

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111410.D
 Acq On : 14 Dec 2018 11:07
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 11:46:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215740	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	933077	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	452247	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	797196	20.00	ng	0.00
76) Chrysene-d12	13.95	240	596478	20.00	ng	0.00
87) Perylene-d12	15.39	264	458220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1038391	81.39	ng	0.00
7) Phenol-d6	6.44	99	1336049	77.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	1266317	76.49	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	315729	79.20	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2229292	79.14	ng	0.00
79) Terphenyl-d14	12.90	244	1958366	72.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	257886	40.468	ng	98
3) Pyridine	3.23	79	647228	41.343	ng	96
4) n-Nitrosodimethylamine	3.17	42	304229	41.658	ng	95
6) Aniline	6.46	93	831173	39.942	ng	# 62
8) 2-Chlorophenol	6.59	128	615414	39.246	ng	93
9) Benzaldehyde	6.34	77	388824	36.322	ng	98
10) Phenol	6.45	94	750455	38.514	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	589022	38.425	ng	98
12) 1,3-Dichlorobenzene	6.73	146	660129	38.887	ng	98
13) 1,4-Dichlorobenzene	6.81	146	676849	39.387	ng	98
14) 1,2-Dichlorobenzene	6.97	146	635380	39.966	ng	98
15) Benzyl Alcohol	6.94	79	515766	39.158	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1151649	38.779	ng	100
17) 2-Methylphenol	7.06	107	485839	38.343	ng	97
18) Hexachloroethane	7.31	117	246652	38.661	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	435627	38.112	ng	98
20) 3+4-Methylphenols	7.21	107	603714	39.952	ng	# 88
22) Acetophenone	7.20	105	834595	38.507	ng	93
24) Nitrobenzene	7.37	77	640559	37.565	ng	100
25) Isophorone	7.62	82	1047320	37.244	ng	99
26) 2-Nitrophenol	7.69	139	338482	40.384	ng	97
27) 2,4-Dimethylphenol	7.74	122	483149	37.974	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	720551	37.332	ng	97
29) 2,4-Dichlorophenol	7.94	162	506970	38.198	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	518066	37.989	ng	97
31) Naphthalene	8.10	128	1692469	38.932	ng	97
32) Benzoic acid	7.87	122	356816	33.736	ng	97
33) 4-Chloroaniline	8.15	127	742341	39.984	ng	99
34) Hexachlorobutadiene	8.22	225	294146	38.880	ng	98
35) Caprolactam	8.53	113	186492	40.100	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	544494	38.498	ng	98
37) 2-Methylnaphthalene	8.79	142	1102693	39.239	ng	99
38) 1-Methylnaphthalene	8.89	142	1062383	39.169	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	478986	37.679	ng	99

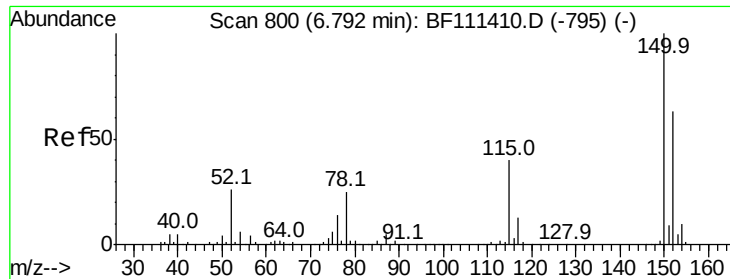
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111410.D
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 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	261367	39.375	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	340442	37.416	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	365270	37.986	ng	97
46) 1,1'-Biphenyl	9.26	154	1474268	38.207	ng	95
47) 2-Chloronaphthalene	9.28	162	1119554	37.885	ng	96
48) 2-Nitroaniline	9.37	65	365885	38.102	ng	96
49) Acenaphthylene	9.69	152	1664049	38.543	ng	96
50) Dimethylphthalate	9.56	163	1250580	38.454	ng	99
51) 2,6-Dinitrotoluene	9.62	165	282400	39.174	ng	88
52) Acenaphthene	9.87	154	1043545	38.321	ng	98
53) 3-Nitroaniline	9.79	138	341944	39.463	ng	96
54) 2,4-Dinitrophenol	9.89	184	108516	38.369	ng	94
55) Dibenzofuran	10.04	168	1514580	38.527	ng	97
56) 4-Nitrophenol	9.96	139	252554	40.474	ng	88
57) 2,4-Dinitrotoluene	10.02	165	376679	40.770	ng	95
58) Fluorene	10.38	166	1087452	38.669	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	279437	37.617	ng	99
60) Diethylphthalate	10.26	149	1261834	38.540	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	542881	38.940	ng	97
62) 4-Nitroaniline	10.40	138	344737	41.392	ng	97
63) Azobenzene	10.53	77	1239732	37.554	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	177165	38.710	ng	96
66) n-Nitrosodiphenylamine	10.49	169	1059329	37.356	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	333462	37.574	ng	97
68) Hexachlorobenzene	10.93	284	343735	37.614	ng	98
69) Atrazine	11.02	200	315325	38.446	ng	96
70) Pentachlorophenol	11.12	266	215980	35.515	ng	98
71) Phenanthrene	11.34	178	1581358	38.378	ng	95
72) Anthracene	11.39	178	1625435	38.741	ng	95
73) Carbazole	11.54	167	1680657	38.740	ng	96
74) Di-n-butylphthalate	11.88	149	1914190	38.752	ng	96
75) Fluoranthene	12.53	202	1595690	39.668	ng	98
77) Benzidine	12.64	184	796541	70.763	ng	100
78) Pyrene	12.76	202	1651265	35.870	ng	97
80) Butylbenzylphthalate	13.37	149	799836	36.187	ng	95
81) Benzo(a)anthracene	13.94	228	1247212	37.371	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	502629	39.822	ng	97
83) Chrysene	13.98	228	1285520	37.754	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1016169	37.607	ng	100
85) Di-n-octyl phthalate	14.55	149	1712235	38.592	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	817718	30.705	ng	95
88) Benzo(b)fluoranthene	14.97	252	1094899	42.021	ng	100
89) Benzo(k)fluoranthene	15.00	252	965859	37.137	ng	100
90) Benzo(a)pyrene	15.33	252	928483	38.271	ng	97
91) Dibenzo(a,h)anthracene	16.82	278	687360	34.054	ng	98
92) Benzo(g,h,i)perylene	17.23	276	660323	32.721	ng	95

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

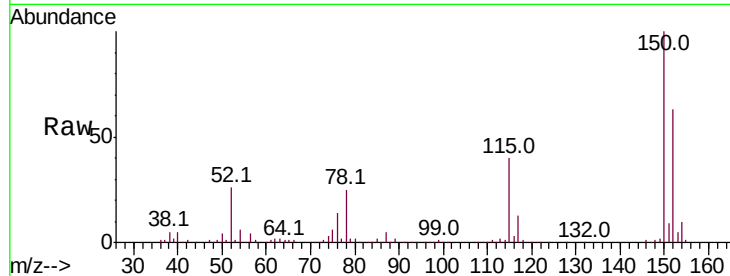


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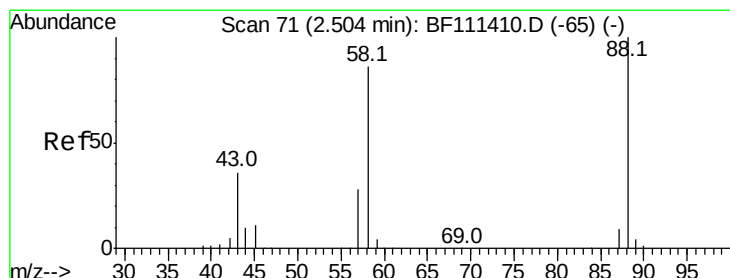
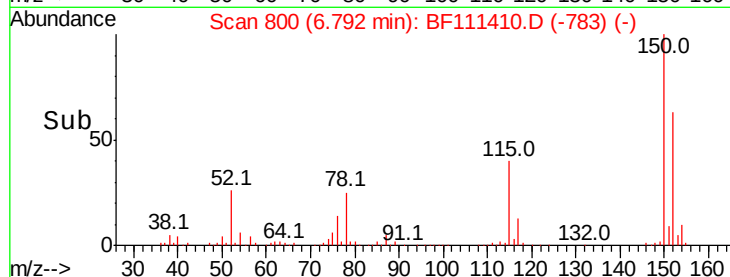
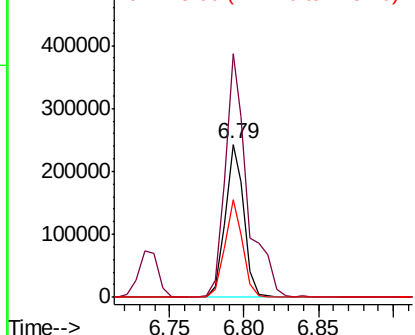
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 215740
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.6 189.8
 115 63.5 50.7 76.1



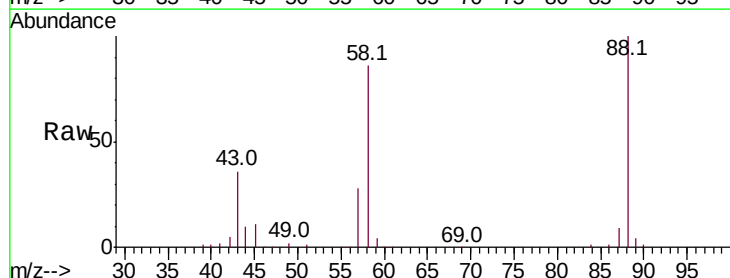
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



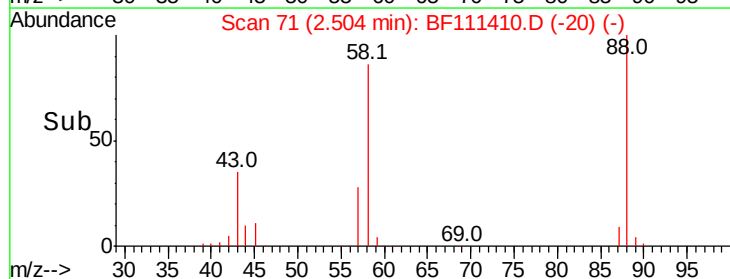
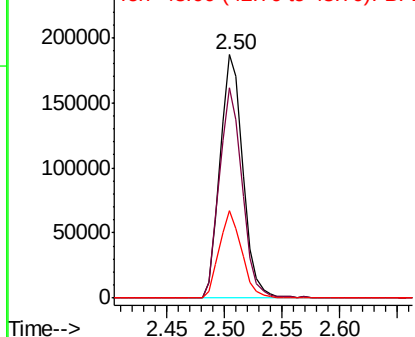
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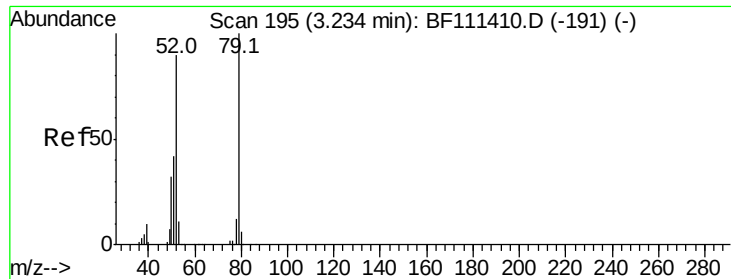
1,4-Dioxane
 Concen: 40.468 ng
 RT: 2.50 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion: 88 Resp: 257886
 Ion Ratio Lower Upper
 88 100
 58 85.6 68.9 103.3
 43 35.1 25.8 38.6



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





#3

Pvridine

Concen: 41.343 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampleId :

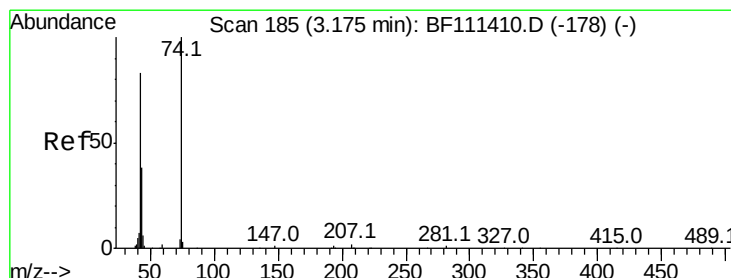
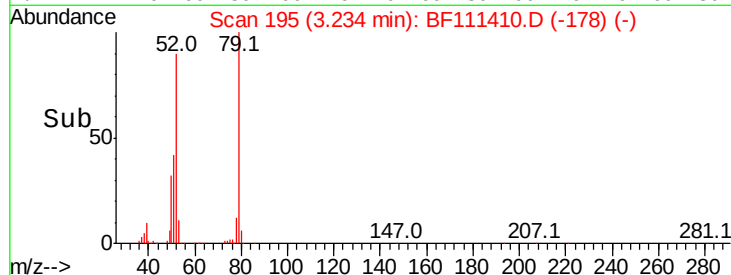
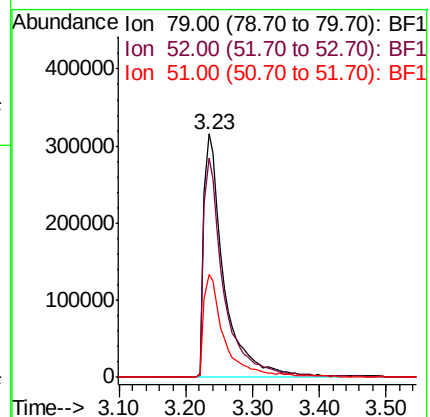
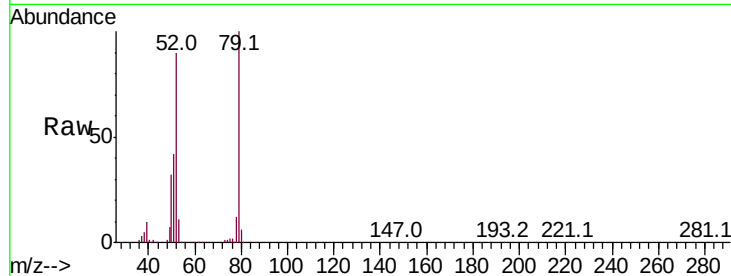
Tot Ion: 79 Resp: 647228

Ion Ratio Lower Upper

79 100

52 90.0 68.3 102.5

51 42.3 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 41.658 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

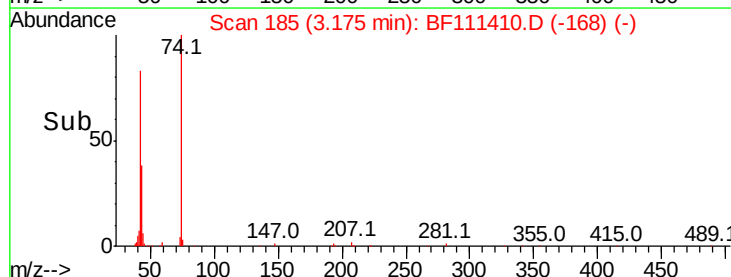
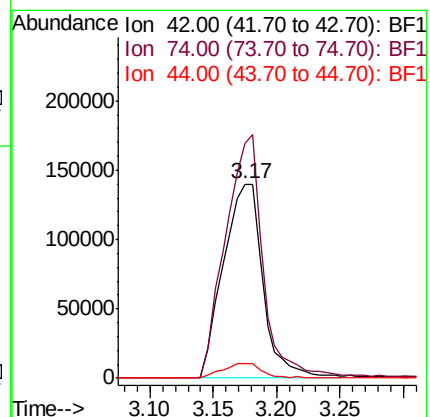
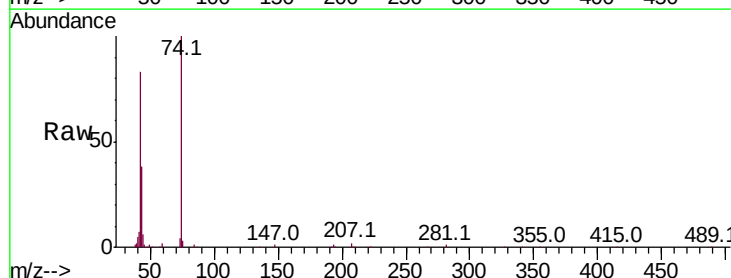
Tgt Ion: 42 Resp: 304229

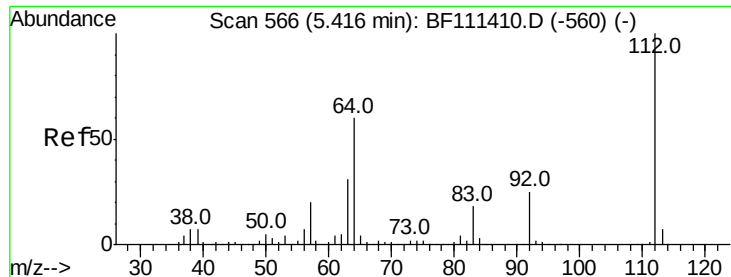
Ion Ratio Lower Upper

42 100

74 120.8 101.5 152.3

44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 81.392 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampled :

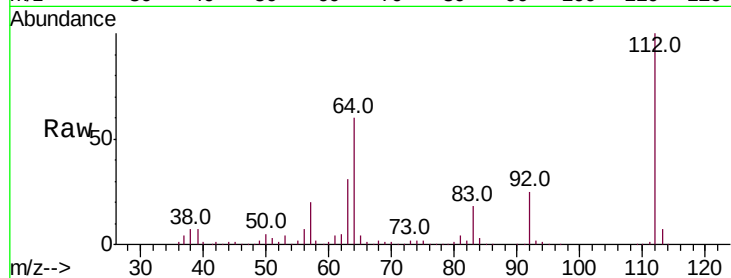
Tot Ion:112 Resp: 1038391

Ion Ratio Lower Upper

112 100

64 59.7 51.8 77.6

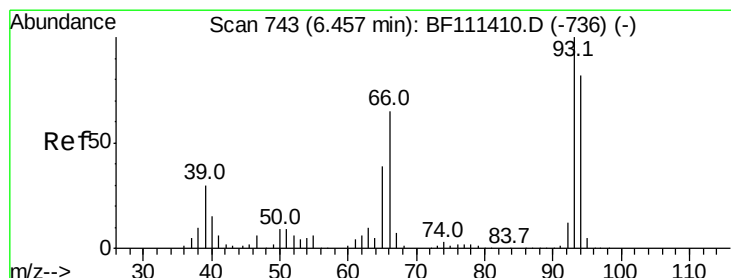
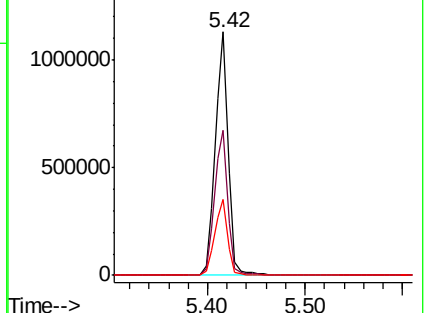
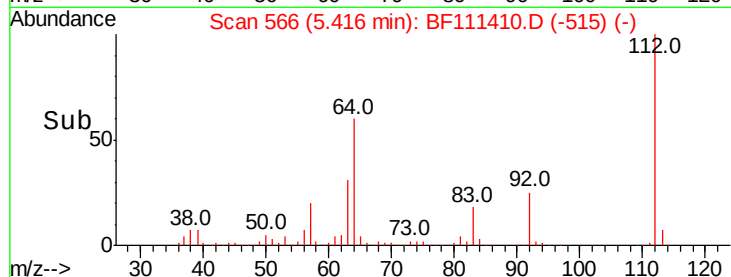
63 31.2 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.942 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

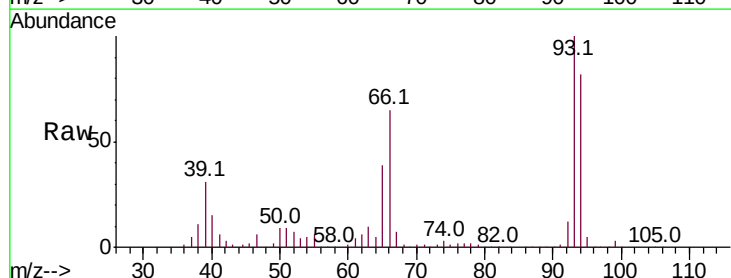
Tgt Ion: 93 Resp: 831173

Ion Ratio Lower Upper

93 100

66 65.0 33.2 49.8#

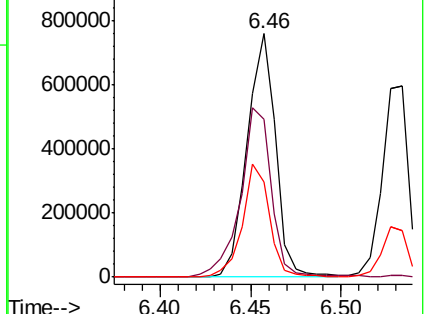
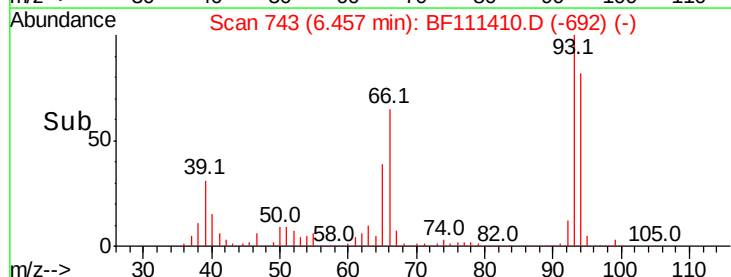
65 39.2 17.0 25.4#

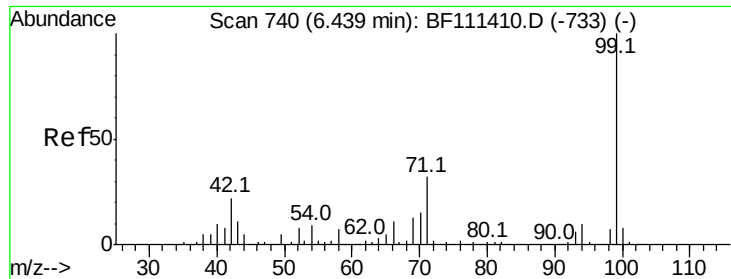


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.672 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

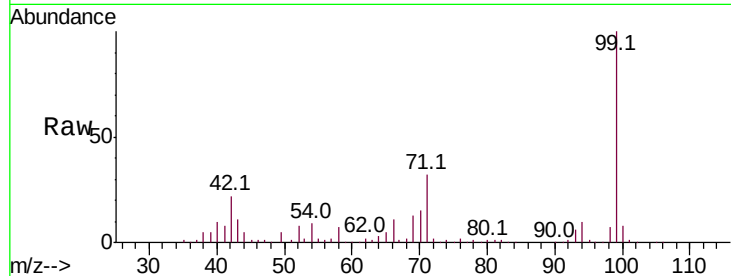
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1336049

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	31.9	26.1	39.1

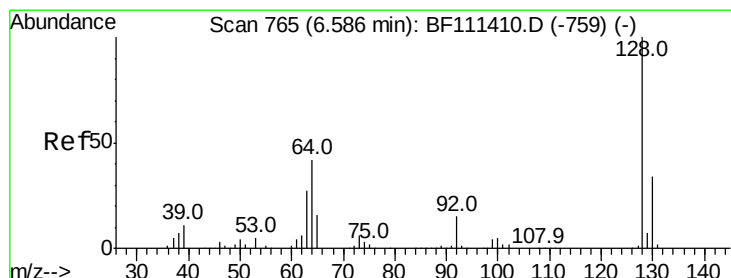
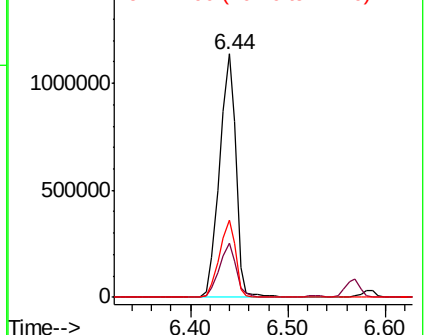
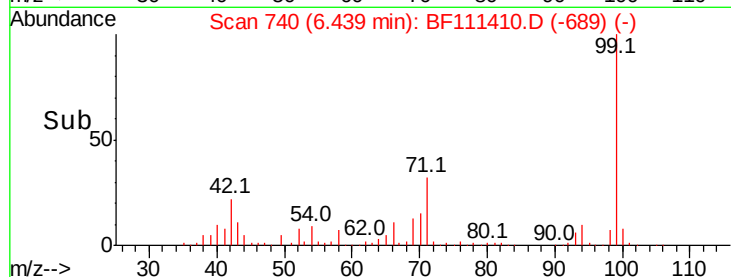


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.246 ng

RT: 6.59 min Scan# 765

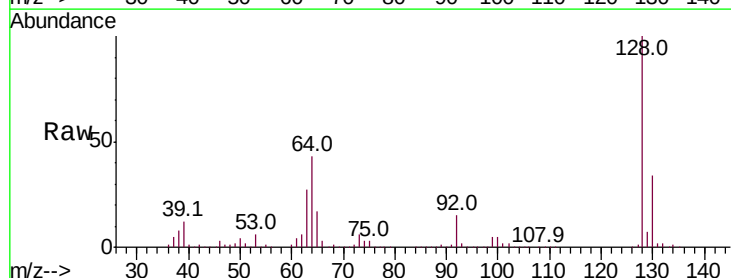
Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Tgt Ion:128 Resp: 615414

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.7	52.7
64	42.7	30.0	70.0

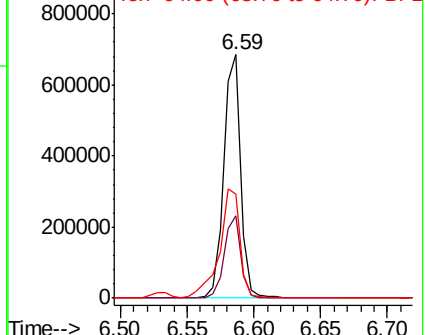
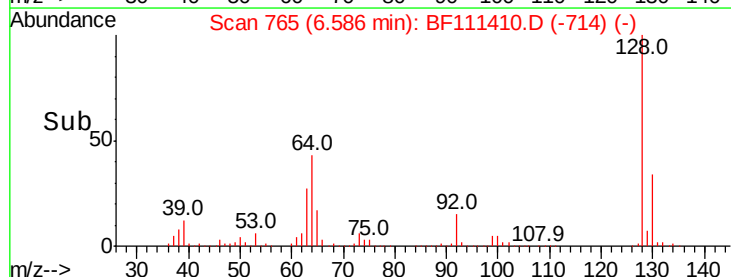


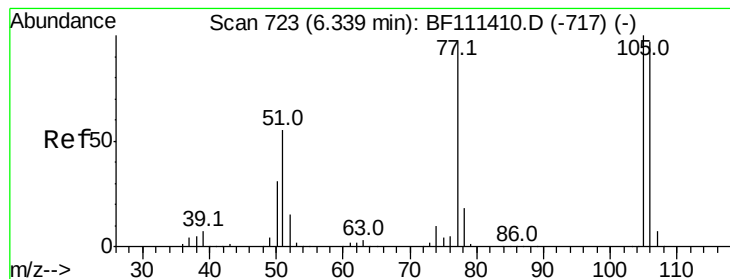
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.322 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampleId :

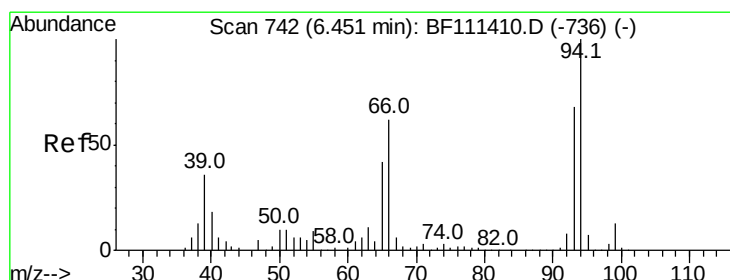
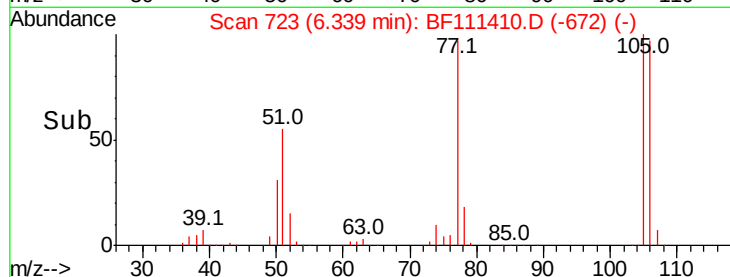
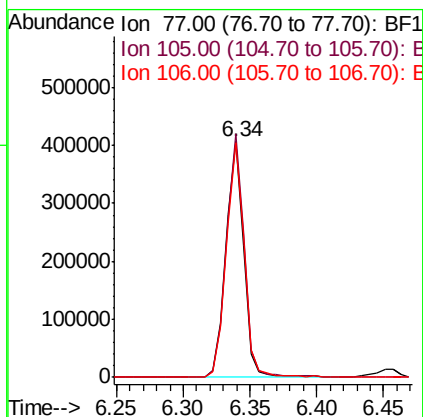
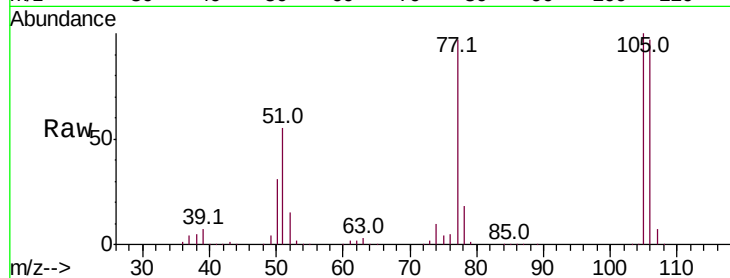
Tot Ion: 77 Resp: 388824

Ion Ratio Lower Upper

77 100

105 103.4 81.4 121.4

106 99.9 77.9 117.9



#10

Phenol

Concen: 38.514 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

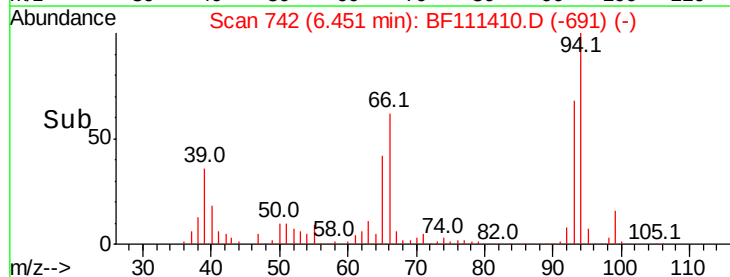
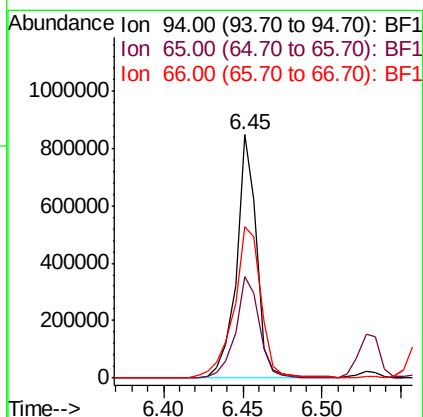
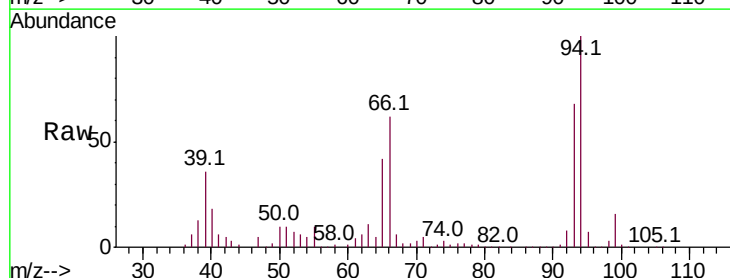
Tgt Ion: 94 Resp: 750455

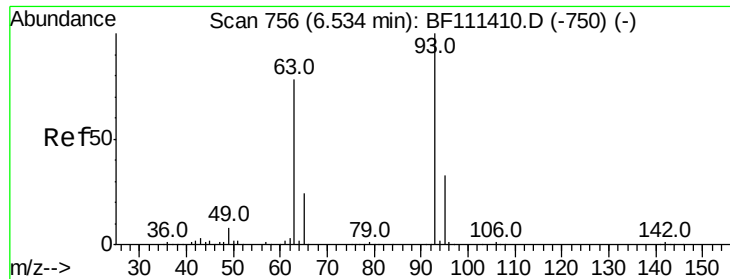
Ion Ratio Lower Upper

94 100

65 41.6 11.7 51.7

66 62.1 21.0 61.0#

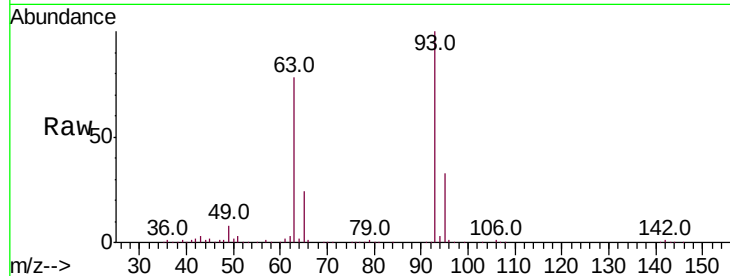




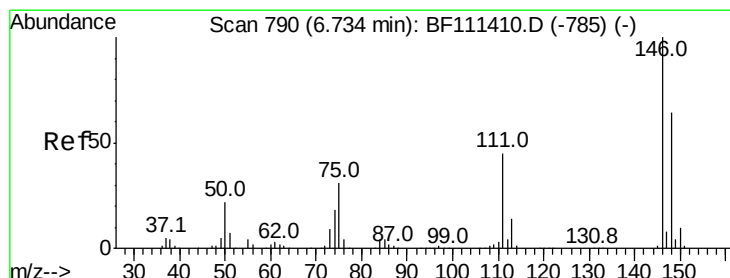
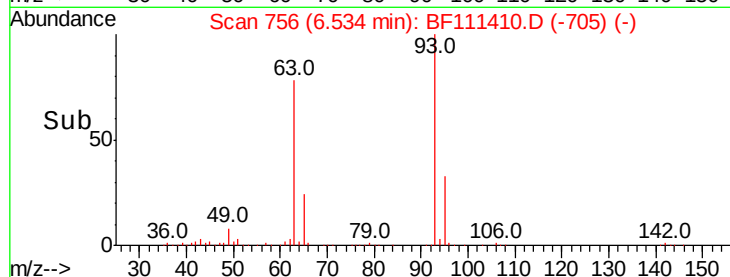
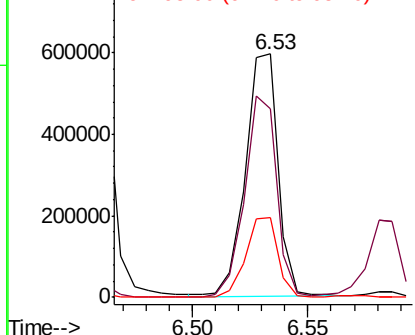
#11
bis(2-Chloroethyl)ether
Concen: 38.425 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 589022
Ion Ratio Lower Upper
93 100
63 77.6 60.0 100.0
95 32.9 13.4 53.4

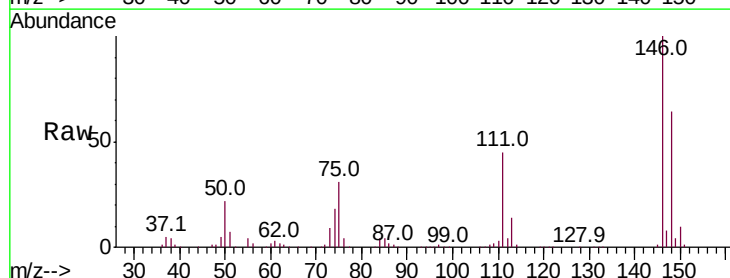


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

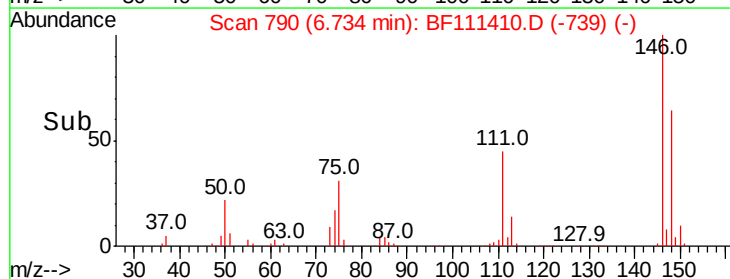
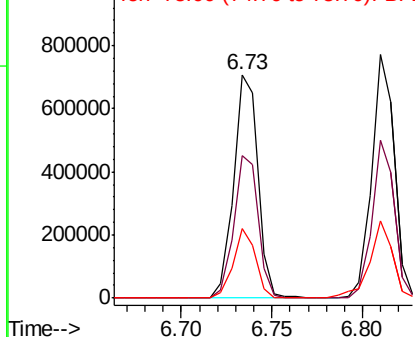


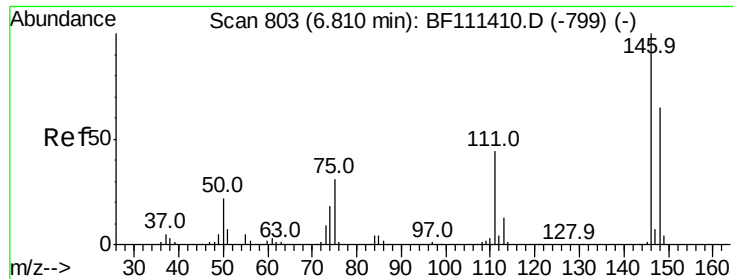
#12
1,3-Dichlorobenzene
Concen: 38.887 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion: 146 Resp: 660129
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 31.1 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

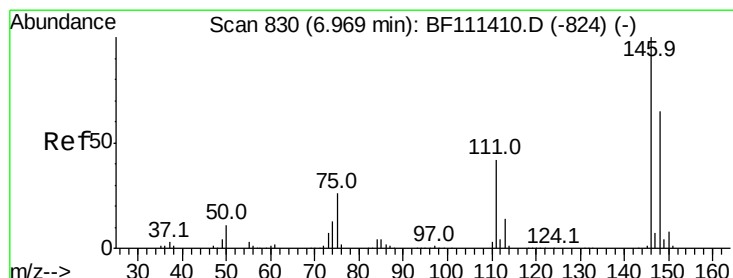
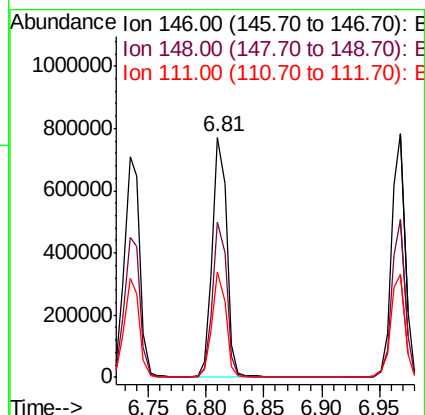
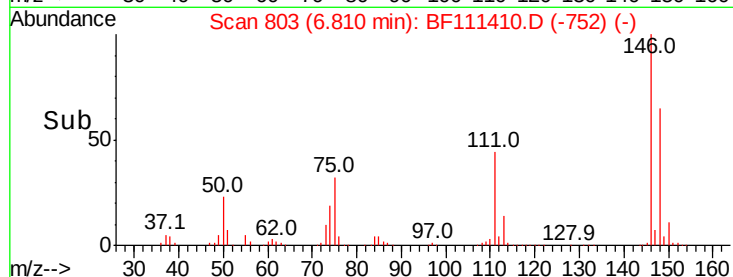
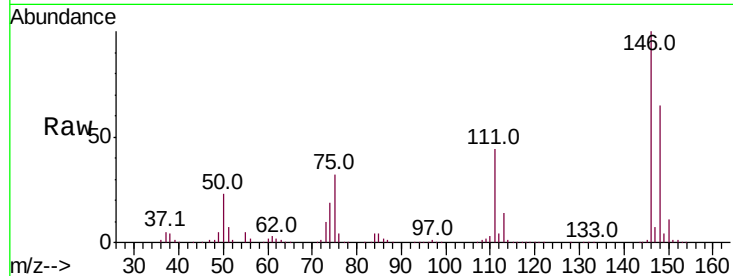




#13
 1,4-Dichlorobenzene
 Concen: 39.387 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

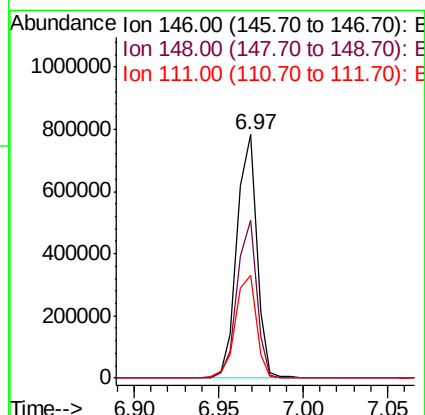
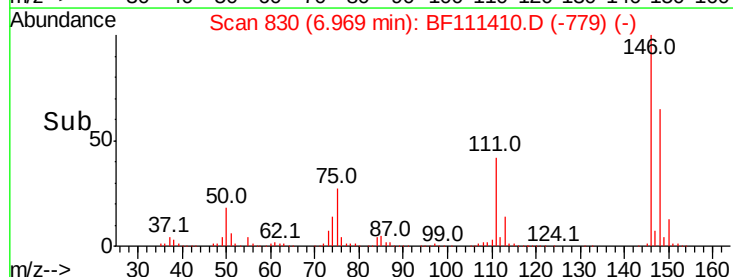
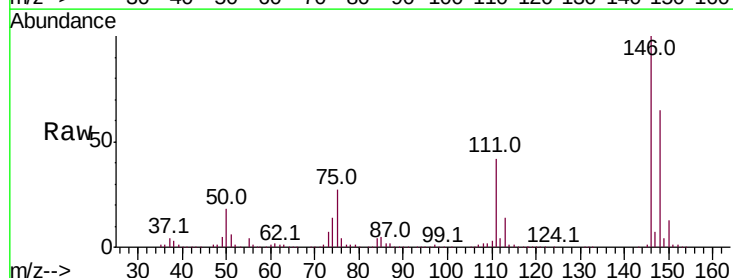
Instrument :
 BNA_F
 ClientSampleId :

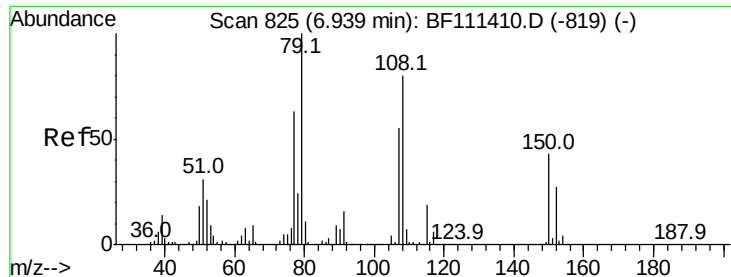
Tot Ion:146 Resp: 676849
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.8 79.2
 111 43.8 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 39.966 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion:146 Resp: 635380
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 42.0 36.2 54.4

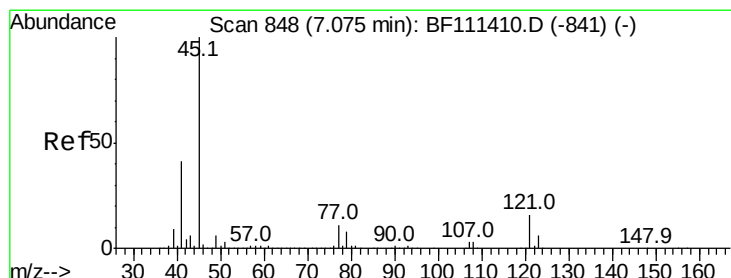
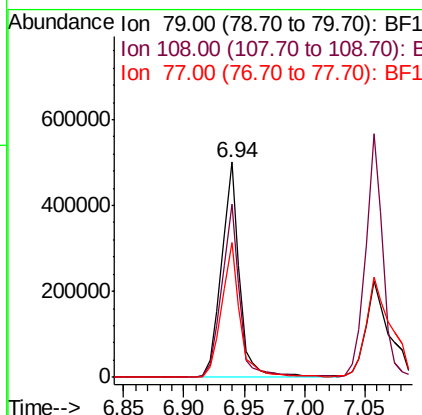
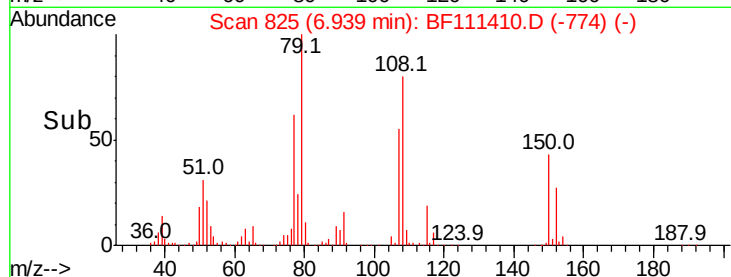
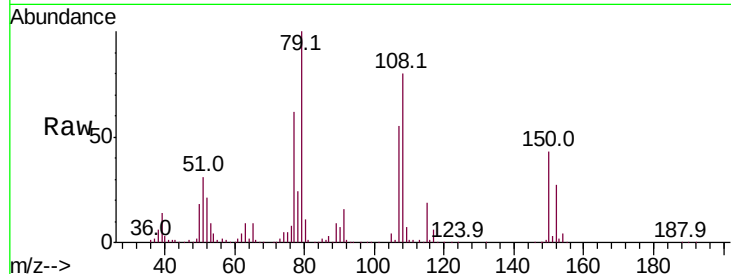




#15
Benzyl Alcohol
Concen: 39.158 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

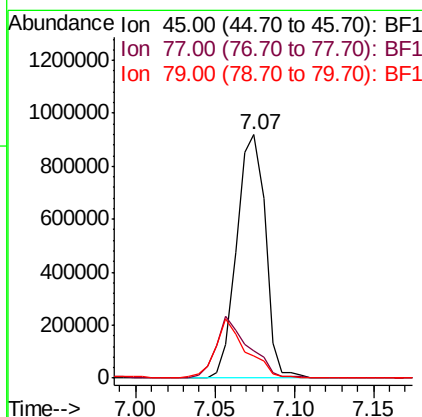
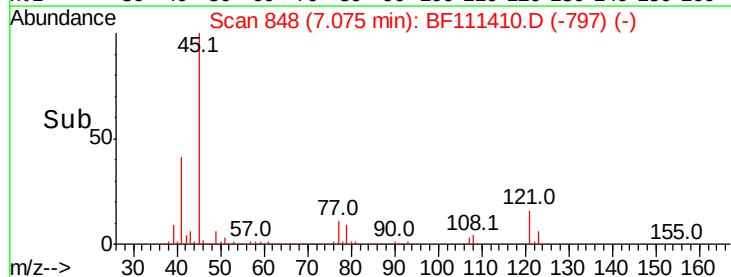
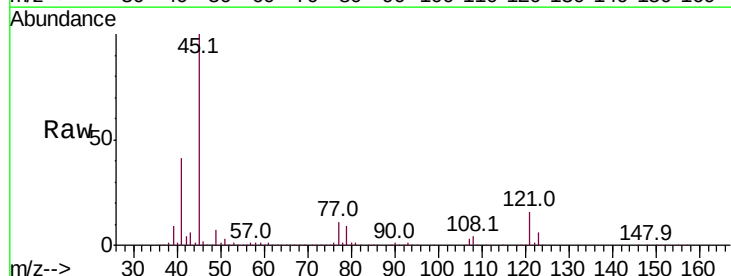
Instrument :
BNA_F
ClientSampleId :

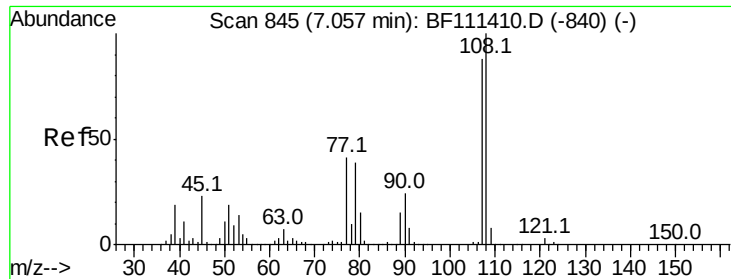
Tot Ion: 79 Resp: 515766
Ion Ratio Lower Upper
79 100
108 80.3 69.4 104.2
77 62.5 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.779 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion: 45 Resp: 1151649
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.5
79 8.9 0.0 28.9

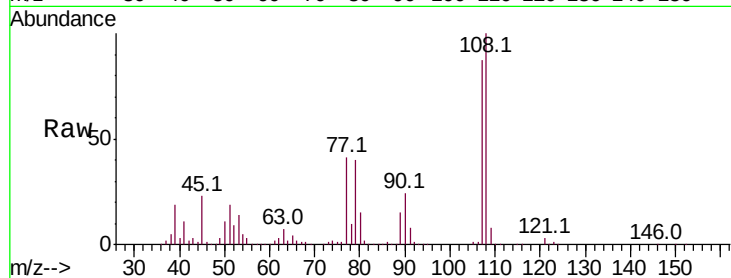




#17
2-Methylphenol
Concen: 38.343 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.0	136.4
77	46.9	33.5	50.3
79	45.2	33.3	49.9



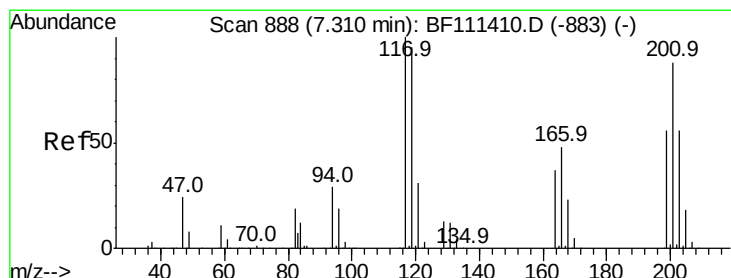
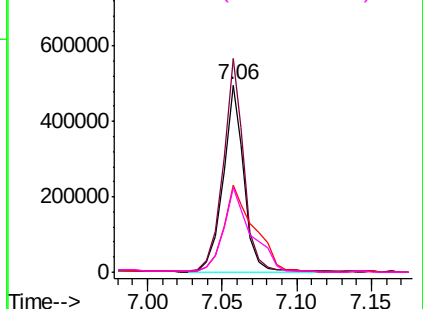
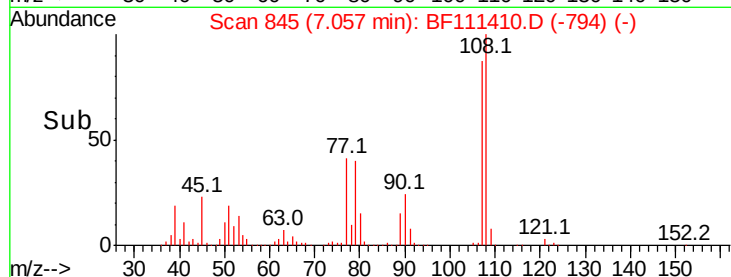
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

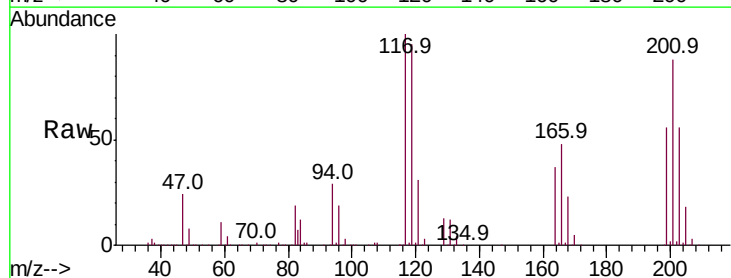
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.661 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.0
201	88.1	62.4	93.6

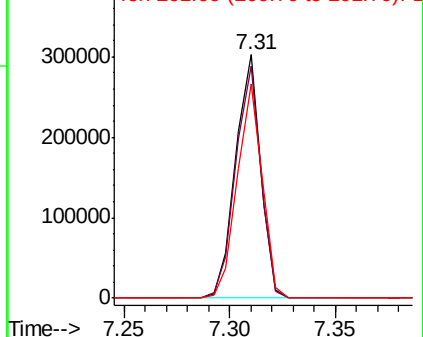
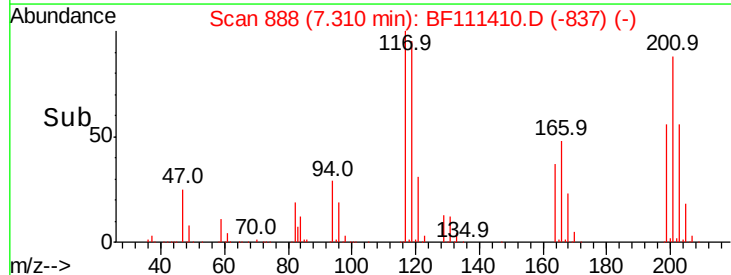


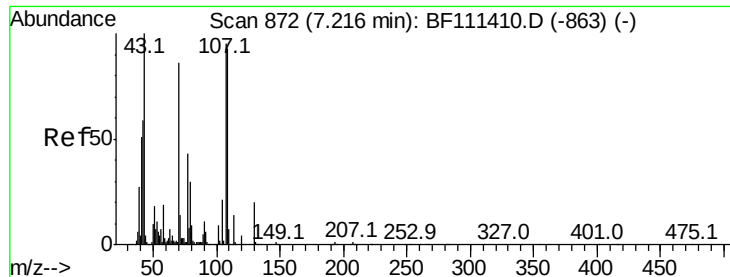
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

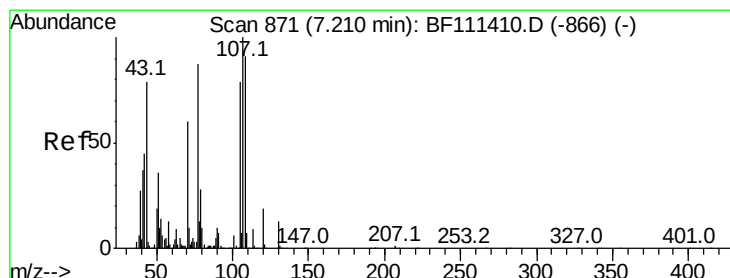
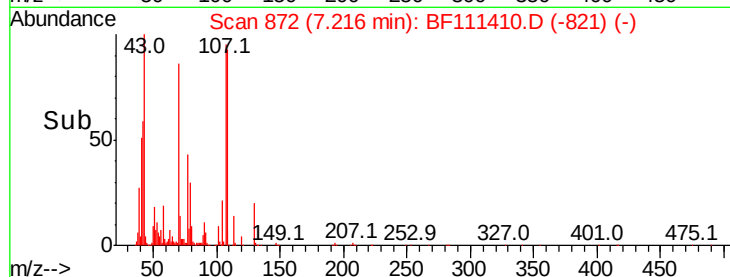
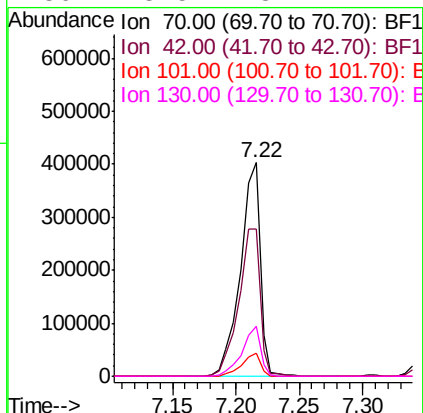
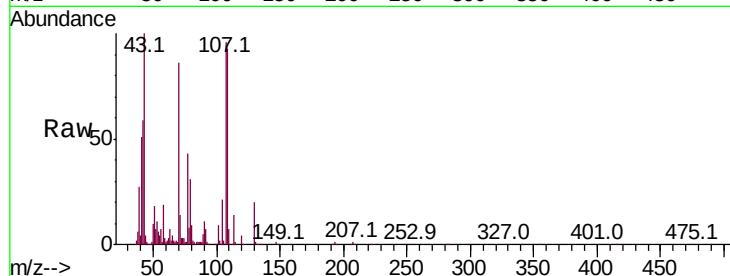




#19
n-Nitroso-di-n-propylamine
Concen: 38.112 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

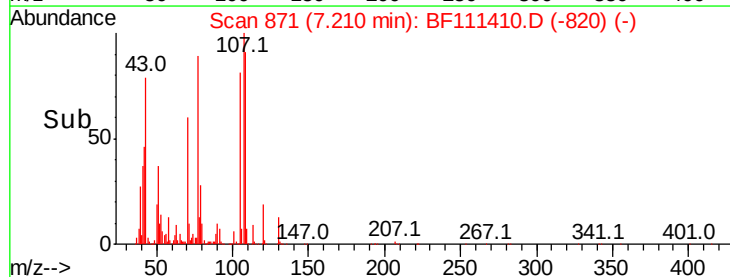
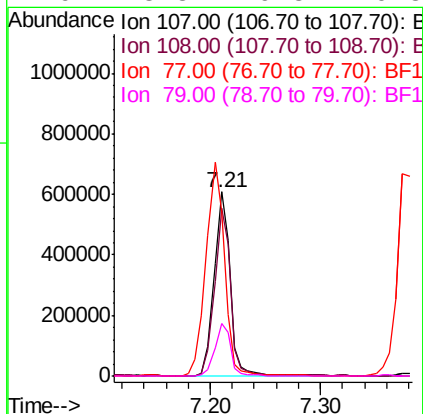
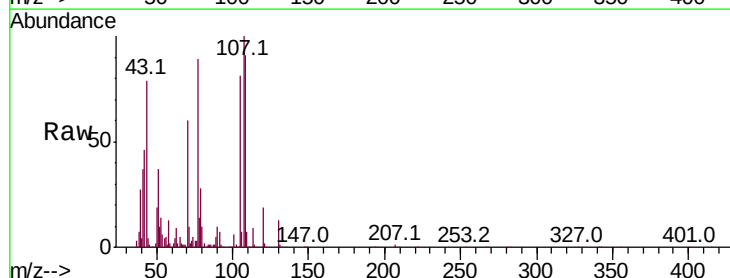
Instrument :
BNA_F
ClientSampleId :

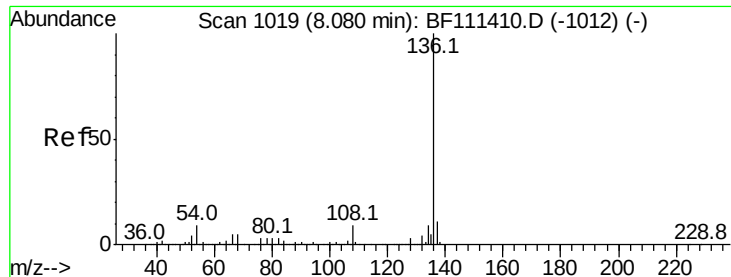
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.8	53.2	79.8
101	10.5	8.2	12.4
130	23.5	18.1	27.1



#20
3+4-Methylphenols
Concen: 39.952 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	72.1	112.1
77	88.8	94.1	134.1#
79	28.3	9.8	49.8

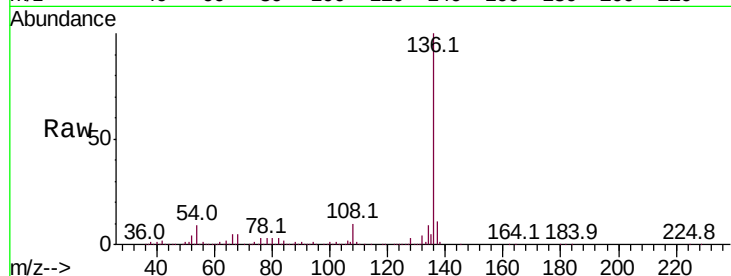




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 933077
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 8.7	7.7 11.5
68 4.7	4.9 7.3#



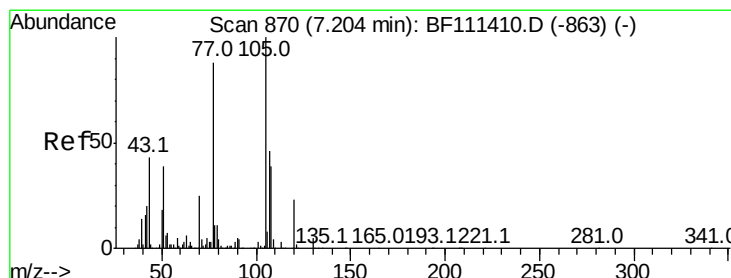
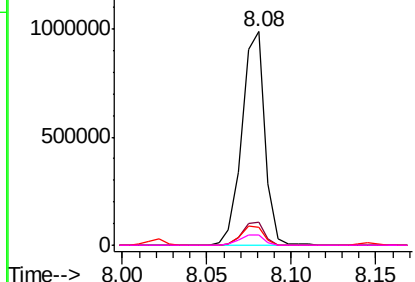
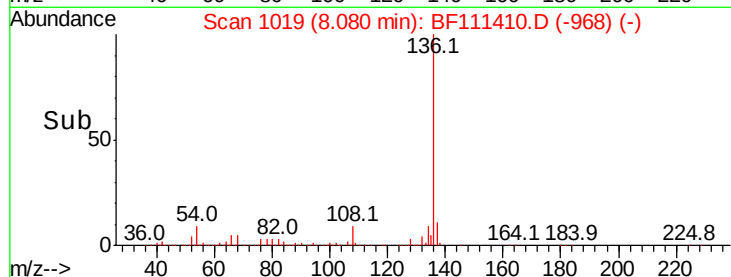
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

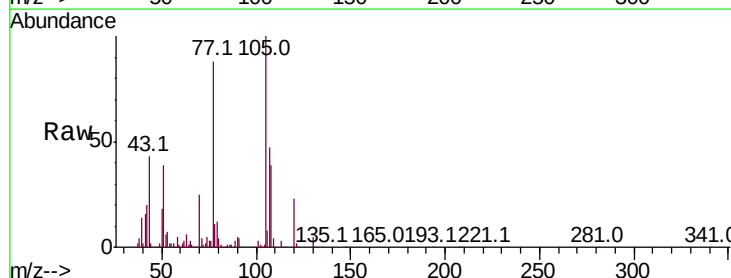
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.507 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt	Ion:105	Resp:	834595
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.1	4.7
51	39.1	36.6	54.8
120	23.0	18.2	27.4



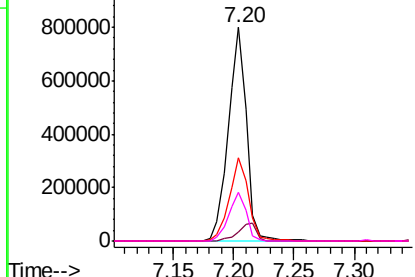
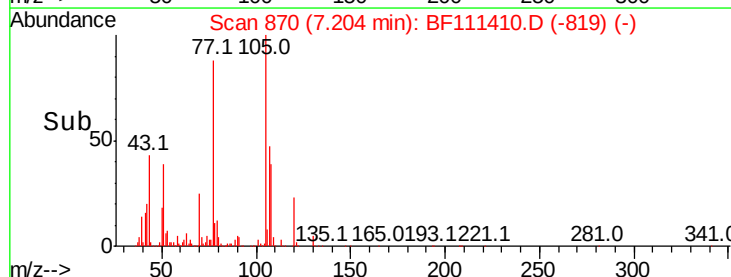
Abundance

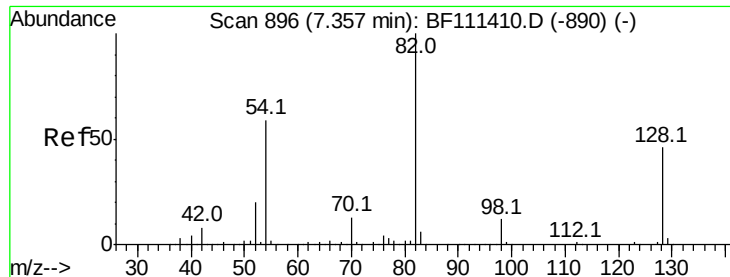
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

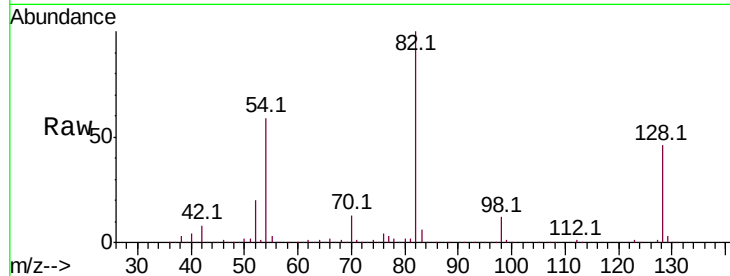




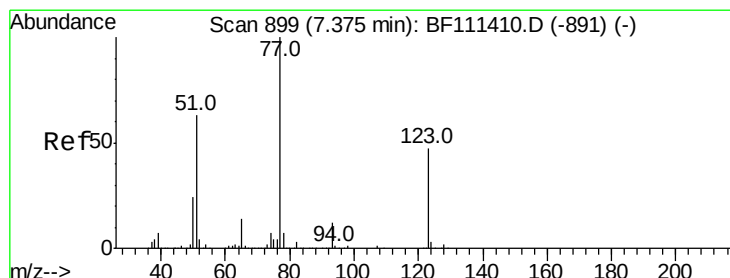
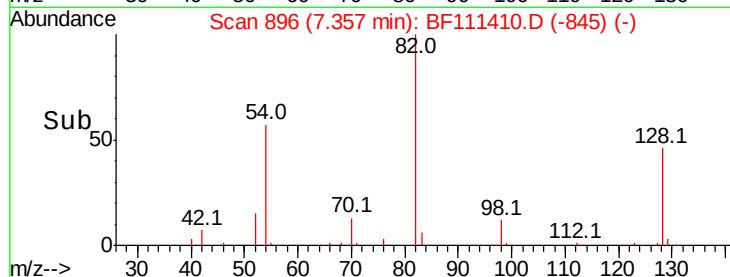
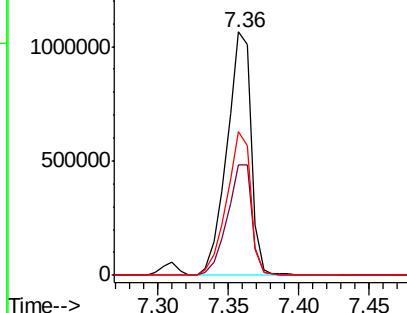
#23
Nitrobenzene-d5
Concen: 76.493 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1266317
Ion Ratio Lower Upper
82 100
128 45.6 37.4 56.2
54 59.3 47.6 71.4

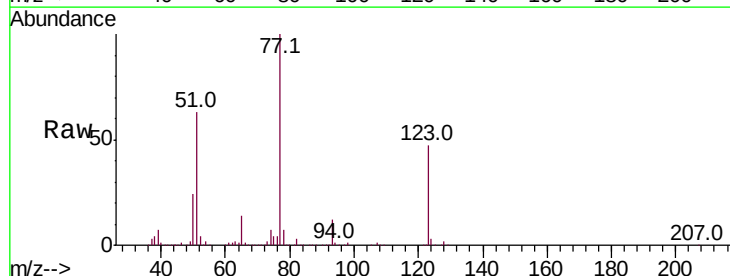


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

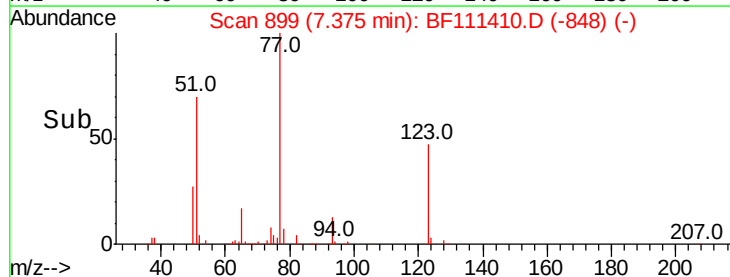
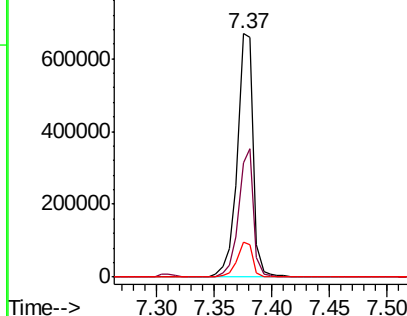


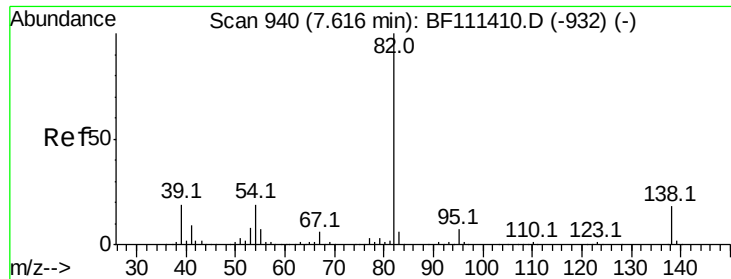
#24
Nitrobenzene
Concen: 37.565 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion: 77 Resp: 640559
Ion Ratio Lower Upper
77 100
123 46.9 37.2 55.8
65 14.4 11.5 17.3



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





#25

Isophorone

Concen: 37.244 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampleId :

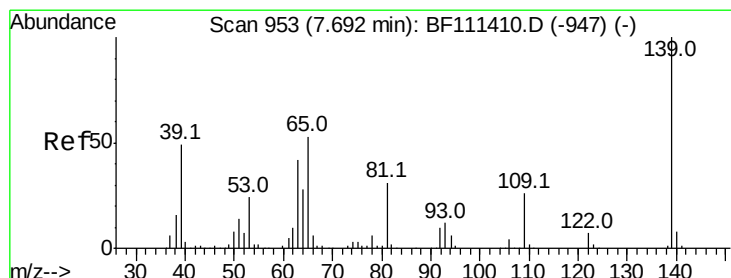
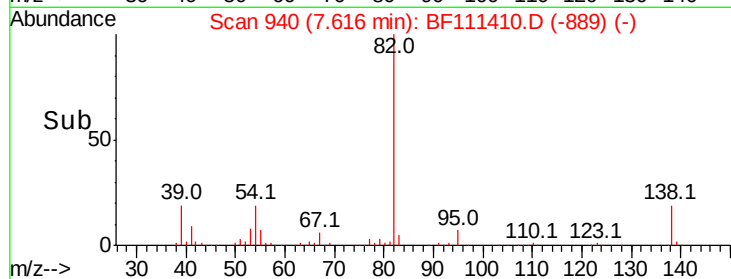
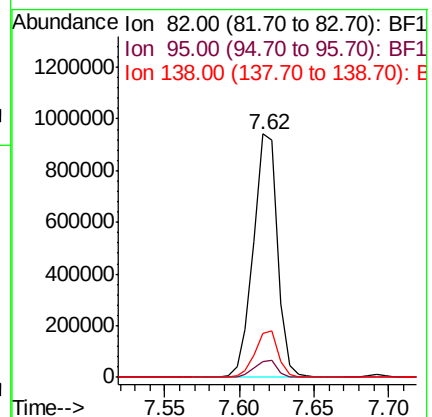
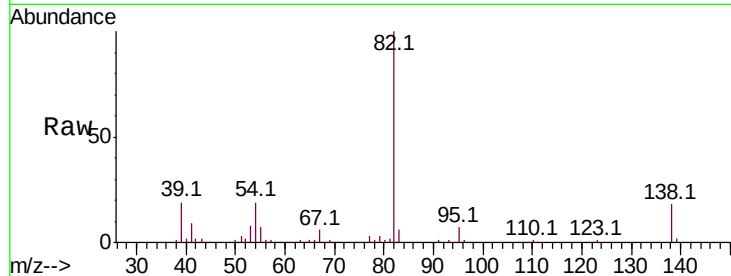
Tot Ion: 82 Resp: 1047320

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

138 18.2 15.1 22.7



#26

2-Nitrophenol

Concen: 40.384 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

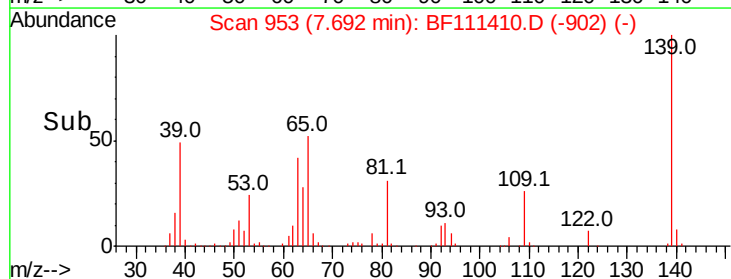
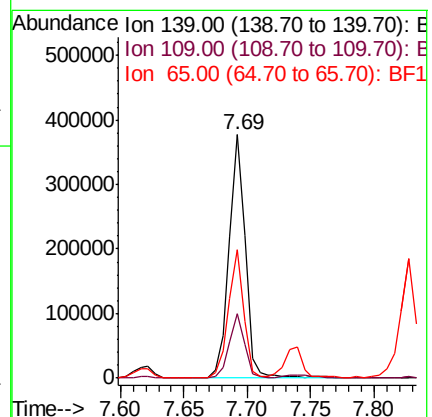
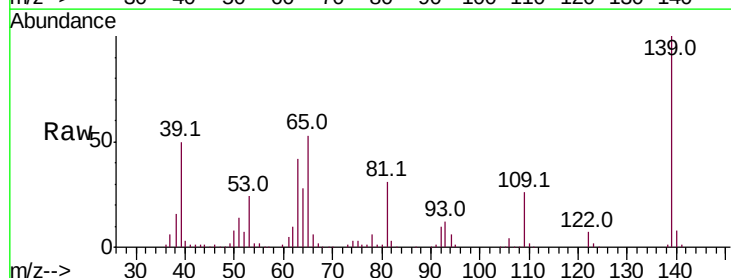
Tgt Ion: 139 Resp: 338482

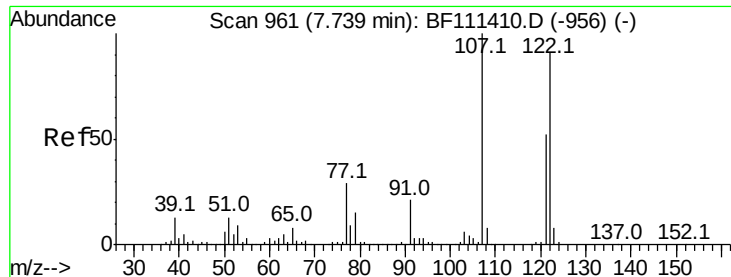
Ion Ratio Lower Upper

139 100

109 26.4 20.2 30.4

65 52.8 40.7 61.1

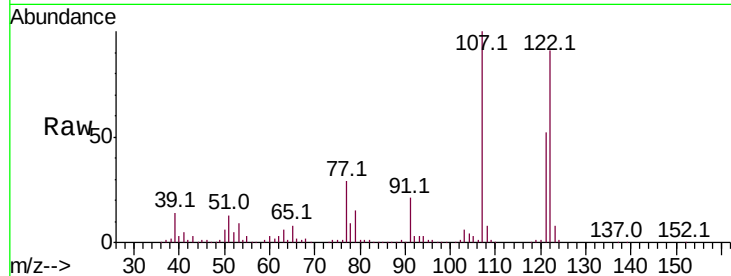




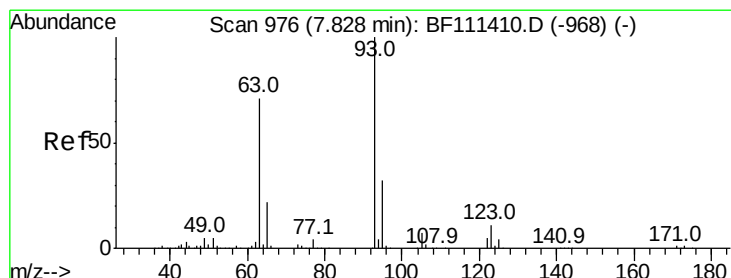
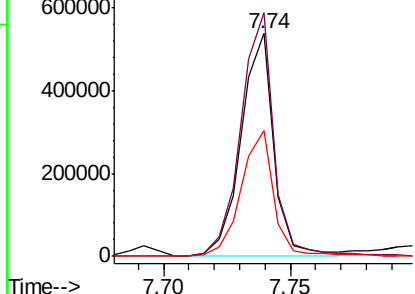
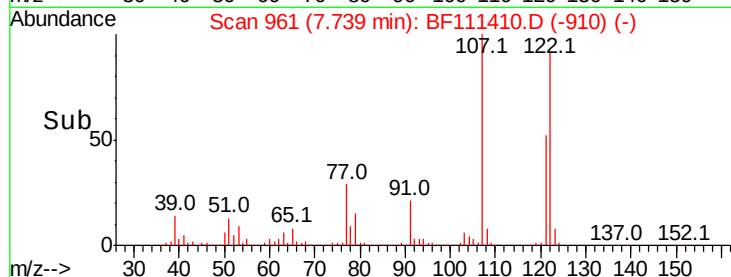
#27
 2,4-Dimethylphenol
 Concen: 37.974 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 483149
 Ion Ratio Lower Upper
 122 100
 107 109.4 85.5 128.3
 121 56.8 46.6 70.0

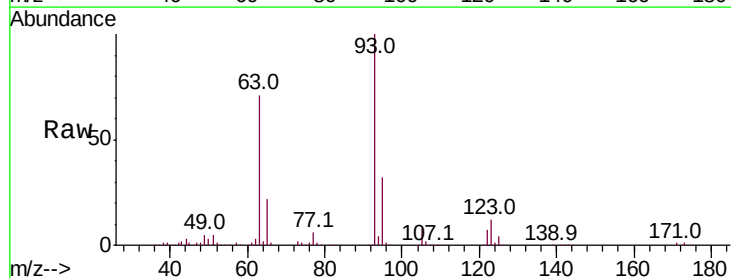


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

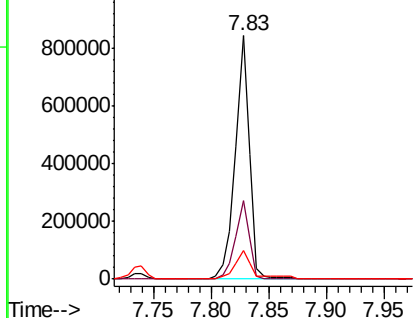
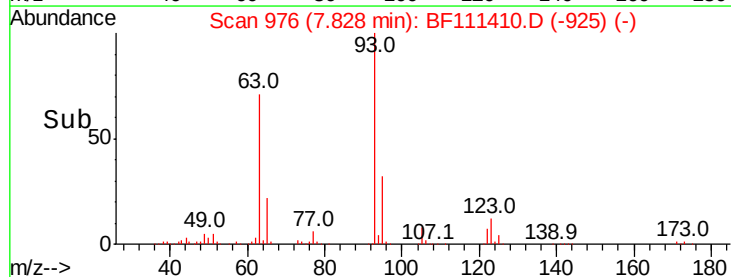


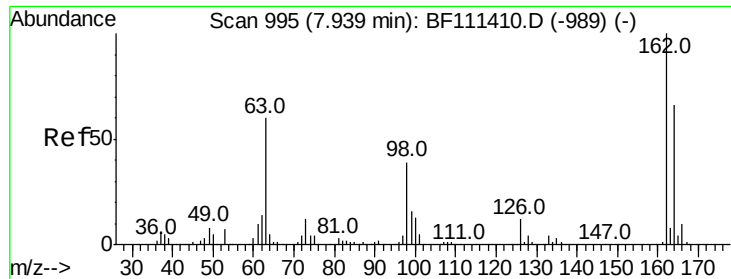
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.332 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion: 93 Resp: 720551
 Ion Ratio Lower Upper
 93 100
 95 32.2 27.1 40.7
 123 11.6 9.9 14.9



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

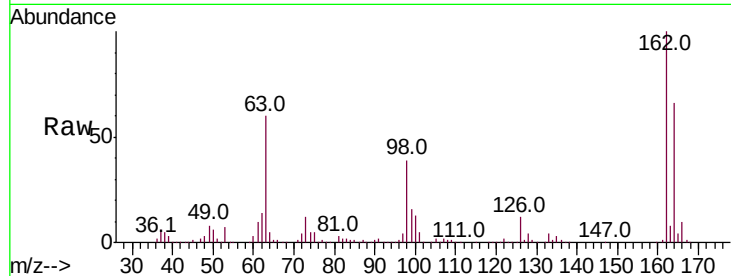




#29
 2,4-Dichlorophenol
 Concen: 38.198 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.4	84.4
98	38.7	20.3	60.3

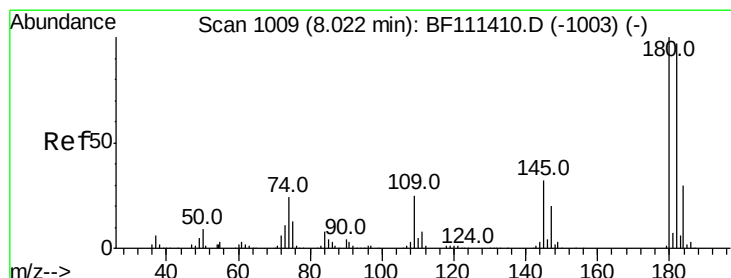
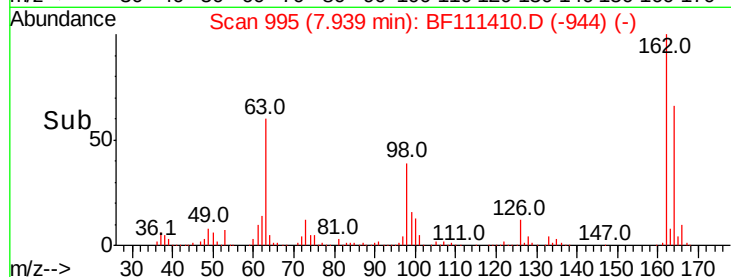
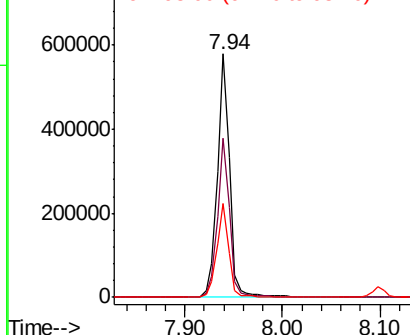


Abundance

Ion 162.00 (161.70 to 162.70): E

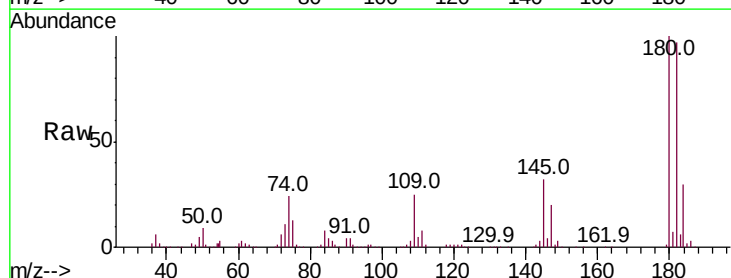
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.989 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.6	113.4
145	32.0	26.7	40.1

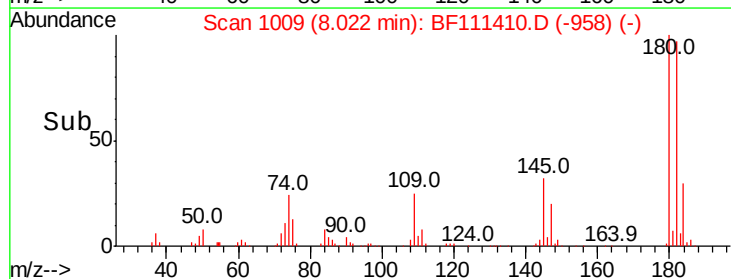
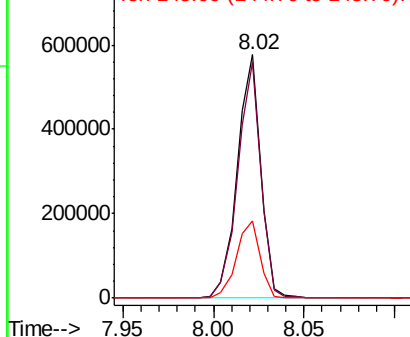


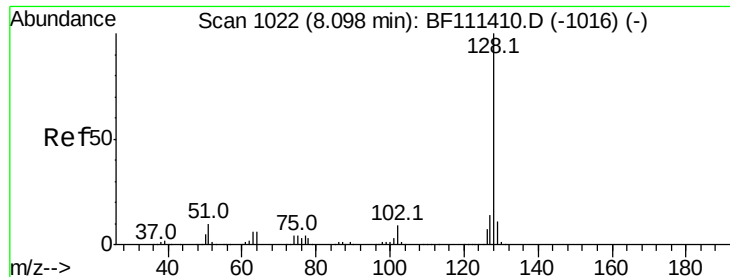
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

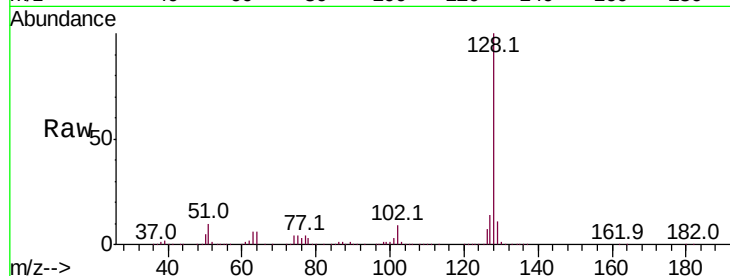




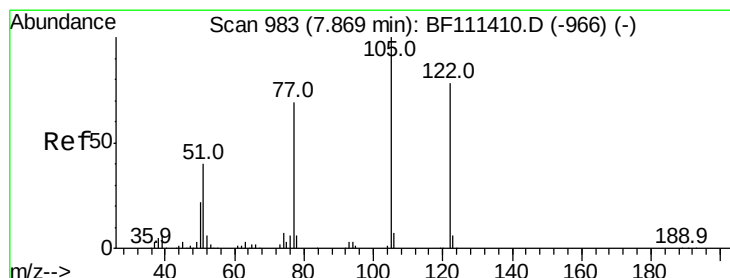
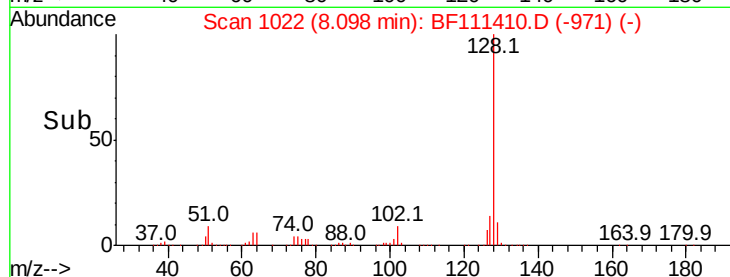
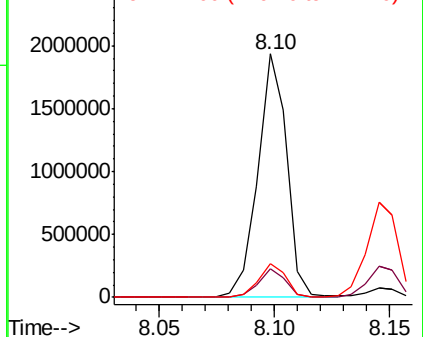
#31
Naphthalene
Concen: 38.932 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1692469
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.6 12.0 18.0

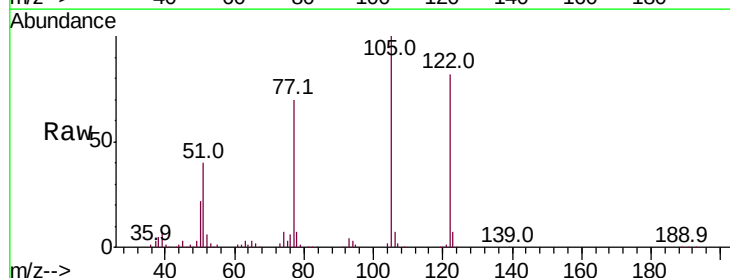


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

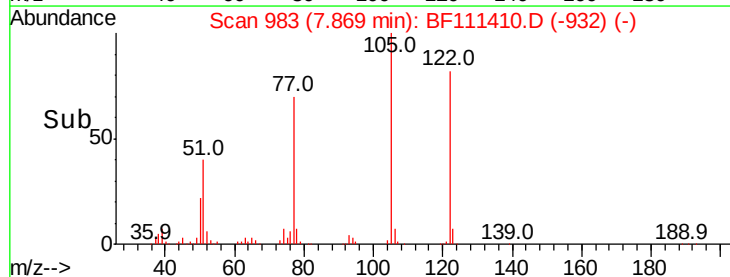
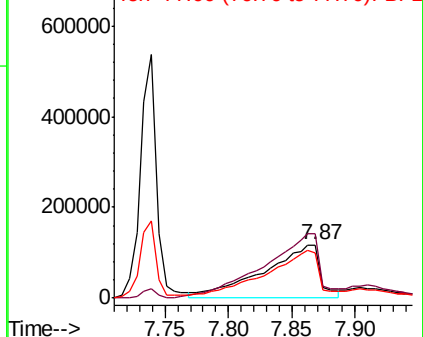


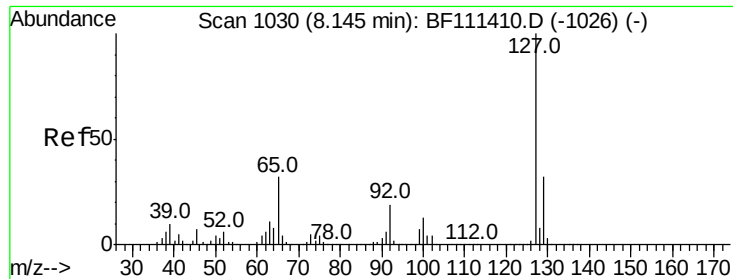
#32
Benzoic acid
Concen: 33.736 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:122 Resp: 356816
Ion Ratio Lower Upper
122 100
105 122.0 97.0 137.0
77 85.4 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

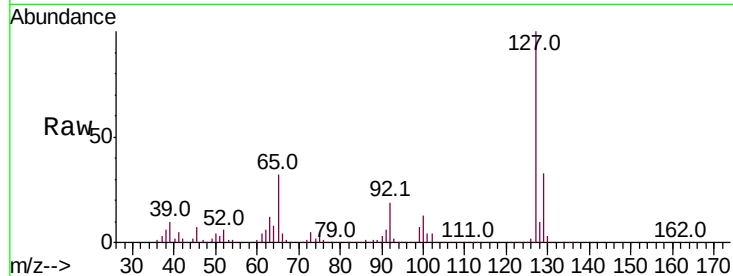




#33
4-Chloroaniline
Concen: 39.984 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	742341
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	32.0	25.7	38.5
92	18.6	15.4	23.2



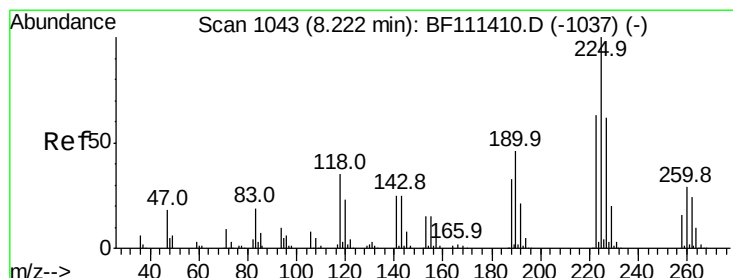
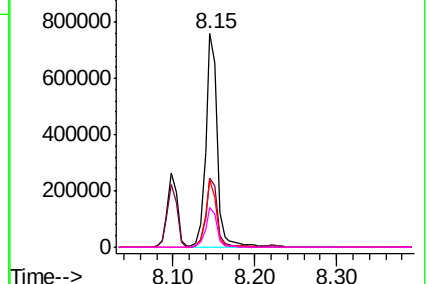
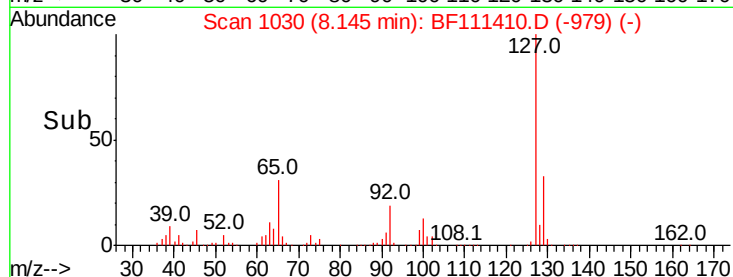
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

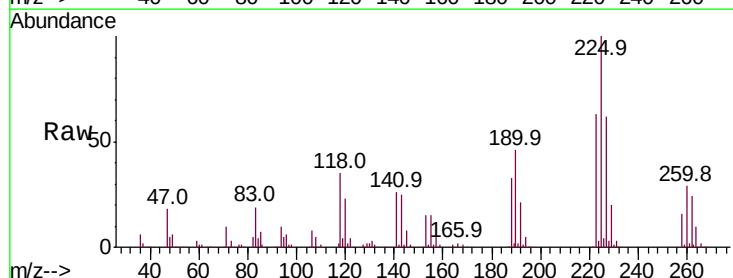
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.880 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:	225	Resp:	294146
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	62.3	52.6	78.8

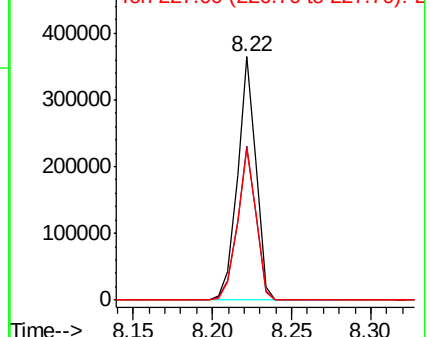
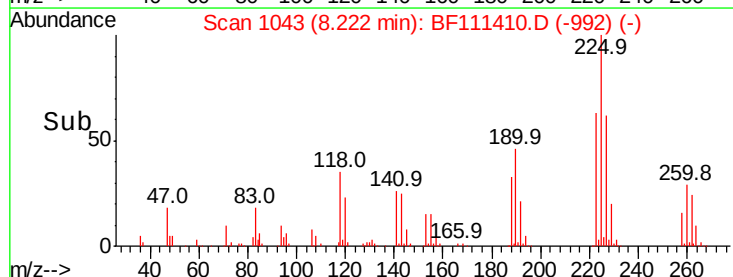


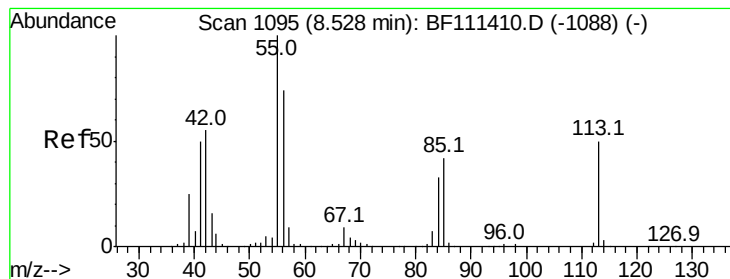
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.100 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampleId :

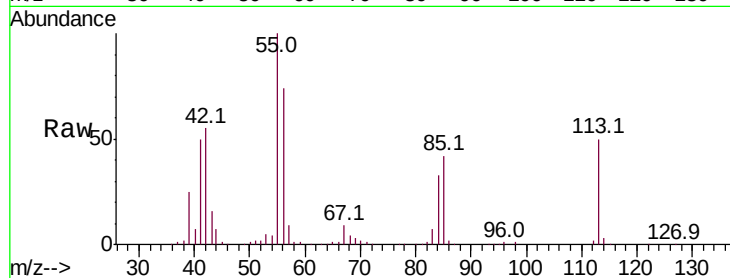
Tot Ion:113 Resp: 186492

Ion Ratio Lower Upper

113 100

55 200.2 184.1 224.1

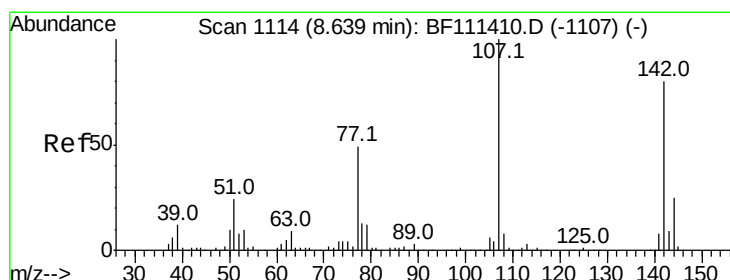
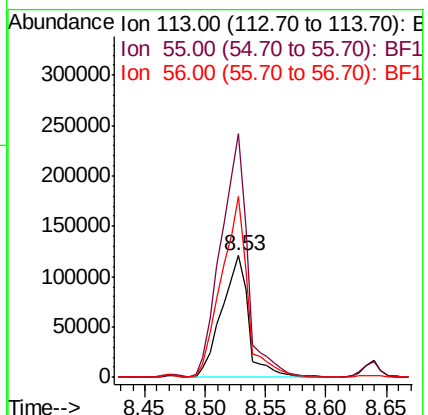
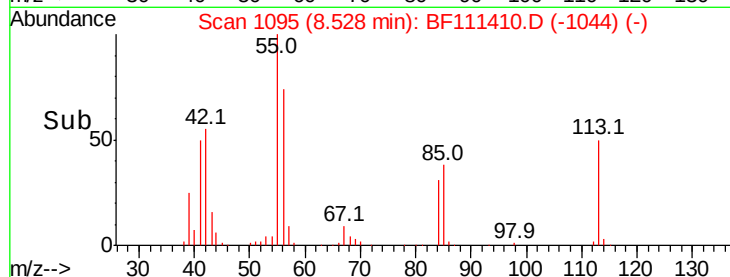
56 148.6 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.498 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

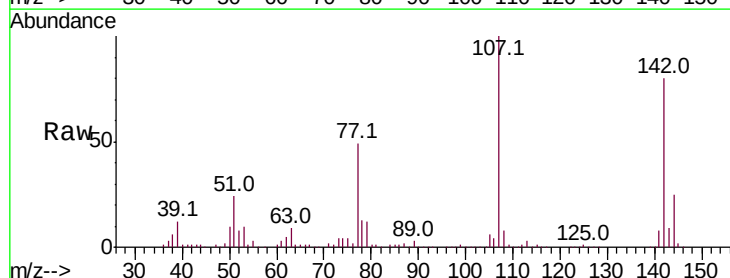
Tgt Ion:107 Resp: 544494

Ion Ratio Lower Upper

107 100

144 25.4 19.8 29.6

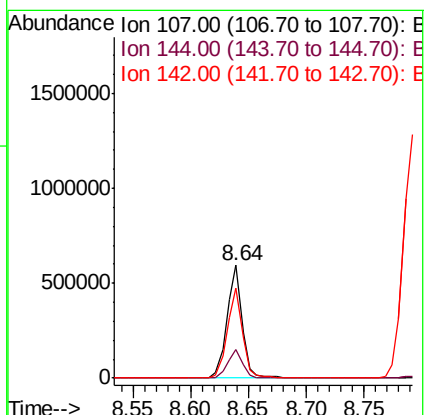
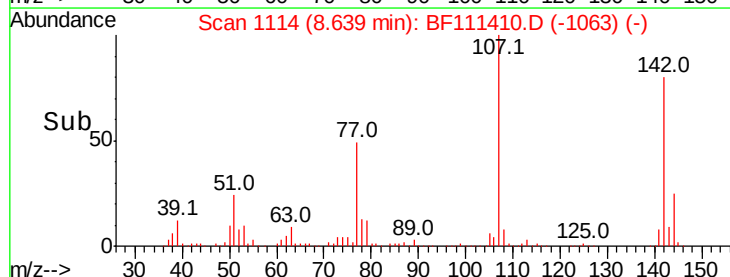
142 79.9 62.3 93.5

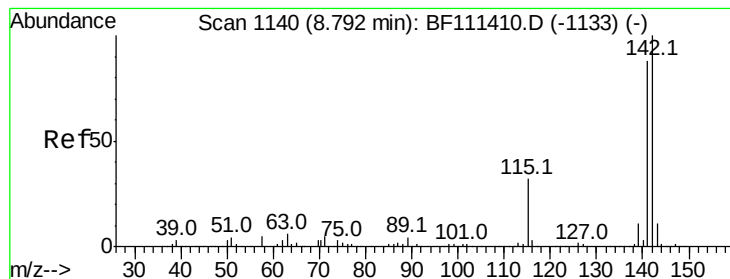


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.239 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampleId :

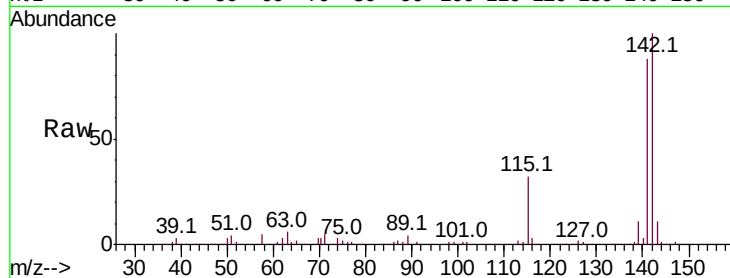
Tot Ion:142 Resp: 1102693

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8

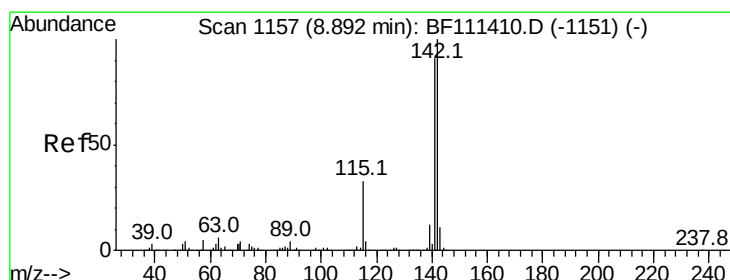
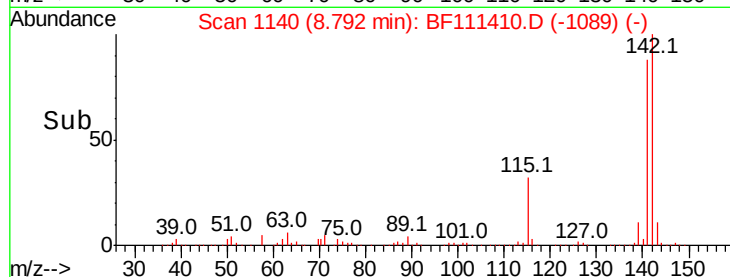
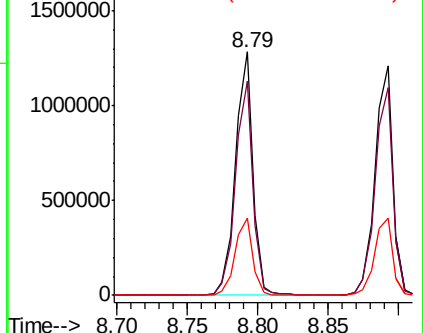
115 31.7 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.169 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

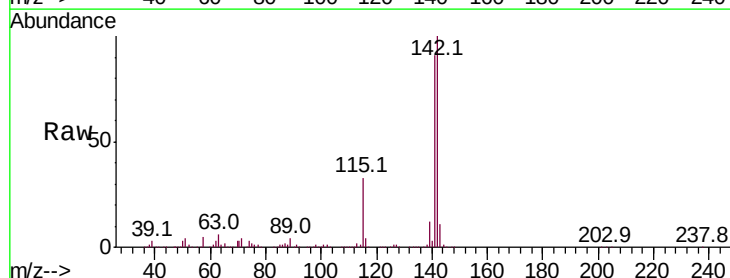
Tgt Ion:142 Resp: 1062383

Ion Ratio Lower Upper

142 100

141 90.8 74.2 111.4

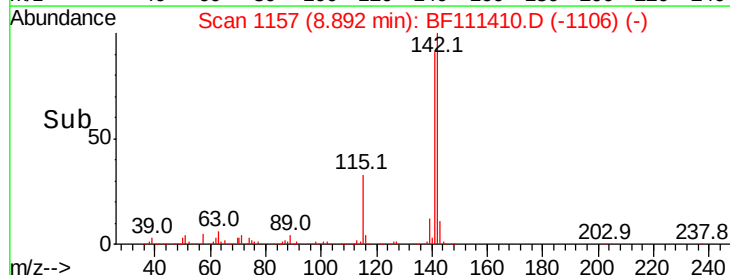
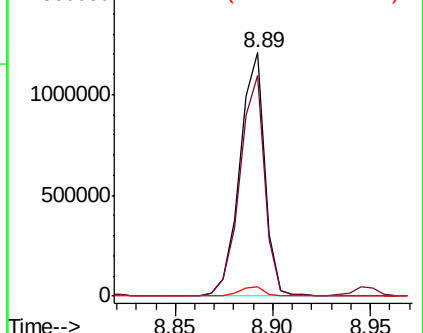
116 3.6 2.9 4.3

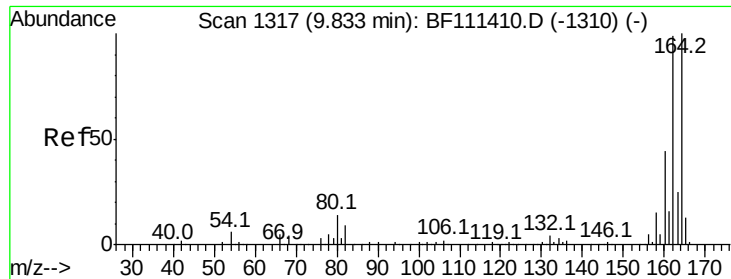


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

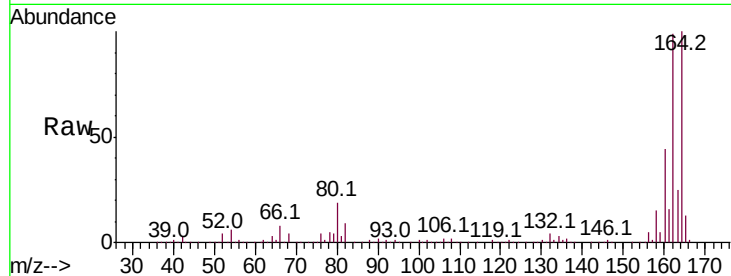




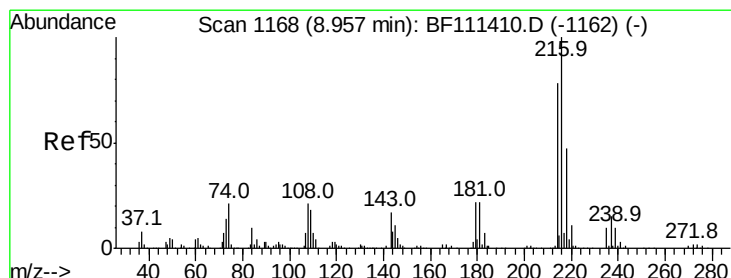
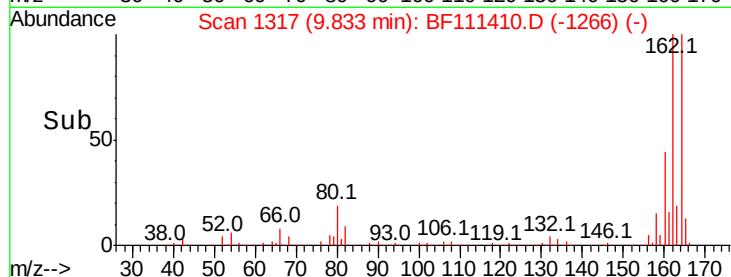
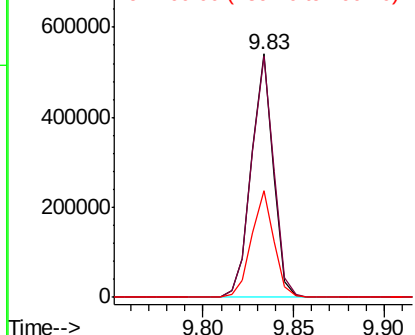
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	43.8	35.7	53.5



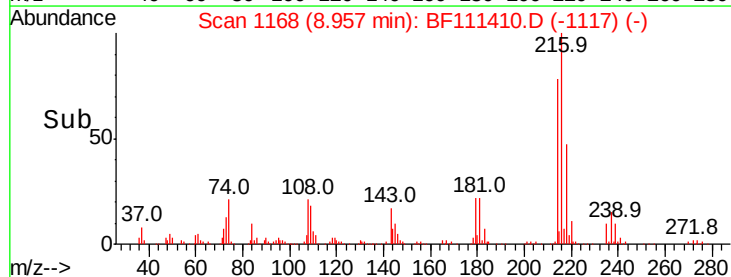
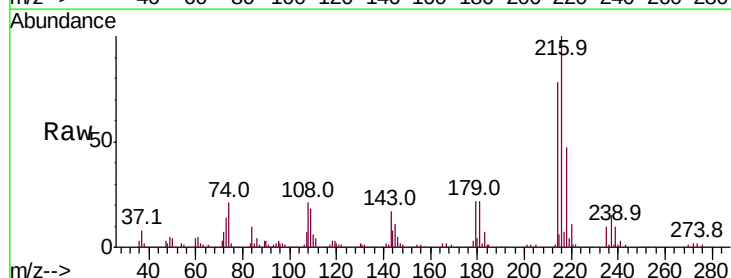
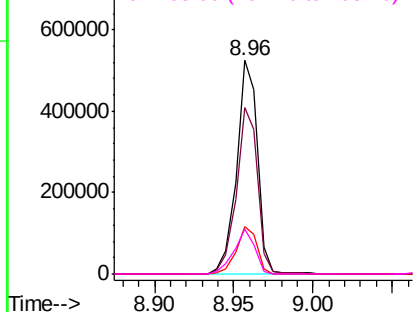
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

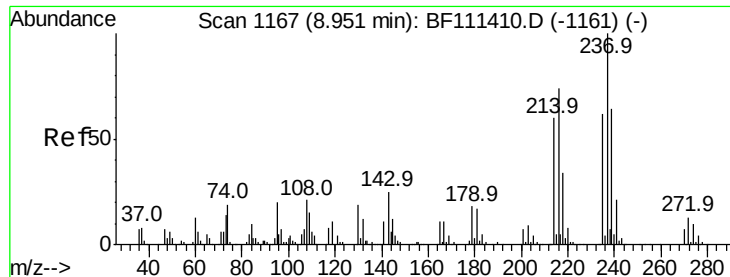


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.679 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	22.2	17.9	26.9
108	21.4	18.4	27.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

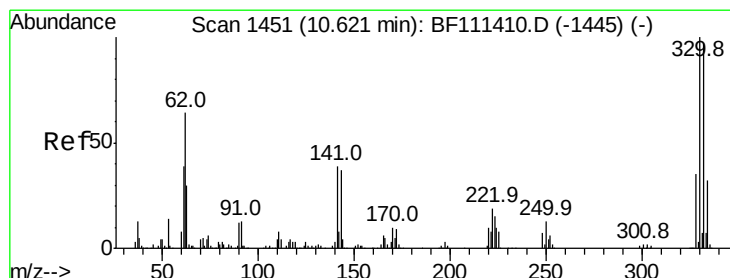
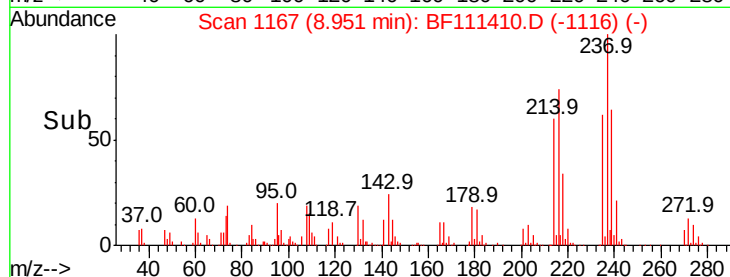
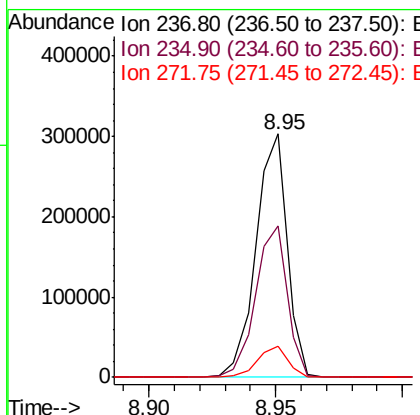
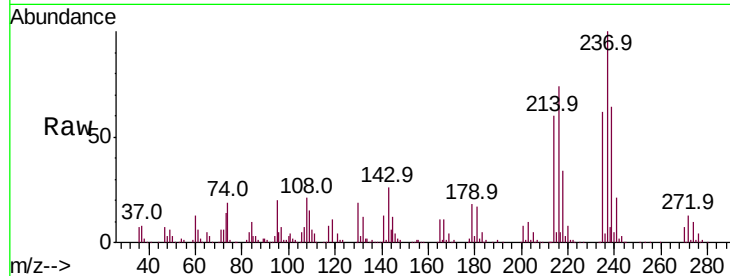




#41
Hexachlorocyclopentadiene
Concen: 39.375 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

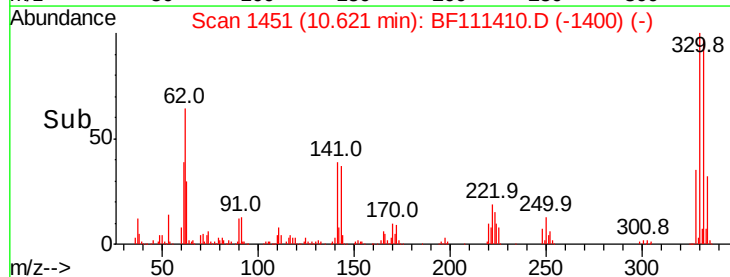
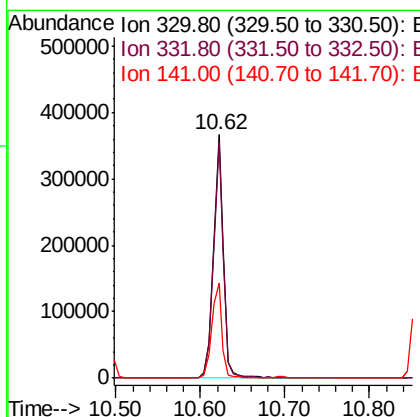
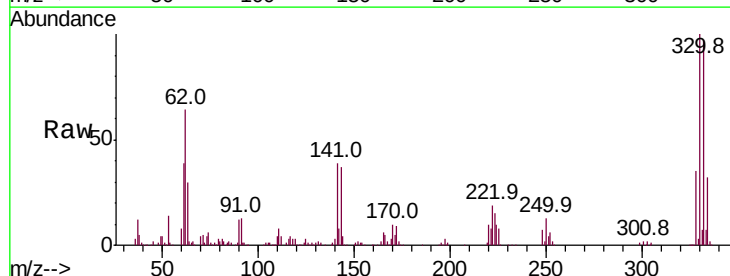
Instrument :
BNA_F
ClientSampleId :

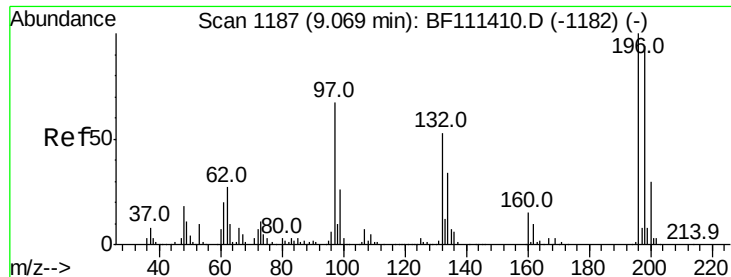
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.1	83.1
272	12.7	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 79.197 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	39.4	31.0	46.6

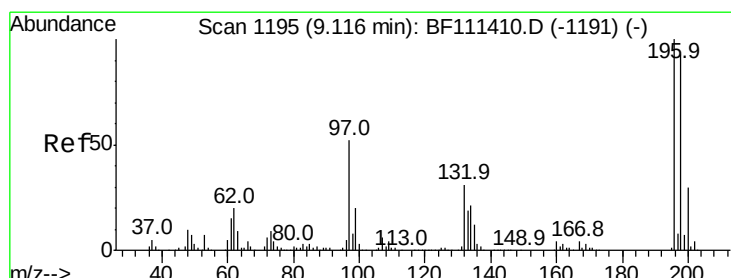
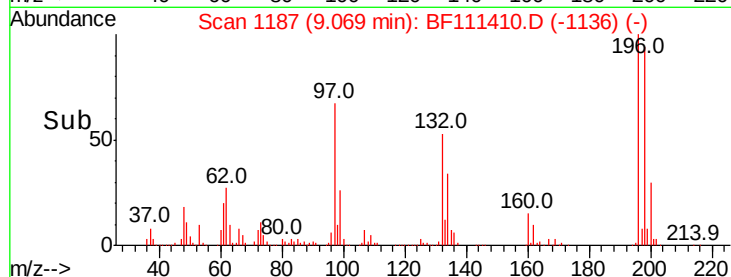
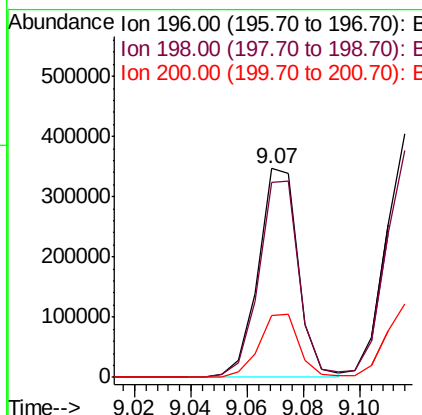
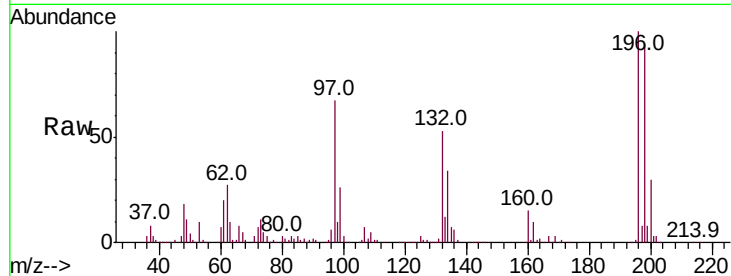




#43
 2,4,6-Trichlorophenol
 Concen: 37.416 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

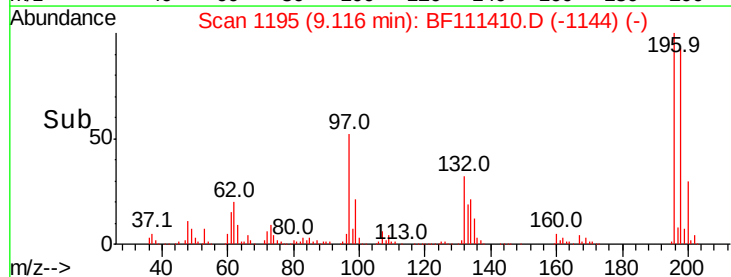
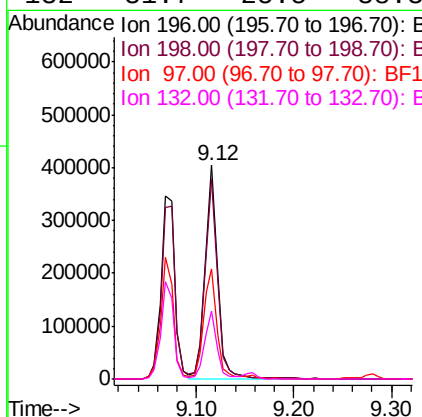
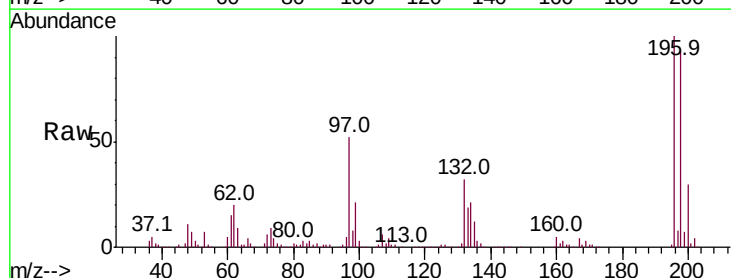
Instrument :
 BNA_F
 ClientSampled :

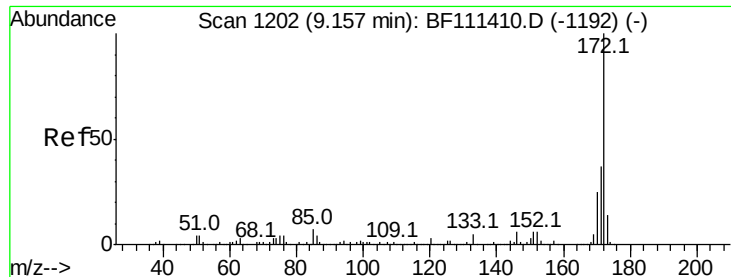
Tot Ion:196 Resp: 340442
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.3 114.5
 200 29.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.986 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion:196 Resp: 365270
 Ion Ratio Lower Upper
 196 100
 198 93.4 72.9 109.3
 97 51.8 45.3 67.9
 132 31.7 25.5 38.3

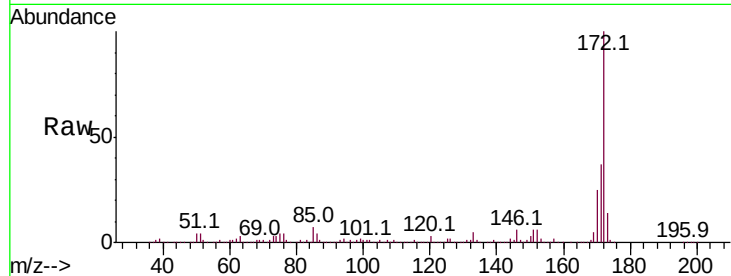




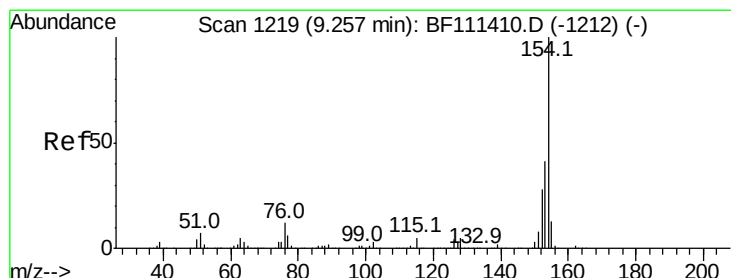
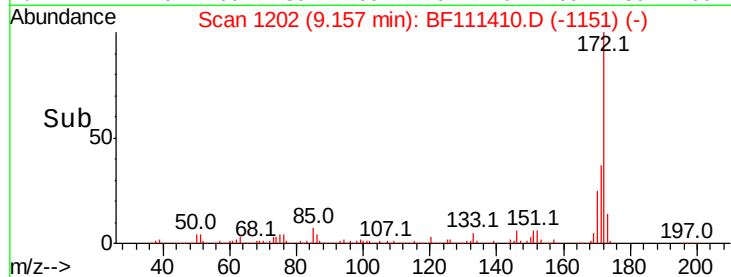
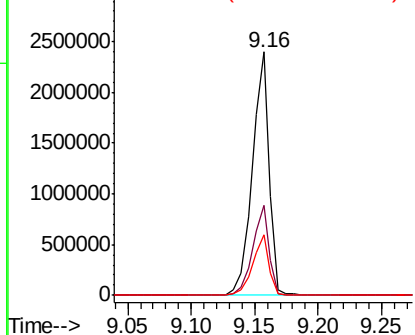
#45
2-Fluorobiphenyl
Concen: 79.140 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2229292
Ion Ratio Lower Upper
172 100
171 37.0 33.0 49.4
170 25.0 22.3 33.5

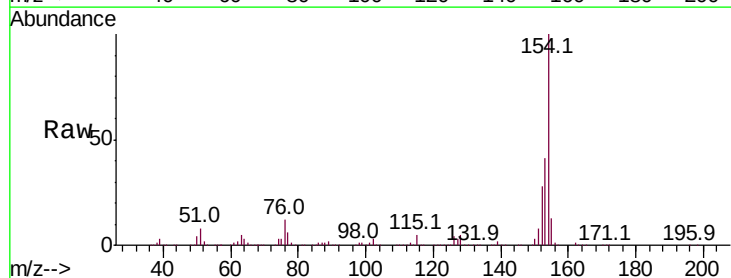


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

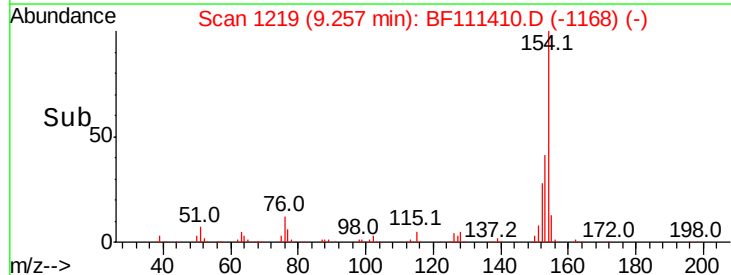
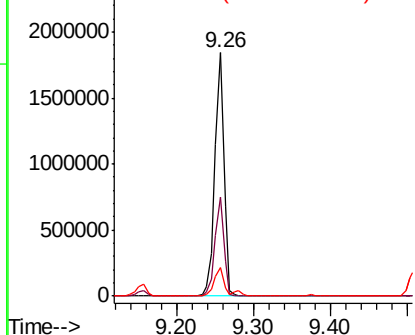


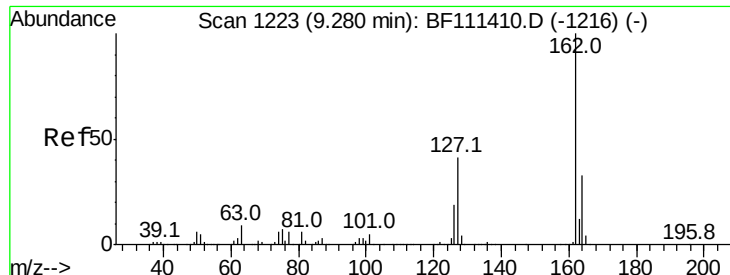
#46
1,1'-Biphenyl
Concen: 38.207 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:154 Resp: 1474268
Ion Ratio Lower Upper
154 100
153 40.9 23.7 63.7
76 11.9 0.0 35.0



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



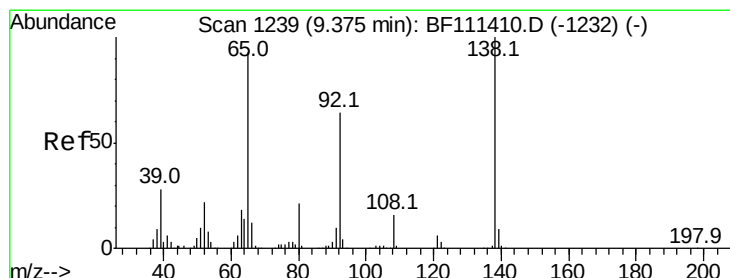
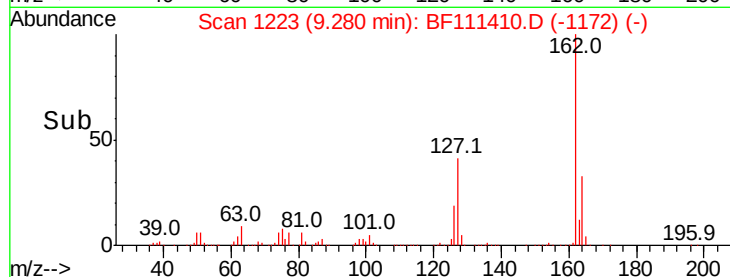
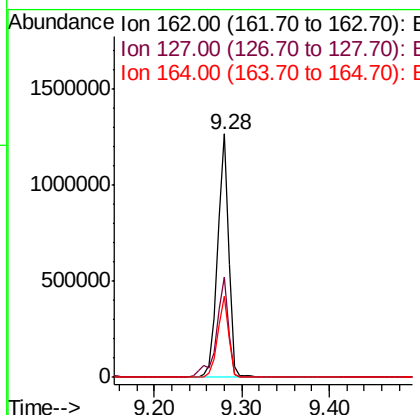
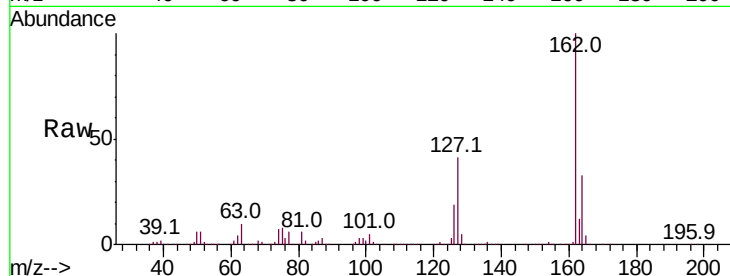


#47
 2-Chloronaphthalene
 Concen: 37.885 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1119554

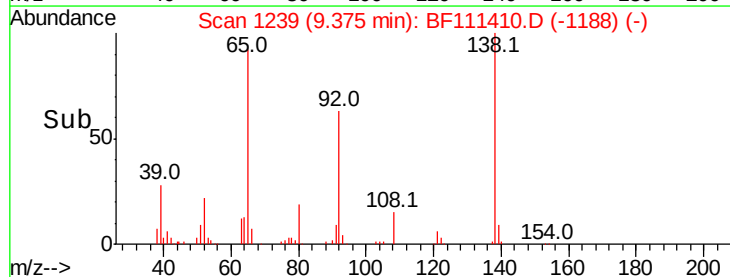
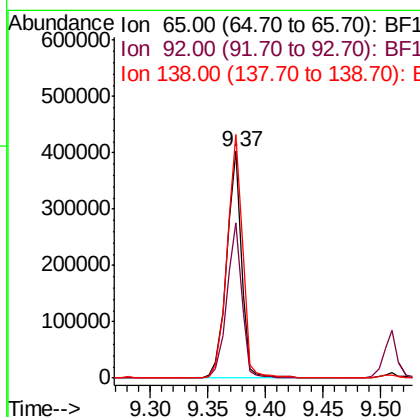
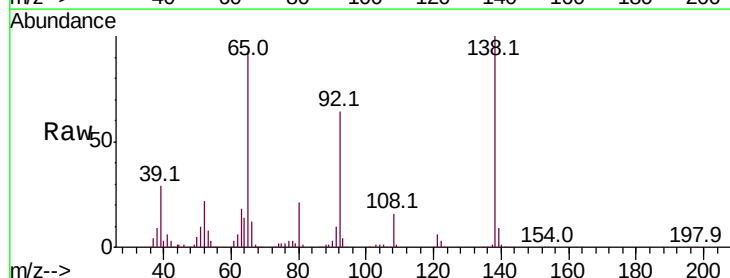
Ion	Ratio	Lower	Upper
162	100		
127	41.4	35.0	52.4
164	33.2	28.4	42.6

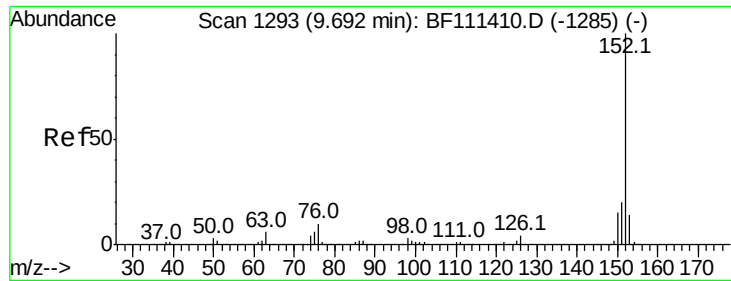


#48
 2-Nitroaniline
 Concen: 38.102 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion: 65 Resp: 365885

Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.5	80.3
138	107.3	80.9	121.3





#49

Acenaphthylene

Concen: 38.543 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

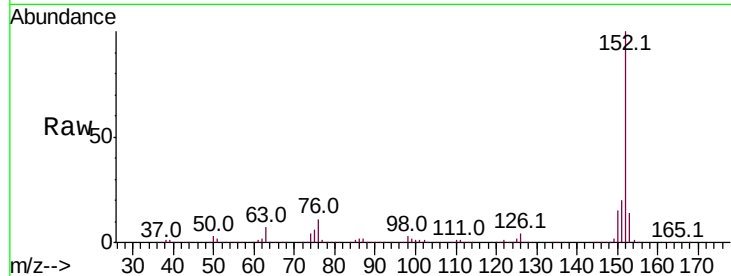
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1664049

Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.0	27.0
153	13.6	12.3	18.5

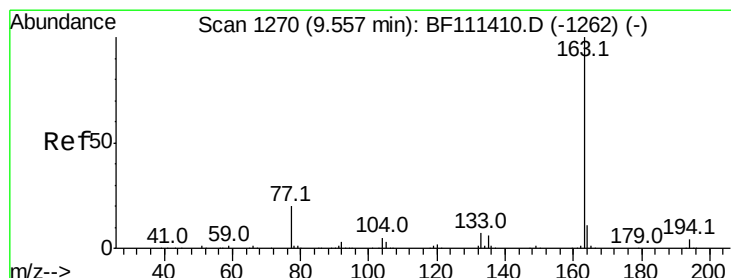
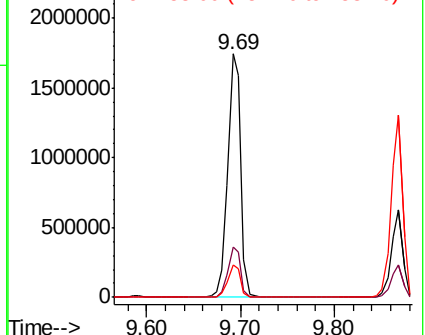
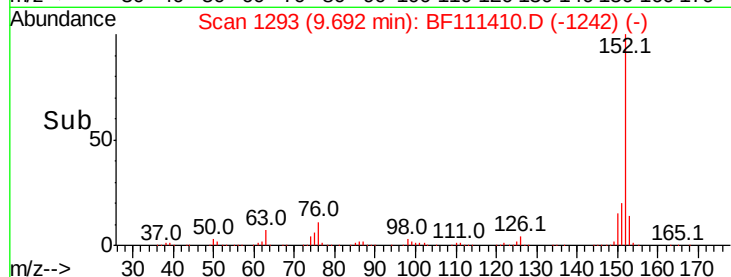


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.454 ng

RT: 9.56 min Scan# 1270

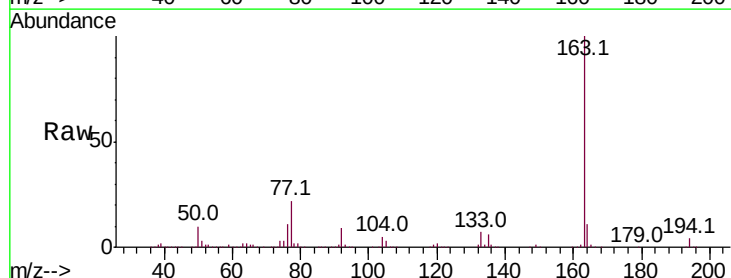
Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Tgt Ion:163 Resp: 1250580

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.5	8.9	13.3

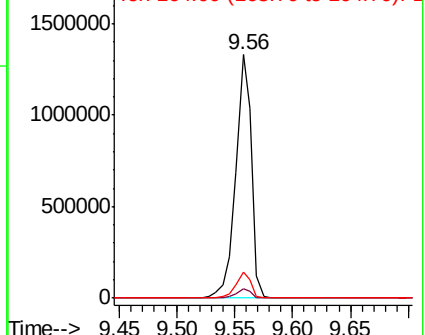
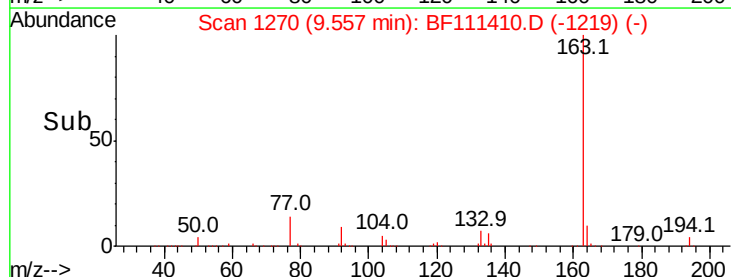


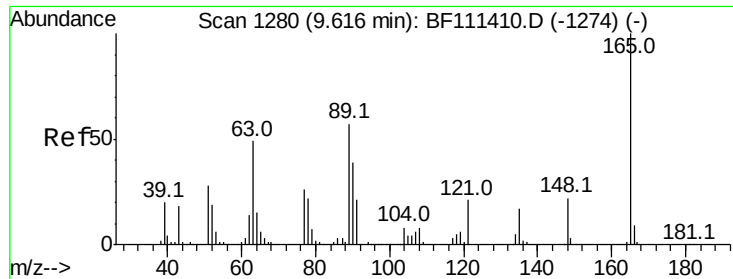
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.174 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampled :

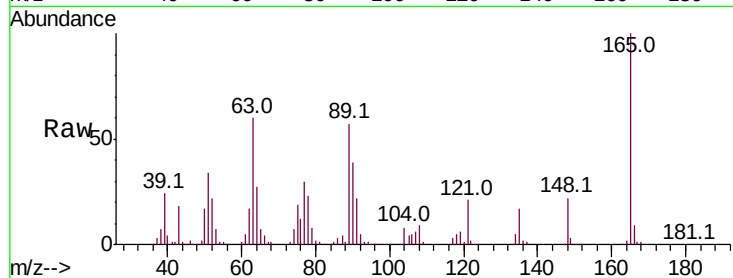
Tot Ion:165 Resp: 282400

Ion Ratio Lower Upper

165 100

63 60.3 40.5 60.7

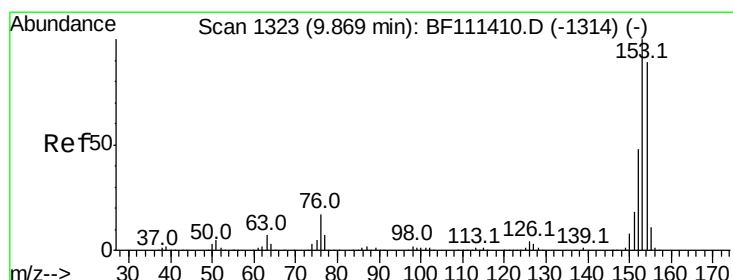
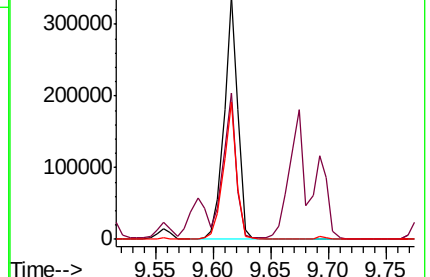
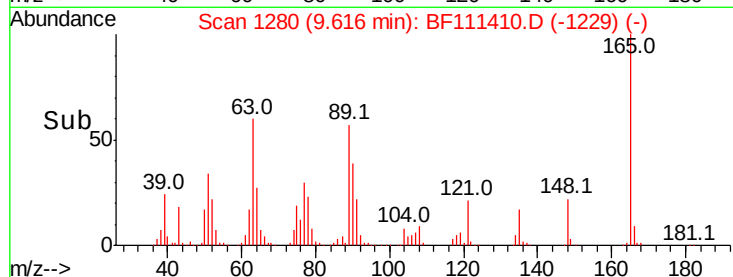
89 56.5 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.321 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

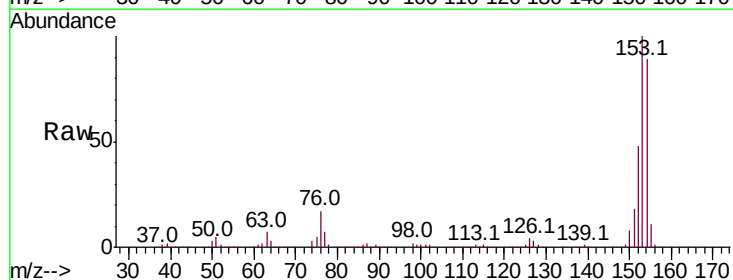
Tgt Ion:154 Resp: 1043545

Ion Ratio Lower Upper

154 100

153 111.9 87.8 131.8

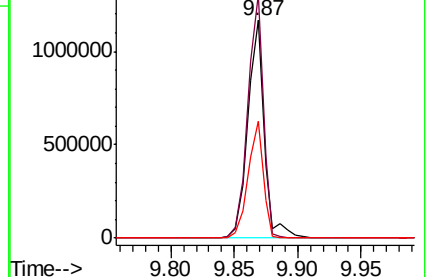
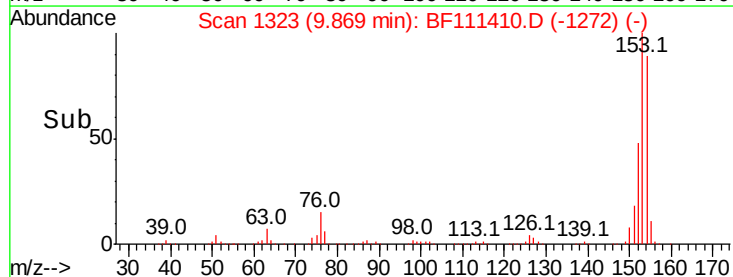
152 53.7 43.4 65.2

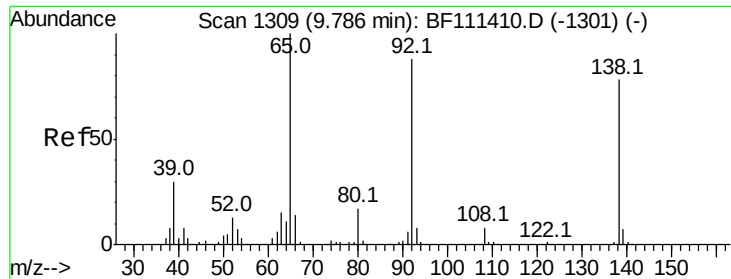


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

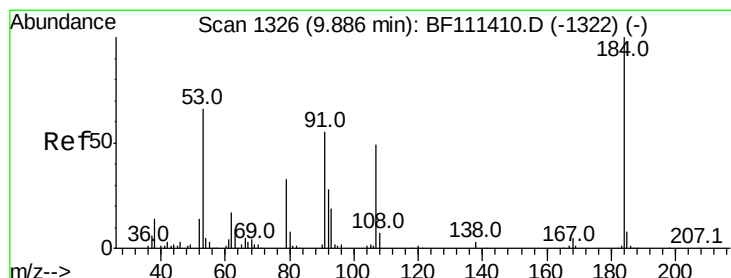
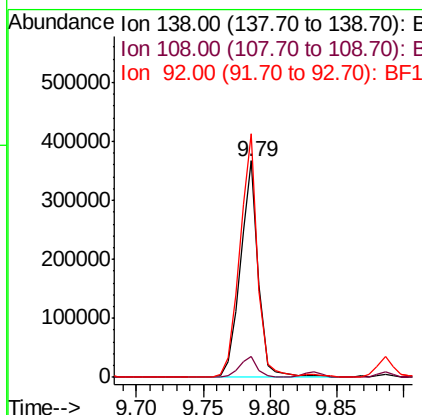
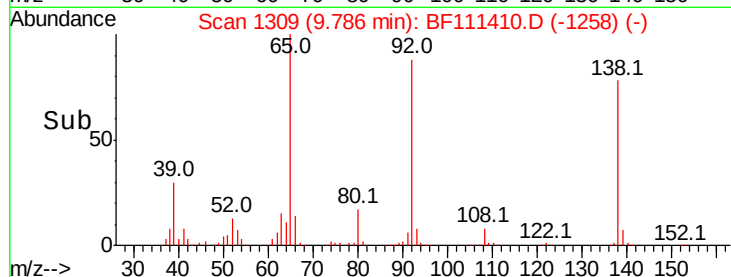
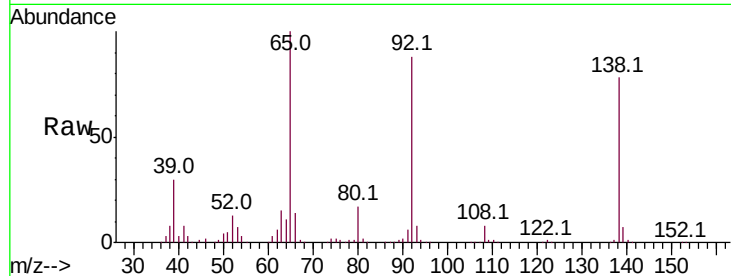




#53
 3-Nitroaniline
 Concen: 39.463 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

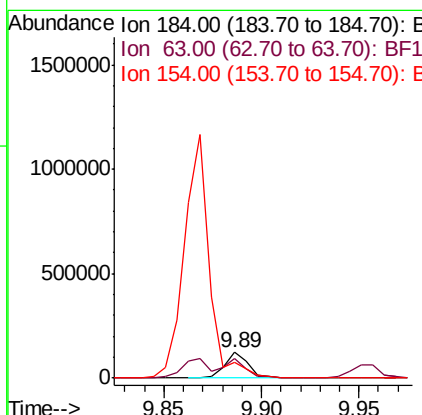
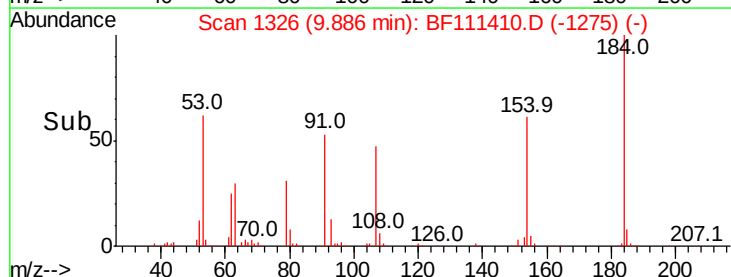
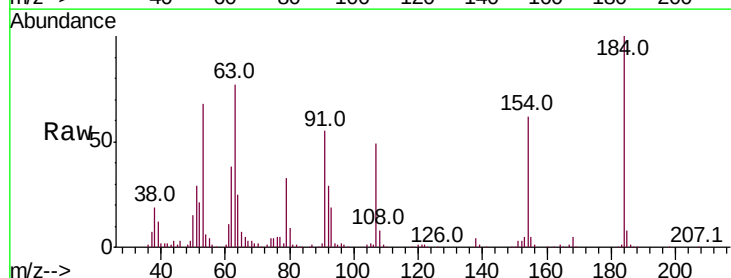
Instrument :
 BNA_F
 ClientSampled :

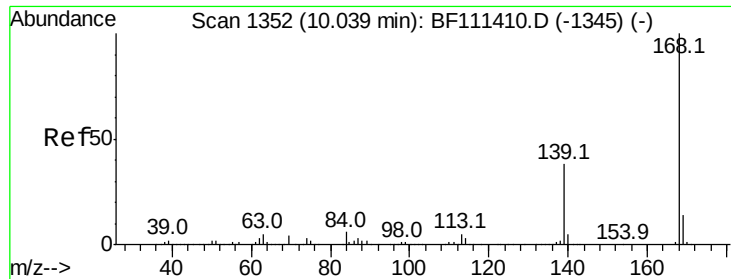
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.4
92	112.5	93.4	140.2



#54
 2,4-Dinitrophenol
 Concen: 38.369 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.7	62.3	93.5
154	61.7	56.2	84.2

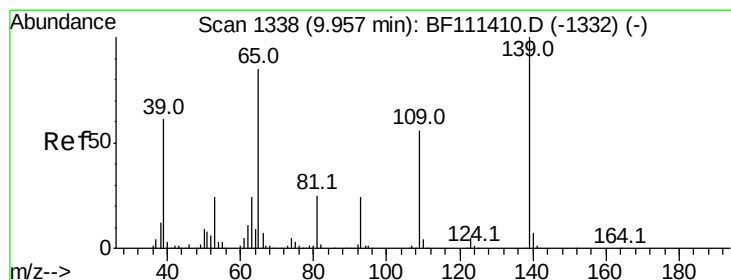
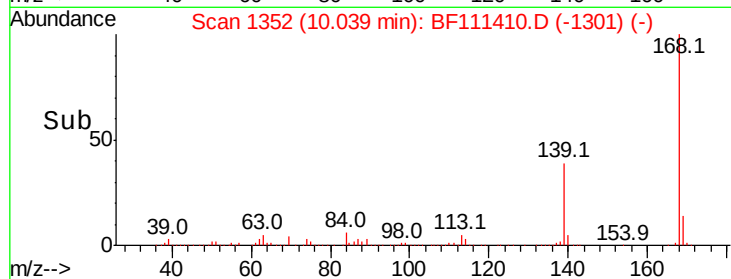
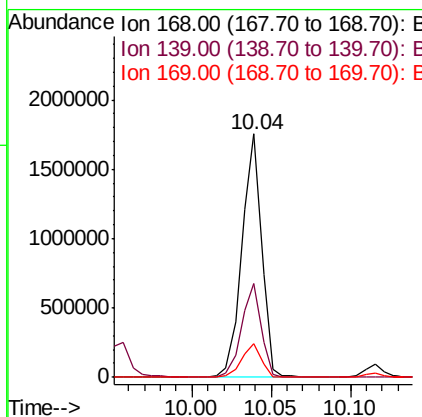
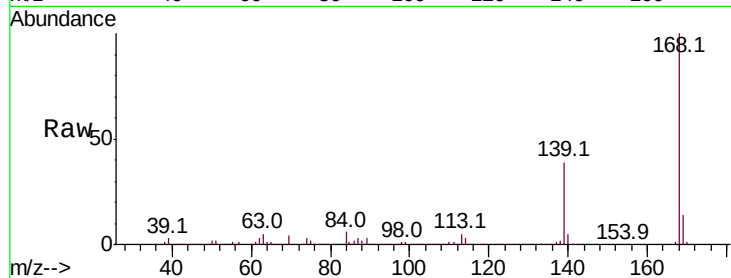




#55
Dibenzenofuran
Concen: 38.527 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

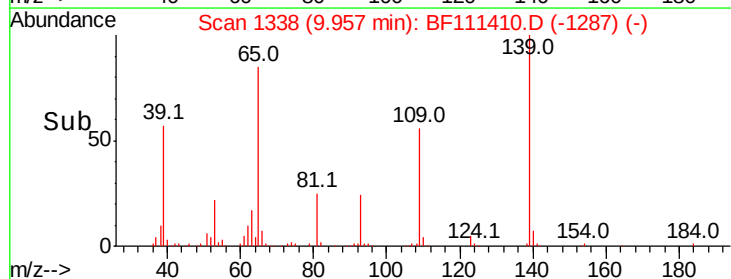
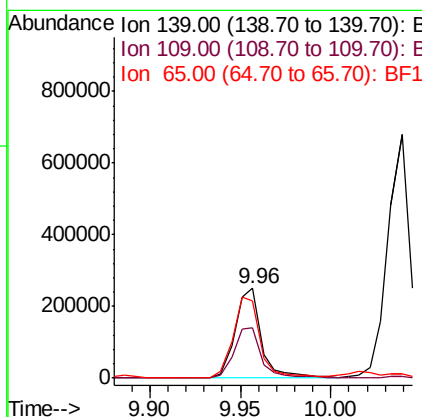
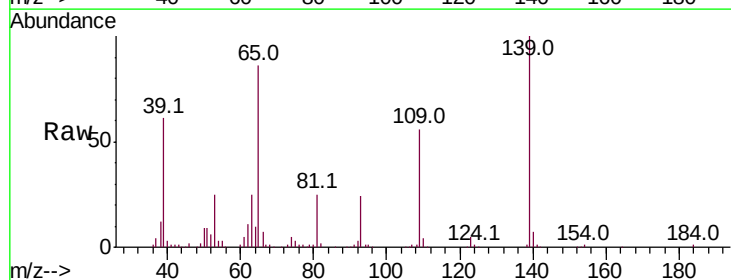
Instrument :
BNA_F
ClientSampleId :

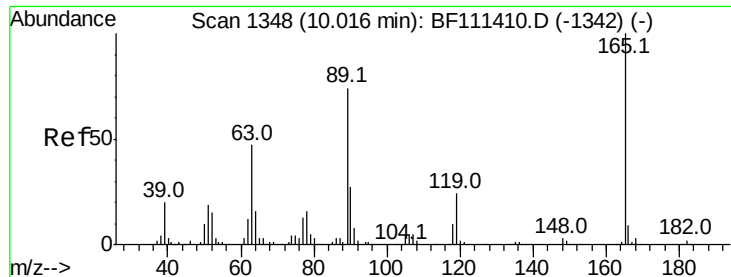
Tot Ion:168 Resp: 1514580
Ion Ratio Lower Upper
168 100
139 38.7 32.6 49.0
169 13.8 11.8 17.6



#56
4-Nitrophenol
Concen: 40.474 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:139 Resp: 252554
Ion Ratio Lower Upper
139 100
109 55.5 41.8 81.8
65 85.6 79.6 119.6

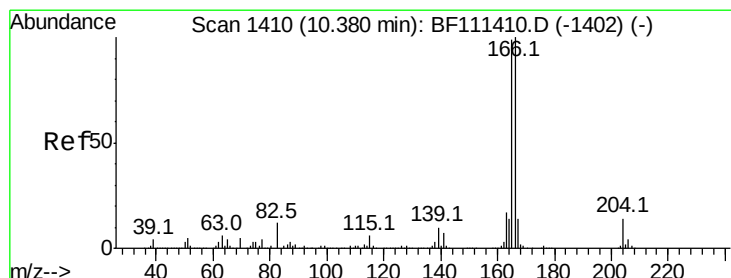
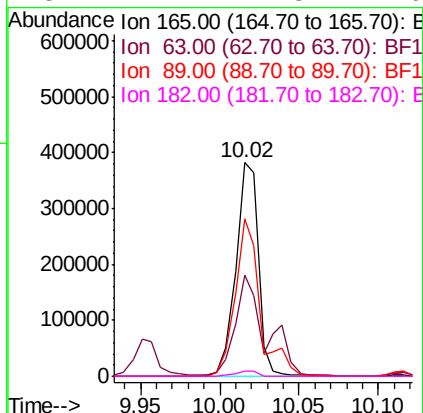
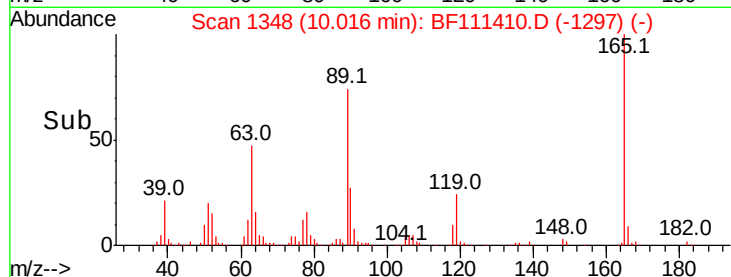
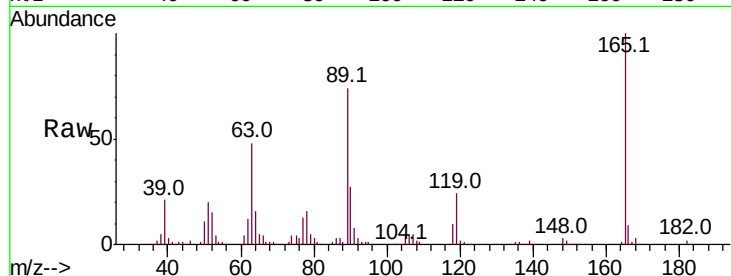




#57
 2,4-Dinitrotoluene
 Concen: 40.770 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

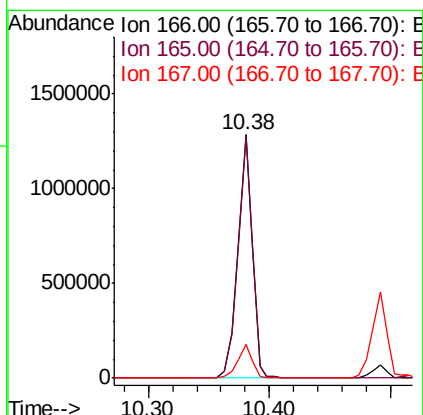
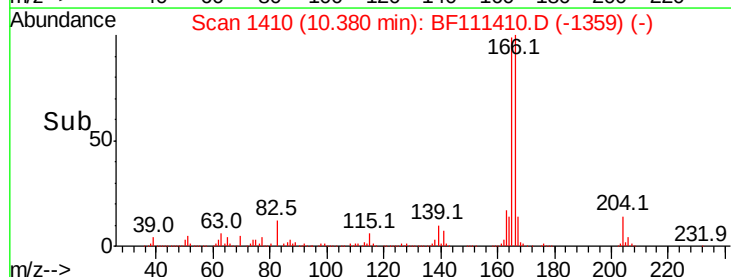
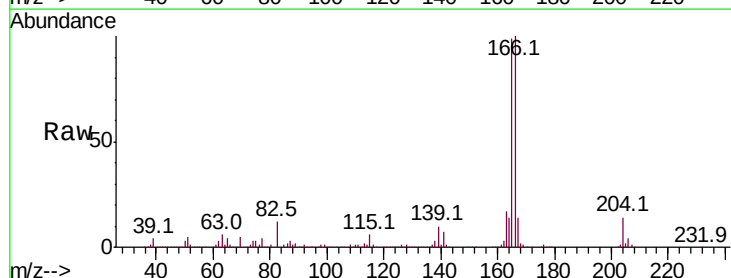
Instrument :
 BNA_F
 ClientSampleId :

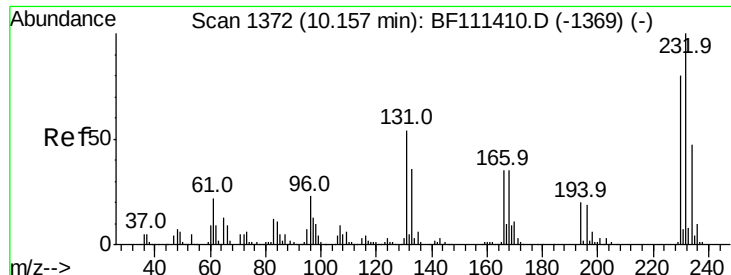
Tot Ion:165 Resp: 376679
 Ion Ratio Lower Upper
 165 100
 63 47.5 34.6 52.0
 89 73.5 56.2 84.4
 182 2.4 1.8 2.6



#58
 Fluorene
 Concen: 38.669 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion:166 Resp: 1087452
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.4 117.6
 167 13.8 11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.617 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 279437

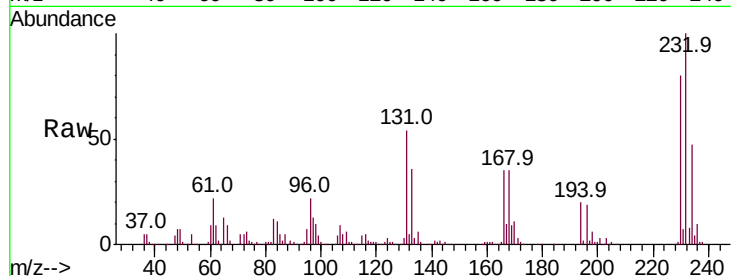
Ion Ratio Lower Upper

232 100

131 50.3 40.9 61.3

130 2.3 2.0 3.0

166 34.1 26.8 40.2

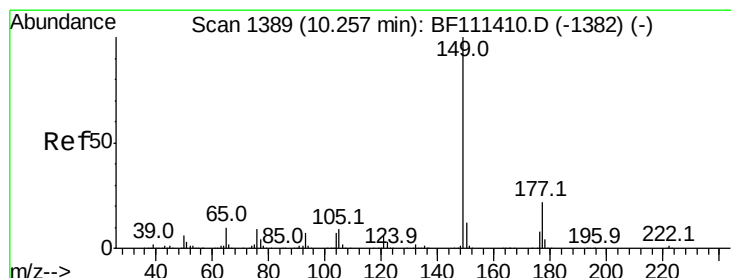
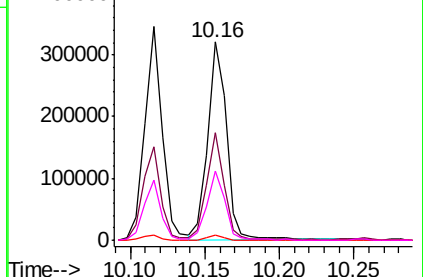
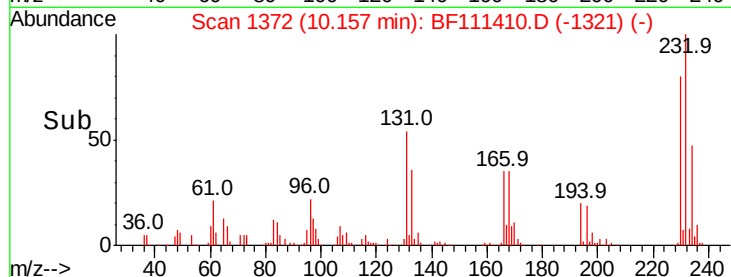


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.540 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

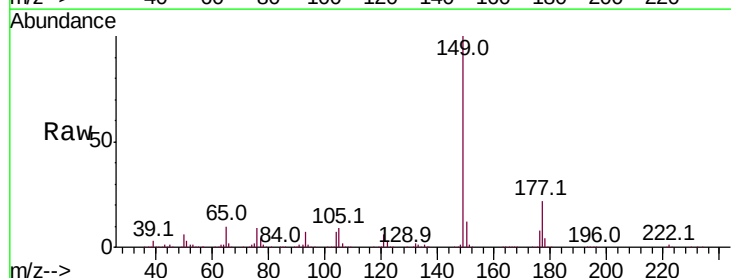
Tgt Ion:149 Resp: 1261834

Ion Ratio Lower Upper

149 100

177 22.2 18.3 27.5

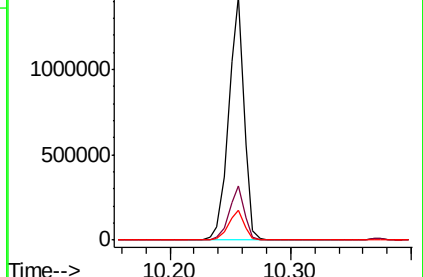
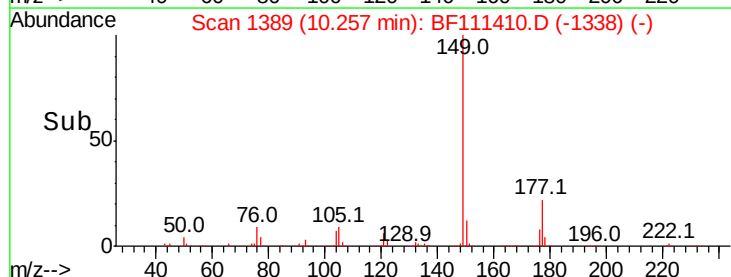
150 12.3 10.6 15.8

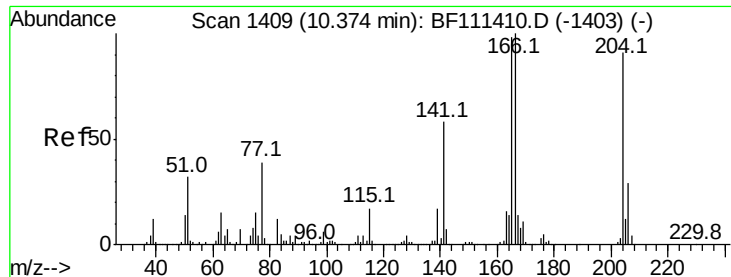


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

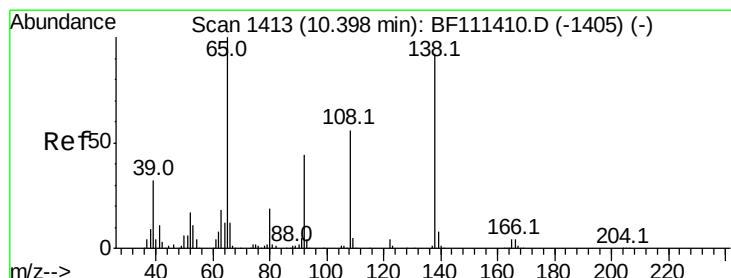
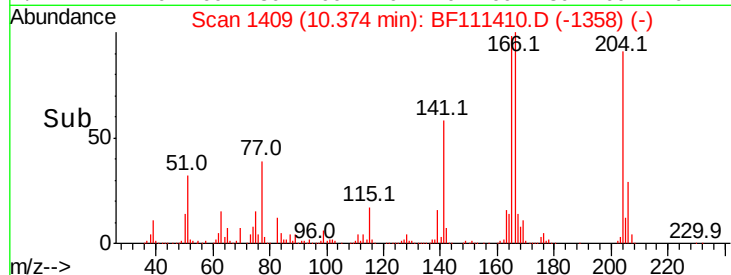
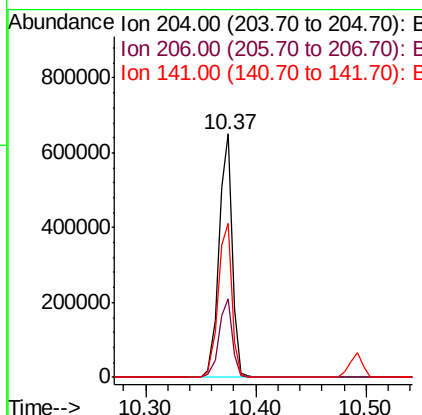
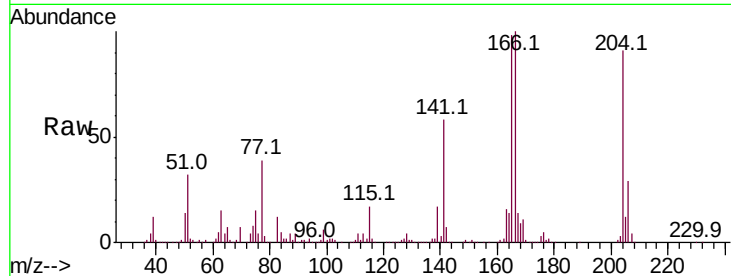




#61
4-Chlorophenyl-phenylether
Concen: 38.940 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

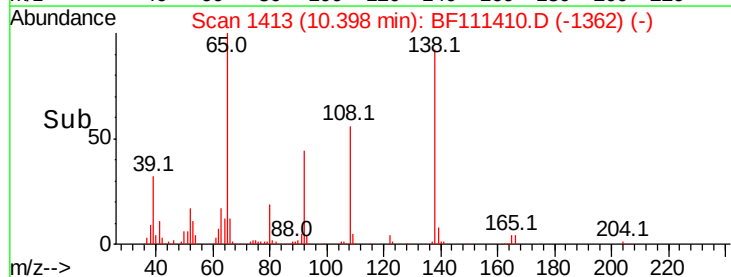
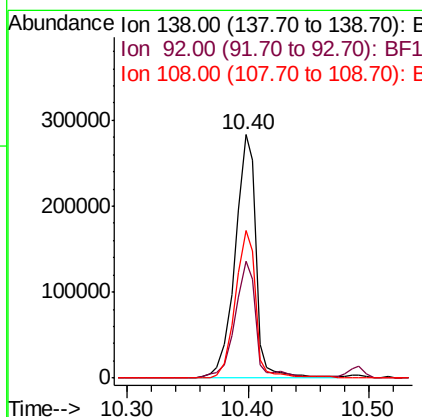
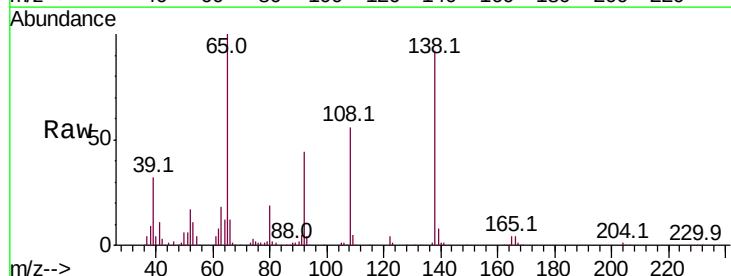
Instrument :
BNA_F
ClientSampled :

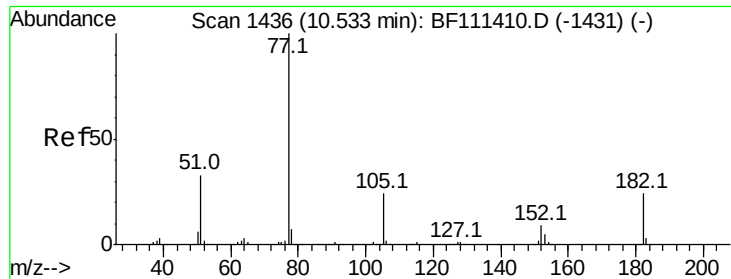
Tot Ion:204 Resp: 542881
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 63.1 52.6 78.8



#62
4-Nitroaniline
Concen: 41.392 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:138 Resp: 344737
Ion Ratio Lower Upper
138 100
92 48.0 29.9 69.9
108 60.6 43.2 83.2





#63

Azobenzene

Concen: 37.554 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1239732

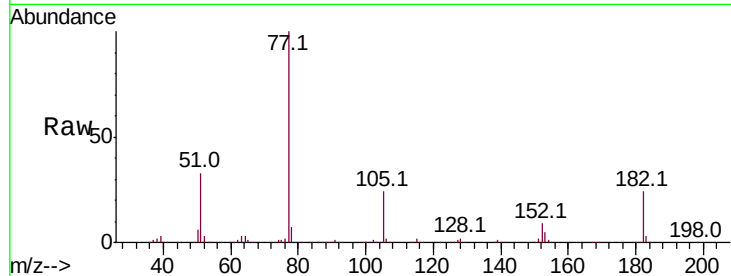
Ion Ratio Lower Upper

77 100

182 23.9 4.9 44.9

105 23.5 6.0 46.0

51 33.4 14.7 54.7

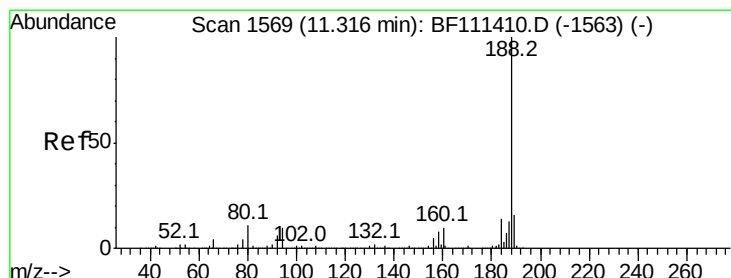
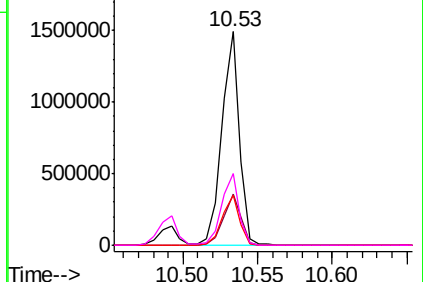
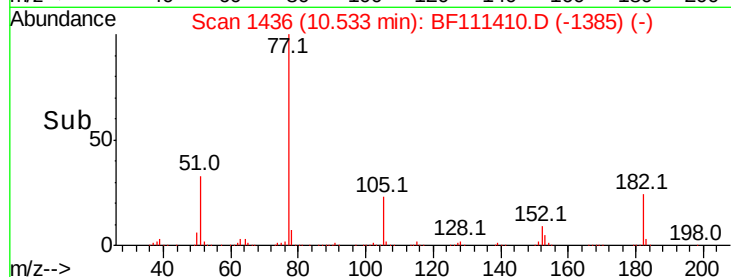


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

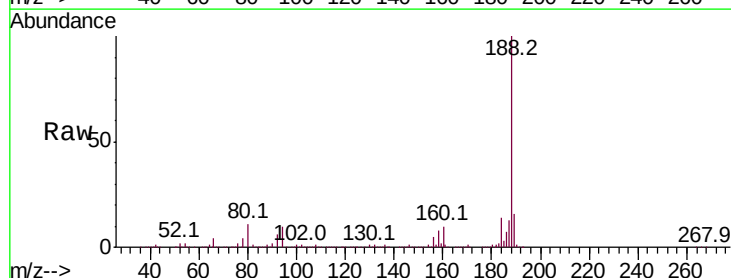
Tgt Ion: 188 Resp: 797196

Ion Ratio Lower Upper

188 100

94 9.6 9.6 14.4#

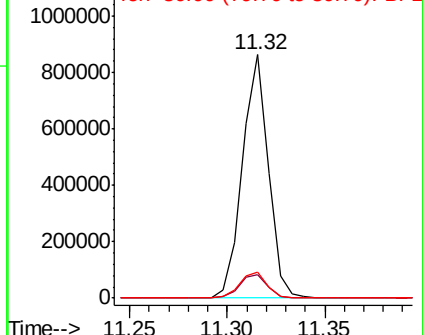
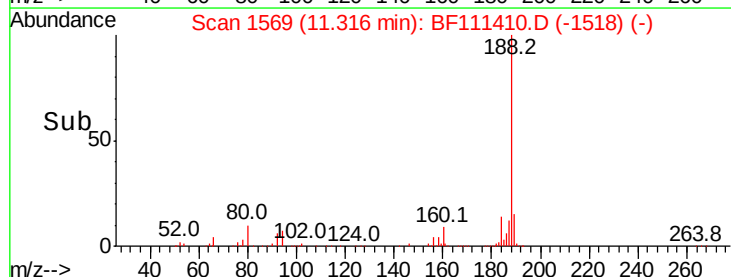
80 10.6 9.8 14.6

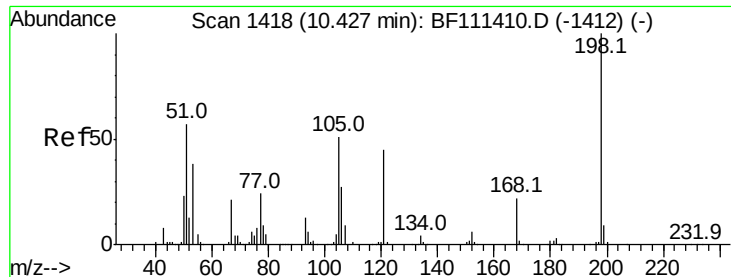


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

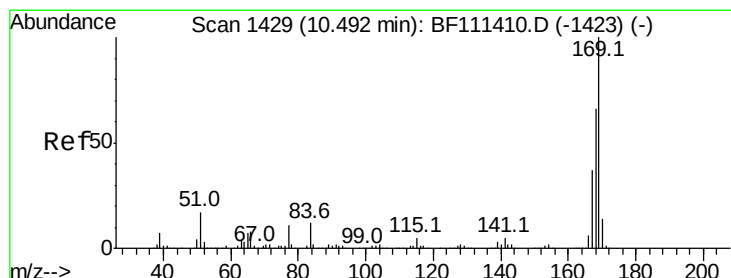
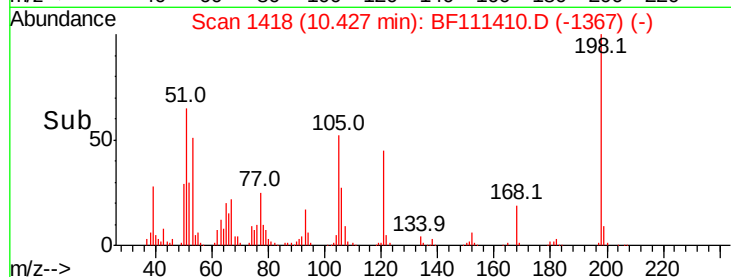
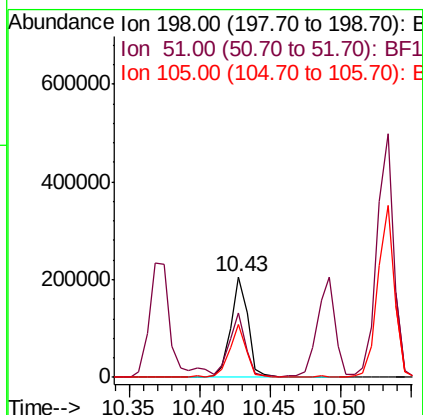
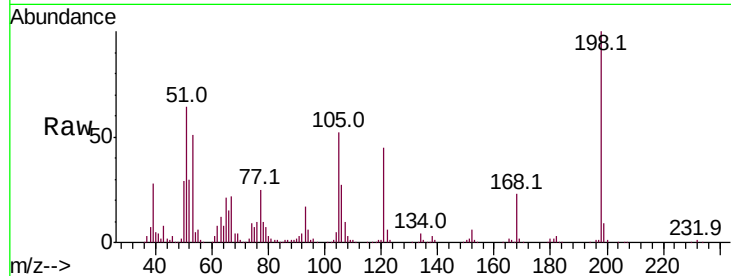




#65
4,6-Dinitro-2-methylphenol
Concen: 38.710 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

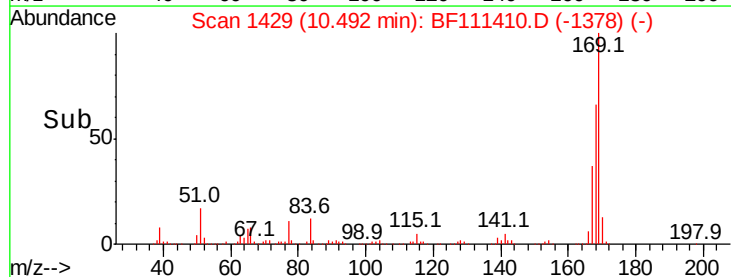
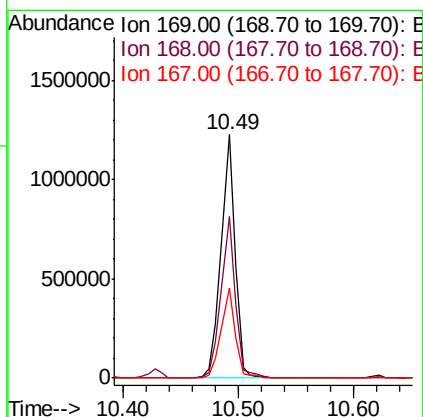
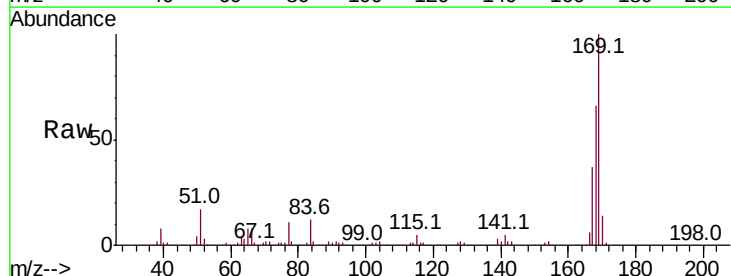
Instrument :
BNA_F
ClientSampleId :

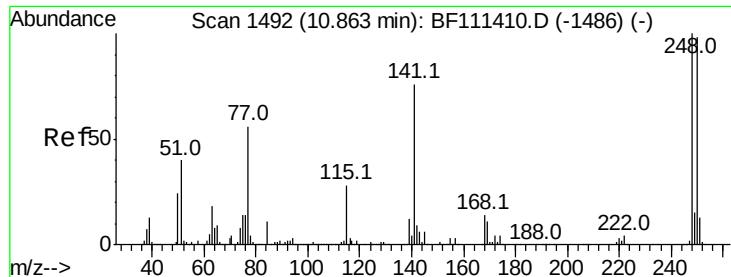
Tot Ion:198 Resp: 177165
Ion Ratio Lower Upper
198 100
51 64.5 48.0 88.0
105 51.9 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 37.356 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:169 Resp: 1059329
Ion Ratio Lower Upper
169 100
168 66.3 54.4 81.6
167 36.9 30.5 45.7

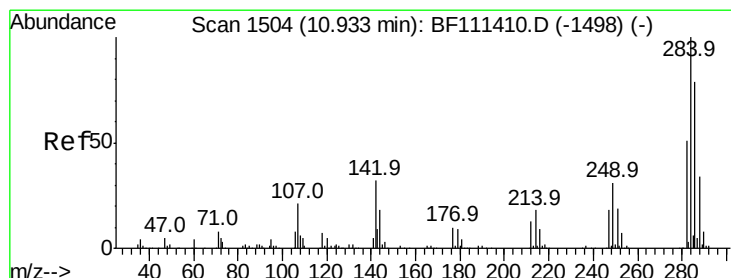
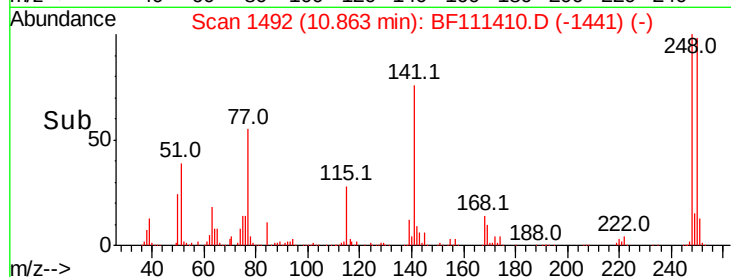
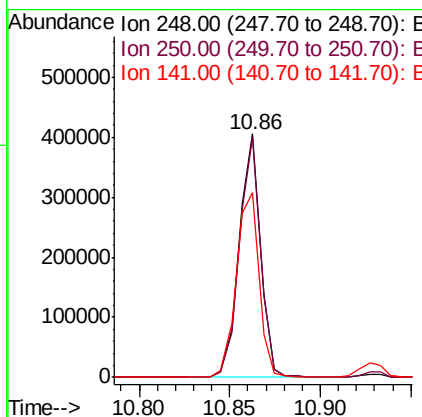
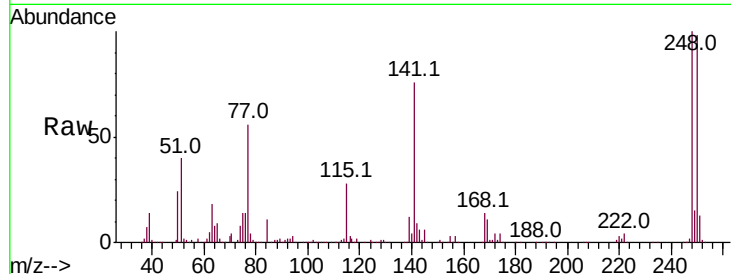




#67
4-Bromophenyl-phenylether
Concen: 37.574 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

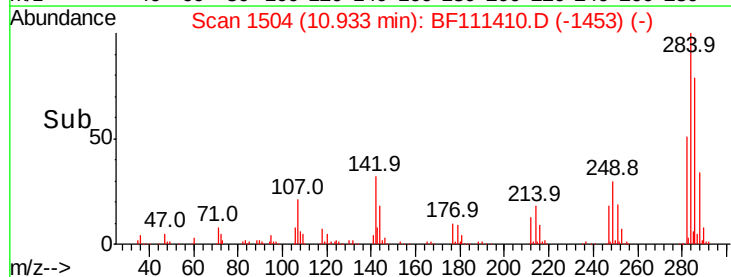
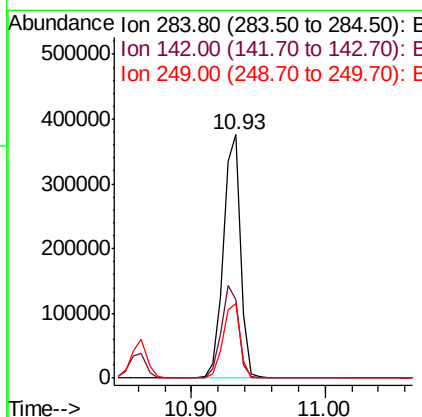
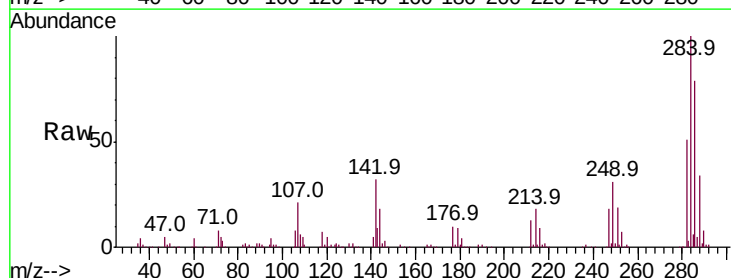
Instrument :
BNA_F
ClientSampled :

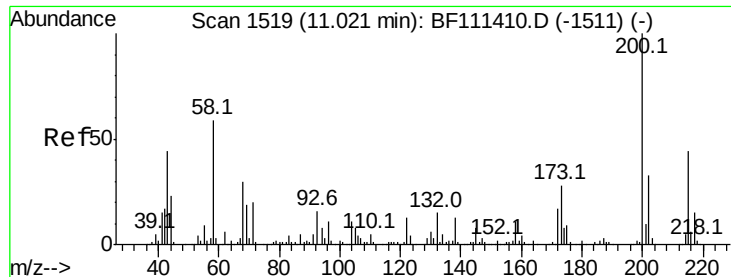
Tot Ion:248 Resp: 333462
Ion Ratio Lower Upper
248 100
250 98.5 77.0 115.4
141 75.9 63.0 94.6



#68
Hexachlorobenzene
Concen: 37.614 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:284 Resp: 343735
Ion Ratio Lower Upper
284 100
142 32.1 27.4 41.2
249 30.5 24.4 36.6

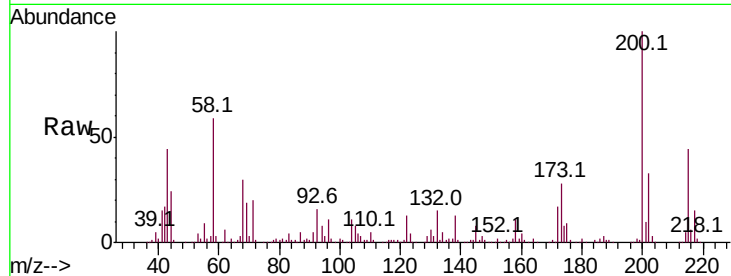




#69
Atrazine
Concen: 38.446 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	10.1	50.1
215	44.5	26.9	66.9

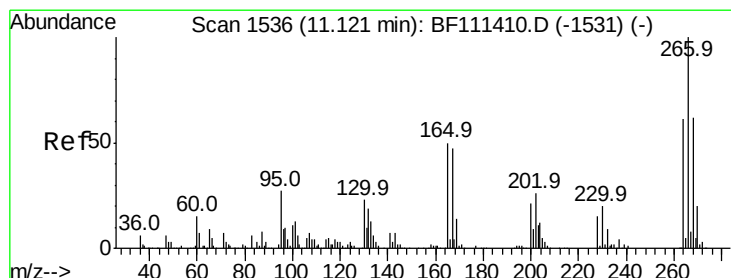
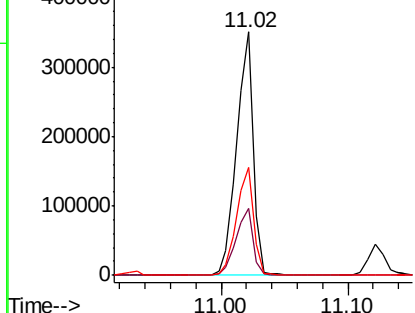
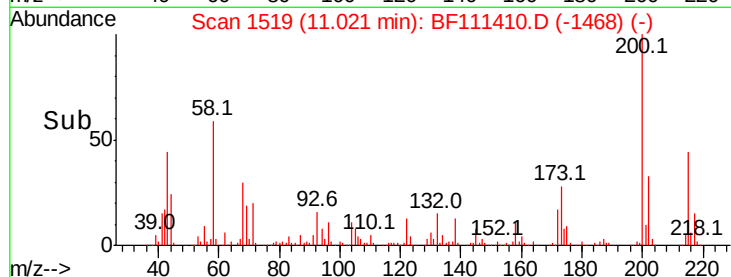


Abundance

Ion 200.00 (199.70 to 200.70): E

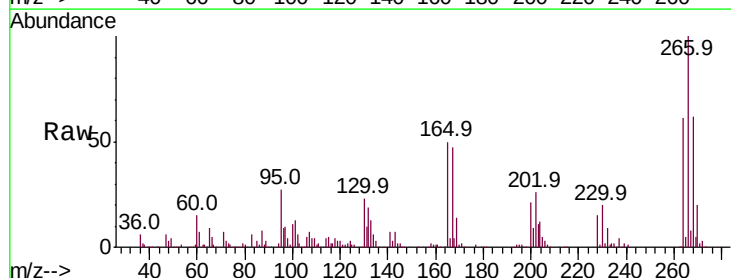
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 35.515 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	47.9	71.9
264	60.9	49.1	73.7

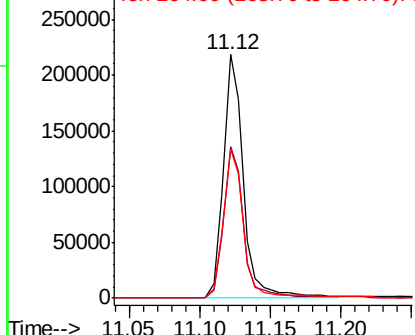
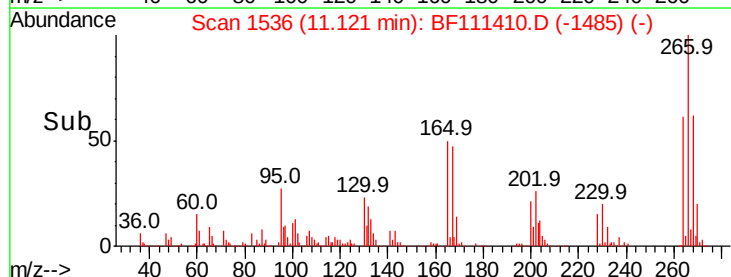


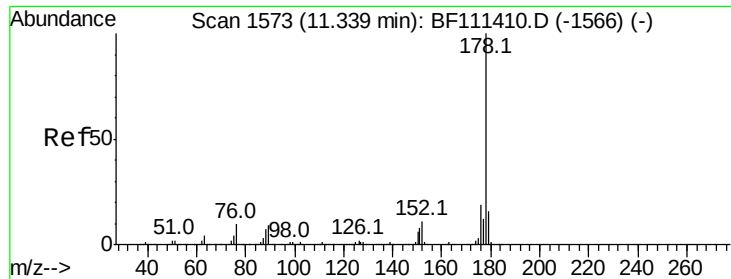
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

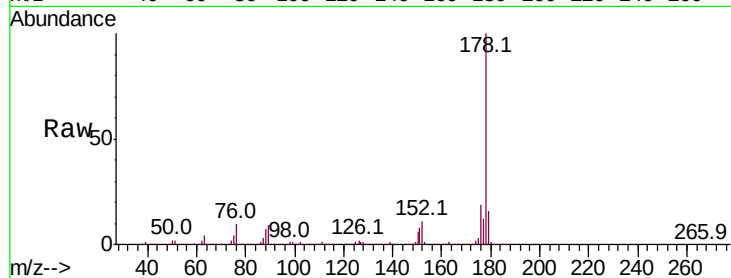




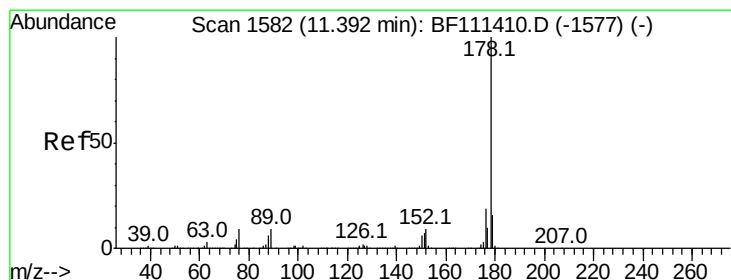
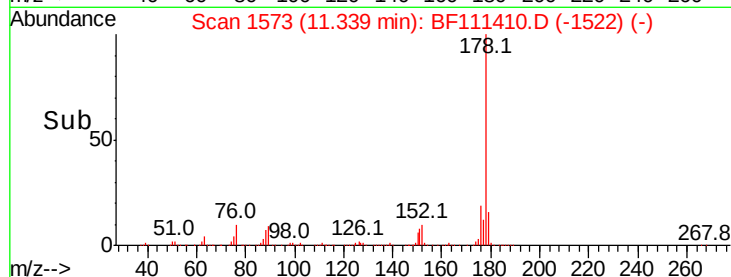
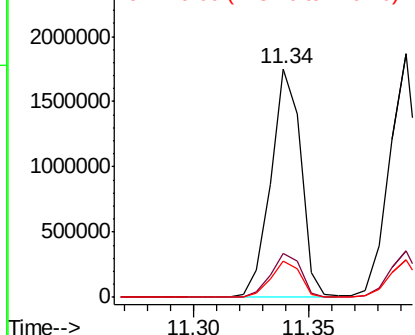
#71
Phenanthrene
Concen: 38.378 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1581358
Ion Ratio Lower Upper
178 100
176 19.5 18.1 27.1
179 16.0 14.0 21.0

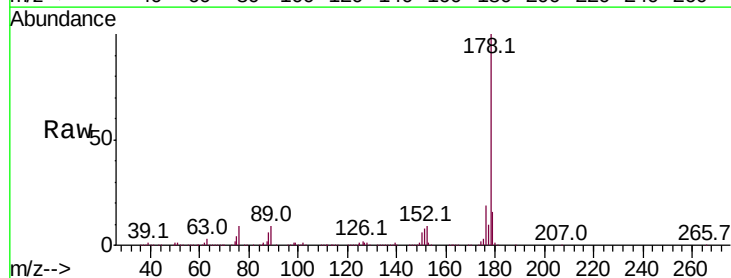


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

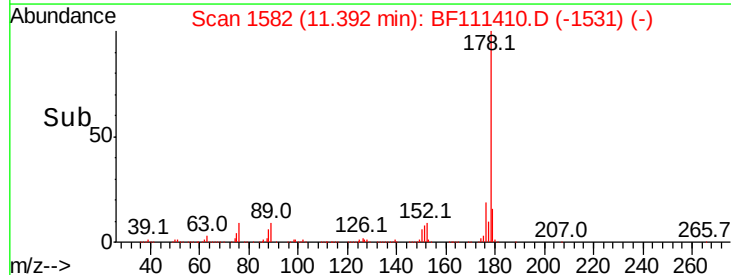
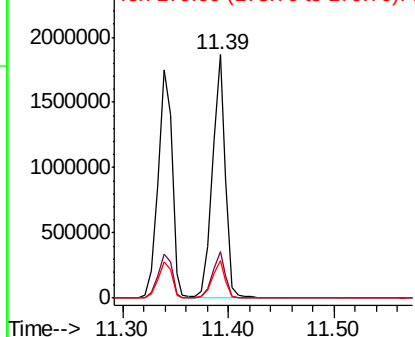


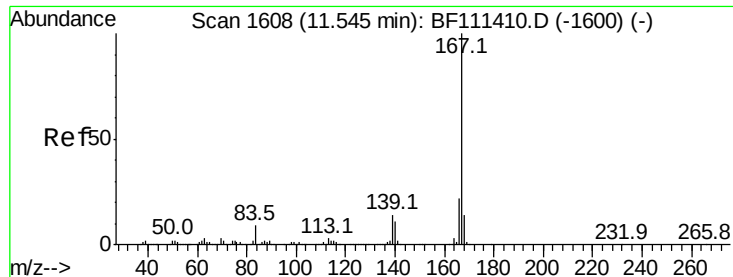
#72
Anthracene
Concen: 38.741 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion:178 Resp: 1625435
Ion Ratio Lower Upper
178 100
176 19.0 17.2 25.8
179 15.7 13.8 20.8



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

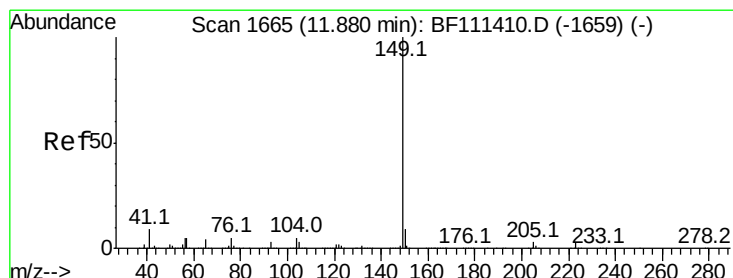
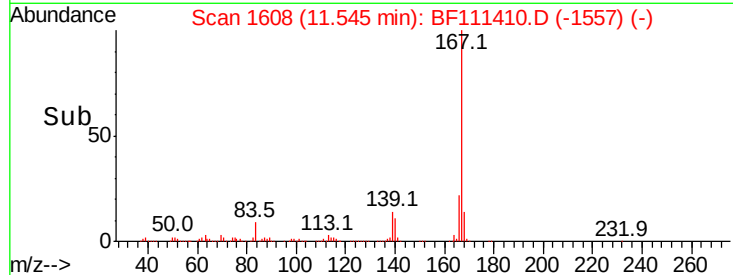
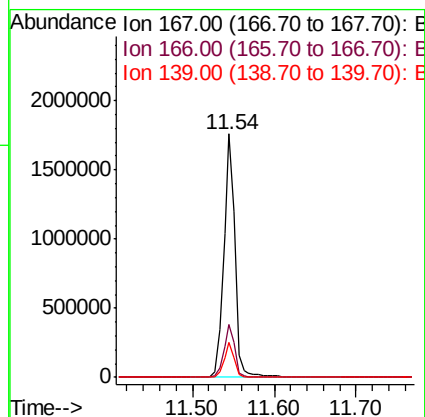
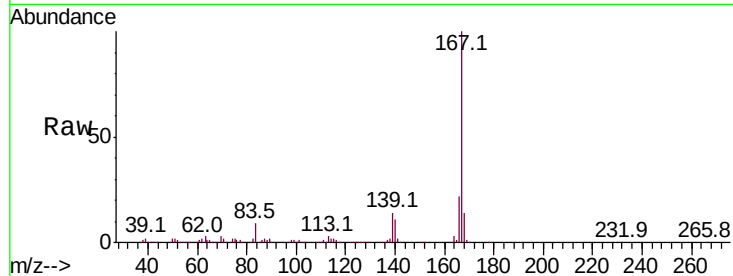




#73
 Carbazole
 Concen: 38.740 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

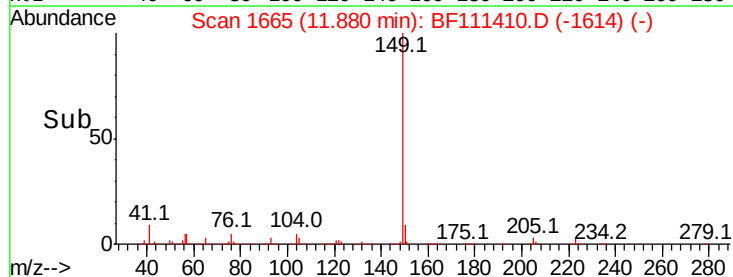
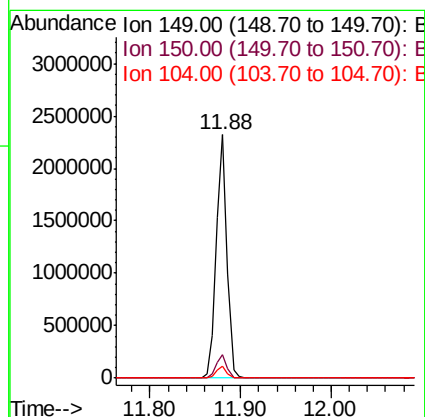
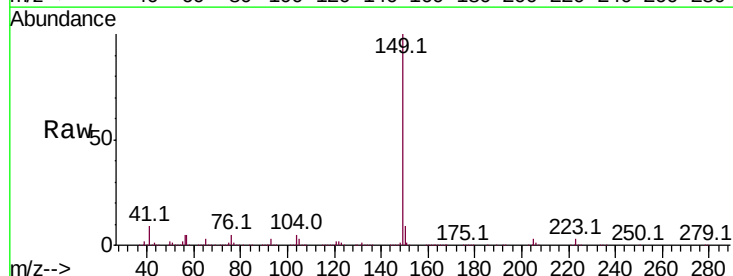
Instrument :
 BNA_F
 ClientSampleId :

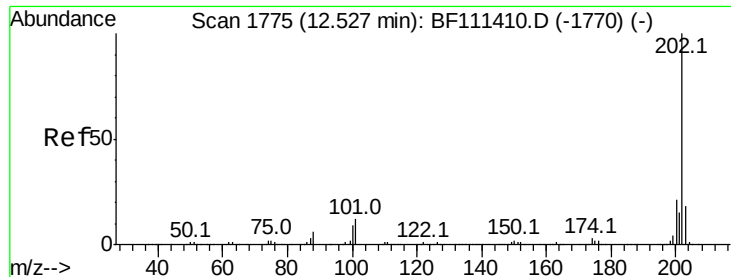
Tot Ion:167 Resp: 1680657
 Ion Ratio Lower Upper
 167 100
 166 21.9 19.3 28.9
 139 14.1 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 38.752 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion:149 Resp: 1914190
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.8 13.2
 104 4.8 4.5 6.7





#75

Fluoranthene

Concen: 39.668 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

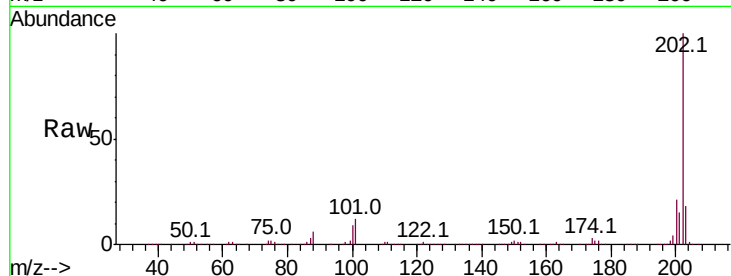
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1595690

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.8
203	17.9	0.0	38.6

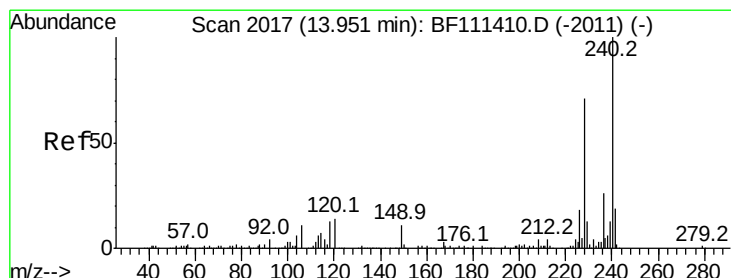
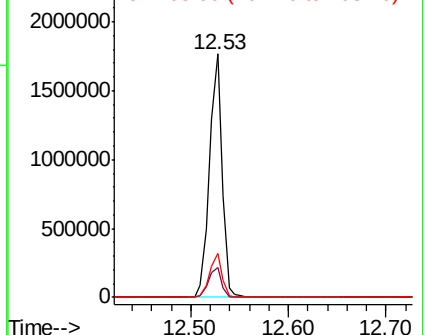
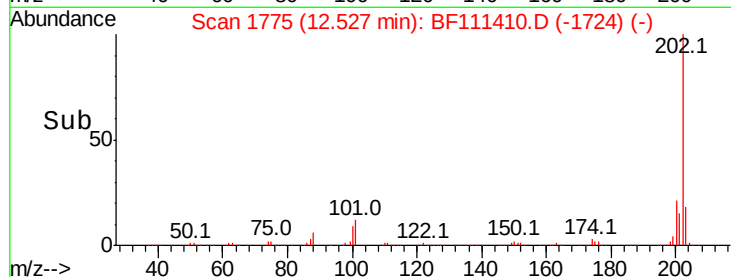


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

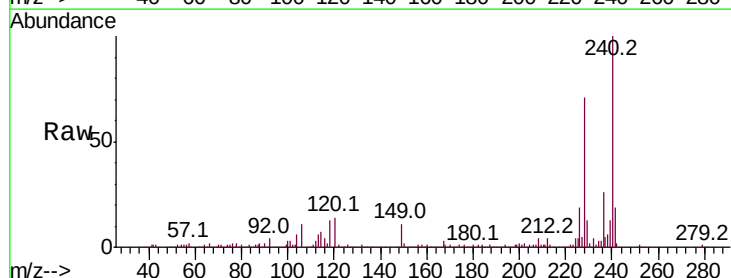
Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Tgt Ion:240 Resp: 596478

Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.2	18.2
236	25.6	20.2	30.2

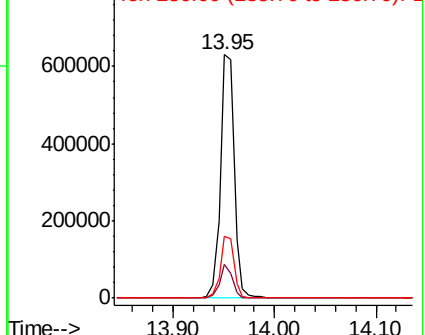
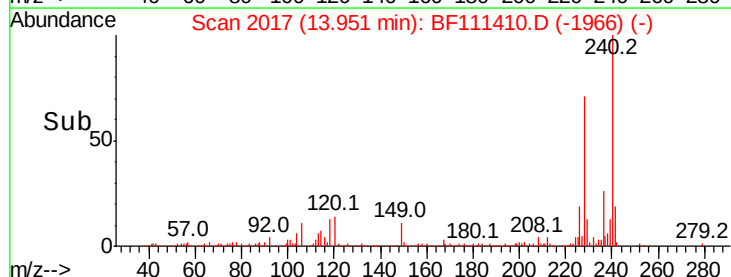


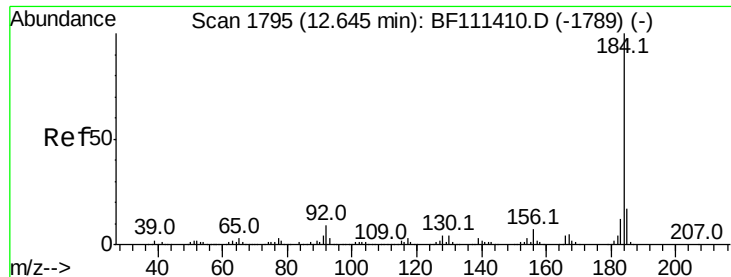
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.763 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampled :

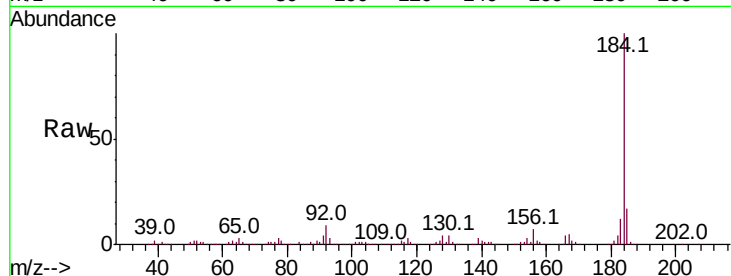
Tot Ion:184 Resp: 796541

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

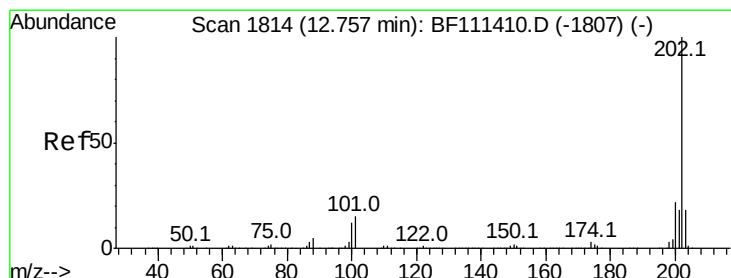
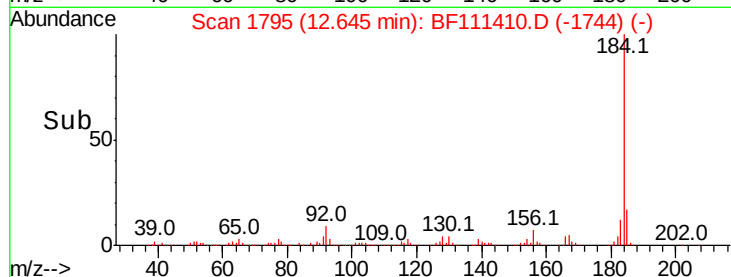
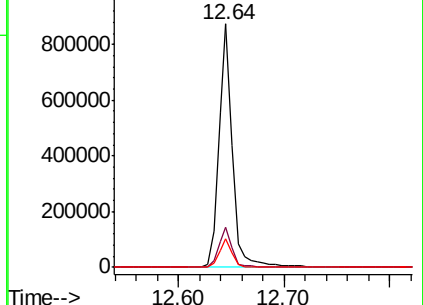
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.870 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

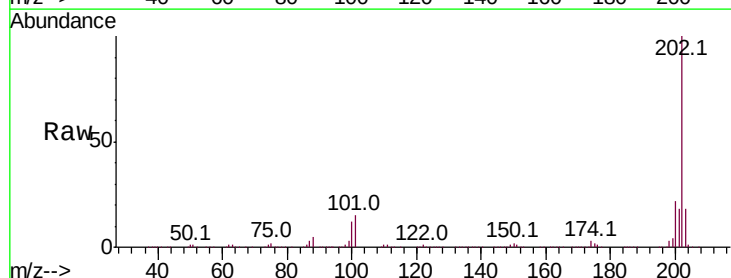
Tgt Ion:202 Resp: 1651265

Ion Ratio Lower Upper

202 100

200 21.7 19.0 28.4

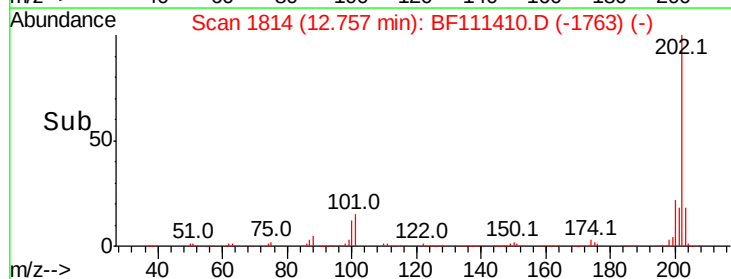
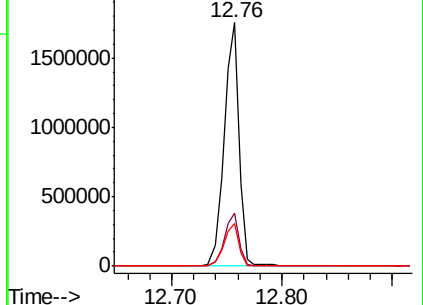
203 17.8 15.2 22.8

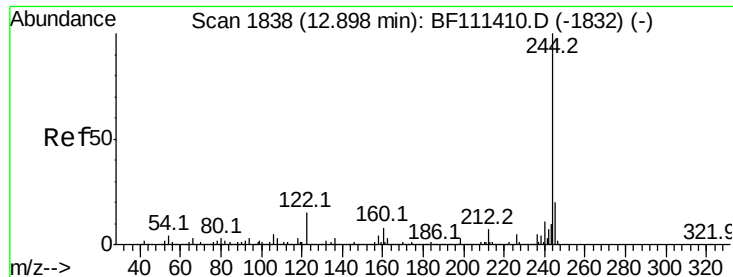


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.262 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampled :

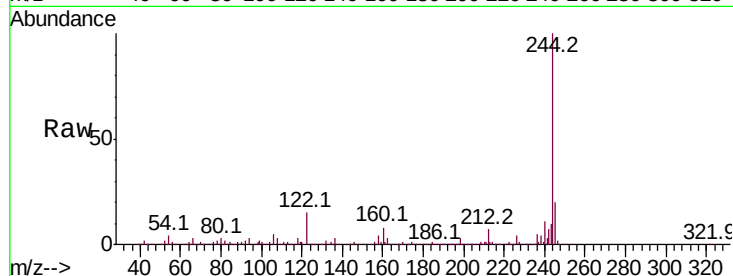
Tot Ion:244 Resp: 1958366

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

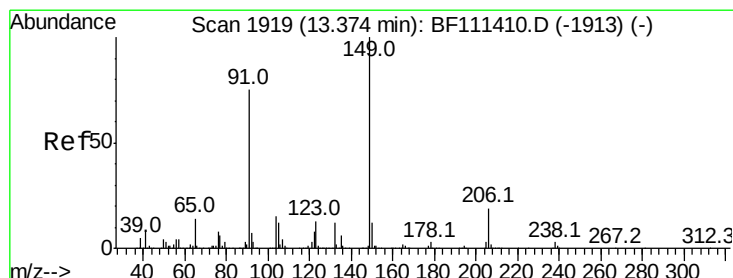
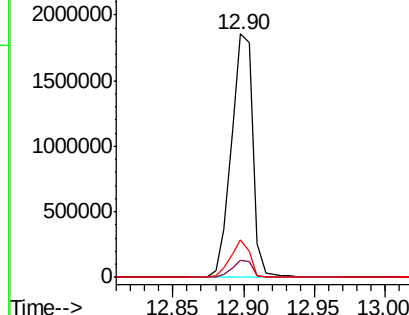
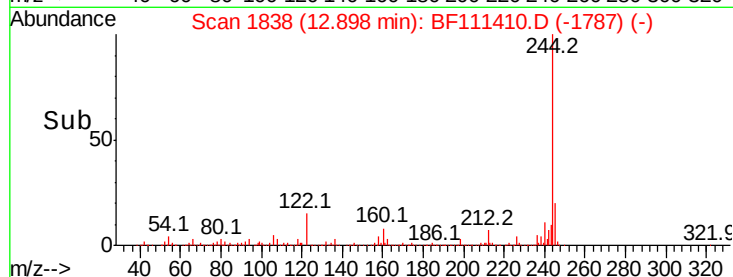
122 15.2 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.187 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

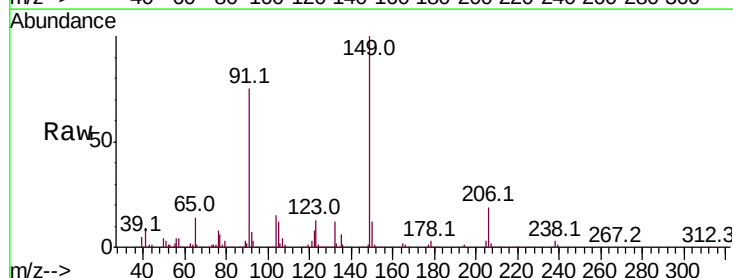
Tgt Ion:149 Resp: 799836

Ion Ratio Lower Upper

149 100

91 74.5 63.8 95.6

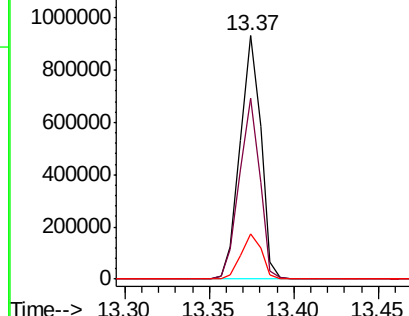
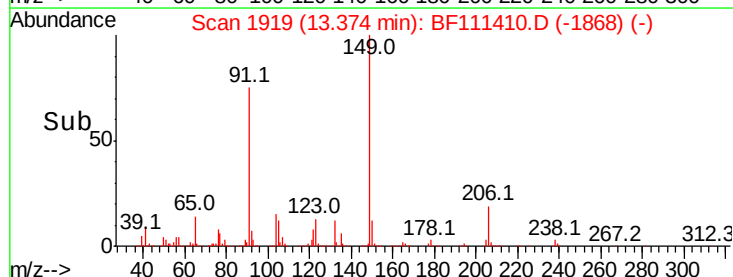
206 18.7 15.1 22.7

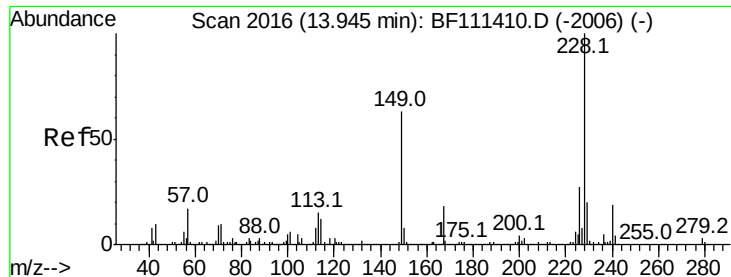


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.371 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampled :

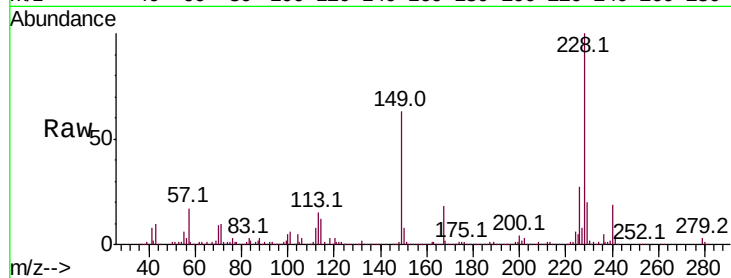
Tot Ion:228 Resp: 1247212

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

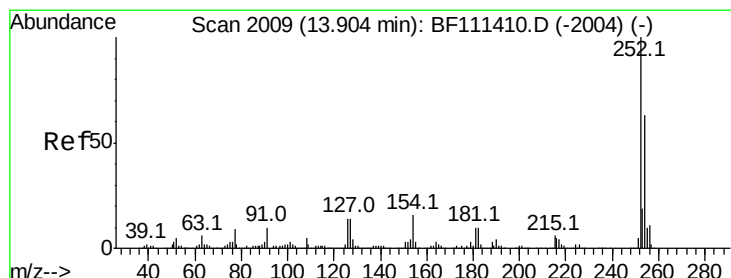
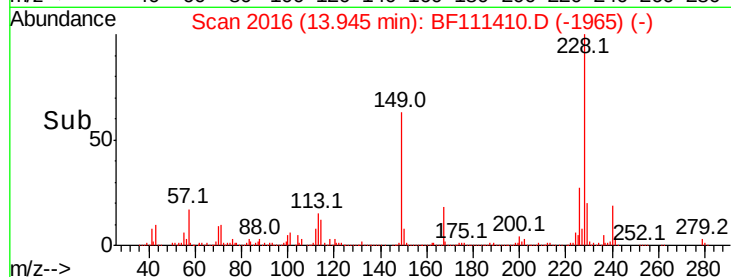
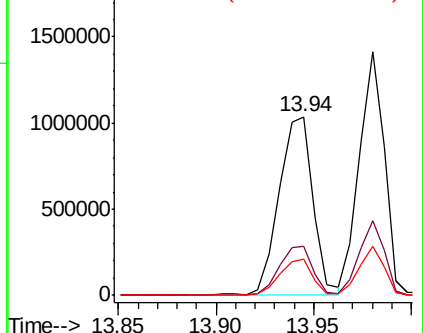
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.822 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

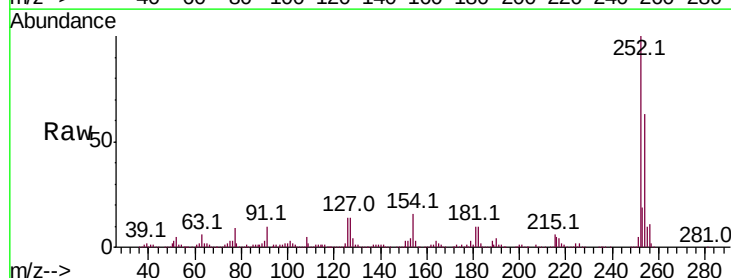
Tgt Ion:252 Resp: 502629

Ion Ratio Lower Upper

252 100

254 63.2 52.7 79.1

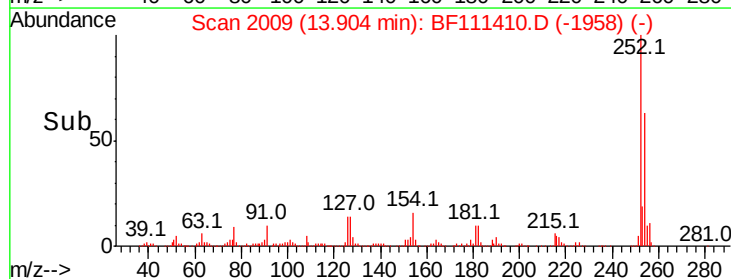
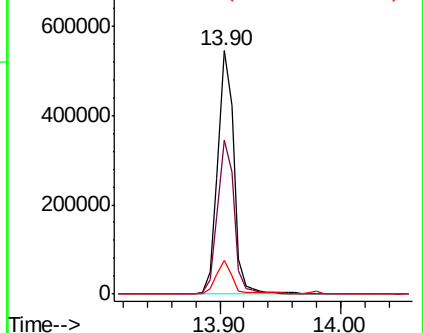
126 14.0 11.1 16.7

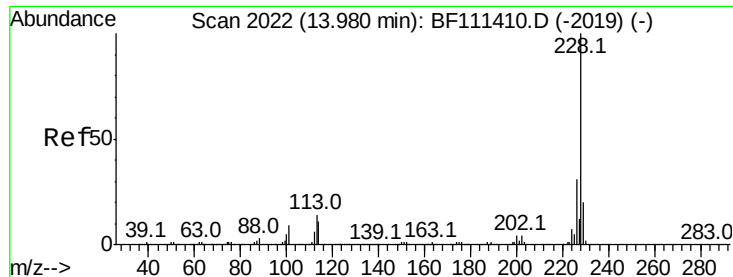


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

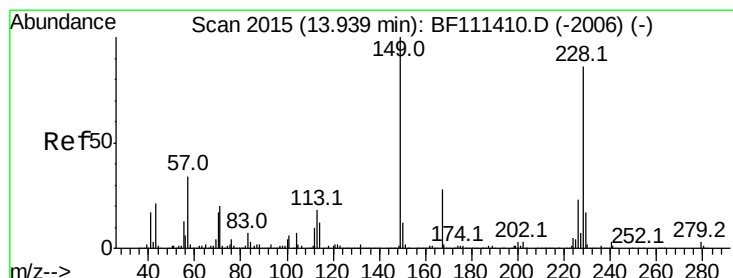
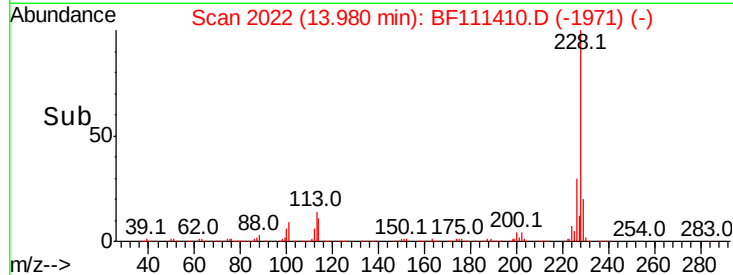
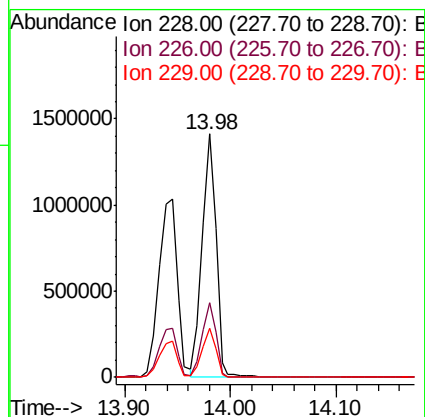
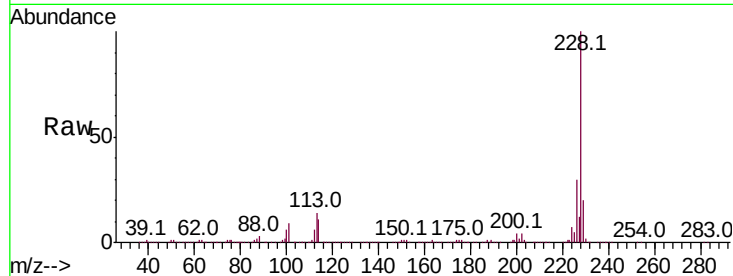




#83
 Chrysene
 Concen: 37.754 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

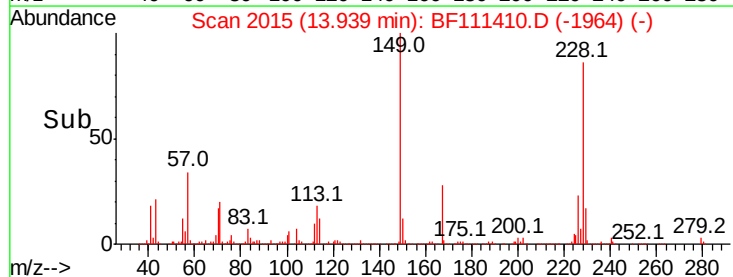
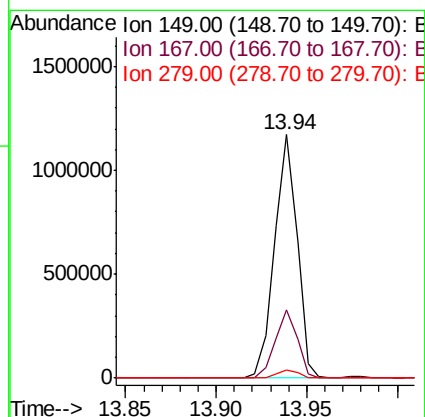
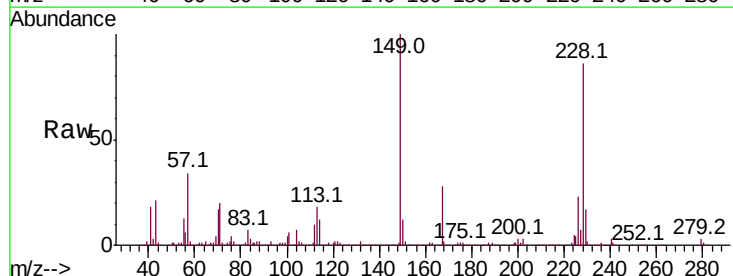
Instrument :
 BNA_F
 ClientSampleId :

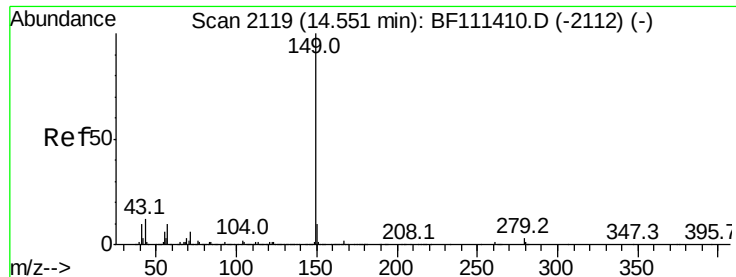
Tot Ion:228 Resp: 1285520
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.3 37.9
 229 20.2 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.607 ng
 RT: 13.94 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF111410.D
 Acq: 14 Dec 2018 11:07

Tgt Ion:149 Resp: 1016169
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.5 33.7
 279 3.4 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 38.592 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampled :

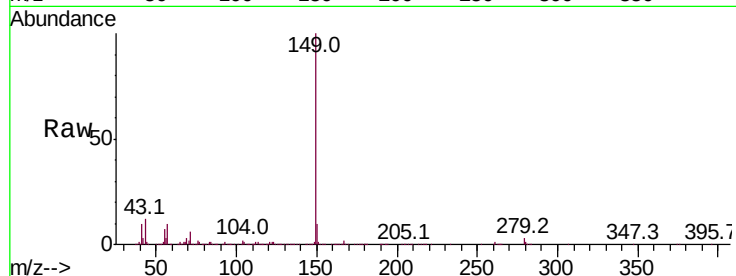
Tot Ion:149 Resp: 1712235

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

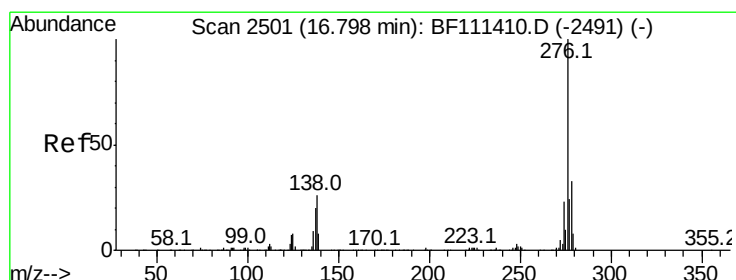
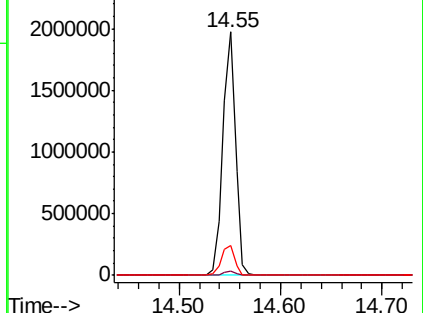
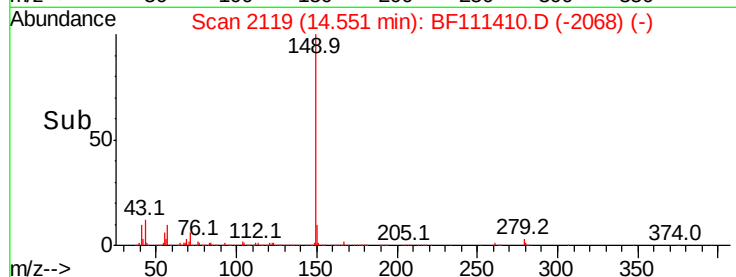
43 13.1 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.705 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

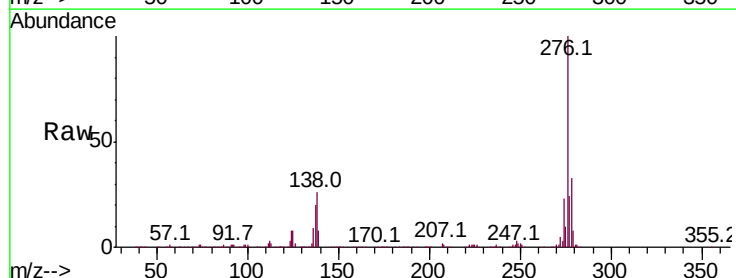
Tgt Ion:276 Resp: 817718

Ion Ratio Lower Upper

276 100

138 30.7 27.8 41.6

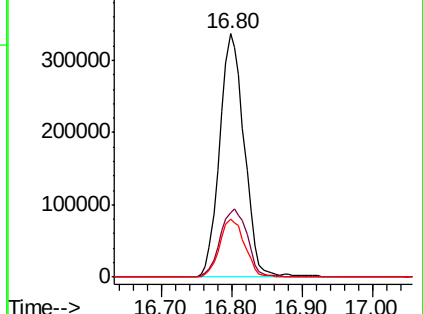
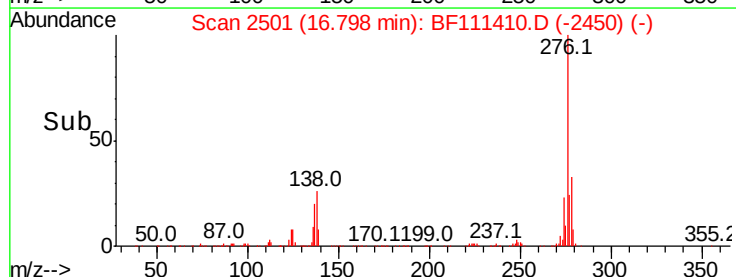
277 24.4 20.1 30.1

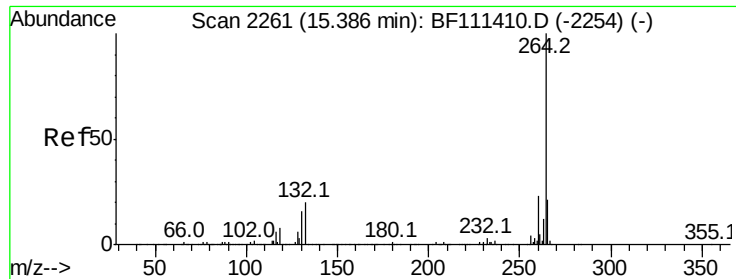


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

Instrument :

BNA_F

ClientSampleId :

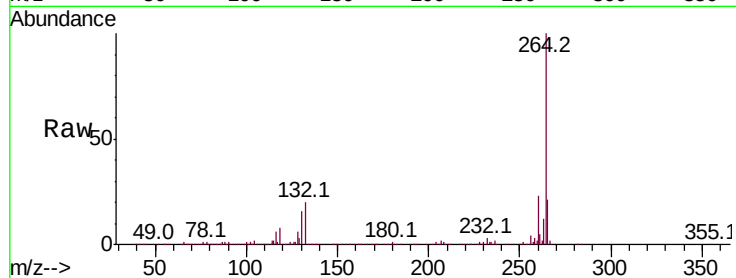
Tot Ion:264 Resp: 458220

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

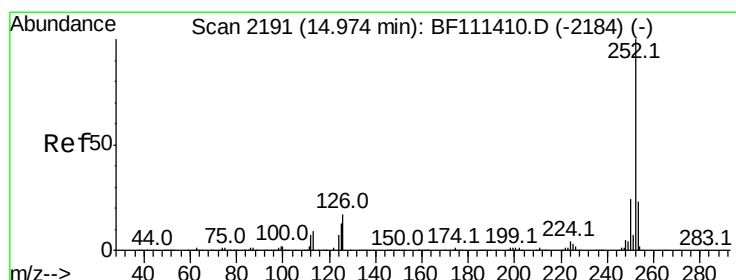
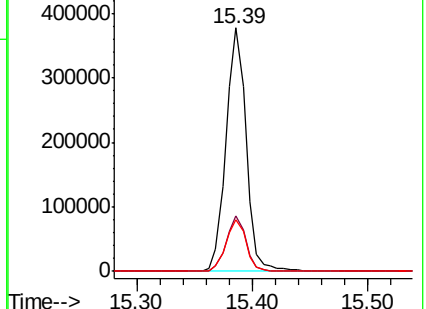
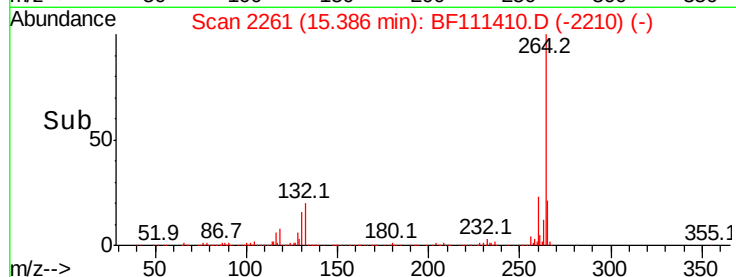
265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.021 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111410.D

Acq: 14 Dec 2018 11:07

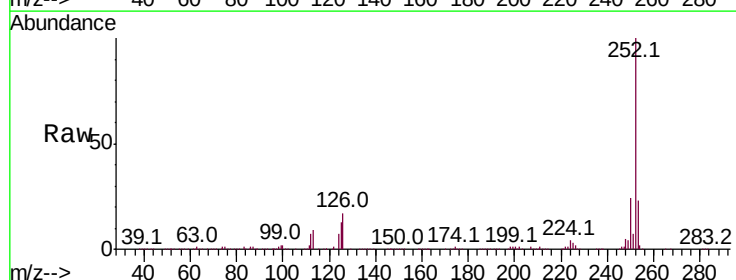
Tgt Ion:252 Resp: 1094899

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

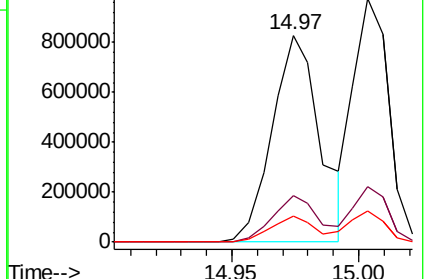
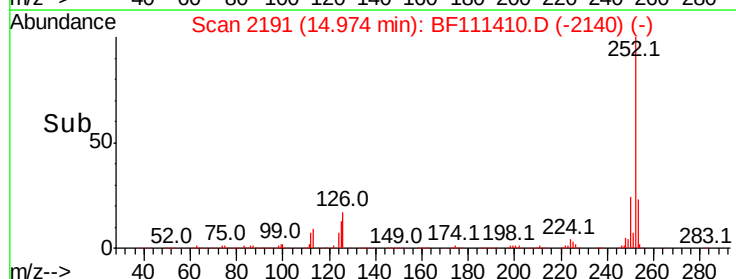
125 12.7 10.4 15.6

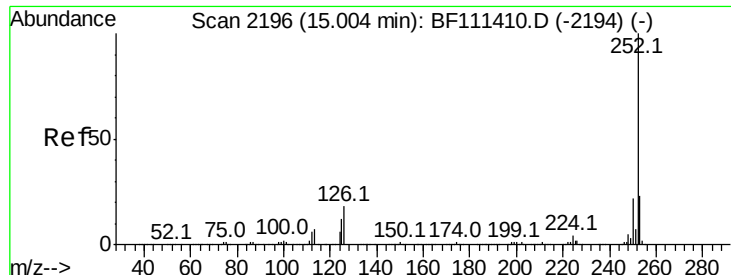


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

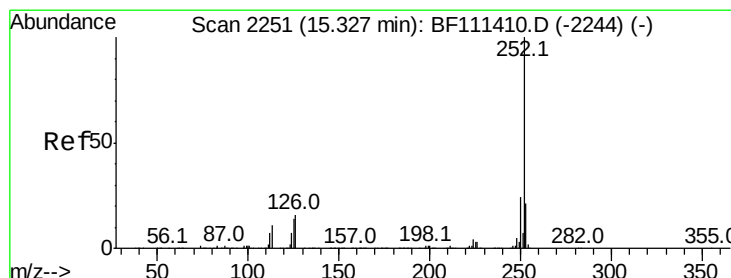
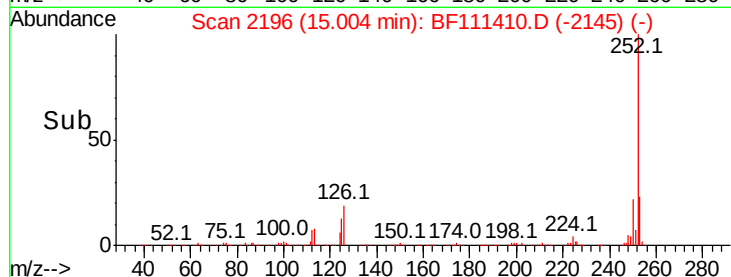
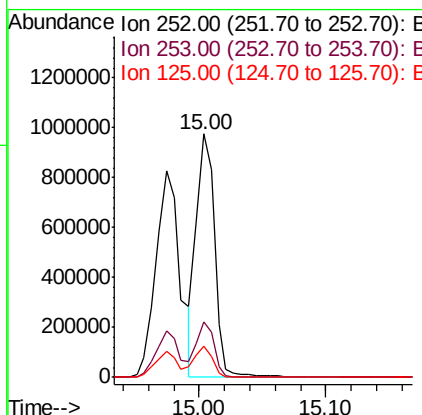
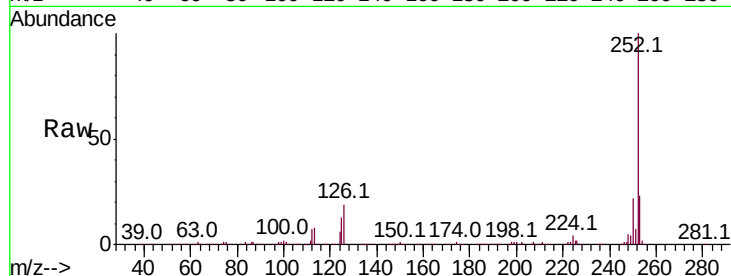




#89
Benzo(k)fluoranthene
Concen: 37.137 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

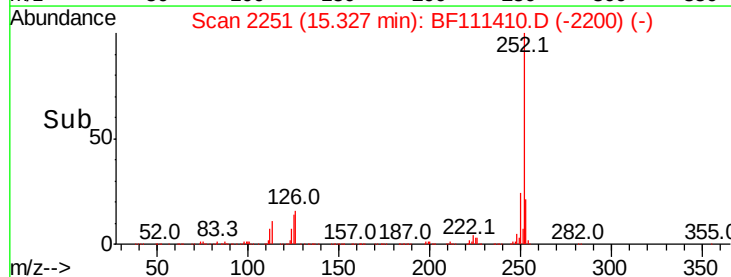
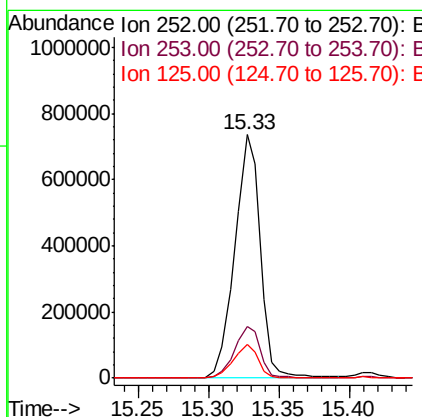
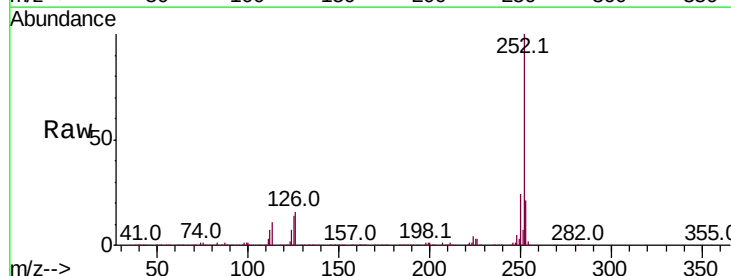
Instrument :
BNA_F
ClientSampleId :

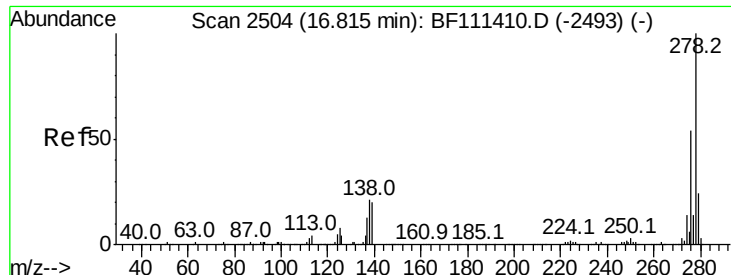
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.7	9.8	14.8



#90
Benzo(a)pyrene
Concen: 38.271 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	13.8	12.3	18.5

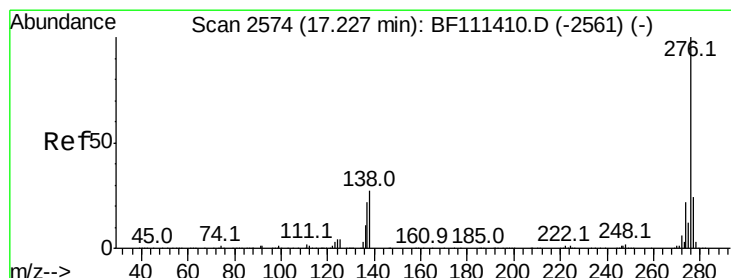
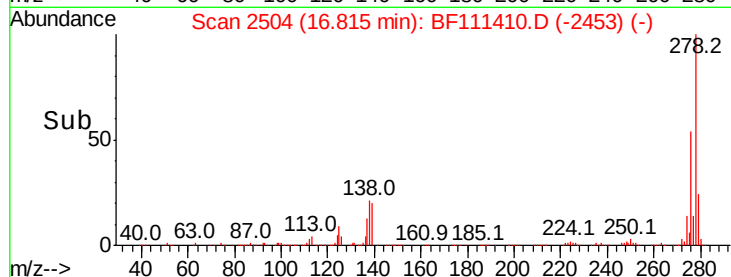
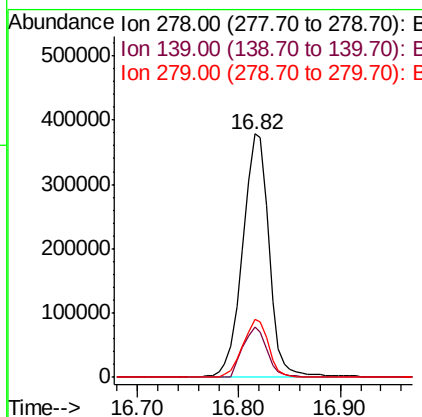
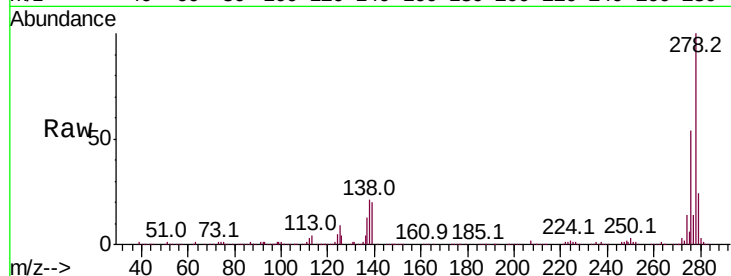




#91
Dibenzo(a,h)anthracene
Concen: 34.054 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.5	18.2	27.4
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 32.721 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111410.D
Acq: 14 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	26.6	24.9	37.3

