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





#69

Atrazine

Concen: 40.379 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

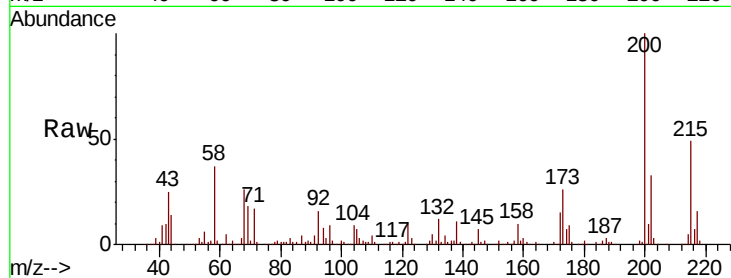
Tot Ion:200 Resp: 279732

Ion Ratio Lower Upper

200 100

173 25.9 5.9 45.9

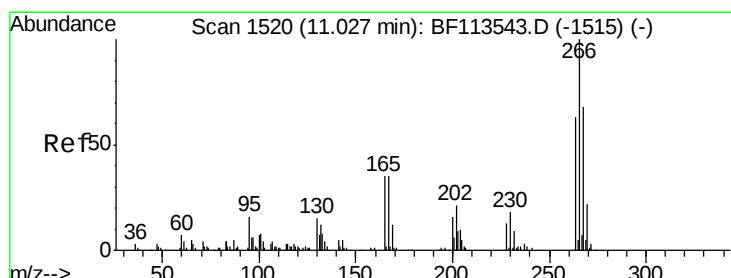
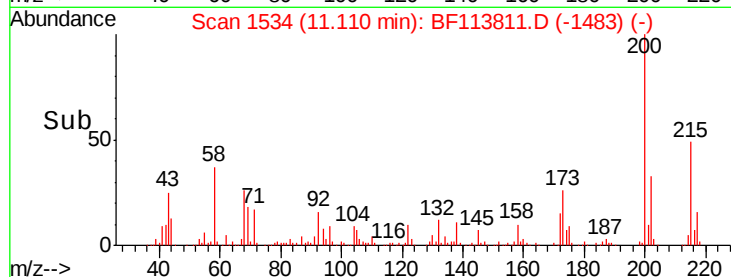
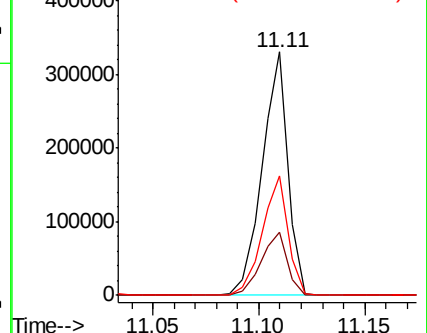
215 49.3 29.3 69.3



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: 48.761 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

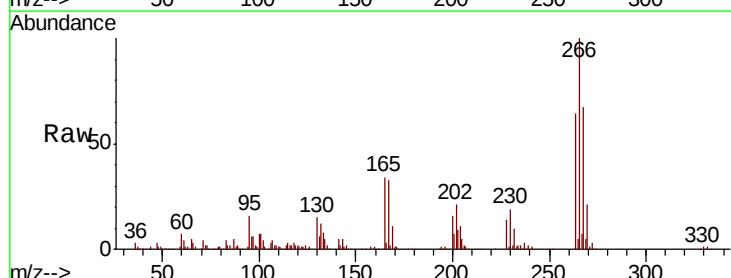
Tgt Ion:266 Resp: 211395

Ion Ratio Lower Upper

266 100

268 66.9 53.5 80.3

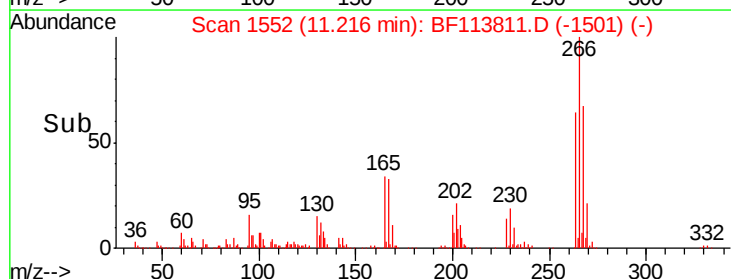
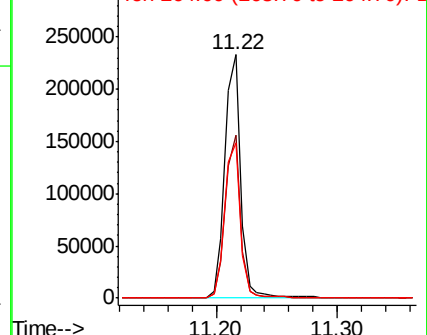
264 63.8 51.0 76.6

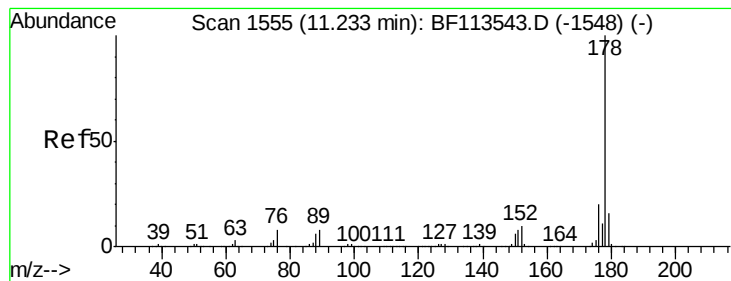


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.878 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

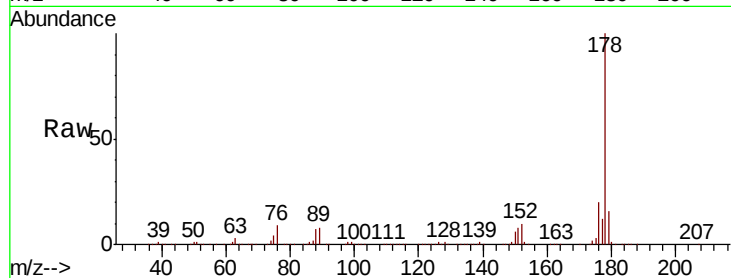
Tot Ion:178 Resp: 1489835

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

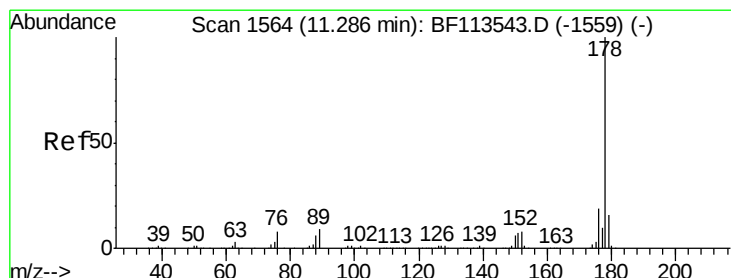
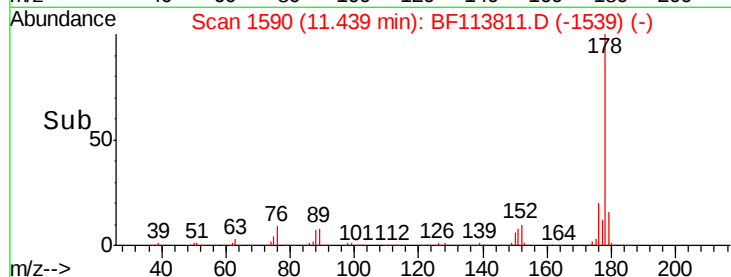
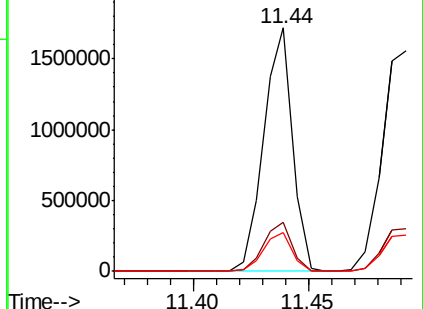
179 16.0 12.8 19.2



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: 41.362 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

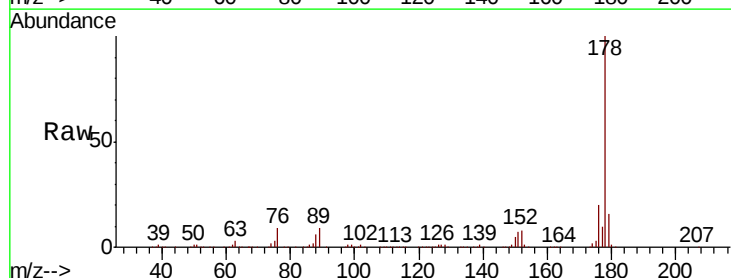
Tgt Ion:178 Resp: 1497125

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

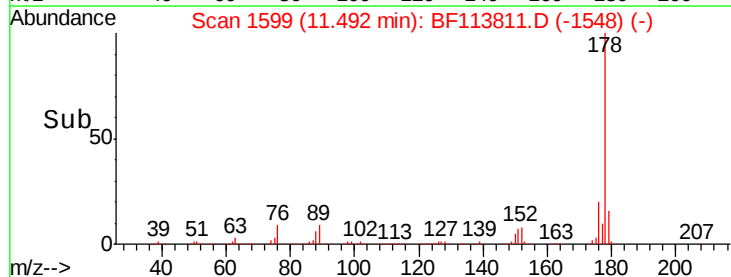
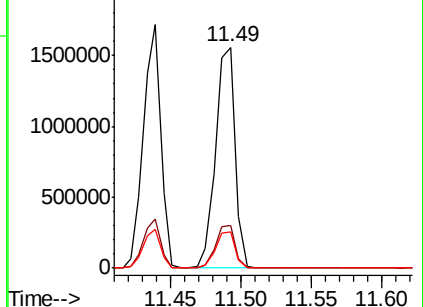
179 16.2 13.0 19.4

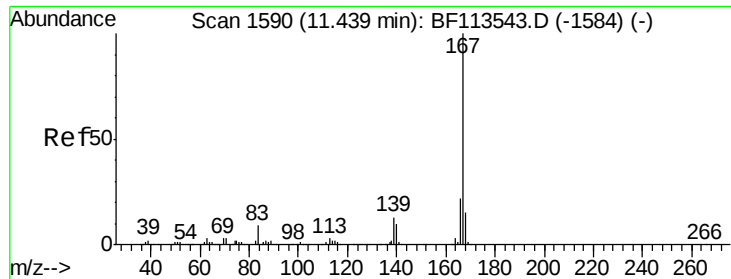


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

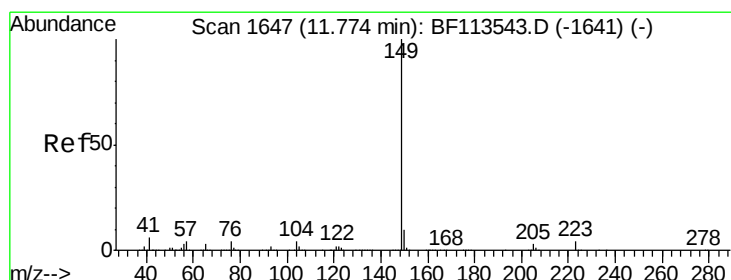
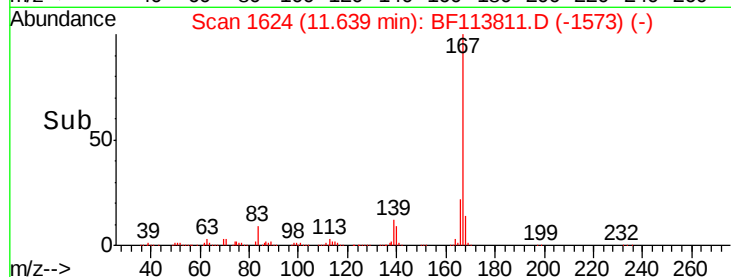
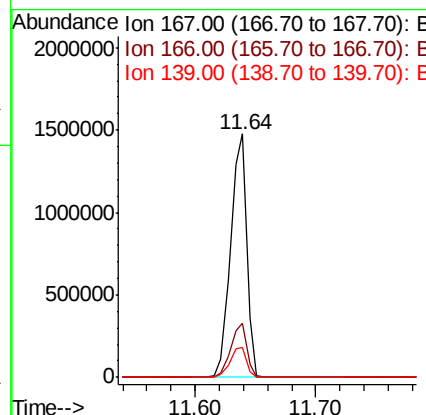
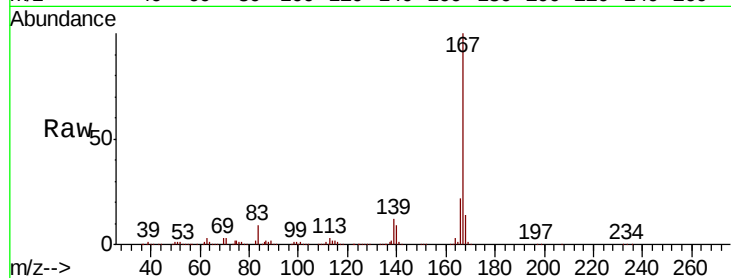




#73
 Carbazole
 Concen: 40.268 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

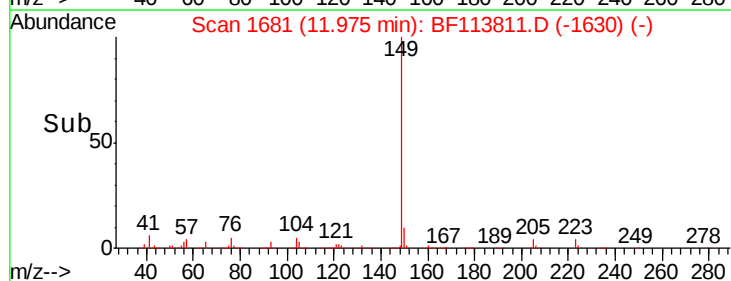
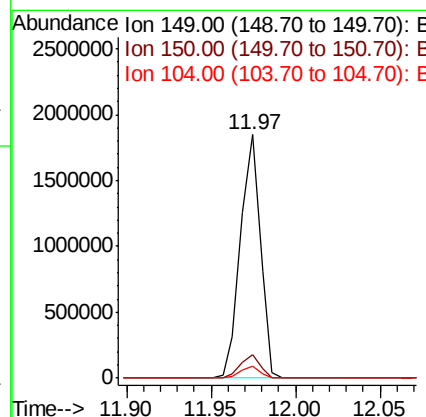
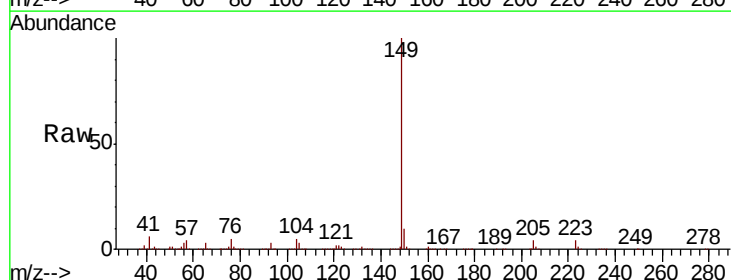
Instrument :
 BNA_F
 ClientSampleId :

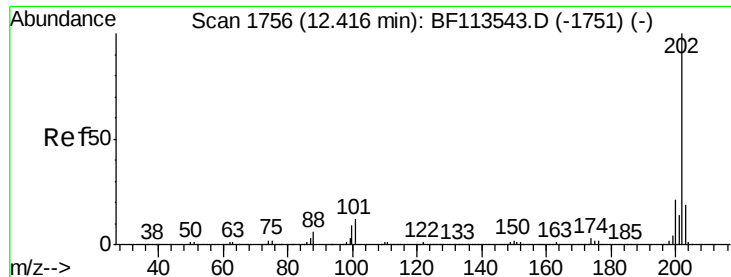
Tot Ion:167 Resp: 1363181
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 37.789 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:149 Resp: 1521807
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.8 3.8 5.8

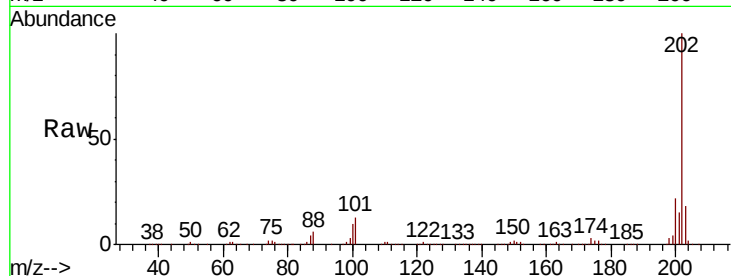




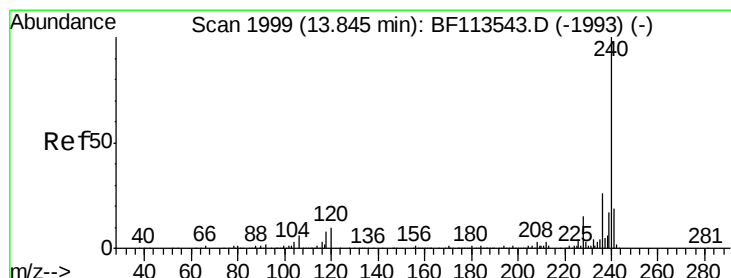
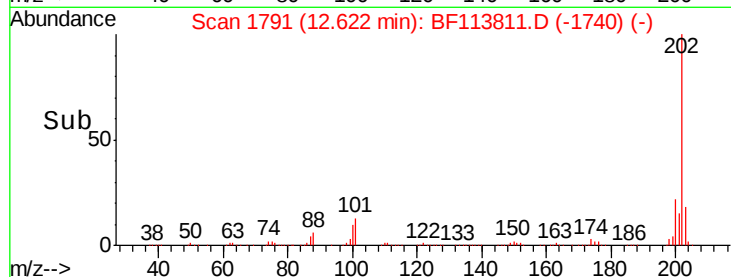
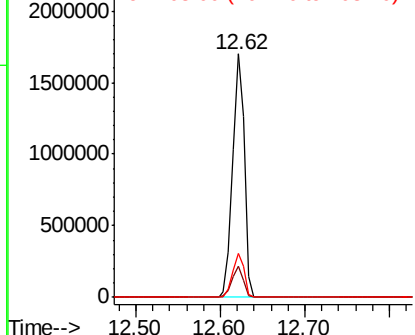
#75
 Fluoranthene
 Concen: 41.869 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1596136
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 32.9
 203 18.2 0.0 38.2

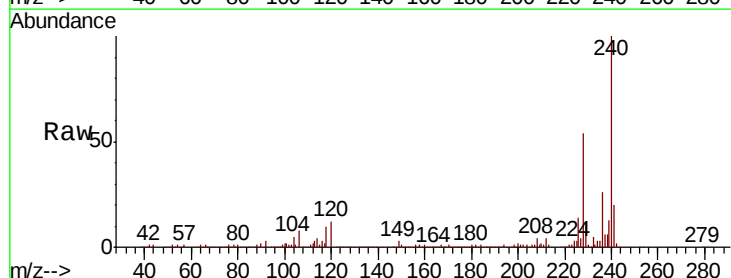


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

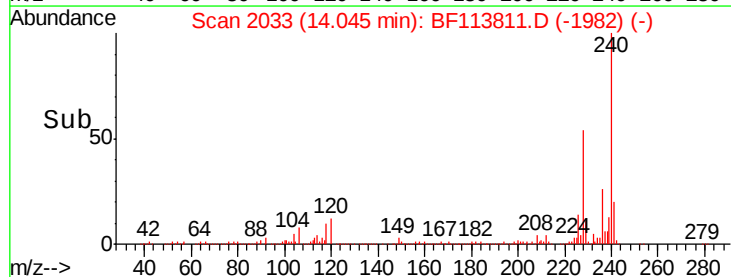
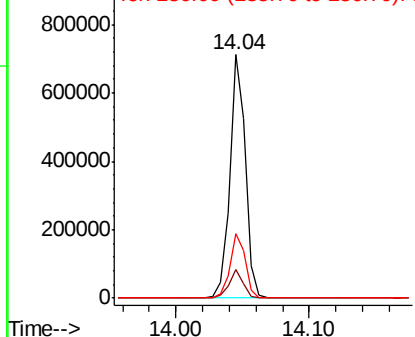


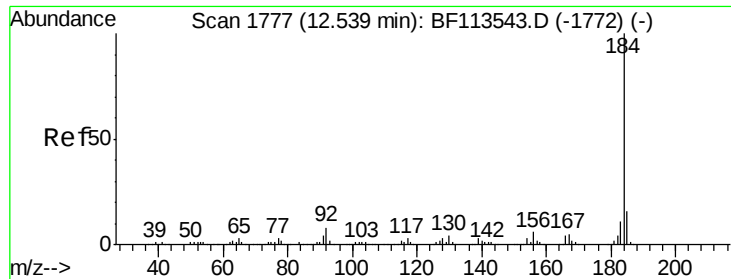
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF113811.D
 Acq: 18 Apr 2019 9:04

Tgt Ion:240 Resp: 582312
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.3 13.9
 236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.523 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

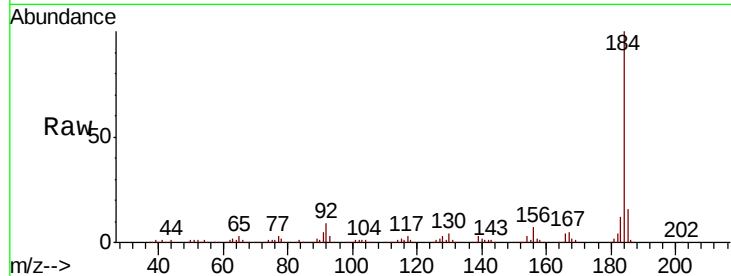
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 747563

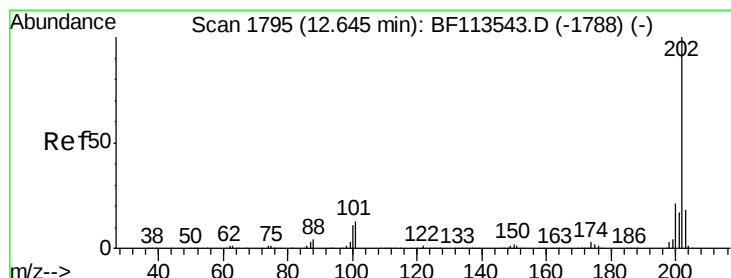
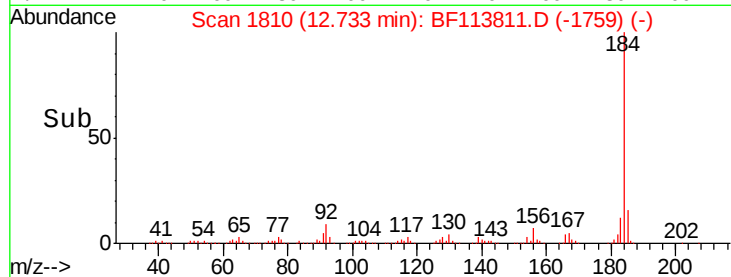
Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.0	19.6
183	11.7	9.4	14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.466 ng

RT: 12.85 min Scan# 1830

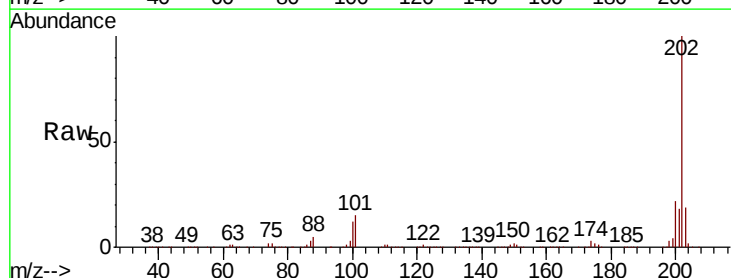
Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Tgt Ion:202 Resp: 1615720

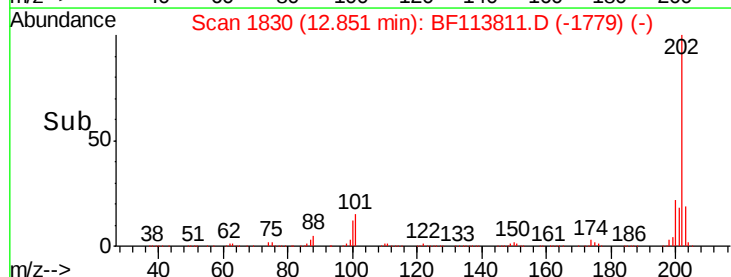
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.8	15.0	22.6

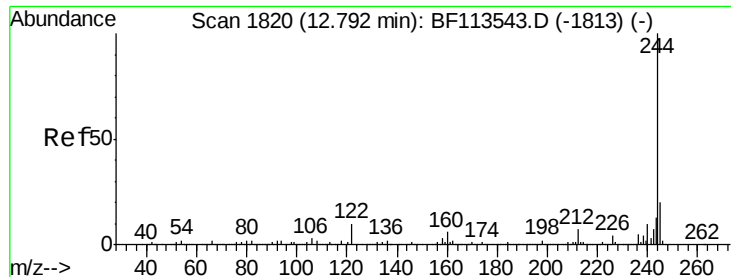


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.069 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampled :

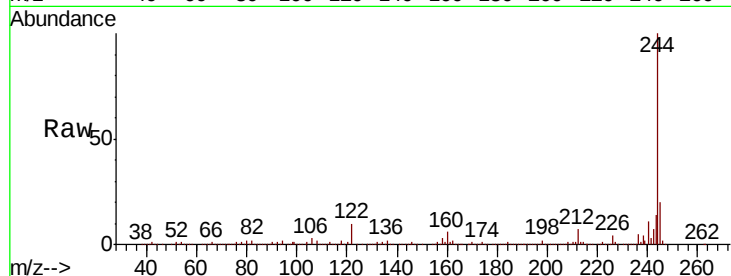
Tot Ion:244 Resp: 2204216

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

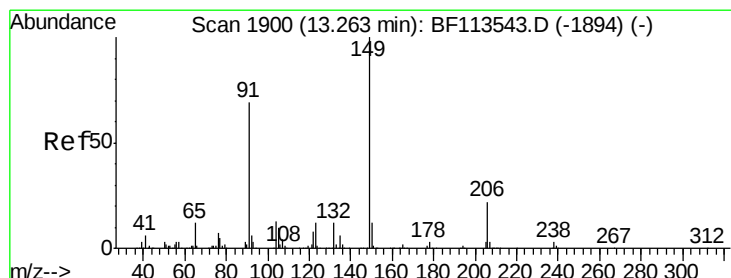
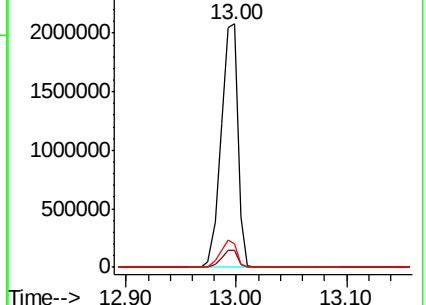
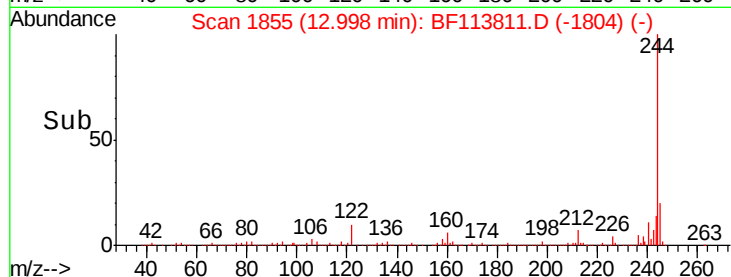
122 9.5 7.6 11.4



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: 33.313 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

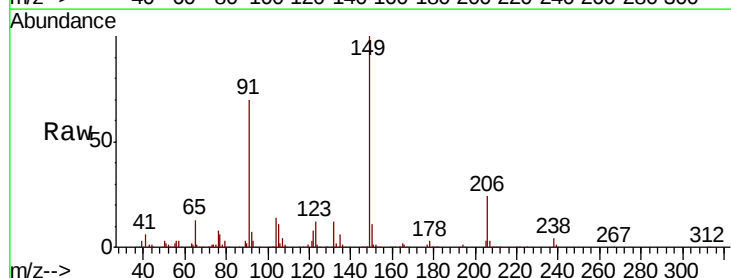
Tgt Ion:149 Resp: 600825

Ion Ratio Lower Upper

149 100

91 70.4 56.3 84.5

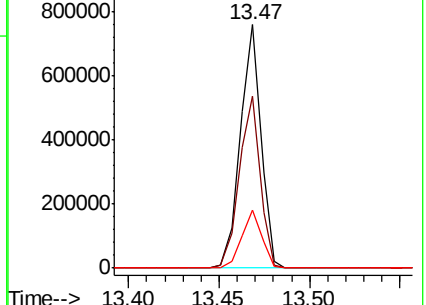
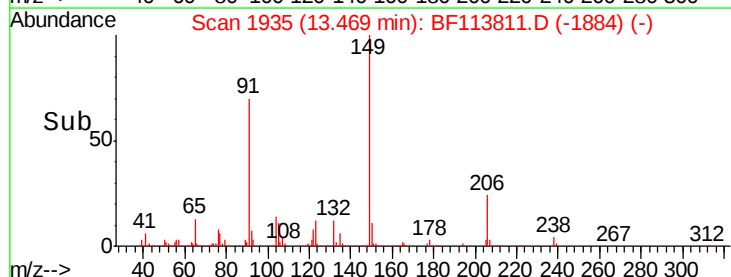
206 23.8 19.0 28.6

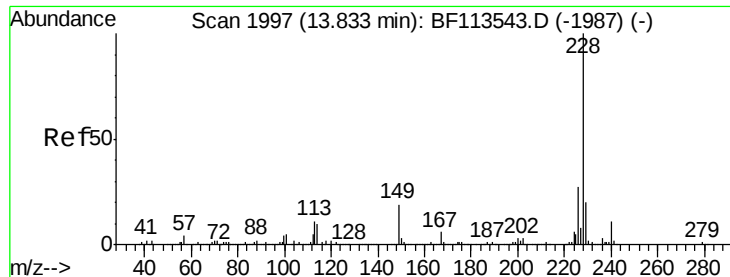


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.842 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

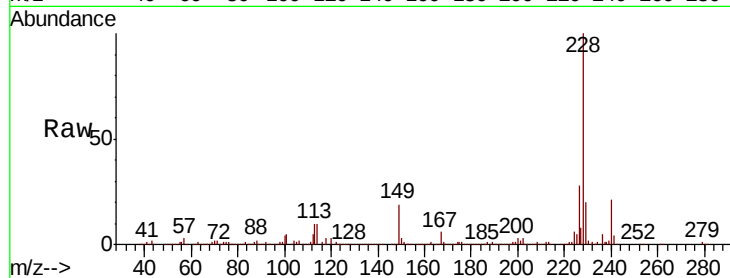
Tot Ion:228 Resp: 1371908

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.0	16.0	24.0

228 100

226 27.7 22.2 33.2

229 20.0 16.0 24.0

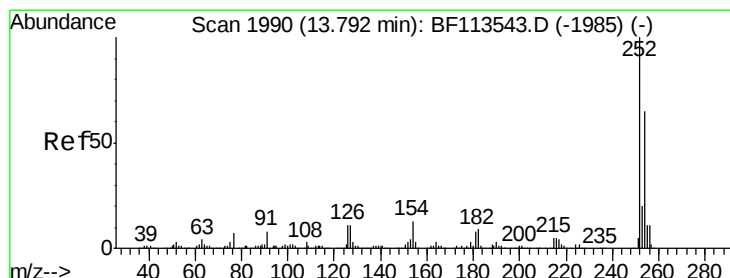
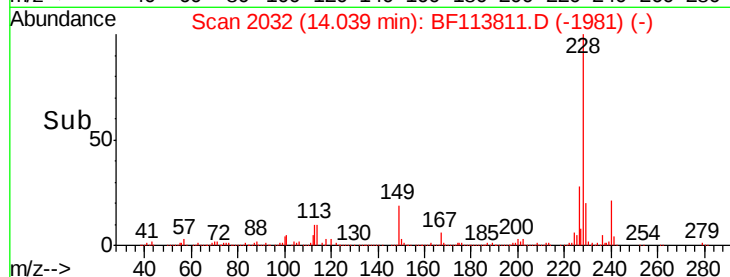
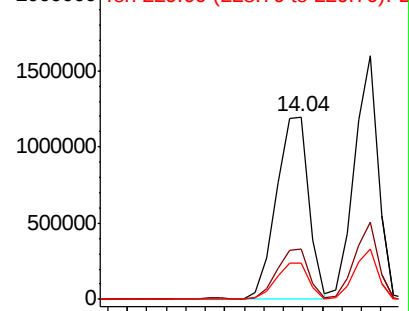


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.308 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

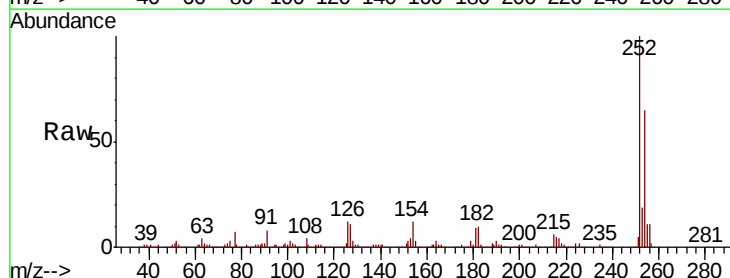
Tgt Ion:252 Resp: 508573

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.6	9.3	13.9

252 100

254 65.1 52.1 78.1

126 11.6 9.3 13.9

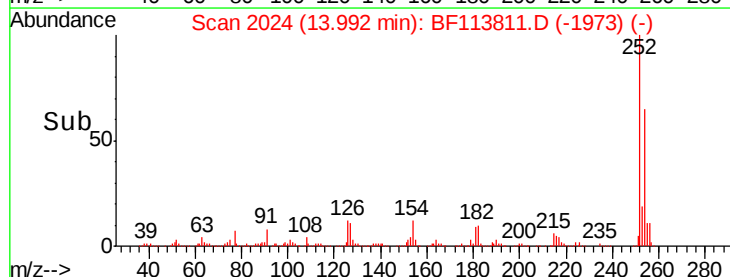
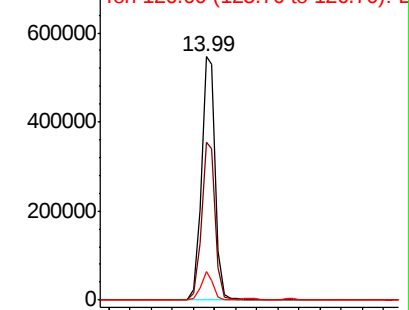


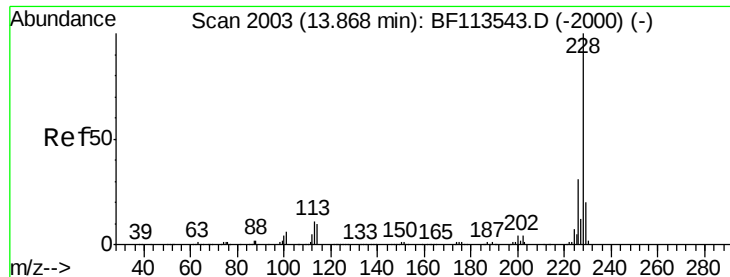
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.018 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

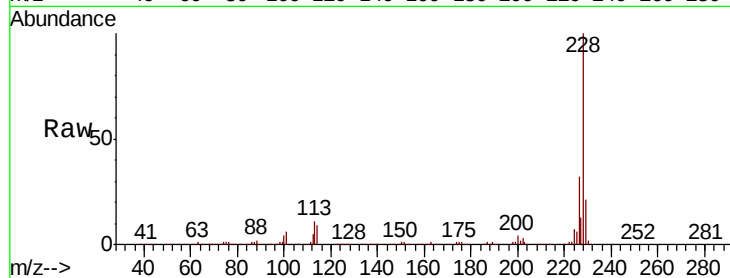
Tot Ion:228 Resp: 1362672

Ion Ratio Lower Upper

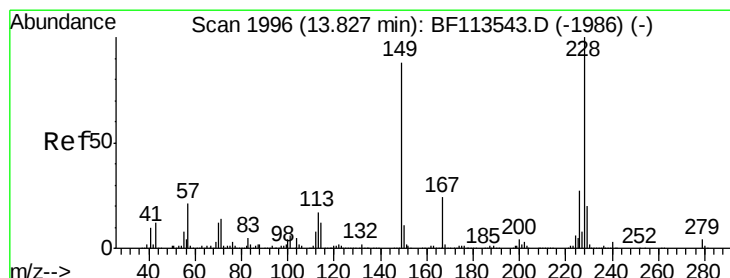
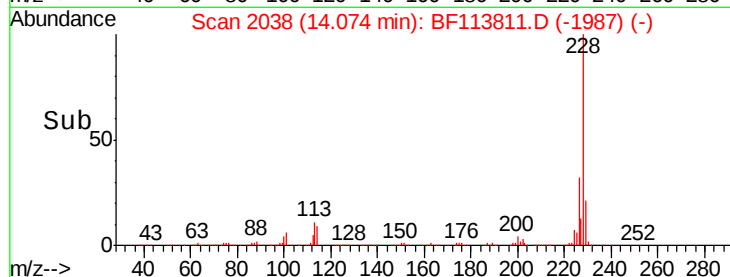
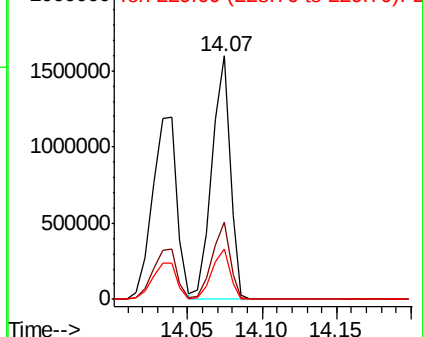
228 100

226 31.5 25.2 37.8

229 20.9 16.7 25.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.214 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

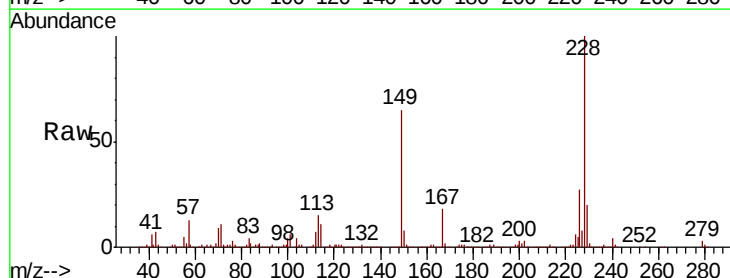
Tgt Ion:149 Resp: 724271

Ion Ratio Lower Upper

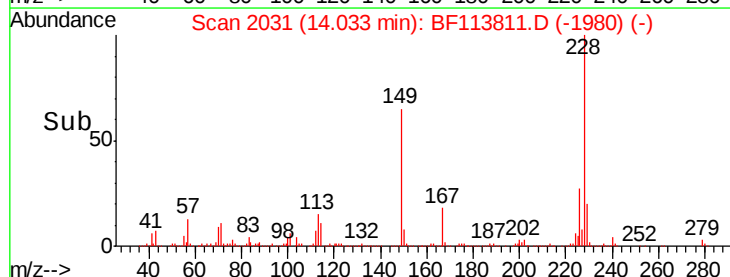
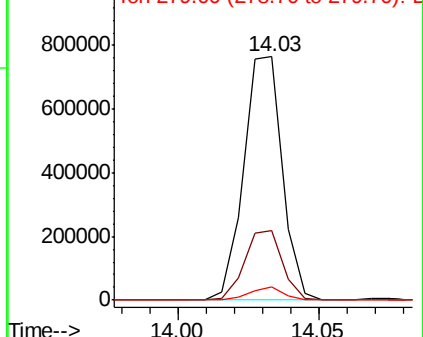
149 100

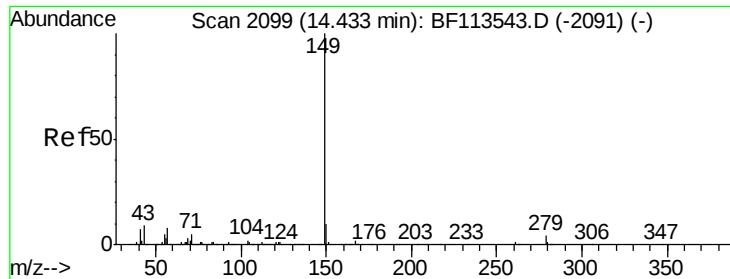
167 28.6 22.9 34.3

279 5.2 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.086 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

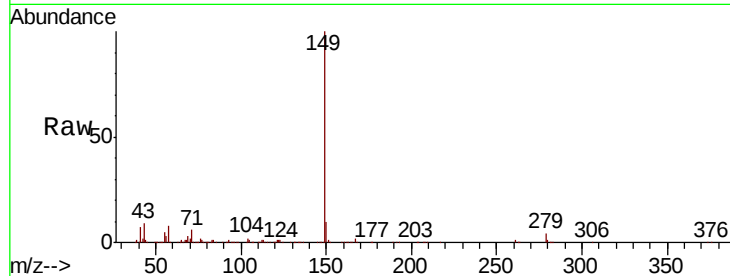
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1137310

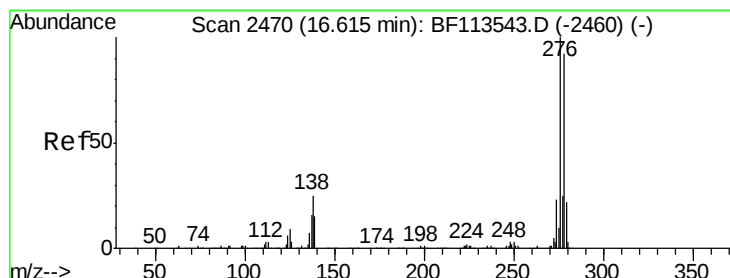
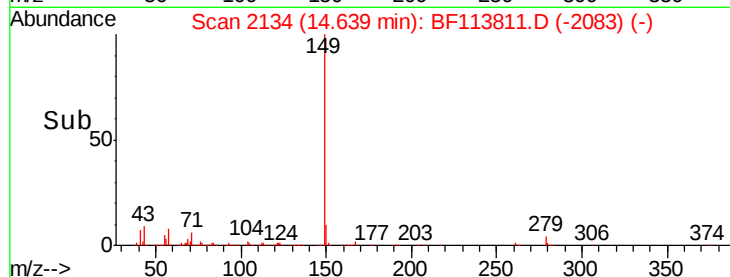
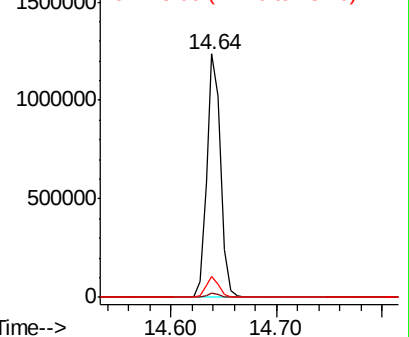
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.6	10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.529 ng

RT: 16.98 min Scan# 2532

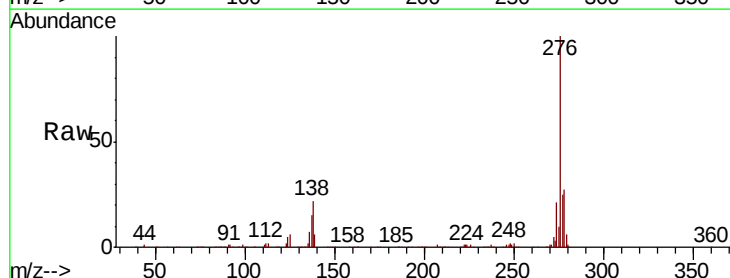
Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Tgt Ion:276 Resp: 991244

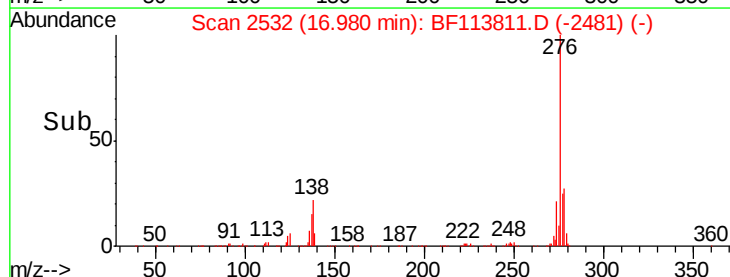
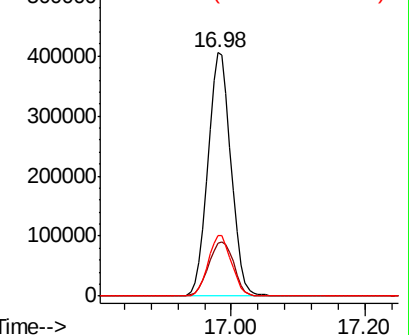
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	25.2	20.2	30.4

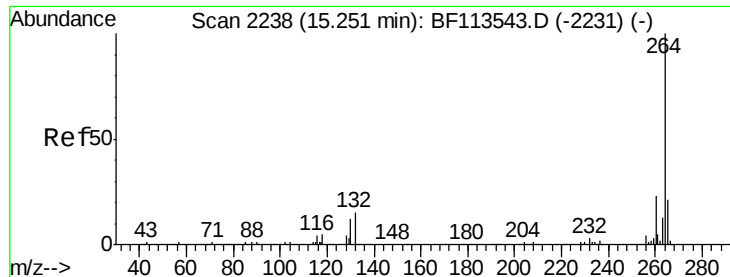


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



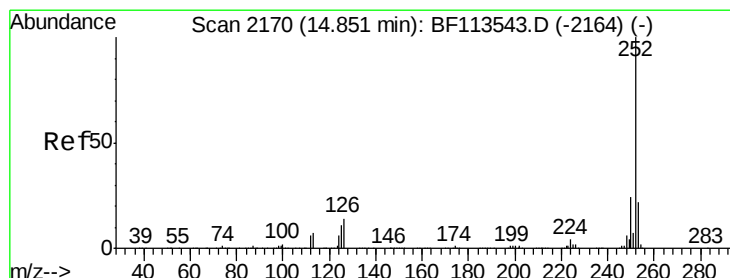
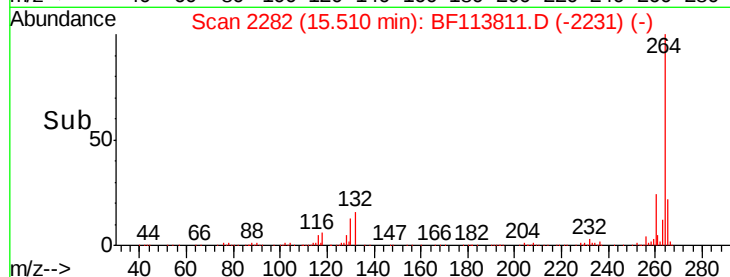
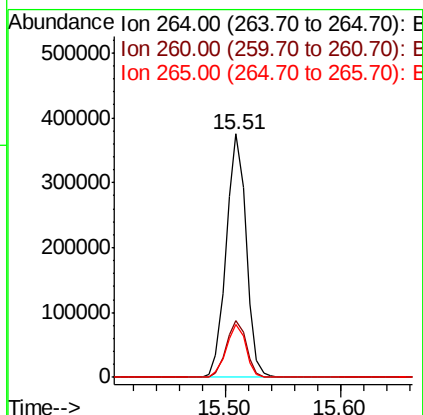
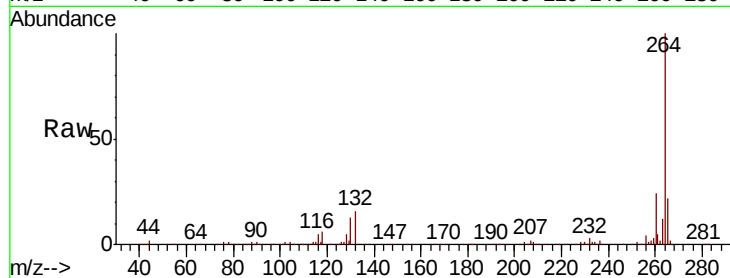


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 447861

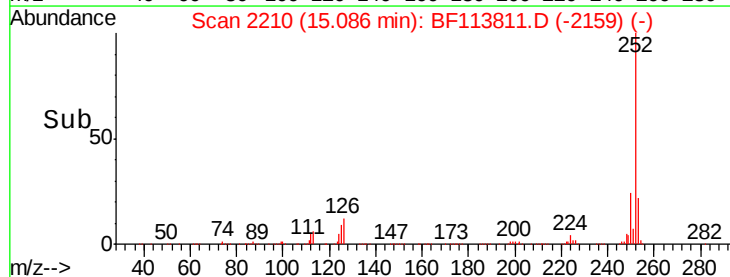
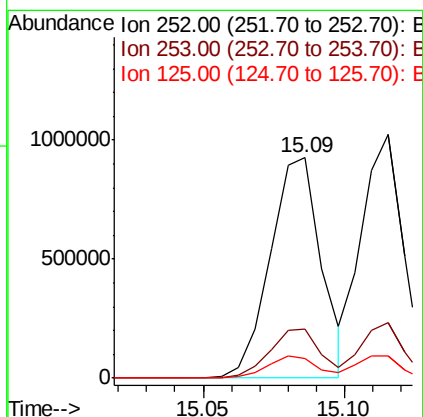
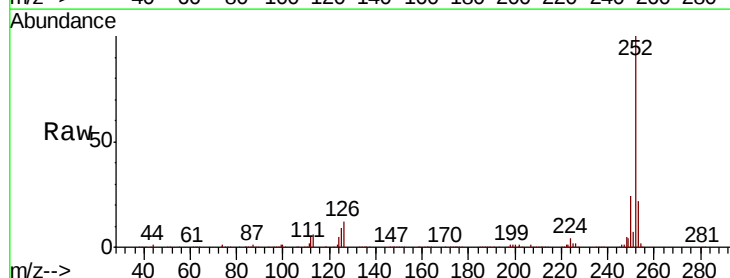
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	17.3	25.9

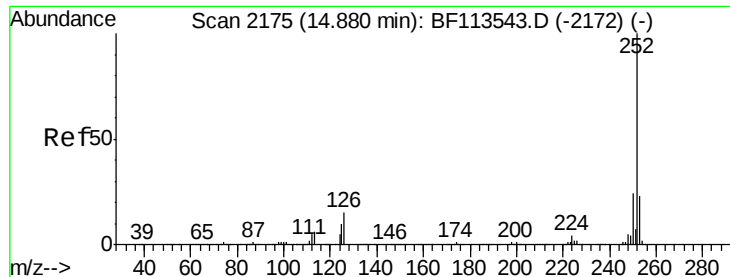


#88
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:252 Resp: 1162749

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.8	7.0	10.6

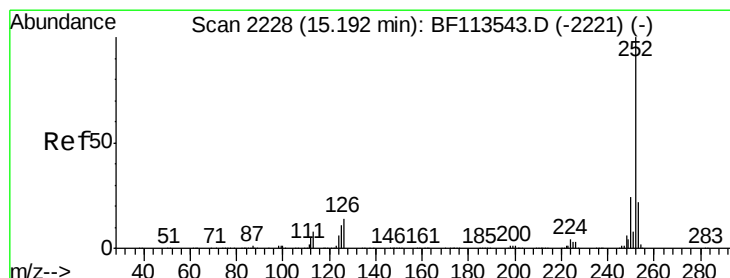
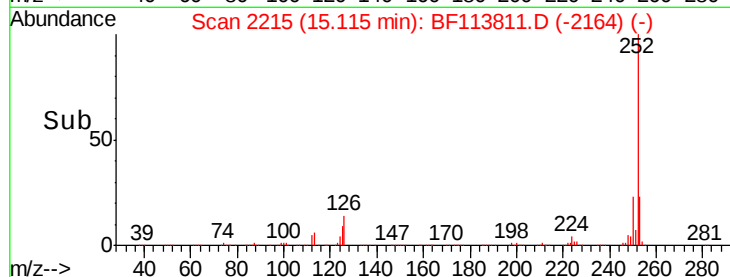
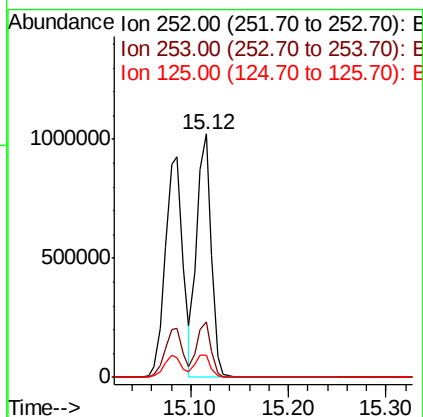
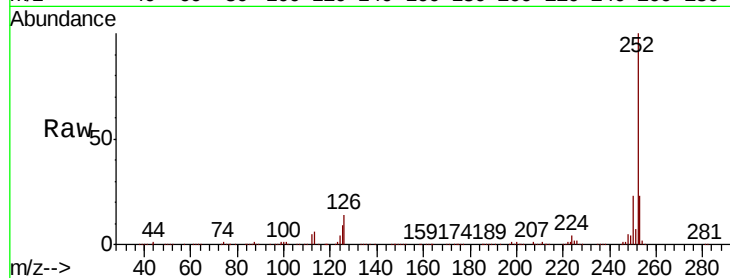




#89
Benzo(k)fluoranthene
Concen: 42.764 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

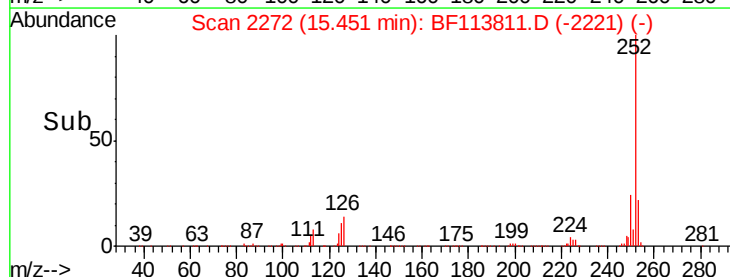
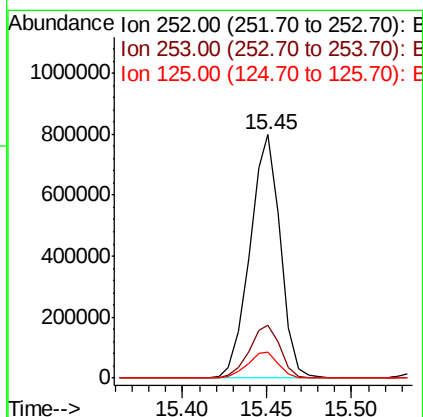
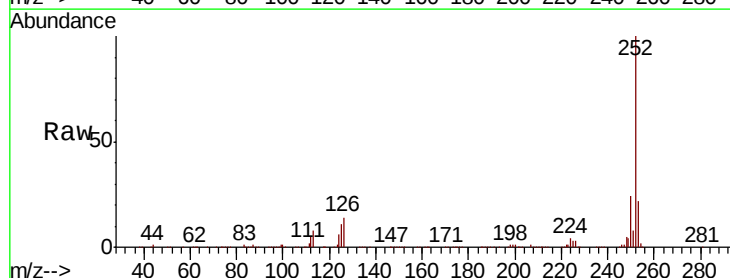
Instrument :
BNA_F
ClientSampleId :

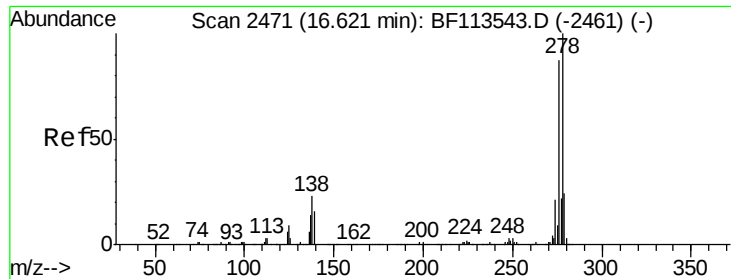
Tot Ion:252 Resp: 1052172
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.854 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF113811.D
Acq: 18 Apr 2019 9:04

Tgt Ion:252 Resp: 995223
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 36.113 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA_F

ClientSampleId :

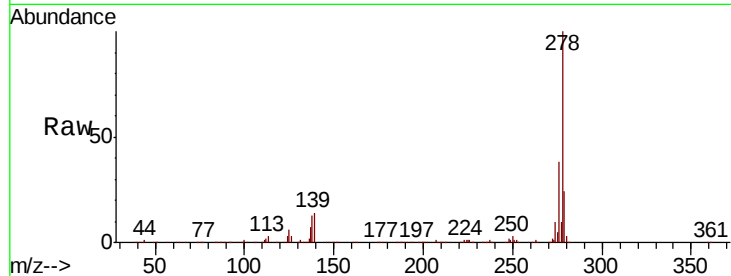
Tot Ion:278 Resp: 822687

Ion Ratio Lower Upper

278 100

139 14.5 11.6 17.4

279 23.8 19.0 28.6

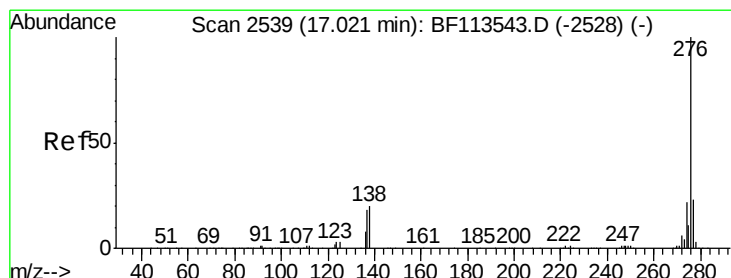
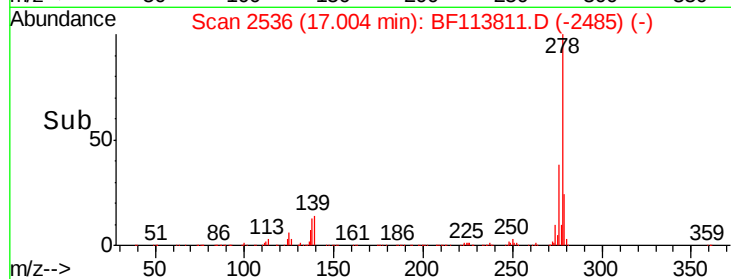
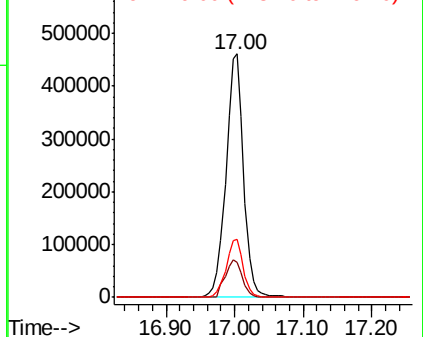


Abundance

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: 34.849 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

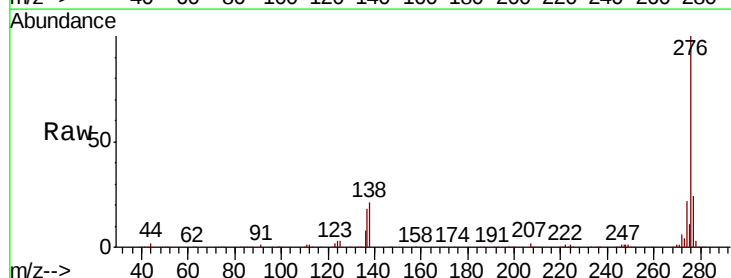
Tgt Ion:276 Resp: 810325

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.8 16.6 25.0



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

