

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110631.D
 Acq On : 9 Nov 2018 16:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:22:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81358	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	346290	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	163607	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	303941	20.00	ng	0.00
76) Chrysene-d12	14.14	240	219339	20.00	ng	0.00
87) Perylene-d12	15.66	264	151447	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	405103	80.88	ng	0.00
7) Phenol-d6	6.57	99	514454	80.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	480623	79.93	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	130122	78.93	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	887088	77.44	ng	0.00
79) Terphenyl-d14	13.07	244	893807	76.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	98846	39.608	ng	92
3) Pyridine	3.57	79	224698	41.712	ng	# 86
4) n-Nitrosodimethylamine	3.53	42	96225	41.631	ng	93
6) Aniline	6.62	93	328898	39.376	ng	# 53
8) 2-Chlorophenol	6.73	128	233669	39.796	ng	99
9) Benzaldehyde	6.50	77	139096	40.586	ng	97
10) Phenol	6.59	94	296568	39.932	ng	# 66
11) bis(2-Chloroethyl)ether	6.68	93	218304	39.222	ng	93
12) 1,3-Dichlorobenzene	6.89	146	256157	39.872	ng	99
13) 1,4-Dichlorobenzene	6.96	146	256997	39.393	ng	98
14) 1,2-Dichlorobenzene	7.12	146	241689	39.824	ng	98
15) Benzyl Alcohol	7.09	79	204028	40.705	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	351177	40.177	ng	69
17) 2-Methylphenol	7.19	107	185712	39.741	ng	# 82
18) Hexachloroethane	7.46	117	94660	39.303	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	162185	39.669	ng	95
20) 3+4-Methylphenols	7.35	107	240995	40.174	ng	92
22) Acetophenone	7.36	105	320818	39.752	ng	# 93
24) Nitrobenzene	7.53	77	245970	39.925	ng	96
25) Isophorone	7.77	82	394541	40.033	ng	97
26) 2-Nitrophenol	7.85	139	125941	40.977	ng	99
27) 2,4-Dimethylphenol	7.87	122	188330	40.235	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	264551	39.646	ng	99
29) 2,4-Dichlorophenol	8.09	162	192987	40.070	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	213516	39.320	ng	96
31) Naphthalene	8.25	128	647163	39.810	ng	100
32) Benzoic acid	8.01	122	140557	42.441	ng	93
33) 4-Chloroaniline	8.30	127	285964	38.835	ng	99
34) Hexachlorobutadiene	8.36	225	120639	38.895	ng	99
35) Caprolactam	8.69	113	66568	41.369	ng	95
36) 4-Chloro-3-methylphenol	8.78	107	207895	40.023	ng	96
37) 2-Methylnaphthalene	8.95	142	423419	39.732	ng	98
38) 1-Methylnaphthalene	9.05	142	404237	39.442	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	205552	39.691	ng	99

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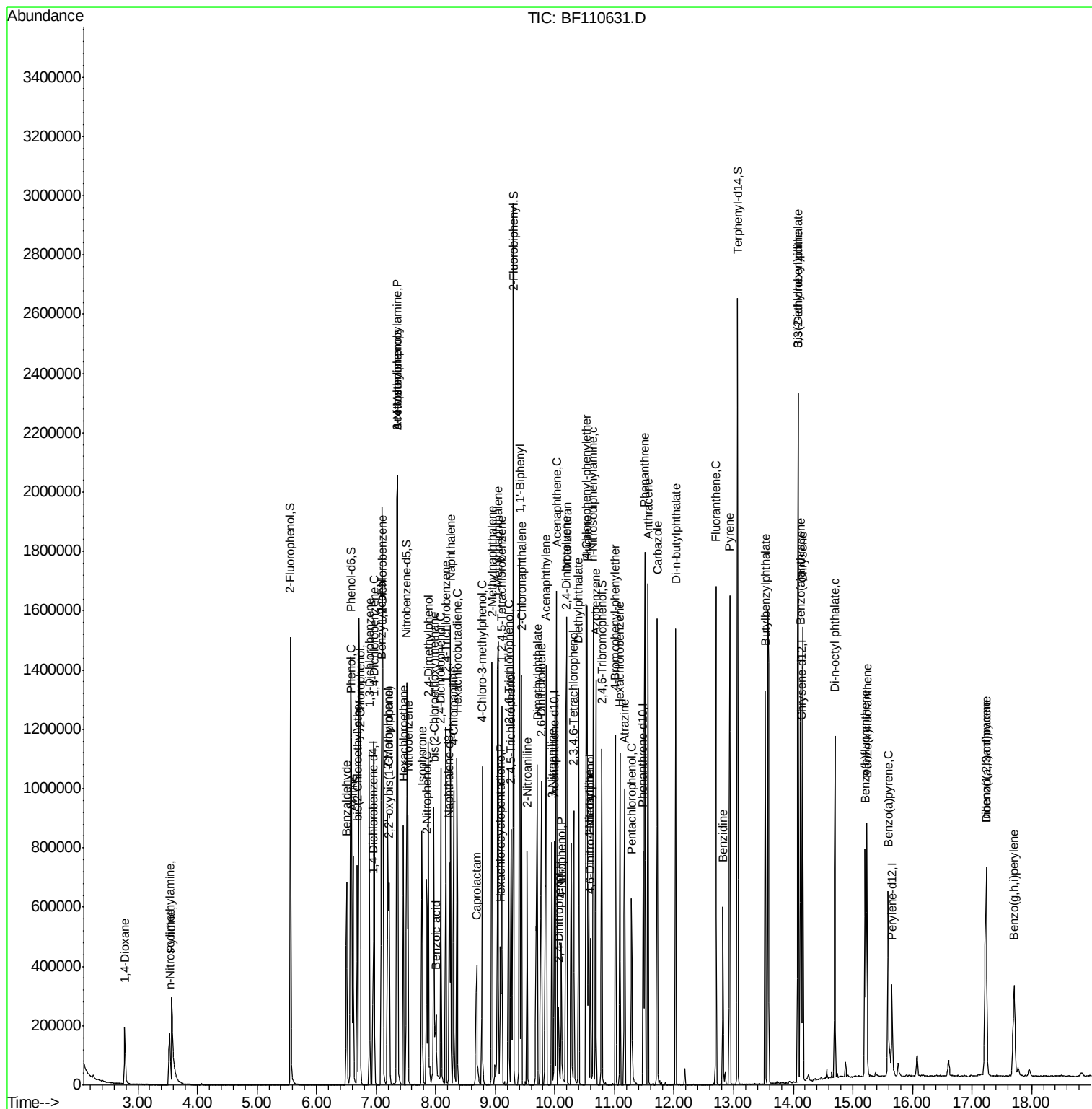
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	57985	33.609	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	130236	40.019	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	140216	40.392	ng	93
46) 1,1'-Biphenyl	9.41	154	599336	39.269	ng	99
47) 2-Chloronaphthalene	9.44	162	438615	39.891	ng	99
48) 2-Nitroaniline	9.53	65	138849	40.978	ng	98
49) Acenaphthylene	9.85	152	626611	39.571	ng	98
50) Dimethylphthalate	9.70	163	479822	39.304	ng	100
51) 2,6-Dinitrotoluene	9.77	165	110148	41.016	ng	99
52) Acenaphthene	10.03	154	394461	39.418	ng	98
53) 3-Nitroaniline	9.95	138	125835	40.445	ng	90
54) 2,4-Dinitrophenol	10.06	184	34219	34.809	ng	93
55) Dibenzofuran	10.20	168	575731	39.323	ng	97
56) 4-Nitrophenol	10.11	139	85194	41.274	ng	89
57) 2,4-Dinitrotoluene	10.19	165	142108	40.698	ng	92
58) Fluorene	10.54	166	440490	39.169	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	110898	40.609	ng	94
60) Diethylphthalate	10.40	149	475787	39.394	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	229134	39.352	ng	97
62) 4-Nitroaniline	10.57	138	126212	40.284	ng	91
63) Azobenzene	10.69	77	472982	40.140	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	56448	36.850	ng	88
66) n-Nitrosodiphenylamine	10.65	169	412559	40.270	ng	98
67) 4-Bromophenyl-phenylether	11.02	248	134387	40.006	ng	# 89
68) Hexachlorobenzene	11.09	284	142161	40.141	ng	96
69) Atrazine	11.17	200	117962	37.658	ng	98
70) Pentachlorophenol	11.29	266	75527	39.967	ng	97
71) Phenanthrene	11.51	178	644561	39.583	ng	100
72) Anthracene	11.56	178	653159	39.763	ng	99
73) Carbazole	11.72	167	634654	40.231	ng	100
74) Di-n-butylphthalate	12.03	149	734173	39.687	ng	98
75) Fluoranthene	12.70	202	651347	39.898	ng	98
77) Benzidine	12.82	184	245890	40.765	ng	97
78) Pyrene	12.93	202	659931	39.076	ng	99
80) Butylbenzylphthalate	13.53	149	292839	40.286	ng	97
81) Benzo(a)anthracene	14.13	228	516632	39.407	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	173279	39.455	ng	99
83) Chrysene	14.16	228	483490	38.710	ng	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	365183	40.498	ng	97
85) Di-n-octyl phthalate	14.70	149	550443	41.510	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	334693	37.343	ng	97
88) Benzo(b)fluoranthene	15.20	252	383016	42.275	ng	100
89) Benzo(k)fluoranthene	15.24	252	347998	38.872	ng	99
90) Benzo(a)pyrene	15.60	252	330380	40.135	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	281084	40.350	ng	98
92) Benzo(g,h,i)perylene	17.71	276	277973	40.218	ng	97

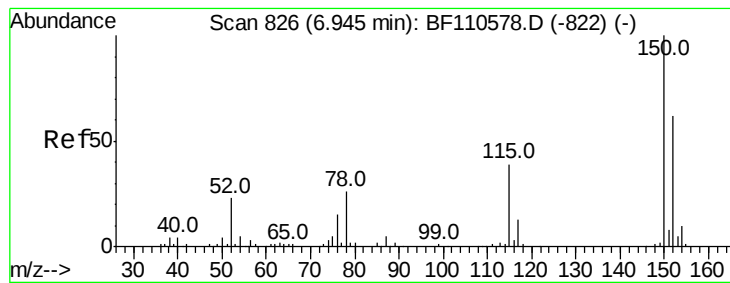
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

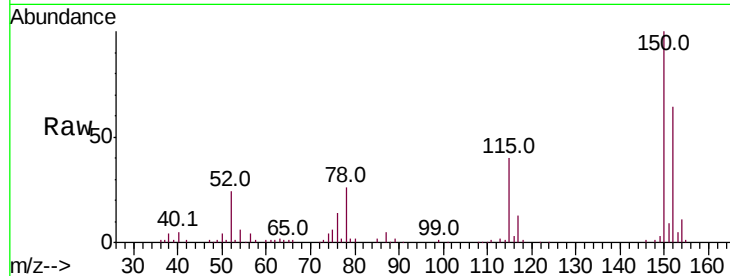
Tot Ion:152 Resp: 81358

Ion Ratio Lower Upper

152 100

150 155.8 122.7 184.1

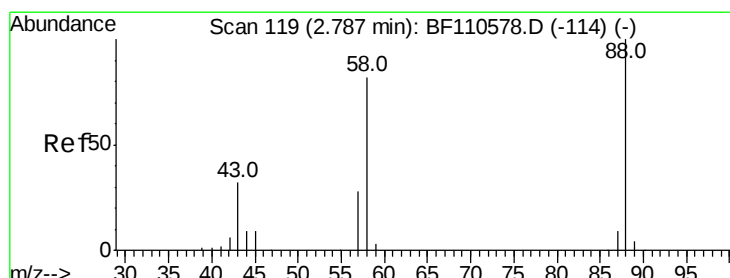
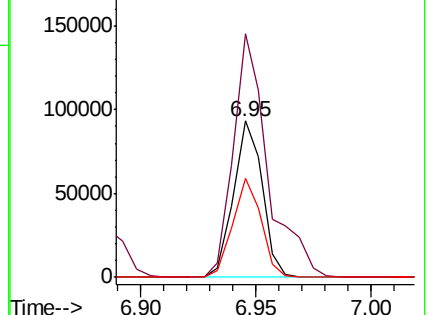
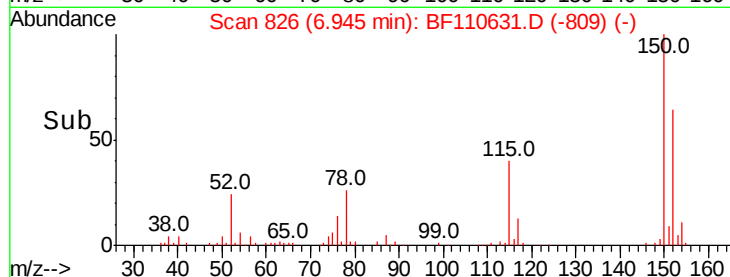
115 63.0 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.608 ng

RT: 2.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

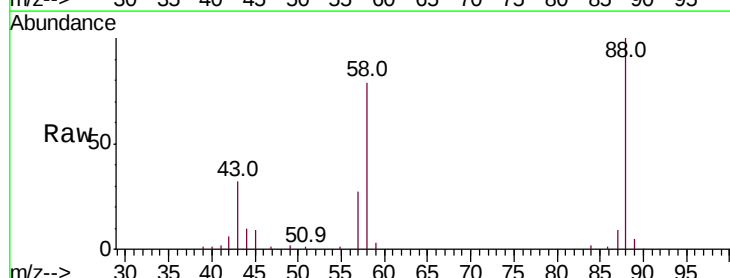
Tgt Ion: 88 Resp: 98846

Ion Ratio Lower Upper

88 100

58 79.1 57.1 85.7

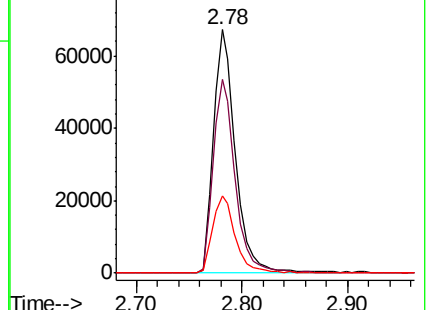
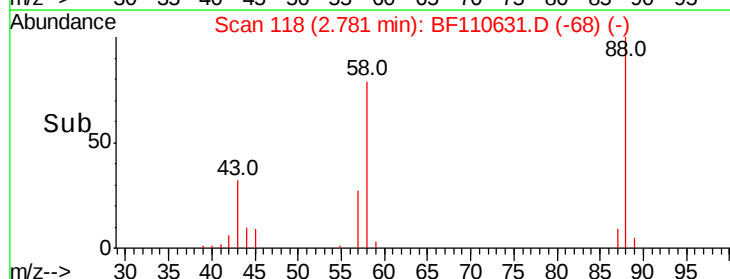
43 32.5 24.1 36.1

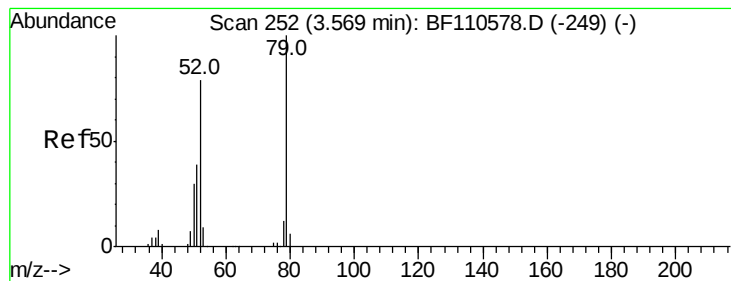


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.712 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

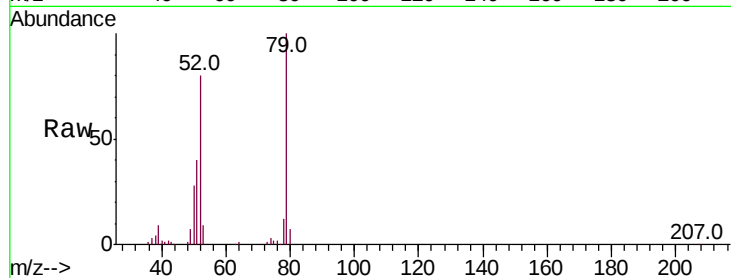
Tot Ion: 79 Resp: 224698

Ion Ratio Lower Upper

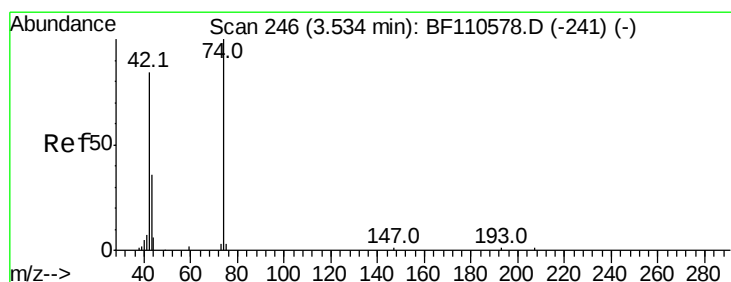
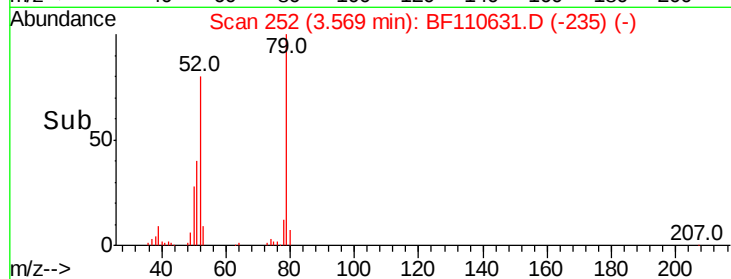
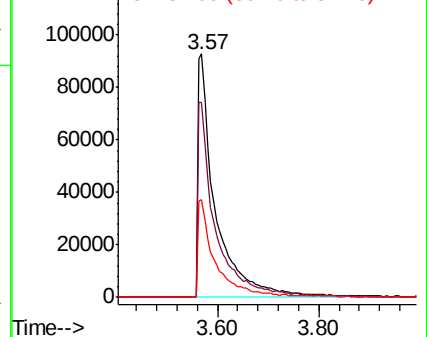
79 100

52 79.9 53.1 79.7#

51 39.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.631 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

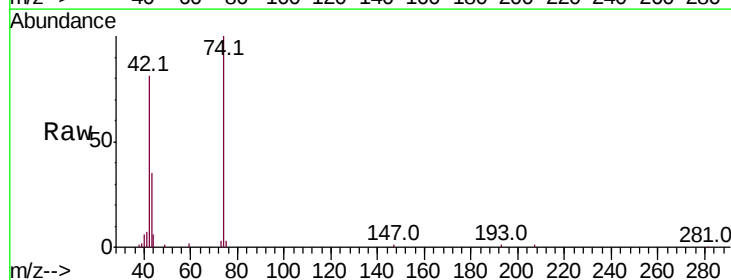
Tgt Ion: 42 Resp: 96225

Ion Ratio Lower Upper

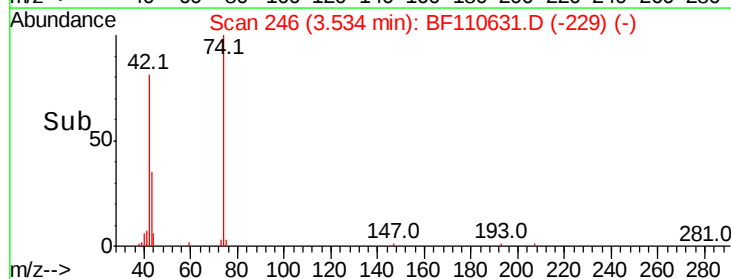
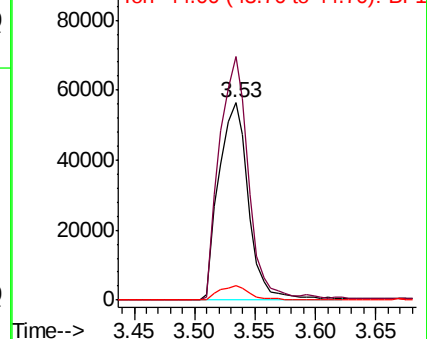
42 100

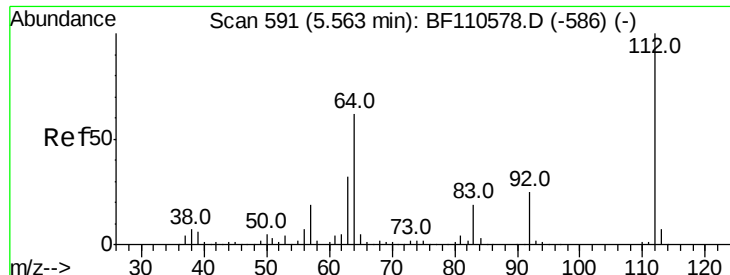
74 123.6 105.5 158.3

44 7.2 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.879 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampled :

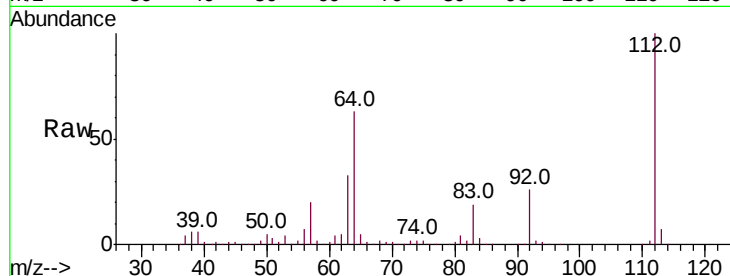
Tot Ion:112 Resp: 405103

Ion Ratio Lower Upper

112 100

64 62.5 44.1 66.1

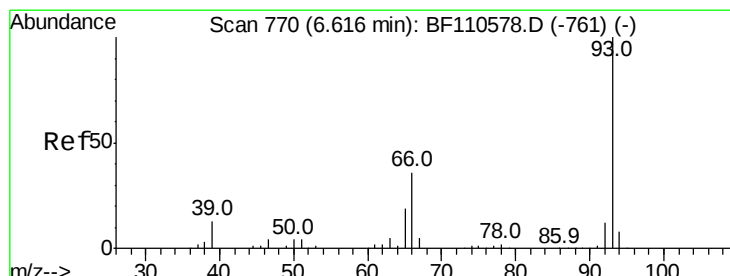
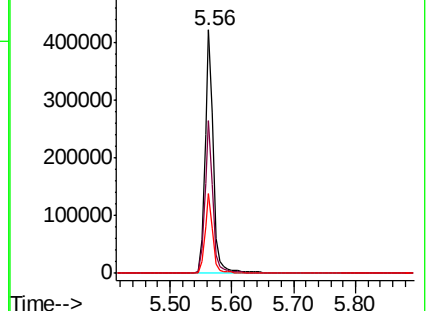
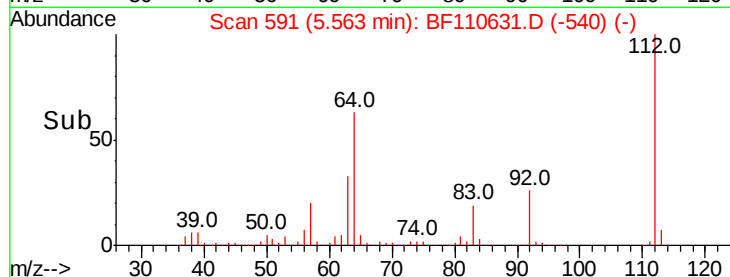
63 32.9 23.7 35.5



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: 39.376 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

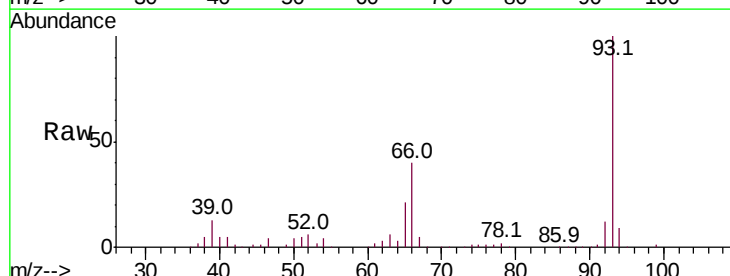
Tgt Ion: 93 Resp: 328898

Ion Ratio Lower Upper

93 100

66 39.9 67.4 101.0#

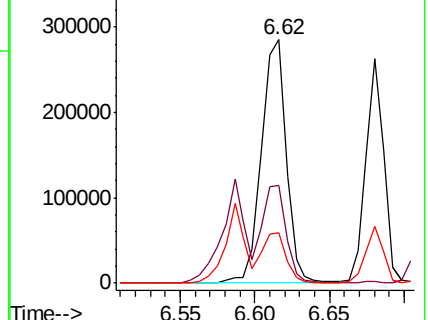
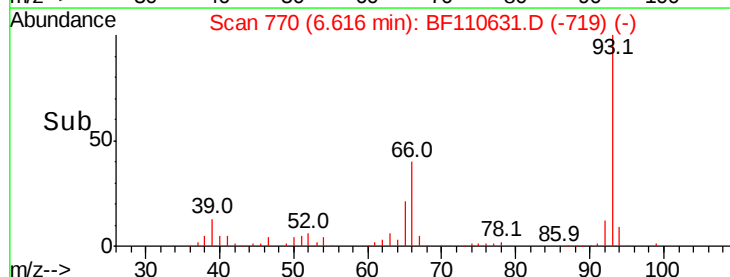
65 20.9 41.0 61.4#

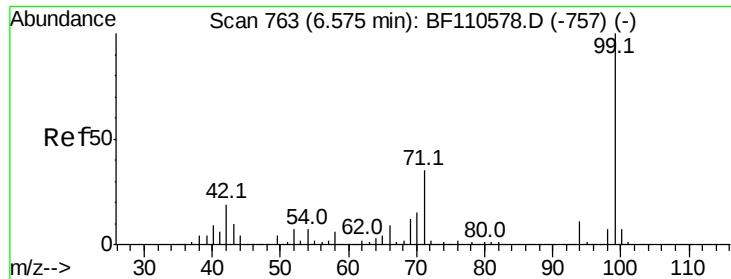


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.321 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110631.D

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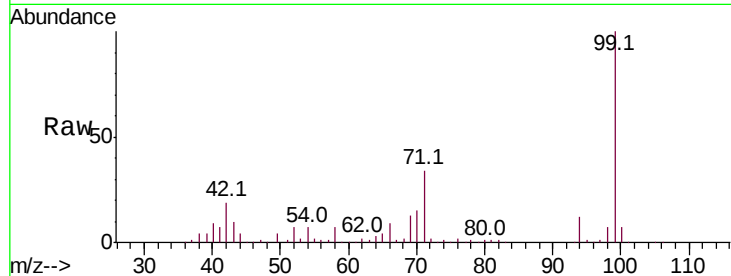
Tot Ion: 99 Resp: 514454

Ion Ratio Lower Upper

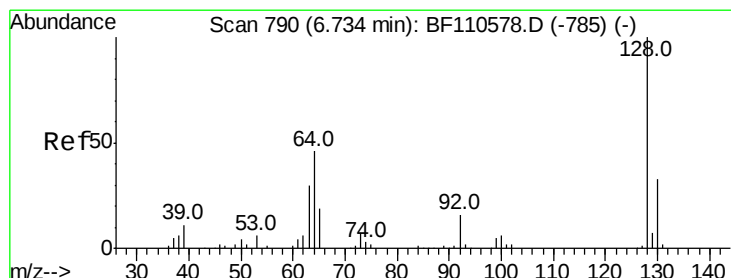
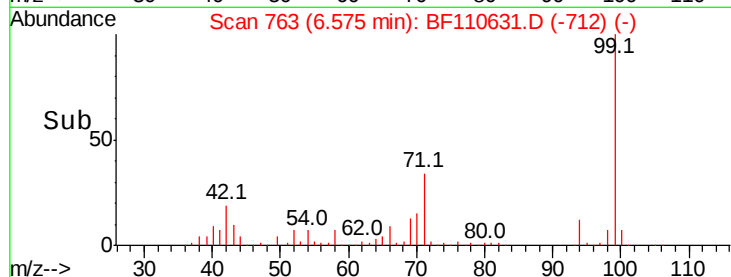
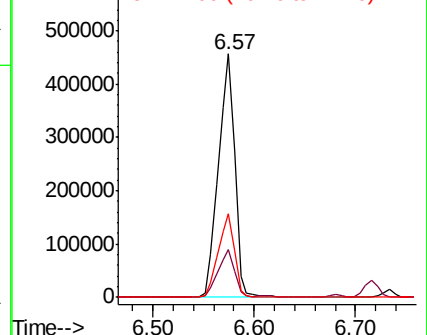
99 100

42 19.5 15.8 23.6

71 34.4 28.0 42.0



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: 39.796 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

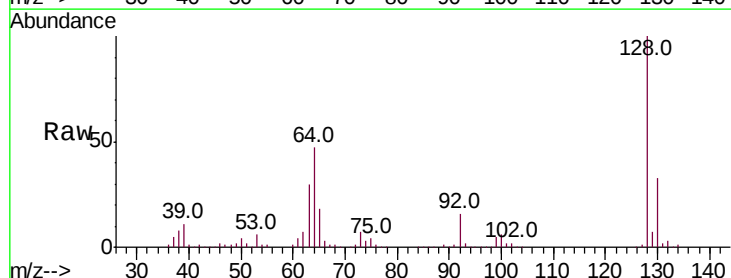
Tgt Ion: 128 Resp: 233669

Ion Ratio Lower Upper

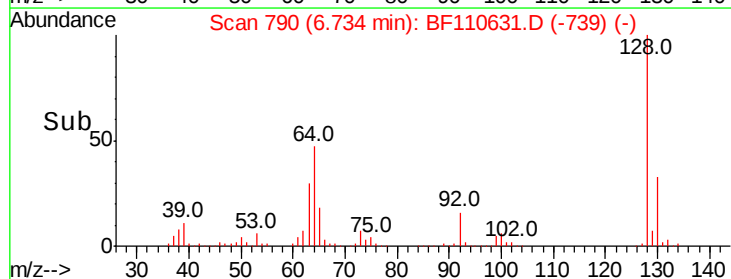
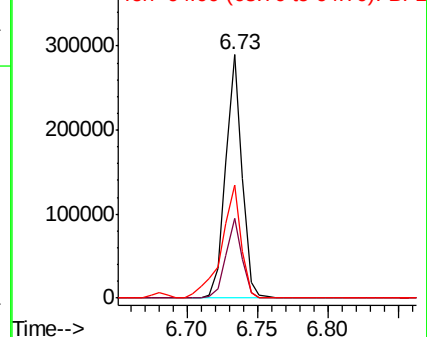
128 100

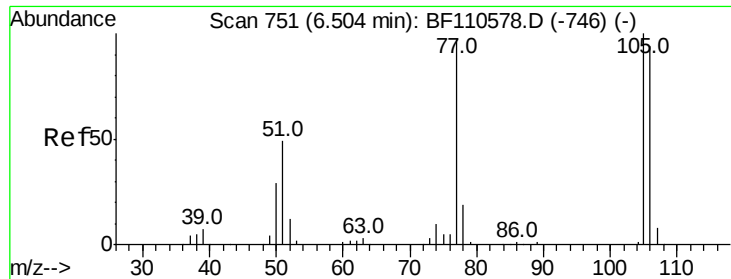
130 32.9 13.1 53.1

64 46.5 26.0 66.0



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: 40.586 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

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ClientSampleId :

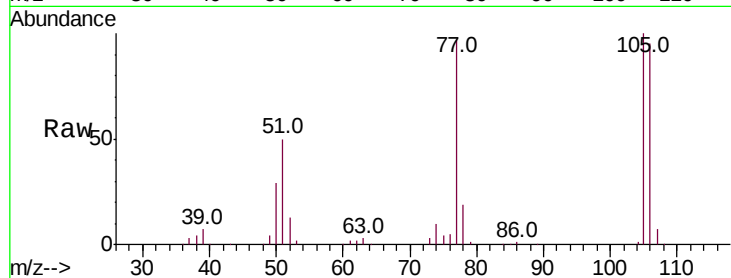
Tot Ion: 77 Resp: 139096

Ion Ratio Lower Upper

77 100

105 102.7 78.6 118.6

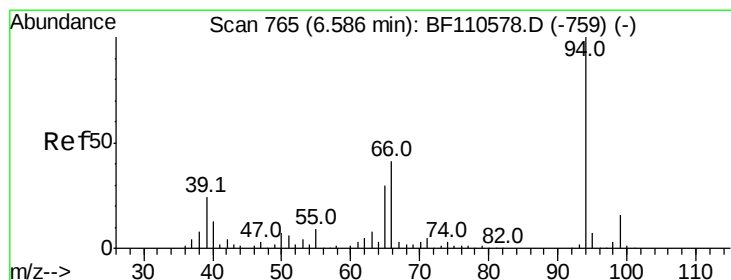
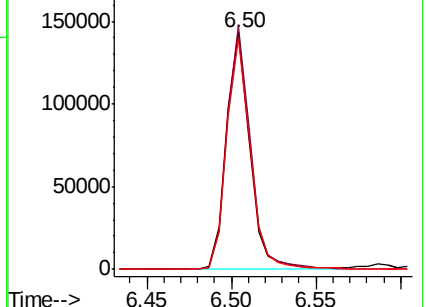
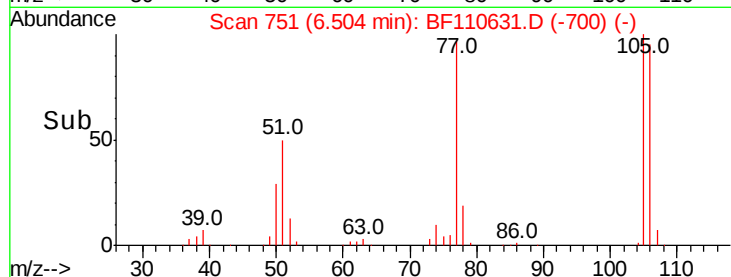
106 97.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.932 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

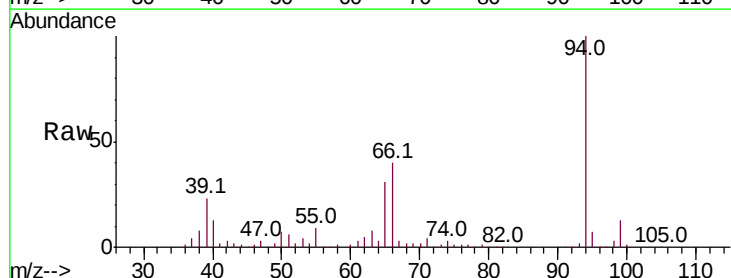
Tgt Ion: 94 Resp: 296568

Ion Ratio Lower Upper

94 100

65 30.7 25.3 65.3

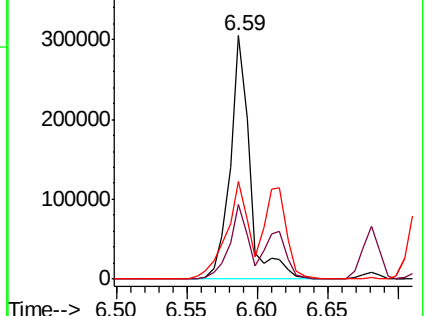
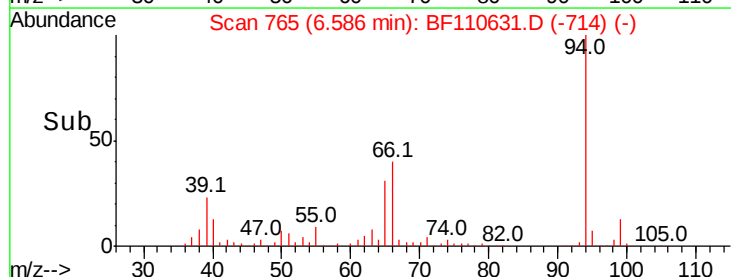
66 40.1 54.5 94.5#

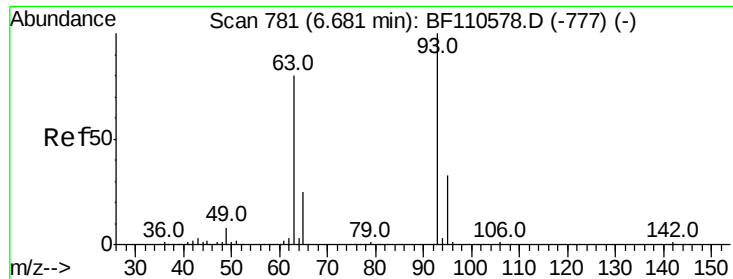


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.222 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

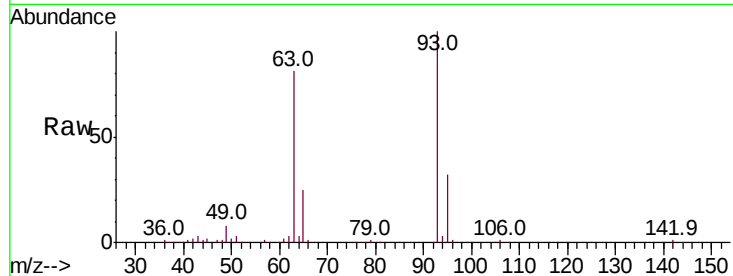
Tot Ion: 93 Resp: 218304

Ion Ratio Lower Upper

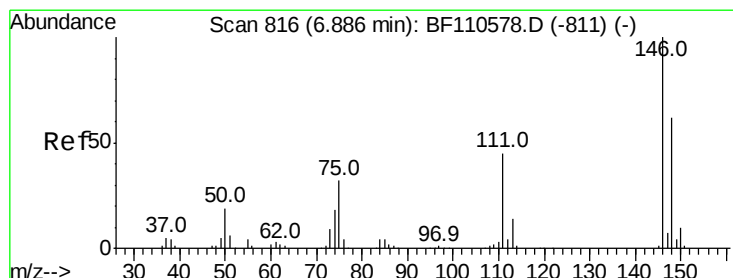
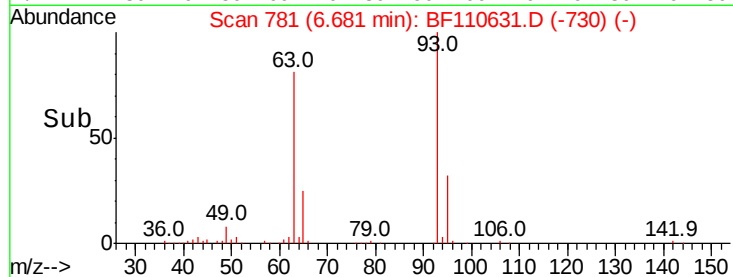
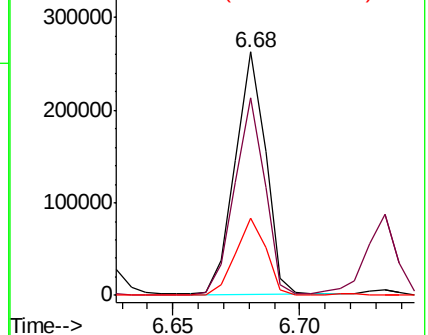
93 100

63 81.1 53.4 93.4

95 31.8 12.1 52.1



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: 39.872 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

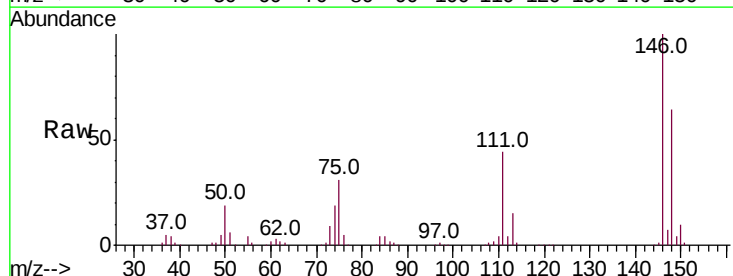
Tgt Ion:146 Resp: 256157

Ion Ratio Lower Upper

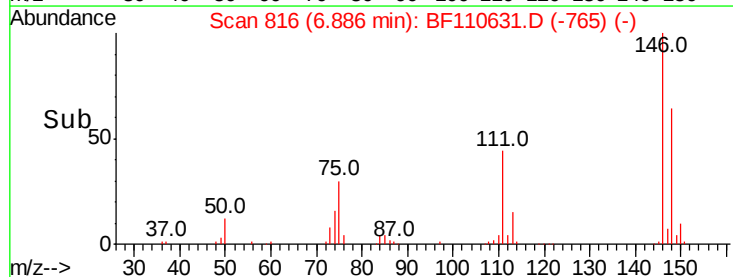
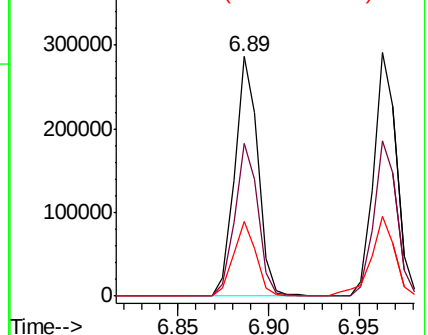
146 100

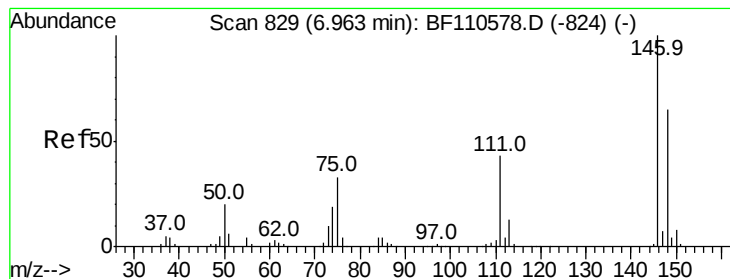
148 63.7 50.4 75.6

75 30.9 25.8 38.6



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: 39.393 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

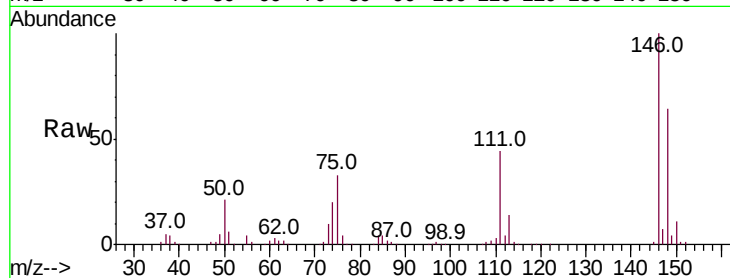
Tot Ion:146 Resp: 256997

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

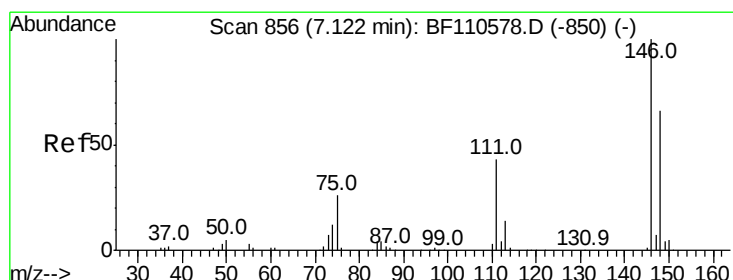
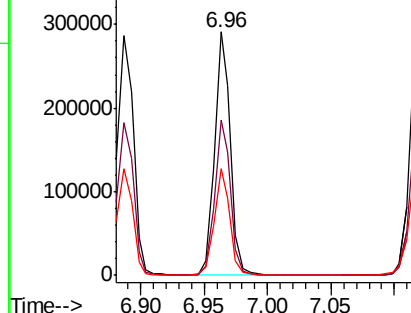
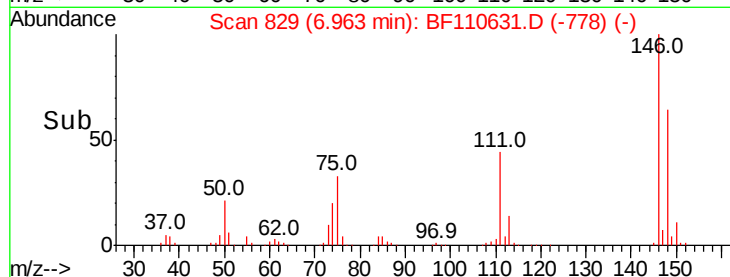
111 43.9 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.824 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

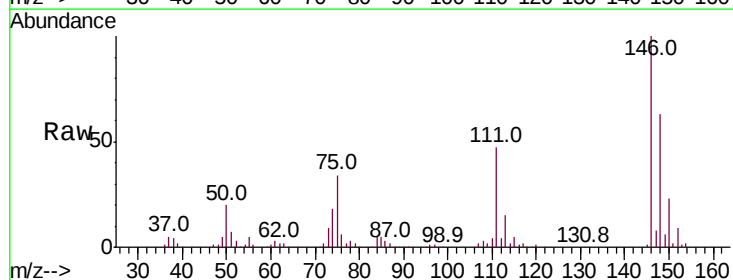
Tgt Ion:146 Resp: 241689

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

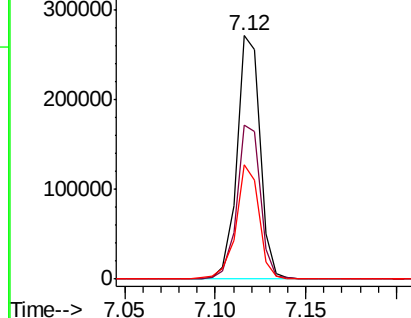
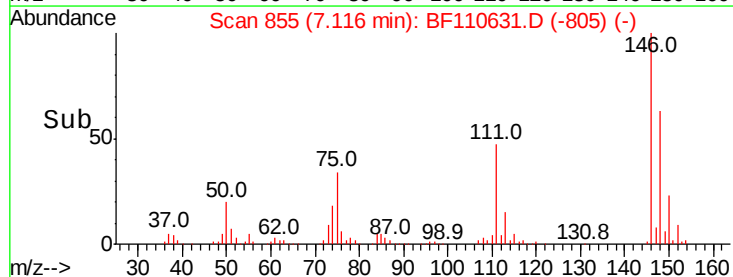
111 47.0 35.8 53.6

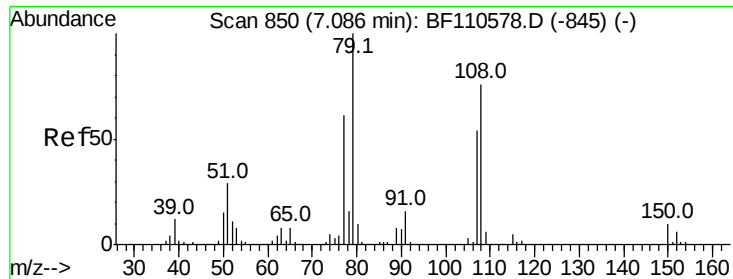


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.705 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampled :

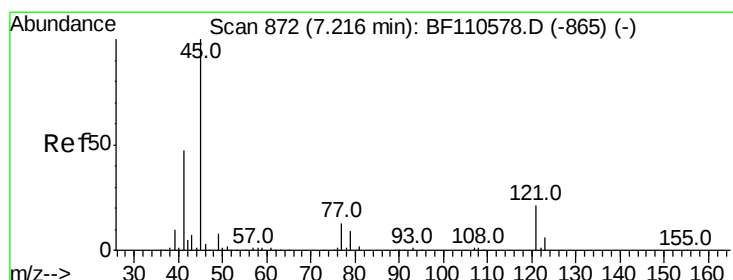
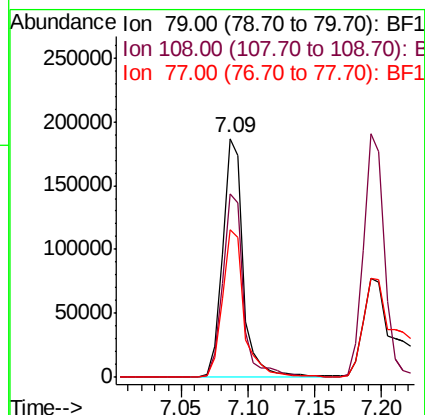
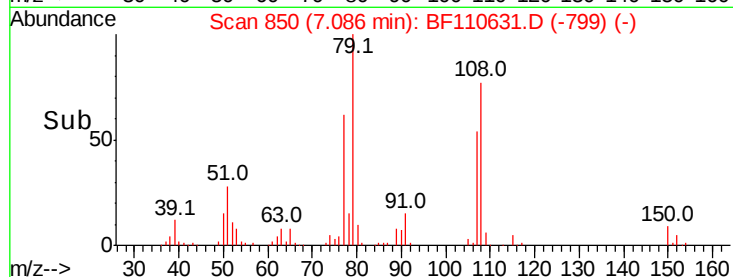
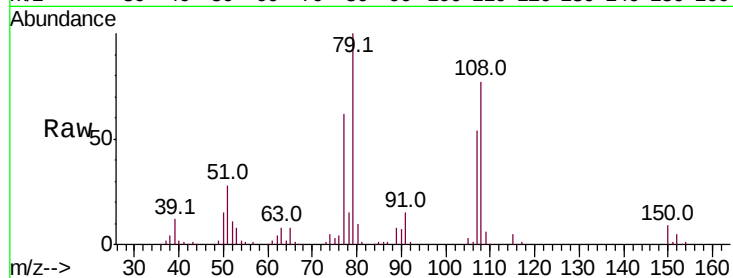
Tot Ion: 79 Resp: 204028

Ion Ratio Lower Upper

79 100

108 76.9 56.3 84.5

77 61.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.177 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

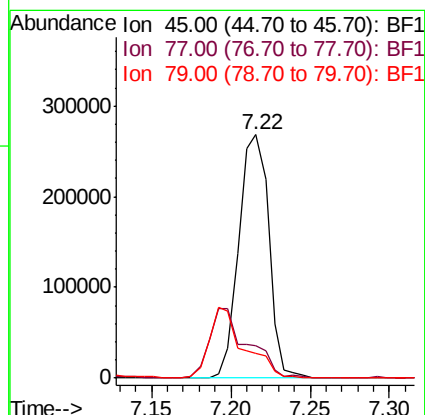
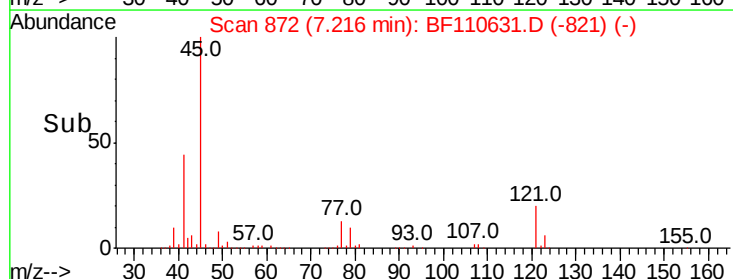
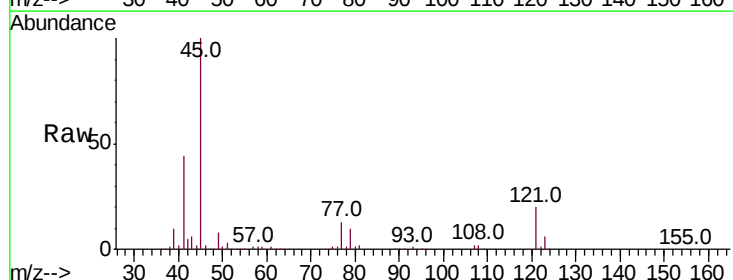
Tgt Ion: 45 Resp: 351177

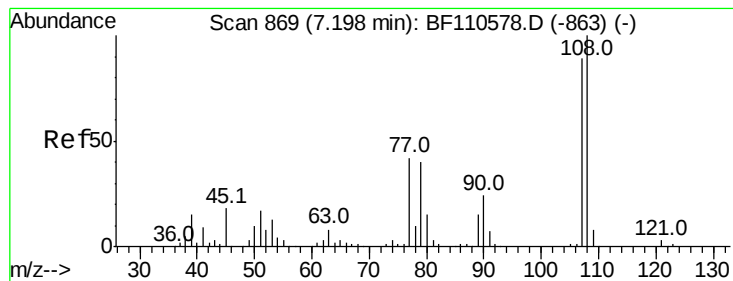
Ion Ratio Lower Upper

45 100

77 13.3 10.0 50.0

79 10.4 6.1 46.1

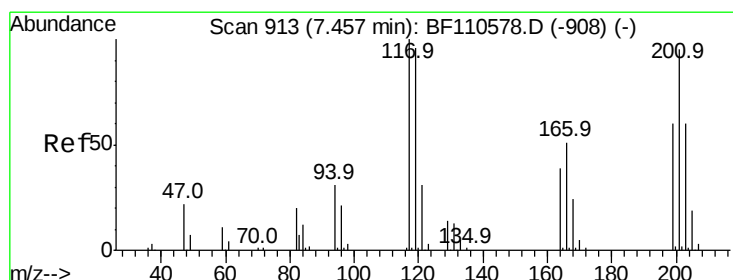
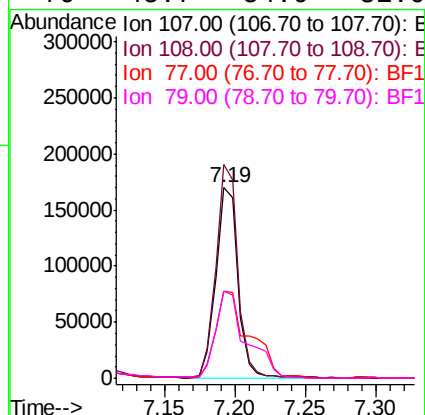
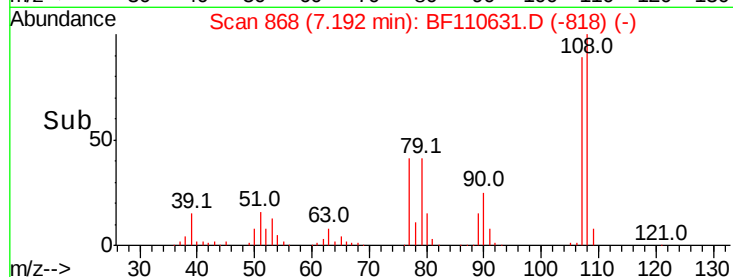
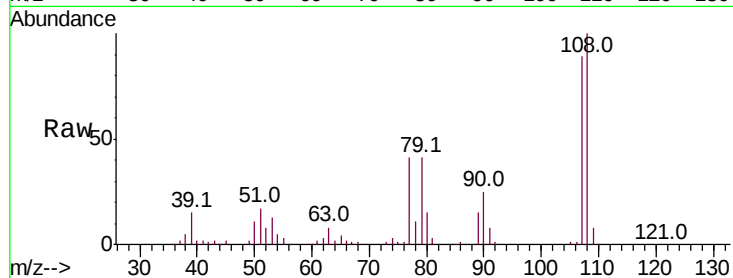




#17
2-Methylphenol
Concen: 39.741 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

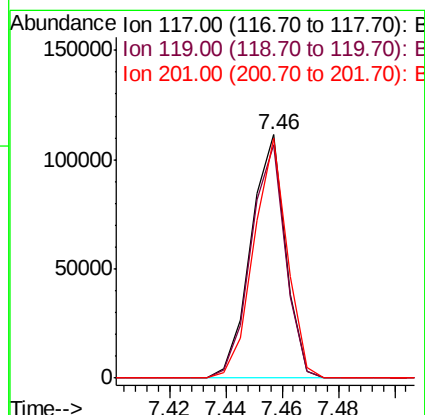
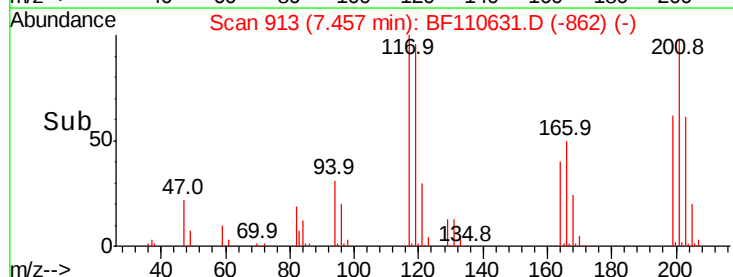
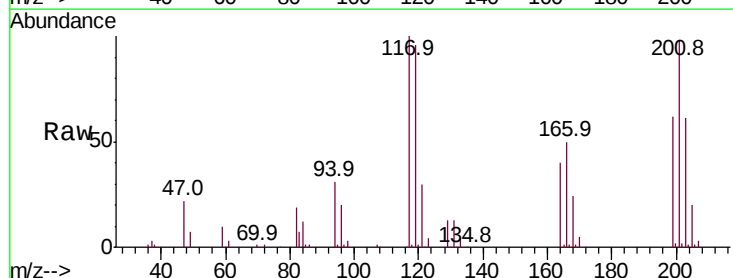
Instrument :
BNA_F
ClientSampled :

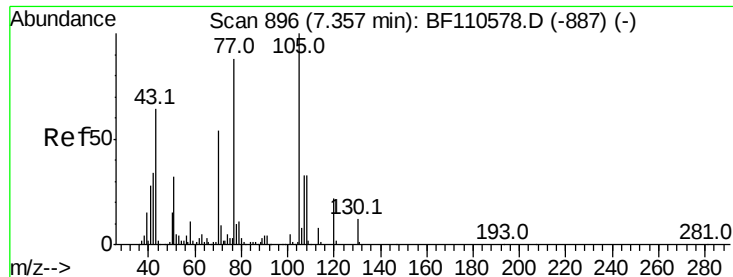
Tot Ion:107 Resp: 185712
Ion Ratio Lower Upper
107 100
108 112.1 92.6 138.8
77 45.5 59.4 89.2#
79 45.7 54.0 81.0#



#18
Hexachloroethane
Concen: 39.303 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:117 Resp: 94660
Ion Ratio Lower Upper
117 100
119 95.9 75.0 112.6
201 98.3 79.2 118.8

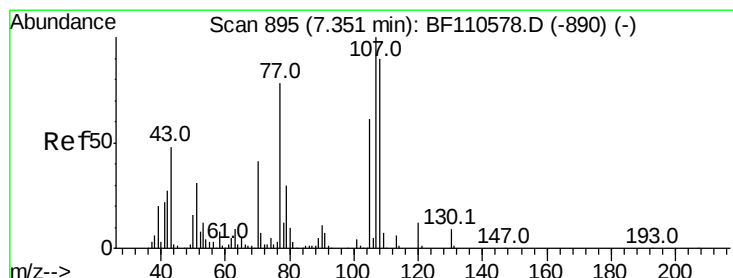
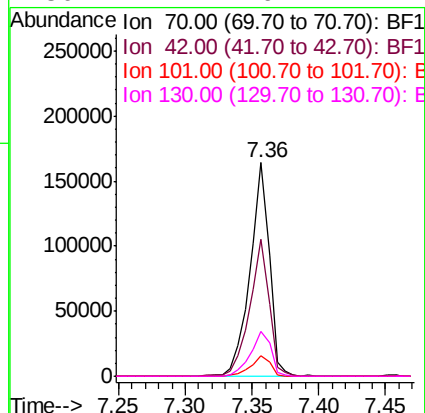
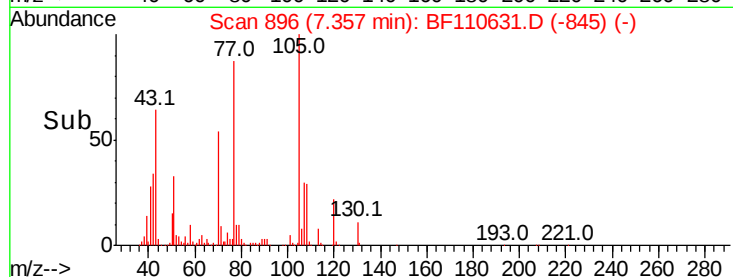
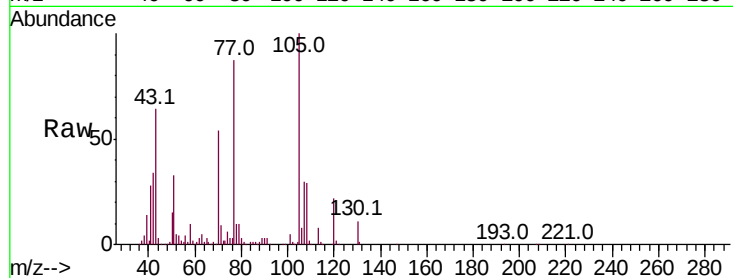




#19
n-Nitroso-di-n-propylamine
Concen: 39.669 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

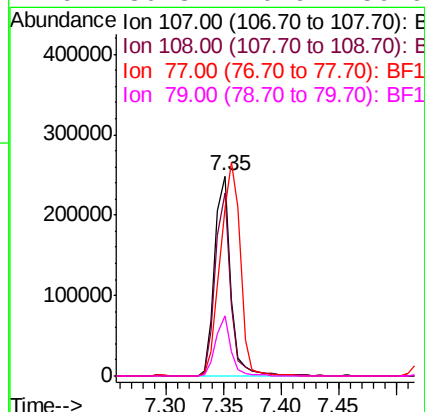
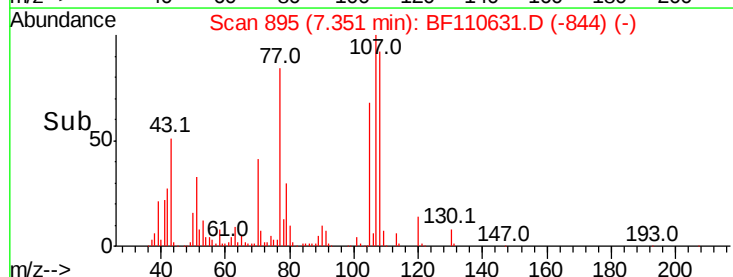
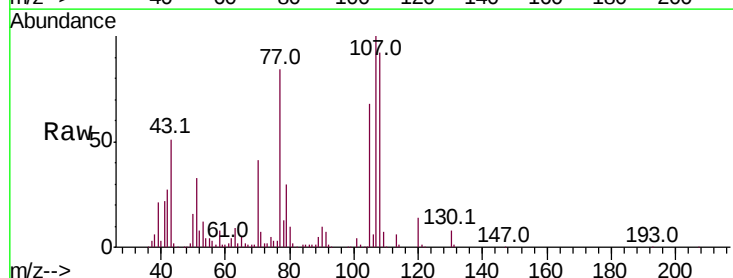
Instrument :
BNA_F
ClientSampleId :

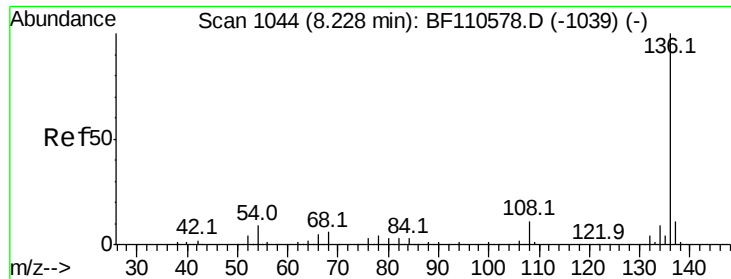
Tot Ion:	70	Resp:	162185
Ion	Ratio	Lower	Upper
70	100		
42	63.9	47.4	71.2
101	9.7	7.3	10.9
130	21.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.174 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:	107	Resp:	240995
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.4	111.4
77	83.8	47.3	87.3
79	30.3	10.9	50.9

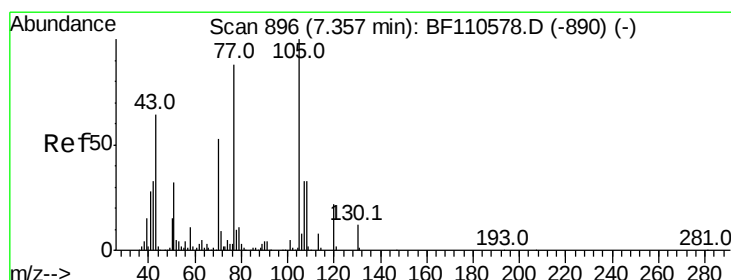
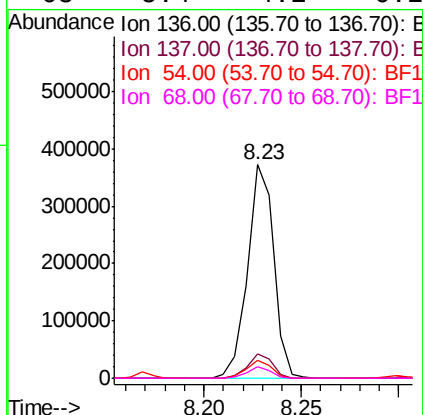
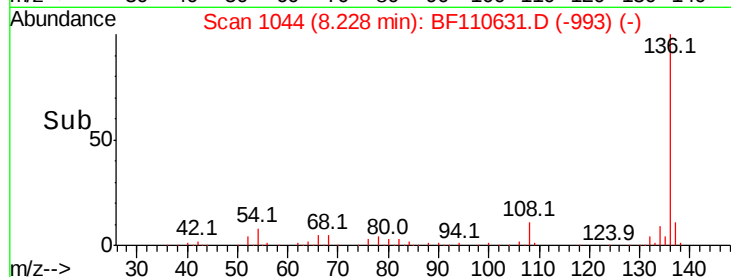
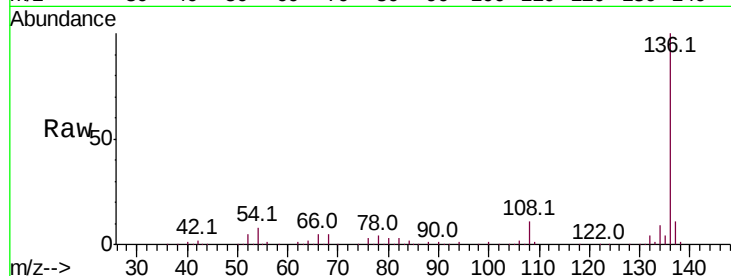




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

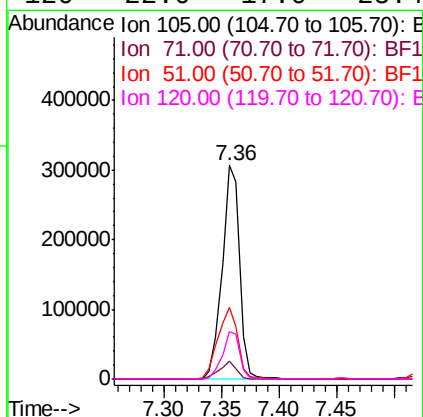
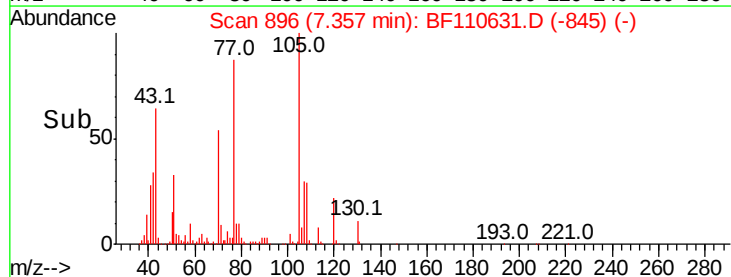
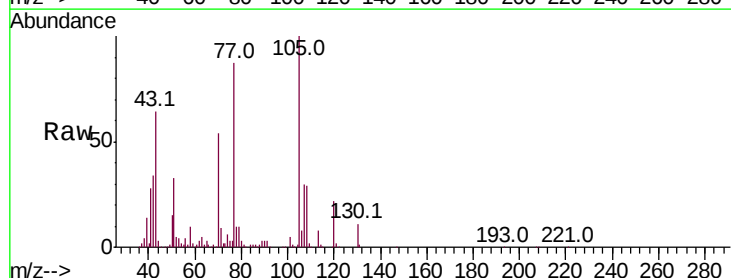
Instrument :
BNA_F
ClientSampled :

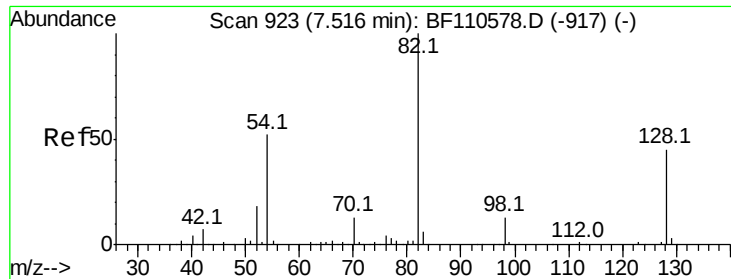
Tot Ion:136	Resp:	346290
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.3	5.4 8.2#
68	5.4	4.2 6.2



#22
Acetophenone
Concen: 39.752 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:105	Resp:	320818
Ion Ratio	Lower	Upper
105	100	
71	8.5	5.2 7.8#
51	33.5	21.8 32.8#
120	22.0	17.0 25.4

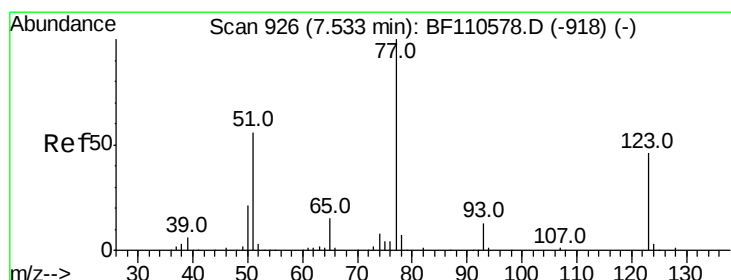
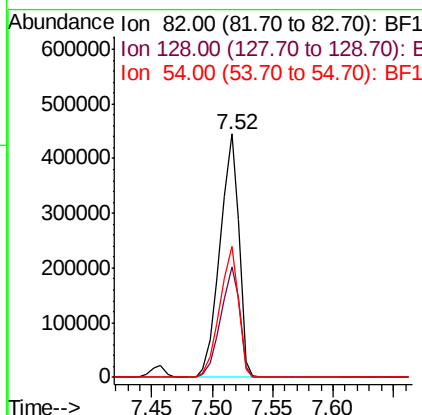
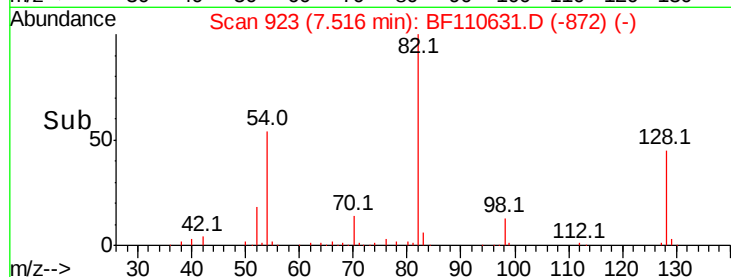
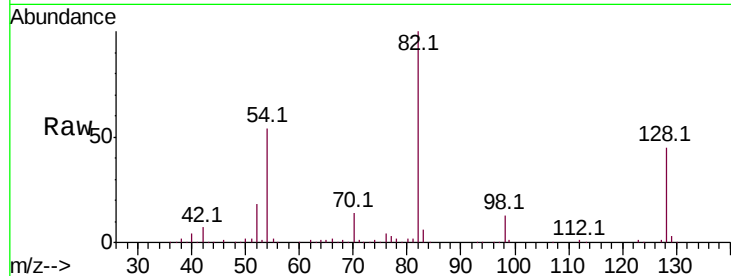




#23
 Nitrobenzene-d5
 Concen: 79.930 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

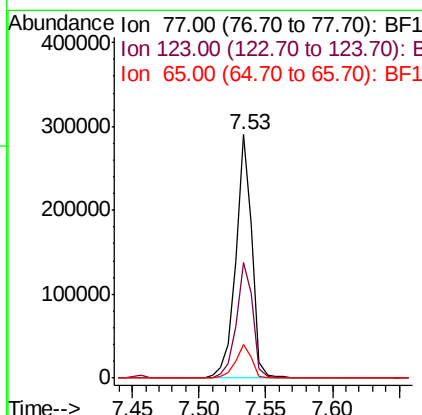
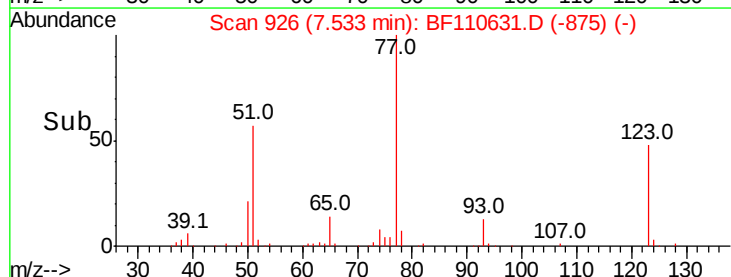
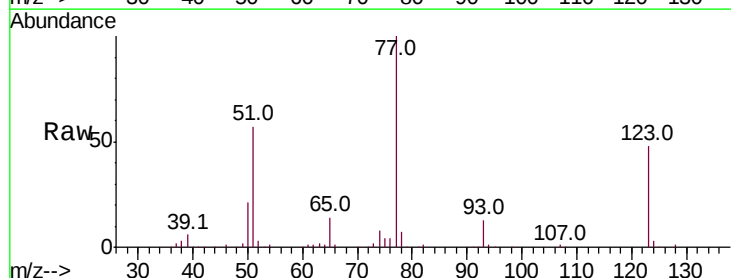
Instrument :
 BNA_F
 ClientSampled :

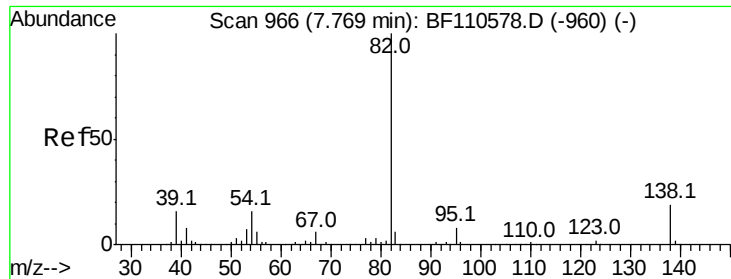
Tot Ion: 82 Resp: 480623
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.2 51.2
 54 53.7 38.6 58.0



#24
 Nitrobenzene
 Concen: 39.925 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion: 77 Resp: 245970
 Ion Ratio Lower Upper
 77 100
 123 47.6 35.7 53.5
 65 14.0 10.7 16.1





#25

Isophorone

Concen: 40.033 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

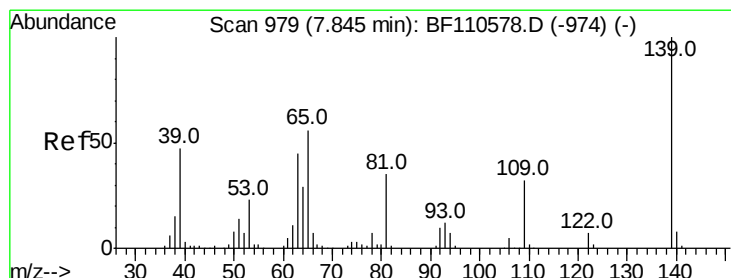
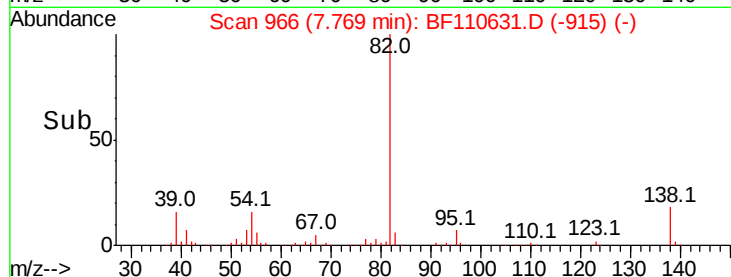
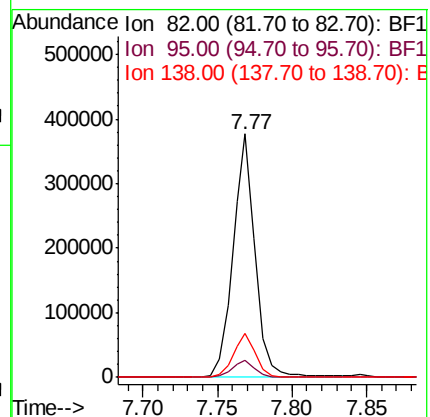
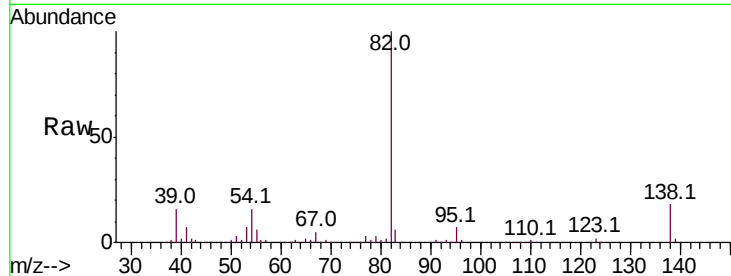
Tot Ion: 82 Resp: 394541

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 18.2 13.2 19.8



#26

2-Nitrophenol

Concen: 40.977 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

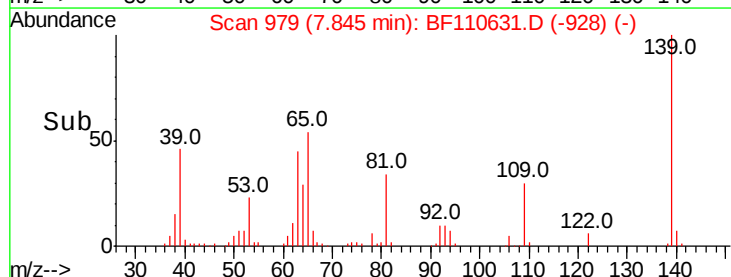
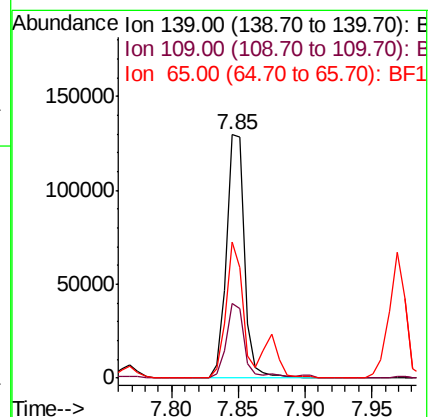
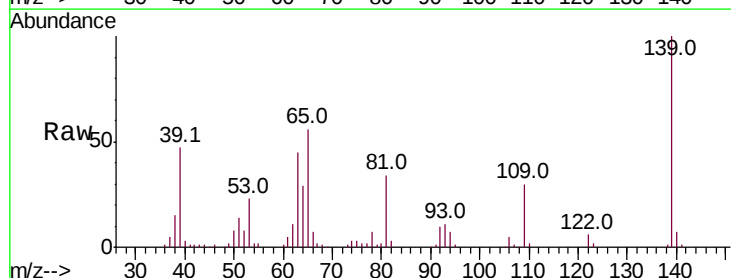
Tgt Ion: 139 Resp: 125941

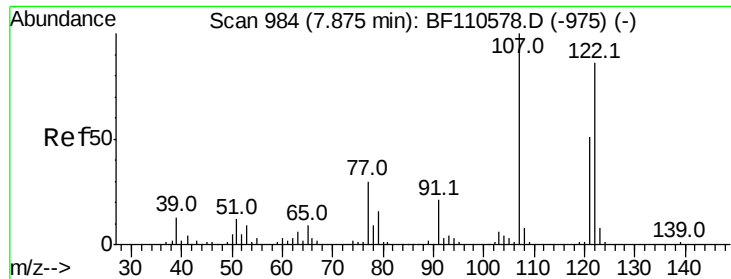
Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

65 56.0 44.0 66.0

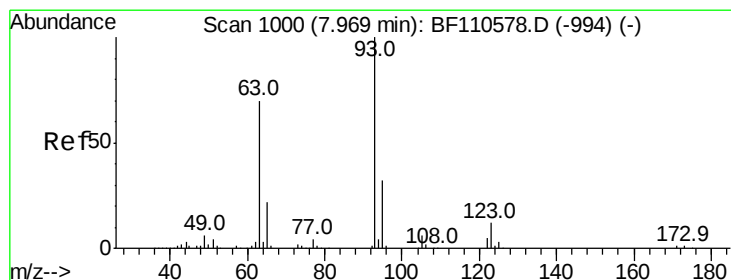
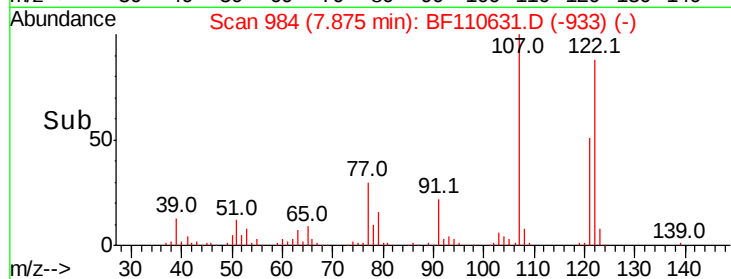
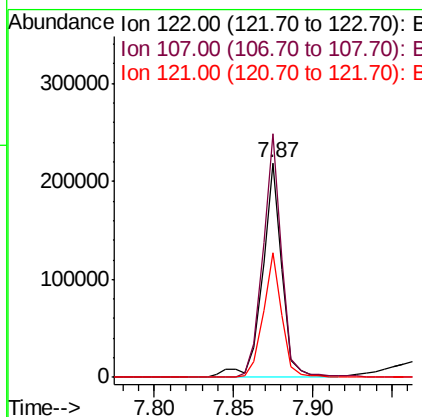
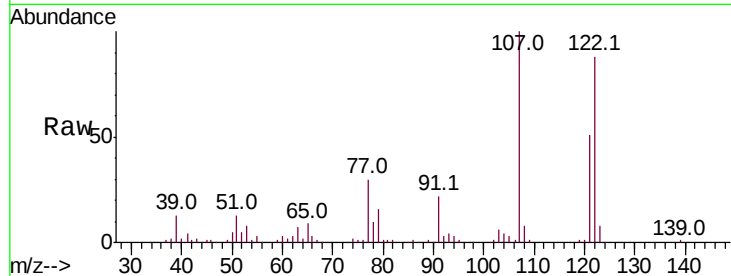




#27
2,4-Dimethylphenol
Concen: 40.235 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

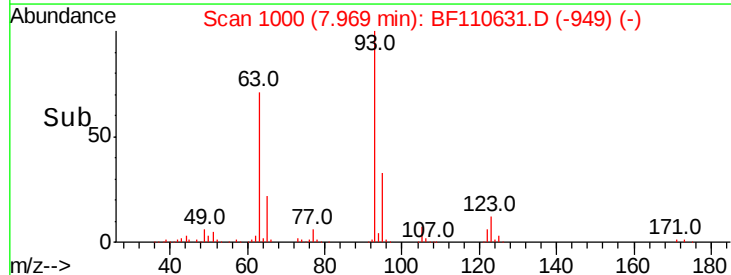
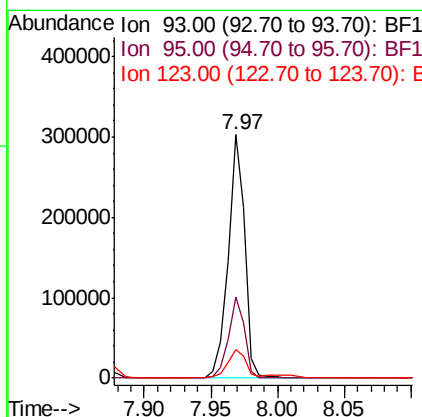
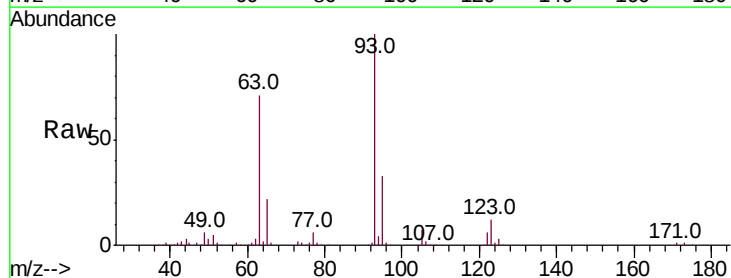
Instrument :
BNA_F
ClientSampleId :

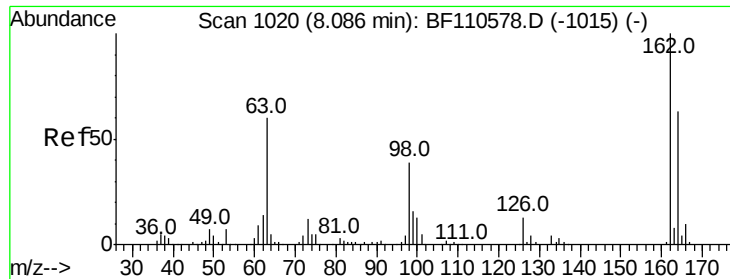
Tot Ion:122 Resp: 188330
Ion Ratio Lower Upper
122 100
107 113.7 92.5 138.7
121 58.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.646 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion: 93 Resp: 264551
Ion Ratio Lower Upper
93 100
95 33.2 26.4 39.6
123 11.7 9.0 13.6

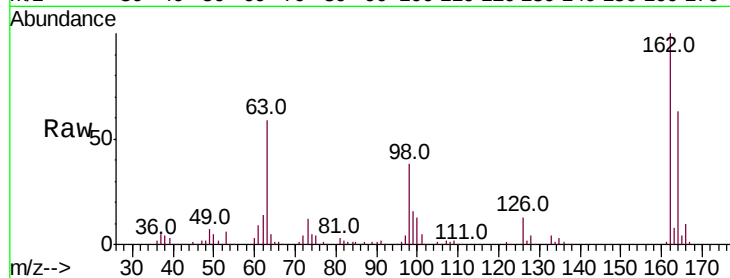




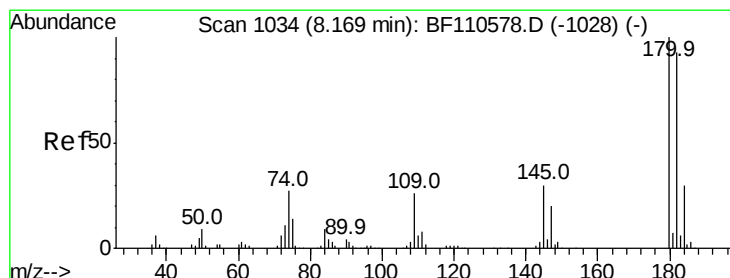
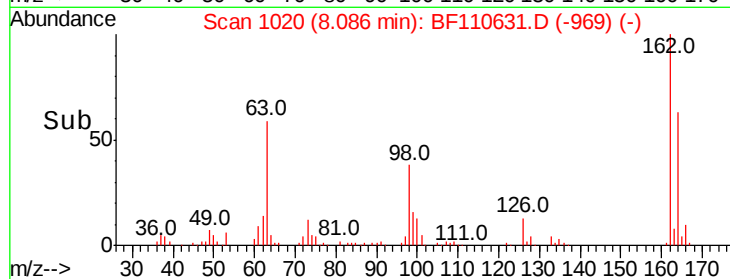
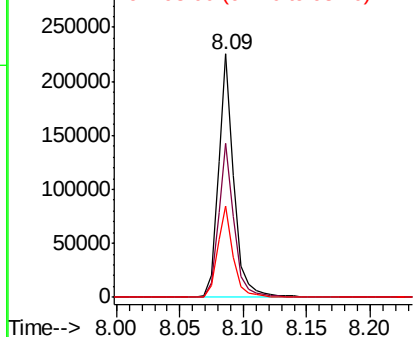
#29
 2,4-Dichlorophenol
 Concen: 40.070 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	37.7	17.4	57.4

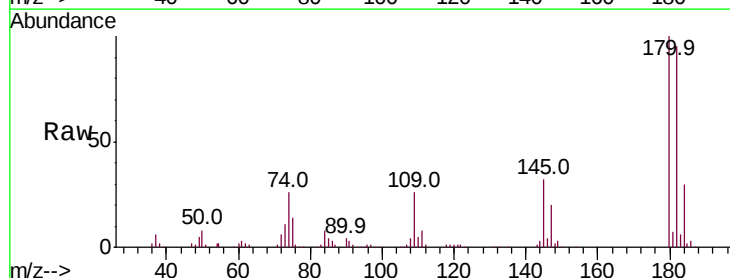


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

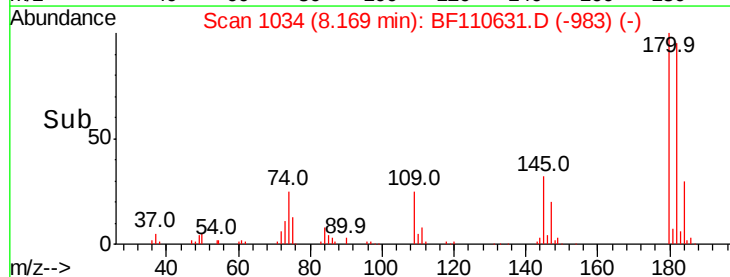
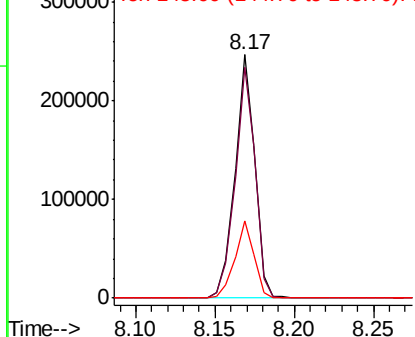


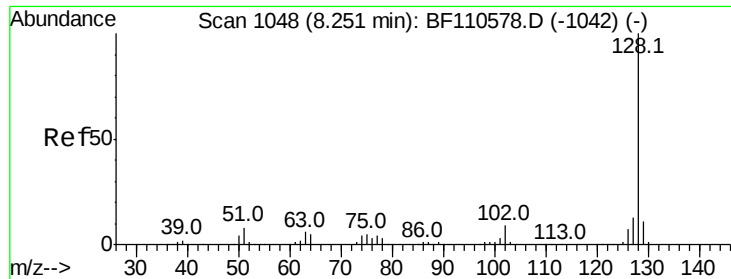
#30
 1,2,4-Trichlorobenzene
 Concen: 39.320 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	80.3	120.5
145	32.0	25.4	38.0



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

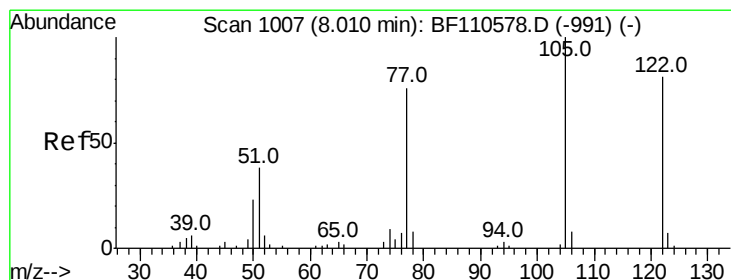
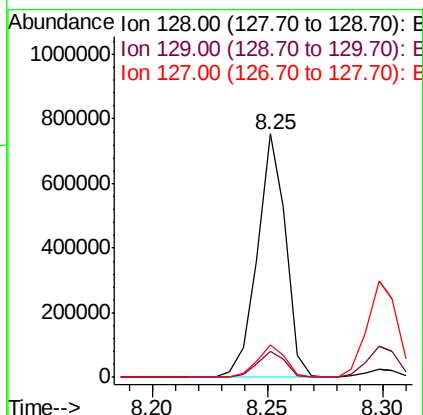
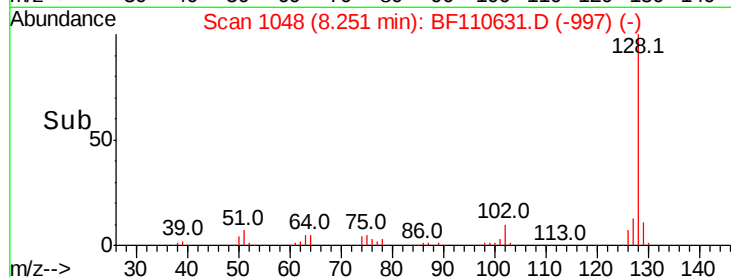
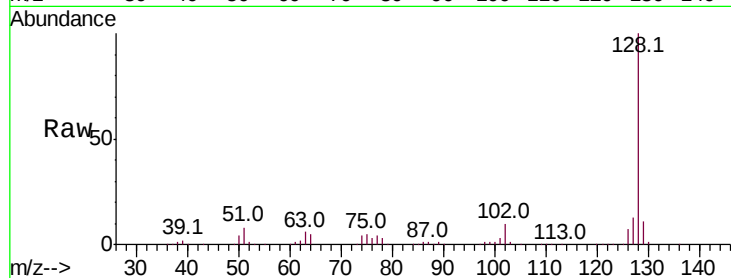




#31
Naphthalene
Concen: 39.810 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

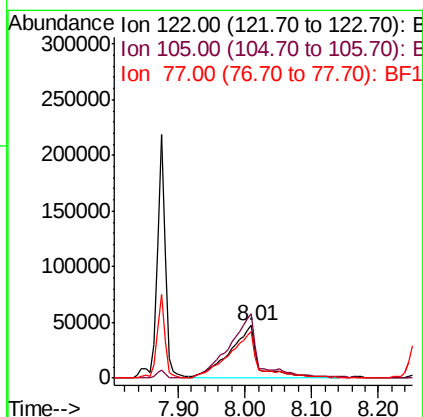
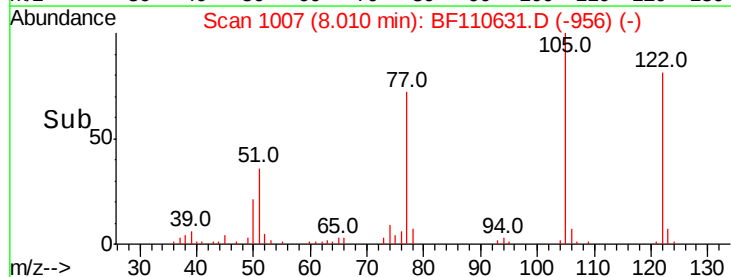
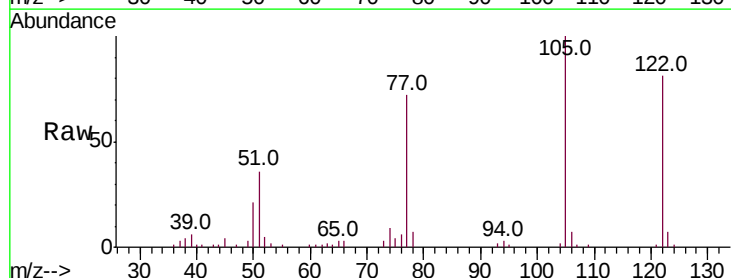
Instrument :
BNA_F
ClientSampleId :

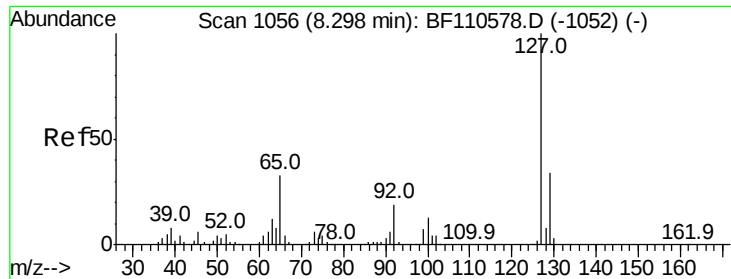
Tot Ion:128 Resp: 647163
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 42.441 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:122 Resp: 140557
Ion Ratio Lower Upper
122 100
105 123.5 109.0 149.0
77 89.0 79.0 119.0

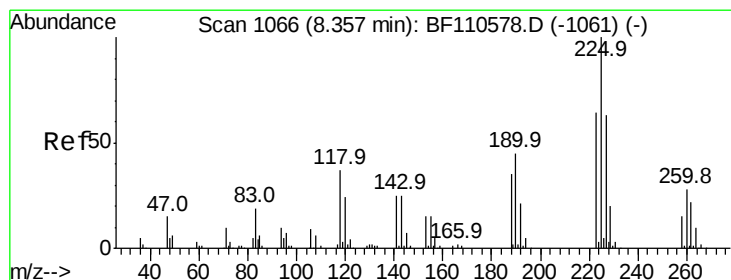
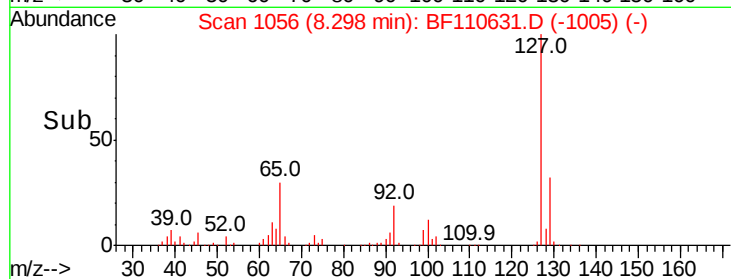
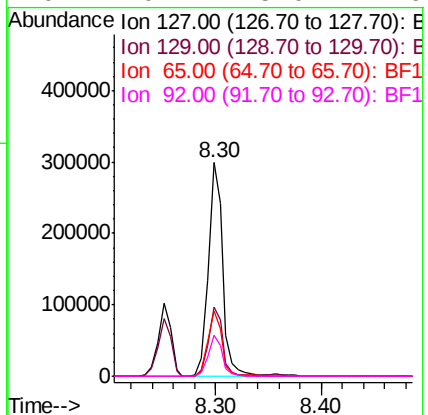
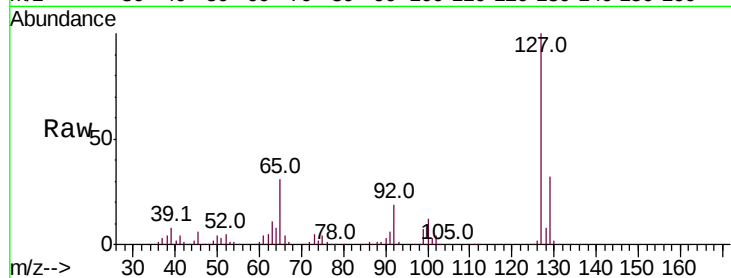




#33
4-Chloroaniline
Concen: 38.835 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

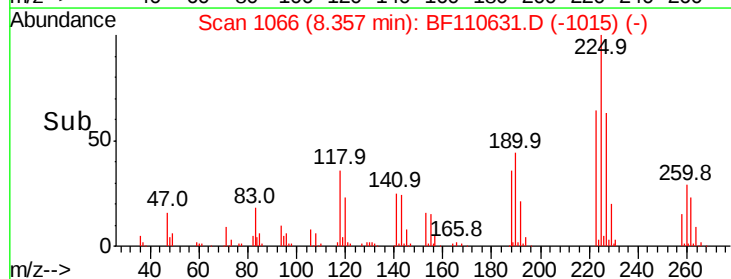
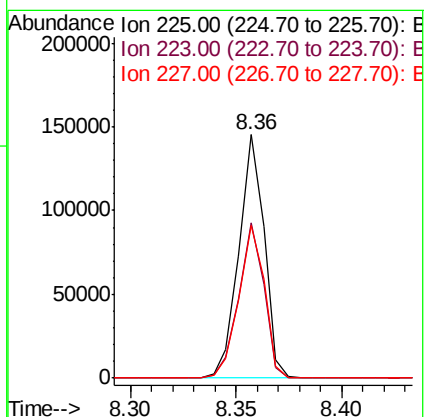
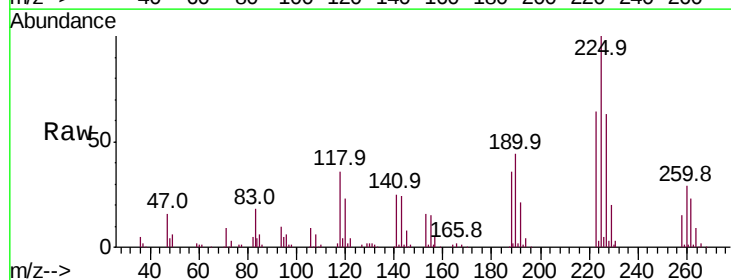
Instrument :
BNA_F
ClientSampleId :

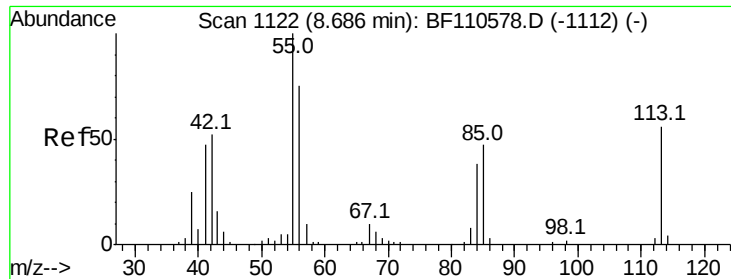
Tot Ion:	127	Resp:	285964
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.6	25.1	37.7
92	19.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.895 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:	225	Resp:	120639
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.2
227	62.6	51.0	76.6

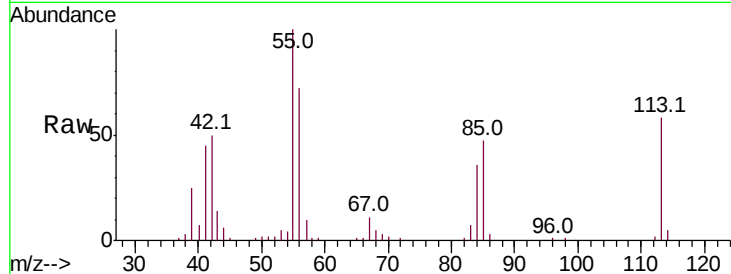




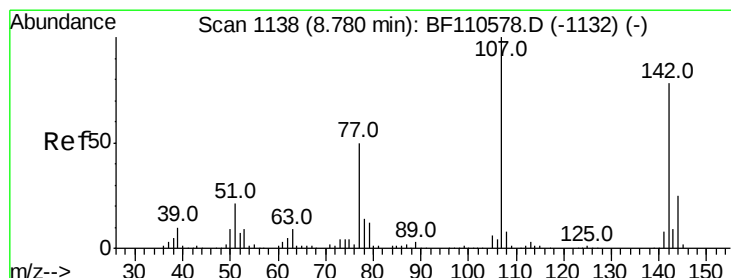
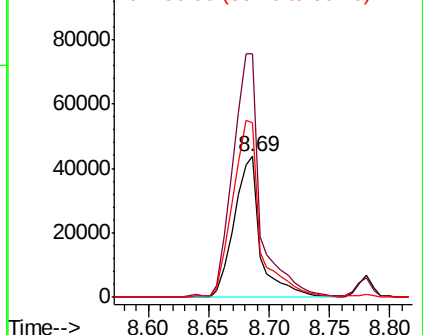
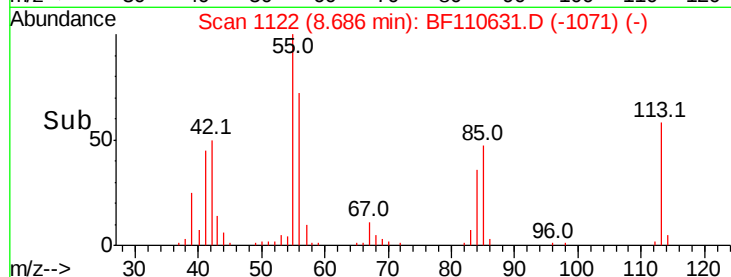
#35
 Caprolactam
 Concen: 41.369 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 66568
 Ion Ratio Lower Upper
 113 100
 55 172.6 142.8 182.8
 56 123.8 105.0 145.0

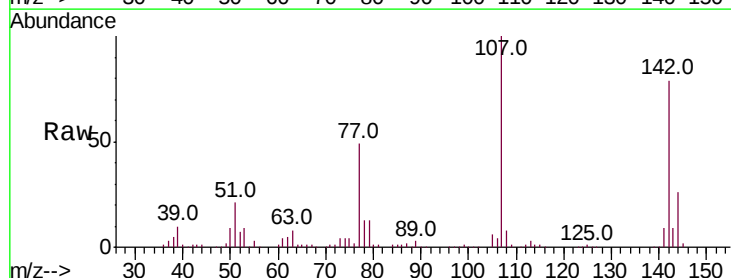


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

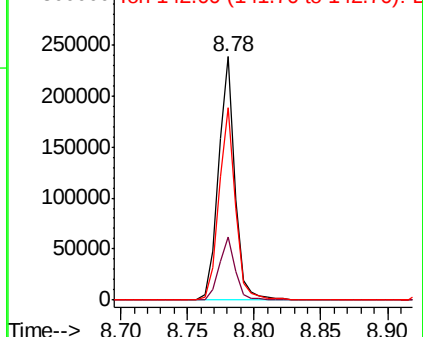
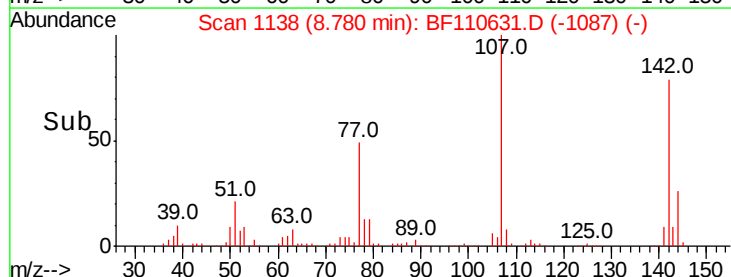


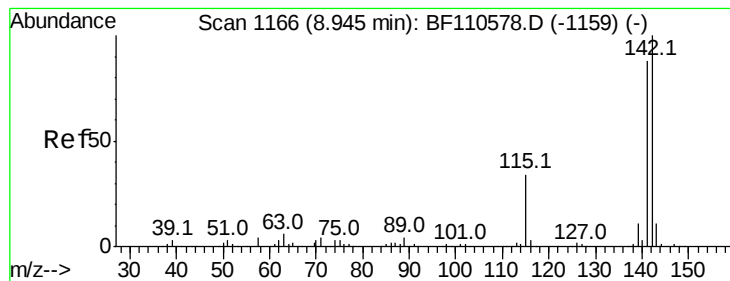
#36
 4-Chloro-3-methylphenol
 Concen: 40.023 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion:107 Resp: 207895
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.0 30.0
 142 79.1 59.7 89.5



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

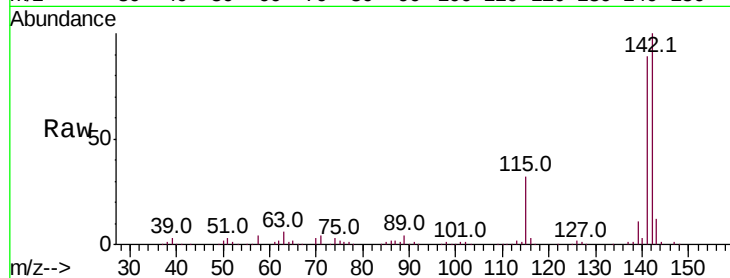




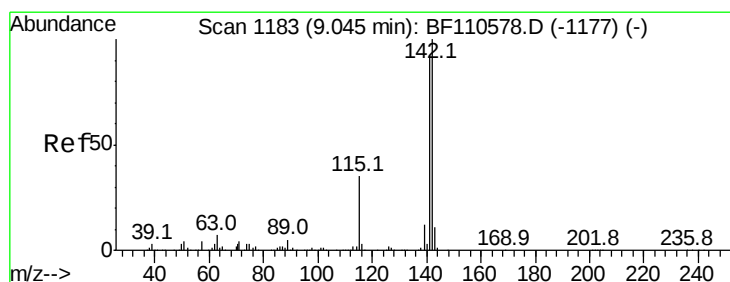
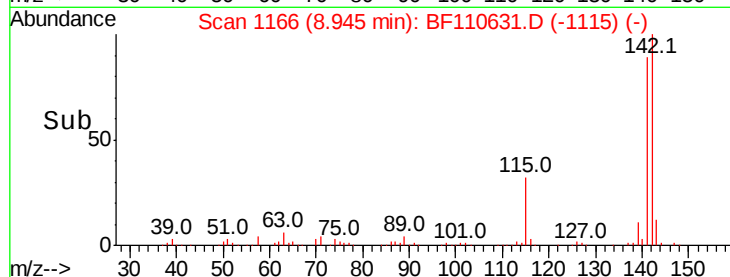
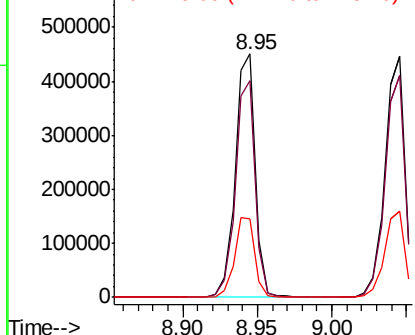
#37
2-Methylnaphthalene
Concen: 39.732 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	32.4	28.7	43.1

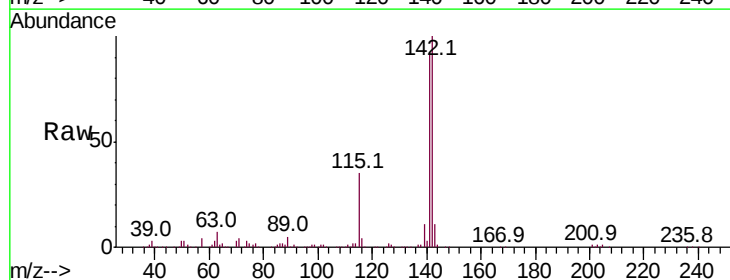


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

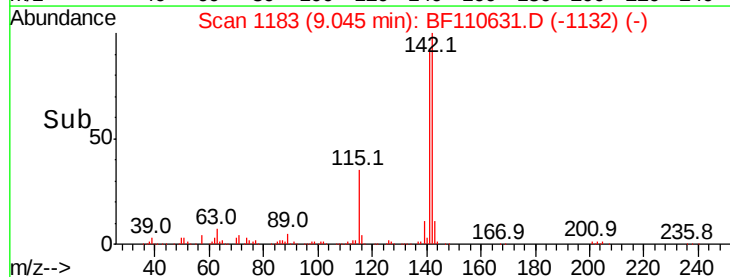
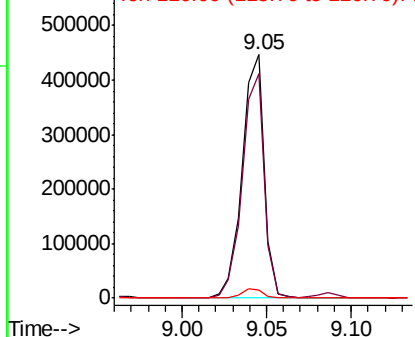


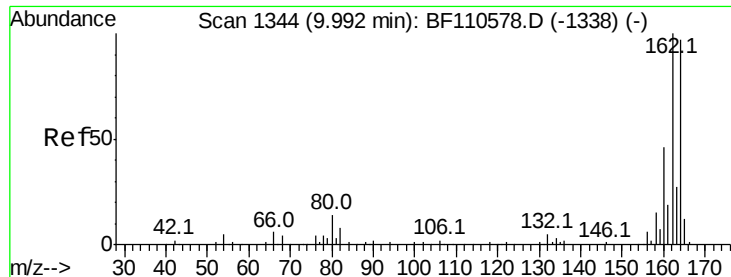
#38
1-Methylnaphthalene
Concen: 39.442 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.5	2.6	4.0



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

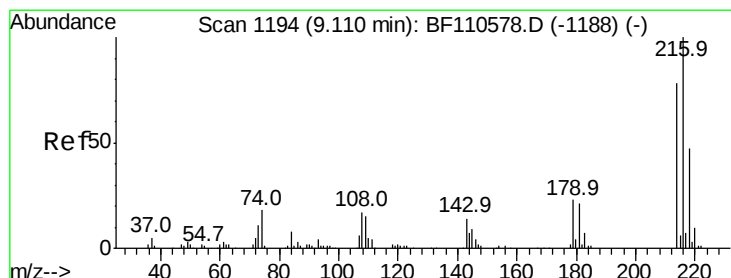
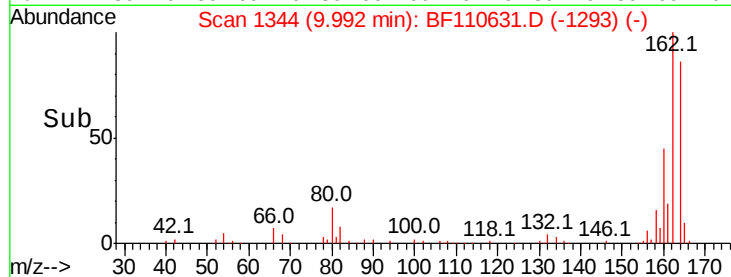
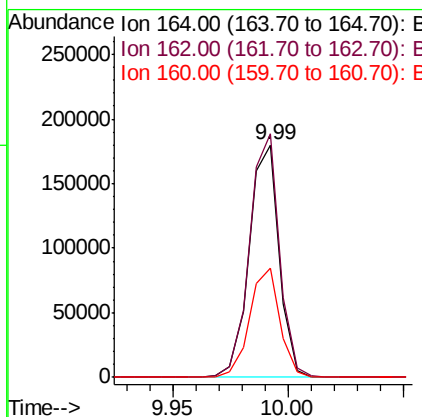
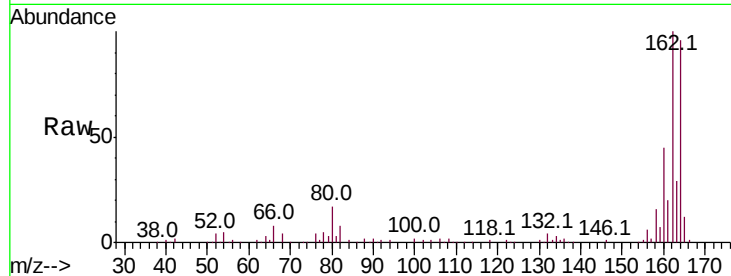




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

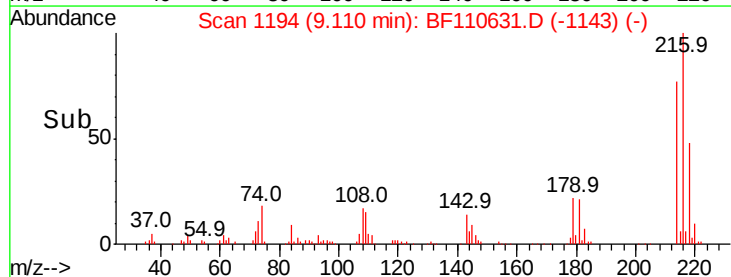
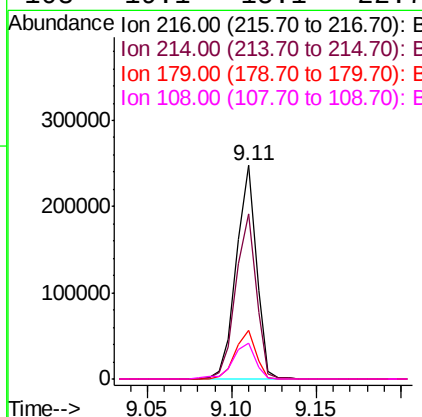
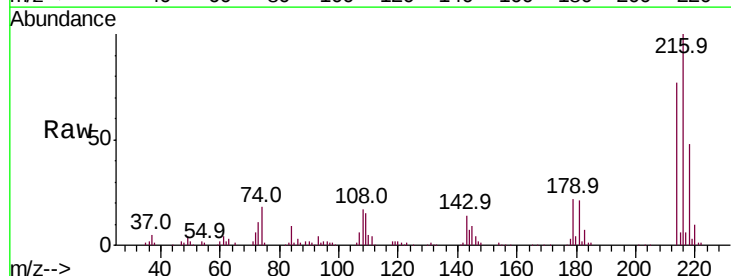
Instrument :
BNA_F
ClientSampleId :

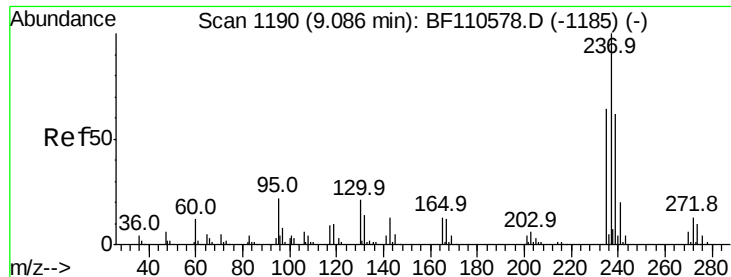
Tot Ion:164 Resp: 163607
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.6
160 46.9 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.691 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:216 Resp: 205552
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 23.1 16.6 25.0
108 19.1 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 33.609 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

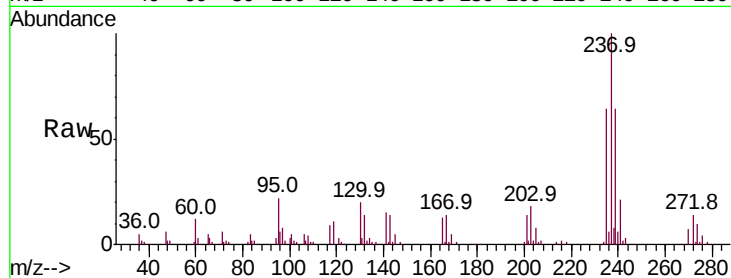
Tot Ion:237 Resp: 57985

Ion Ratio Lower Upper

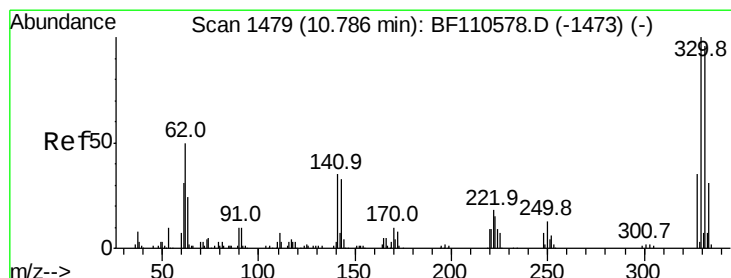
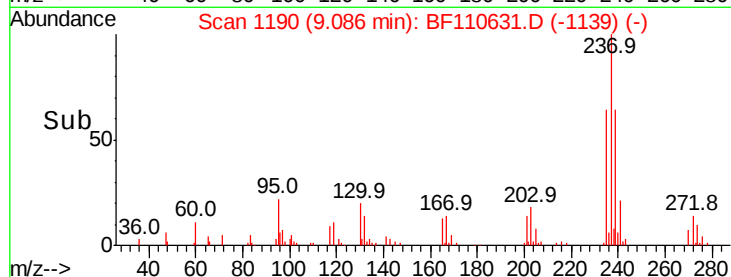
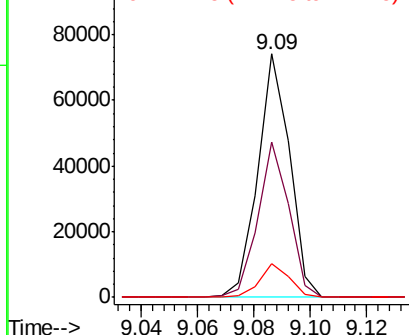
237 100

235 63.8 43.1 83.1

272 13.9 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 78.931 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

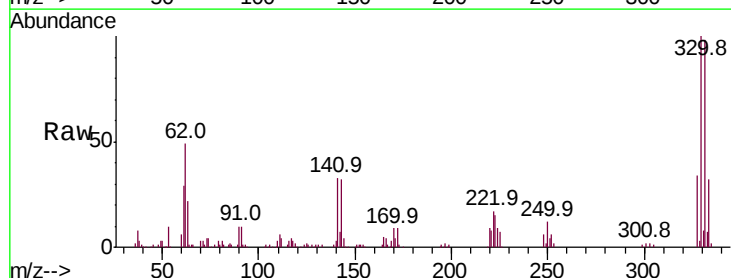
Tgt Ion:330 Resp: 130122

Ion Ratio Lower Upper

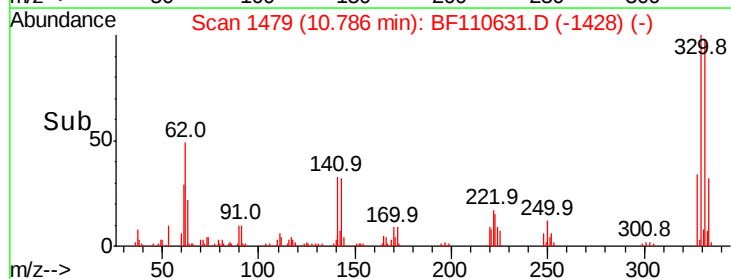
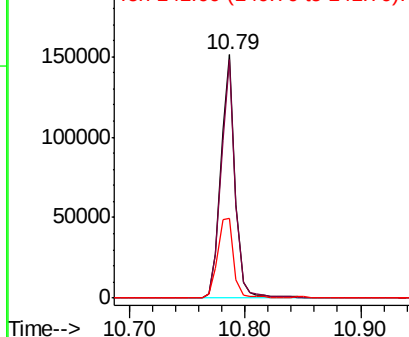
330 100

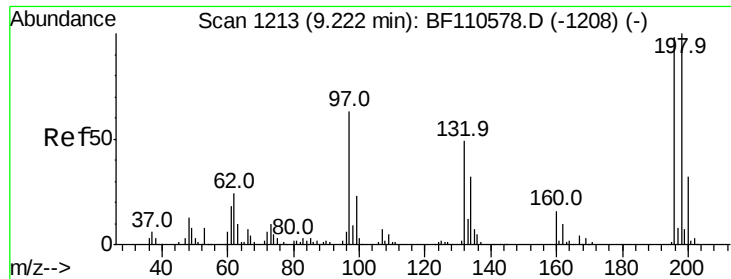
332 97.1 77.1 115.7

141 37.1 27.0 40.4



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

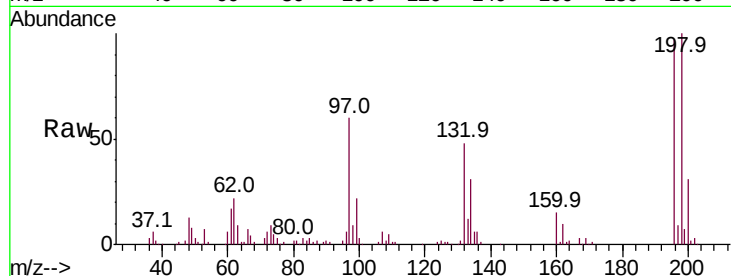




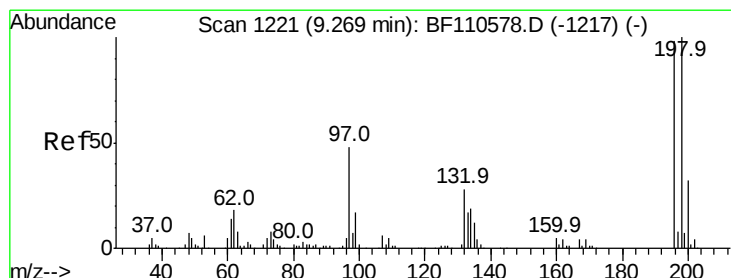
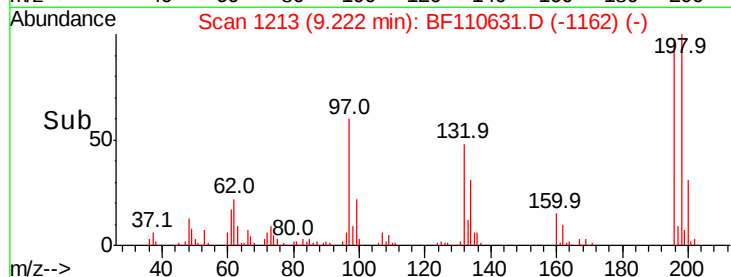
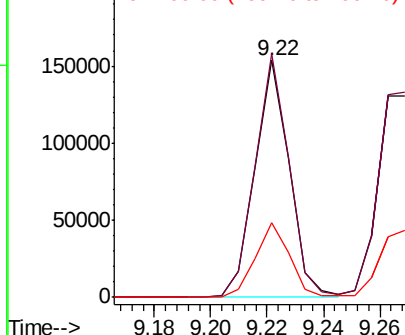
#43
 2,4,6-Trichlorophenol
 Concen: 40.019 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 130236
 Ion Ratio Lower Upper
 196 100
 198 102.7 76.2 114.4
 200 31.7 24.4 36.6

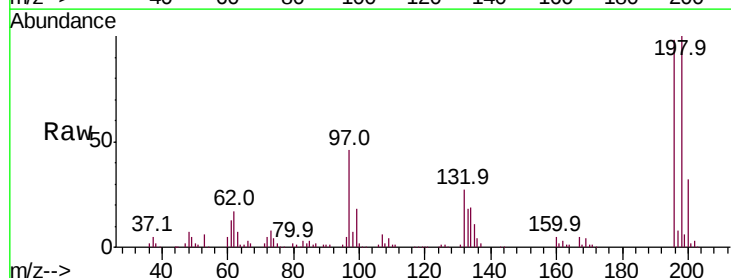


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

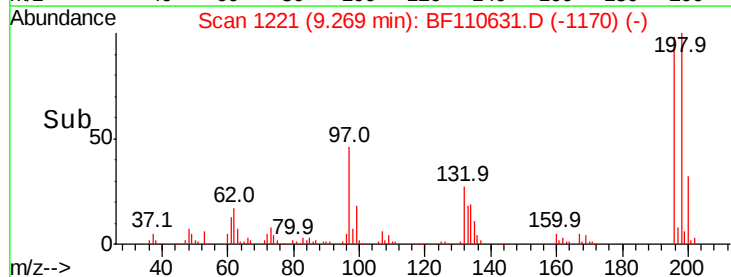
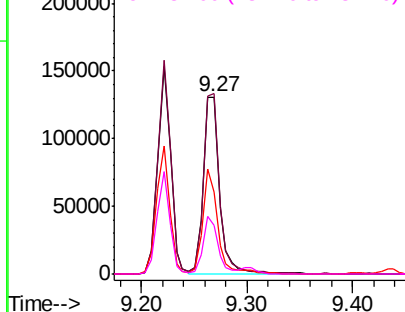


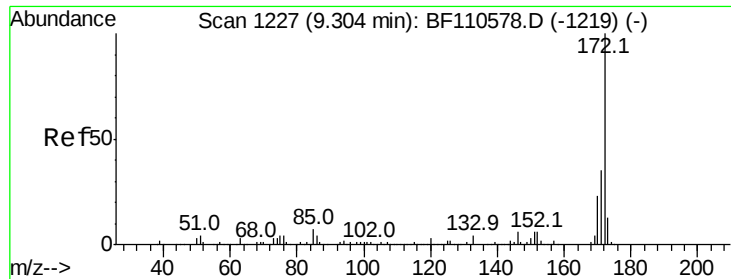
#44
 2,4,5-Trichlorophenol
 Concen: 40.392 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion:196 Resp: 140216
 Ion Ratio Lower Upper
 196 100
 198 102.0 75.8 113.6
 97 46.5 42.4 63.6
 132 27.5 22.8 34.2



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

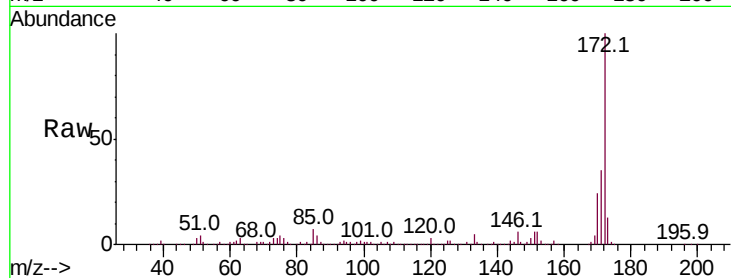




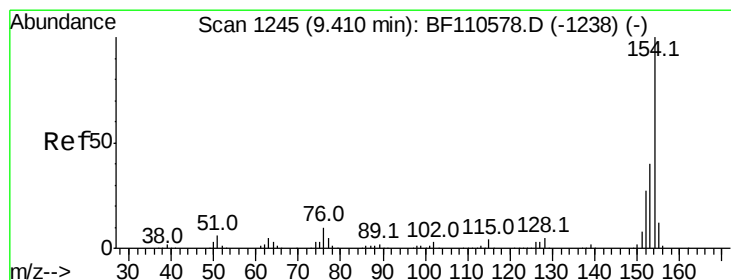
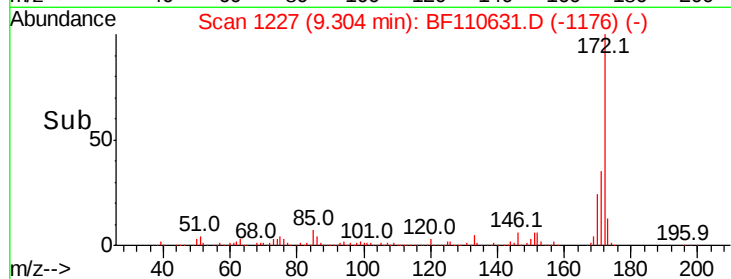
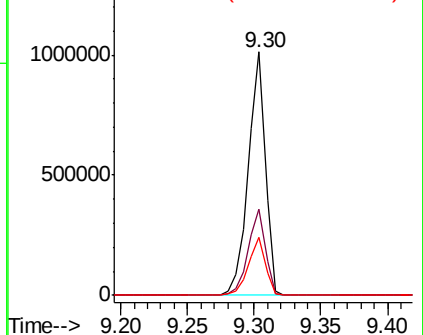
#45
 2-Fluorobiphenyl
 Concen: 77.437 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 887088
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.8 19.7 29.5

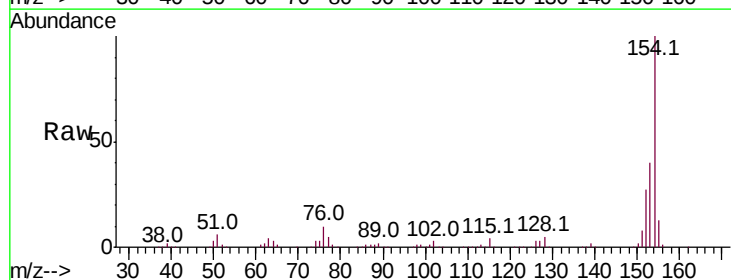


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

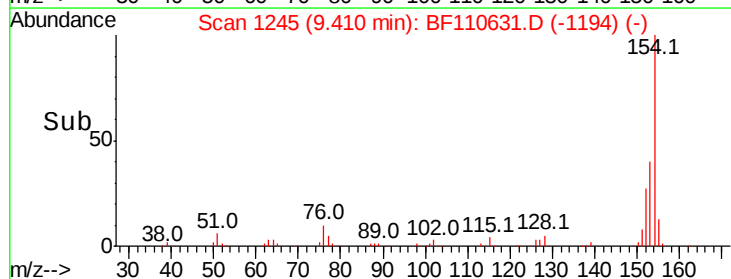
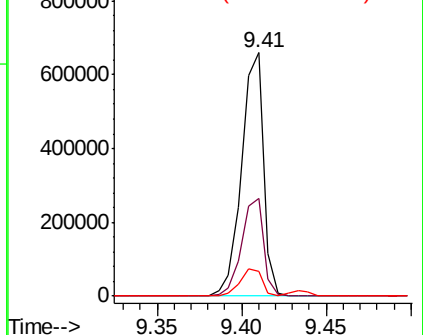


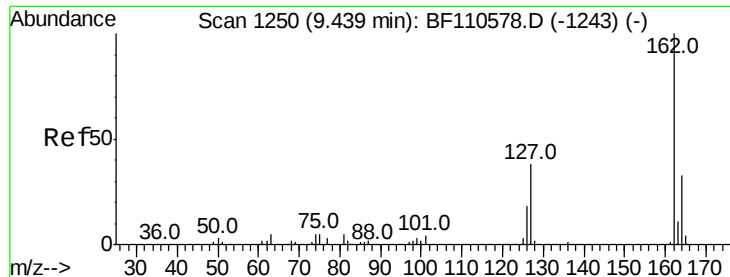
#46
 1,1'-Biphenyl
 Concen: 39.269 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion:154 Resp: 599336
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.4 60.4
 76 10.2 0.0 31.9



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

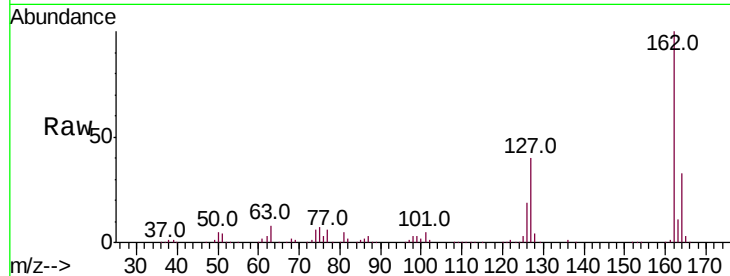




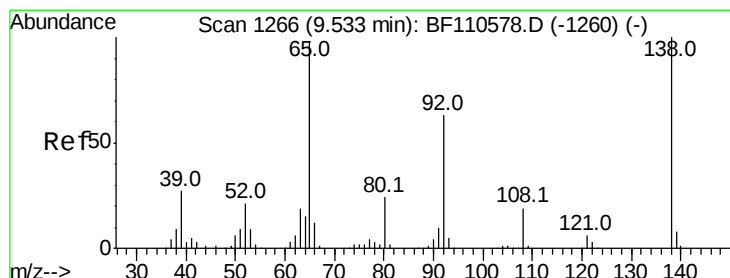
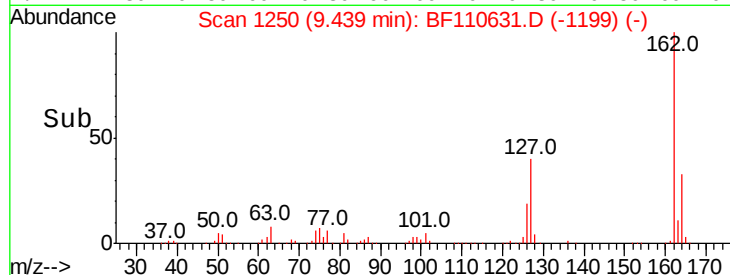
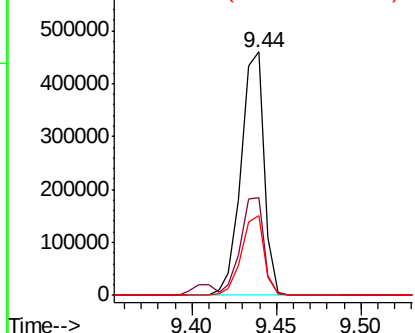
#47
 2-Chloronaphthalene
 Concen: 39.891 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	48.8
164	32.6	25.9	38.9

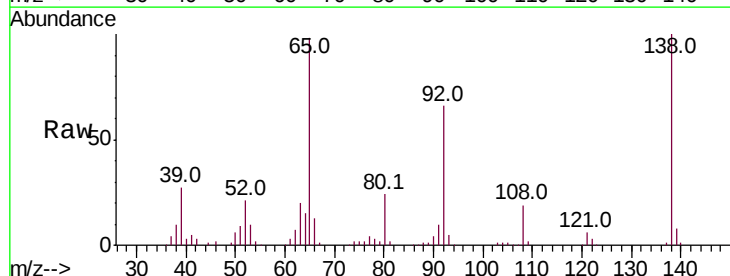


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

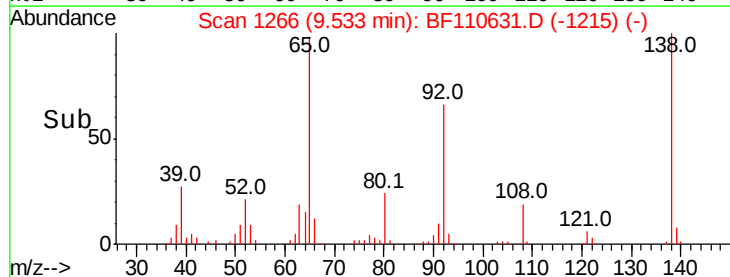
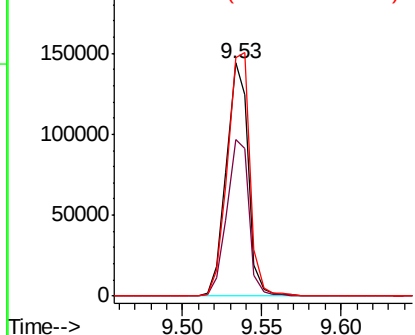


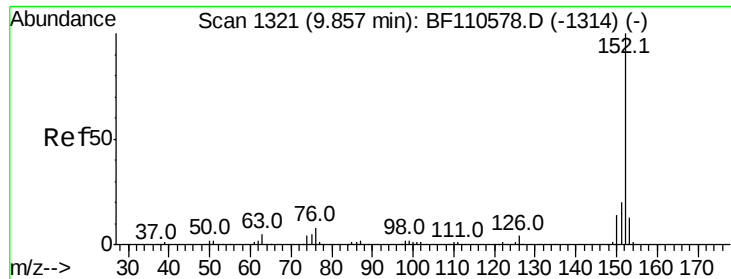
#48
 2-Nitroaniline
 Concen: 40.978 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	81.8
138	102.0	80.3	120.5



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





#49

Acenaphthylene

Concen: 39.571 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

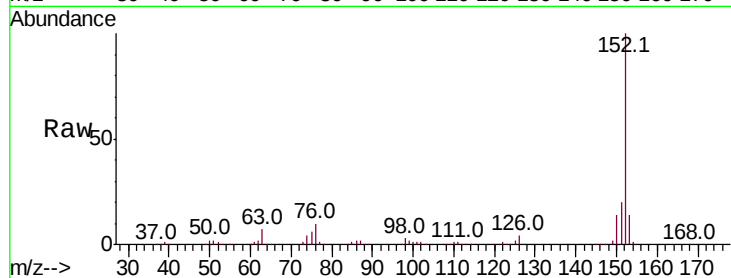
Tot Ion:152 Resp: 626611

Ion Ratio Lower Upper

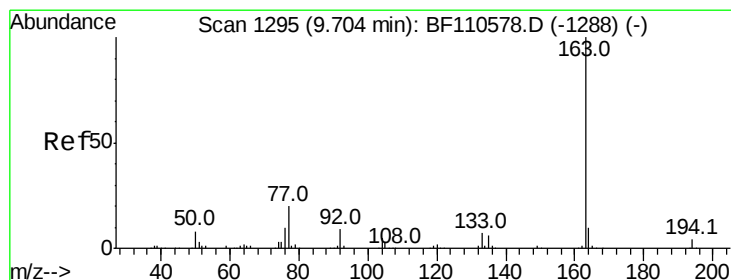
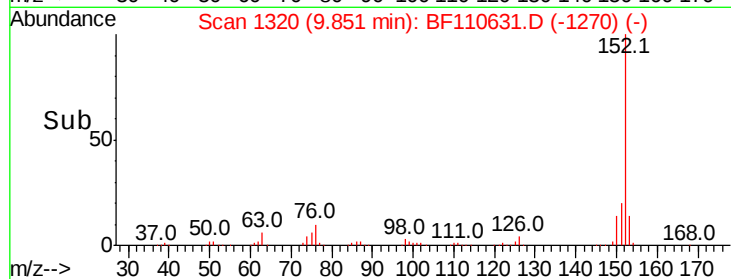
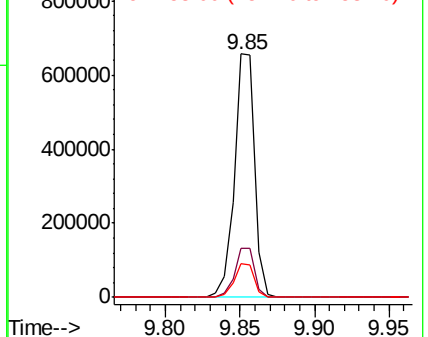
152 100

151 20.4 15.8 23.8

153 13.9 10.4 15.6



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



#50

Dimethylphthalate

Concen: 39.304 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

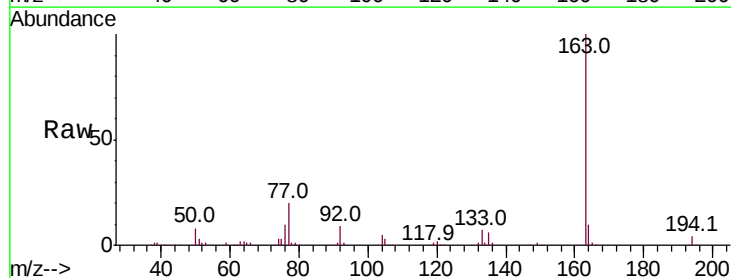
Tgt Ion:163 Resp: 479822

Ion Ratio Lower Upper

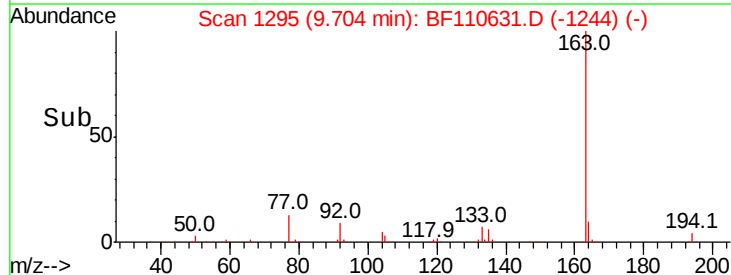
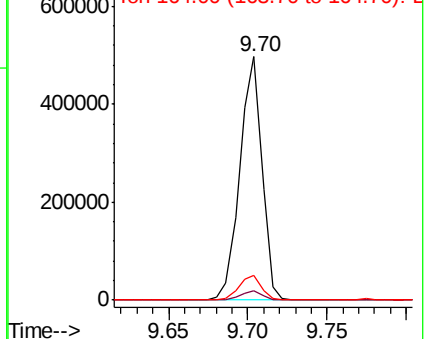
163 100

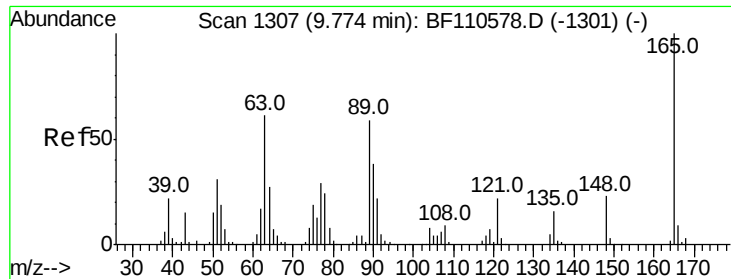
194 3.8 3.2 4.8

164 10.1 8.1 12.1



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

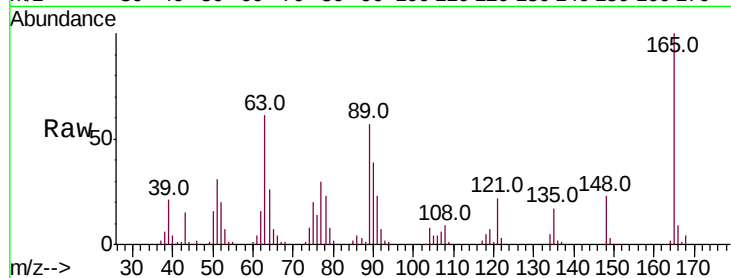




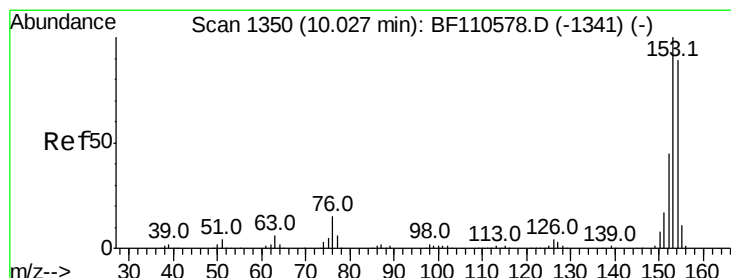
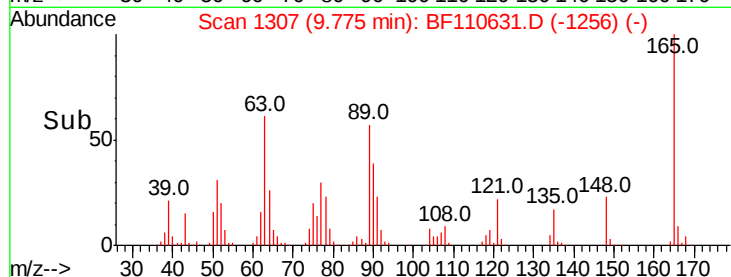
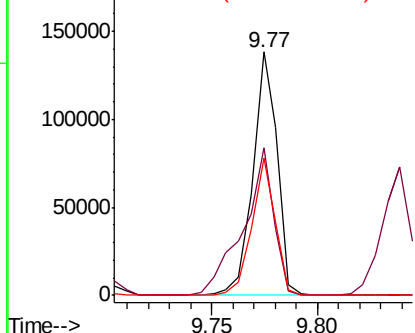
#51
2,6-Dinitrotoluene
Concen: 41.016 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.8	48.9	73.3
89	56.6	46.6	69.8

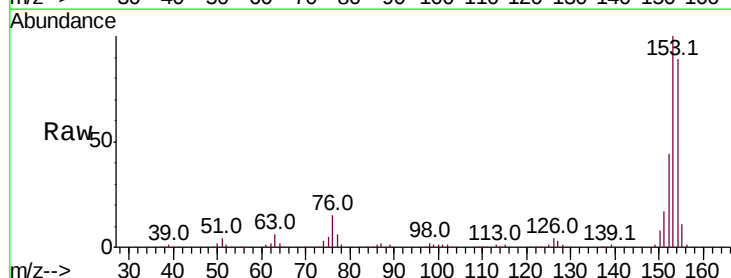


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

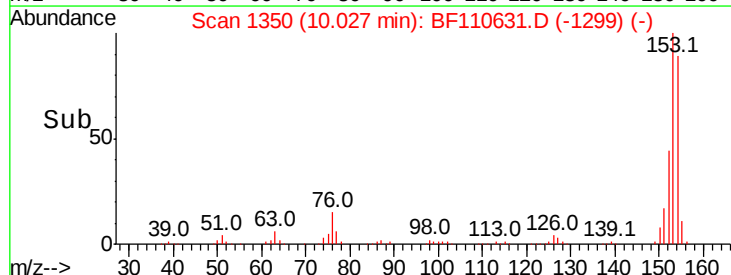
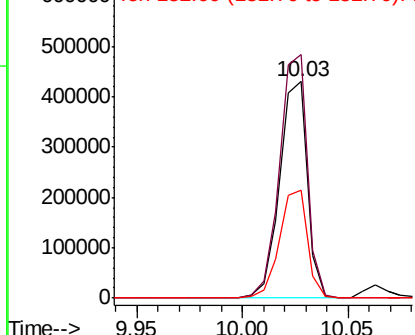


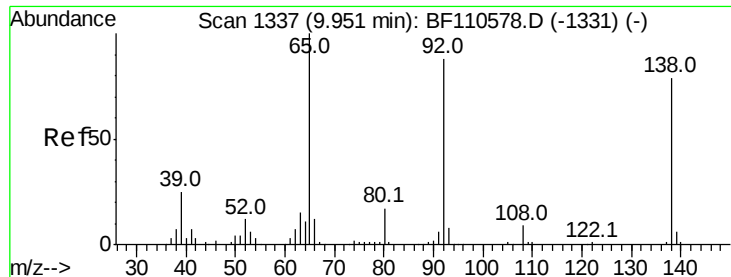
#52
Acenaphthene
Concen: 39.418 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.1	135.1
152	49.6	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

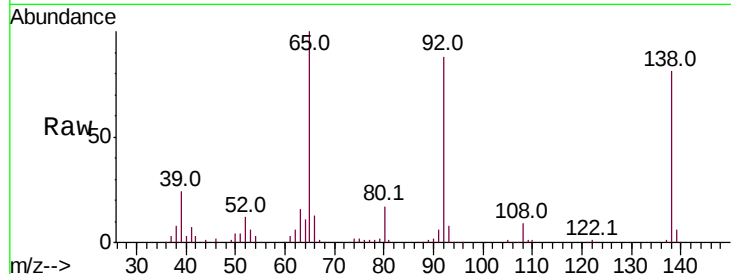




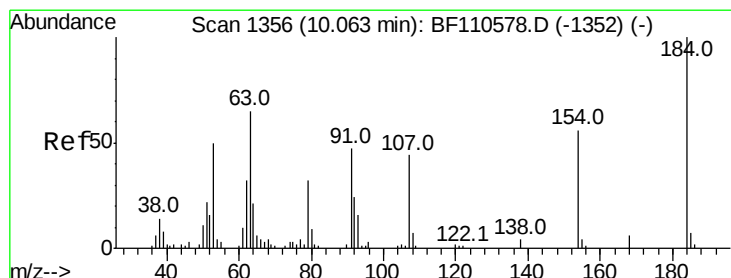
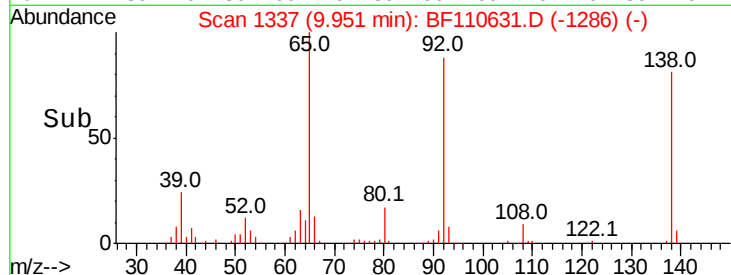
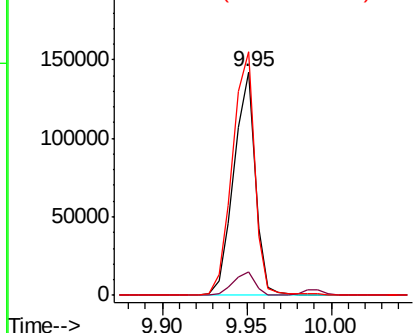
#53
3-Nitroaniline
Concen: 40.445 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 125835
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 109.1 97.0 145.4

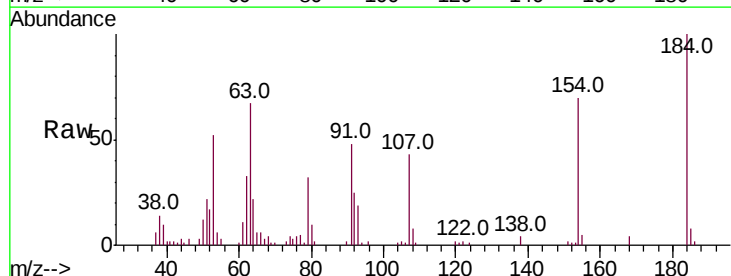


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

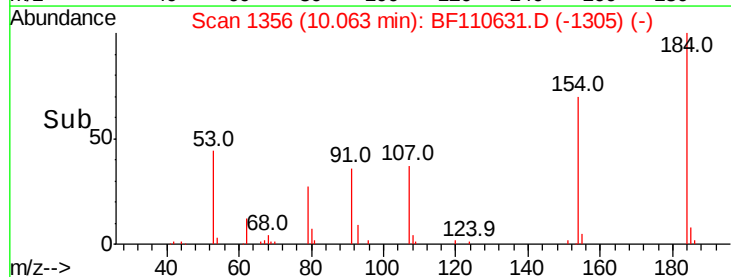
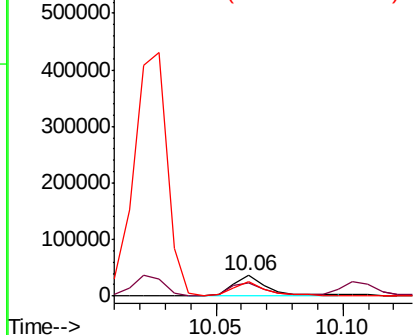


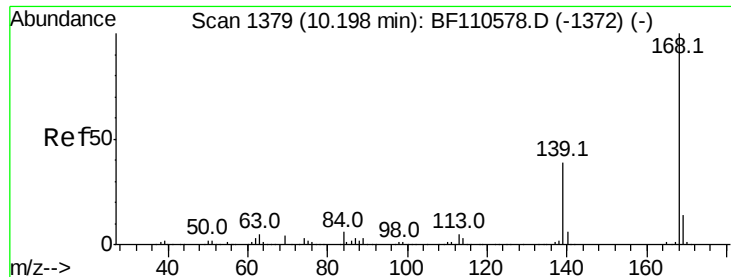
#54
2,4-Dinitrophenol
Concen: 34.809 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:184 Resp: 34219
Ion Ratio Lower Upper
184 100
63 66.6 55.8 83.6
154 69.6 63.2 94.8



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





#55

Dibenzenofuran

Concen: 39.323 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

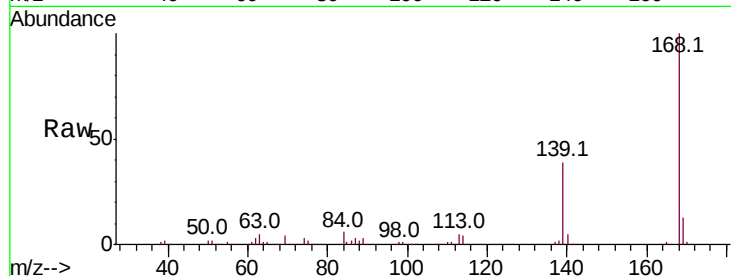
Tot Ion:168 Resp: 575731

Ion Ratio Lower Upper

168 100

139 39.4 33.0 49.6

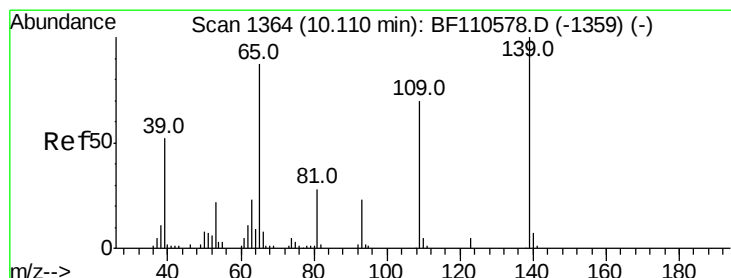
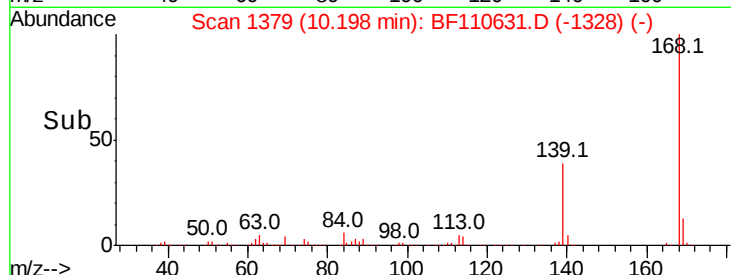
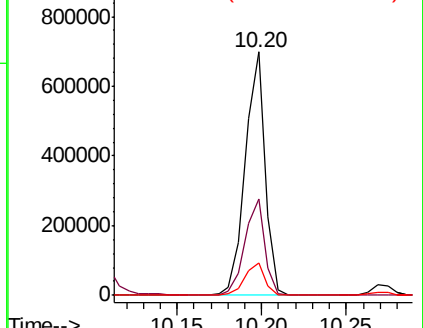
169 13.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.274 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

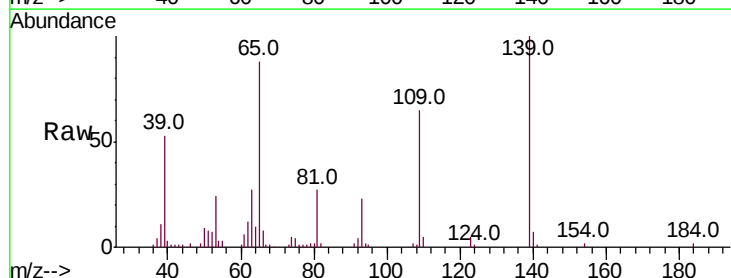
Tgt Ion:139 Resp: 85194

Ion Ratio Lower Upper

139 100

109 64.8 55.8 95.8

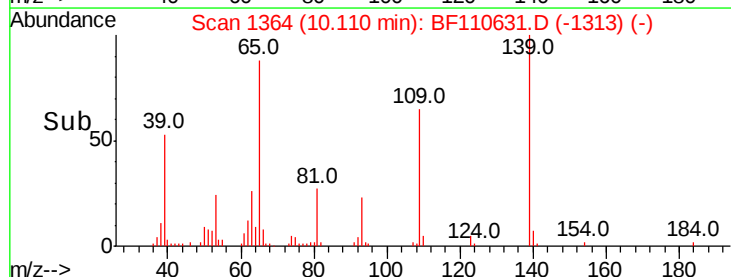
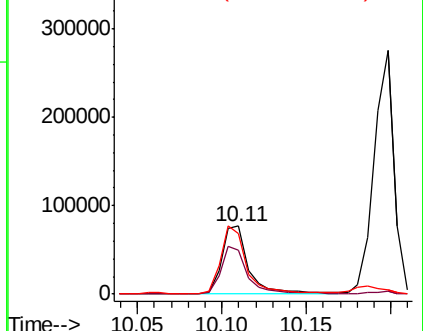
65 88.2 77.9 117.9

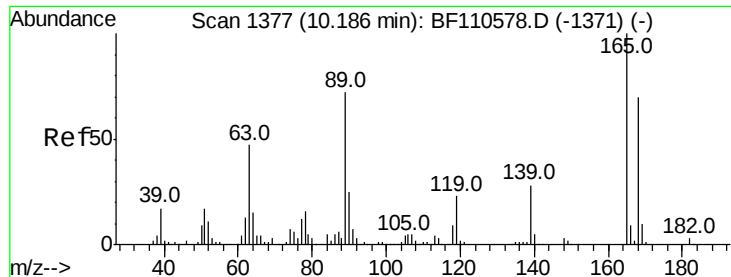


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

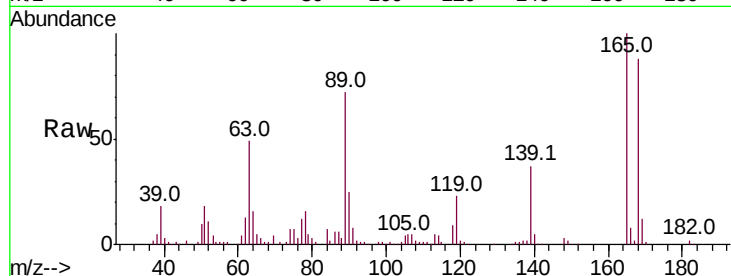




#57
2,4-Dinitrotoluene
Concen: 40.698 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.4	44.8	67.2
89	71.9	62.2	93.4
182	2.5	2.1	3.1



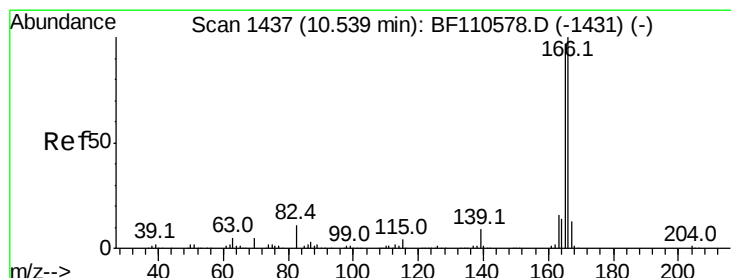
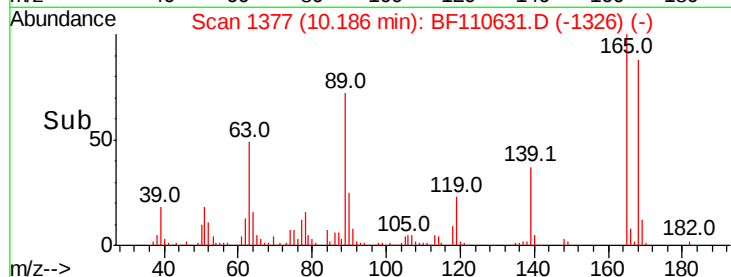
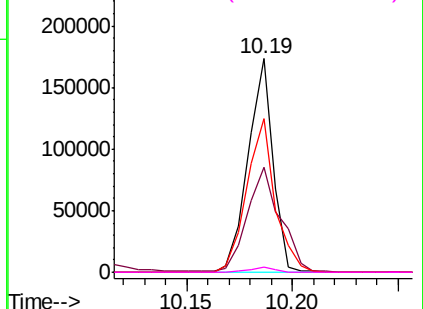
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

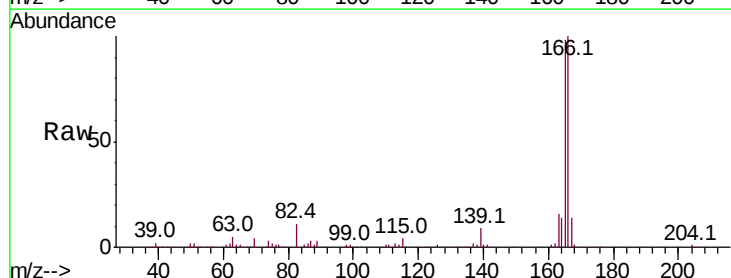
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.169 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.7	10.8	16.2

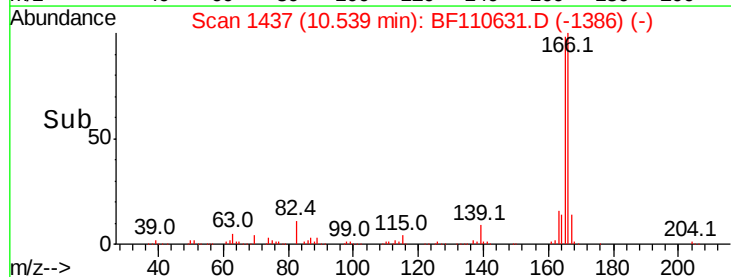
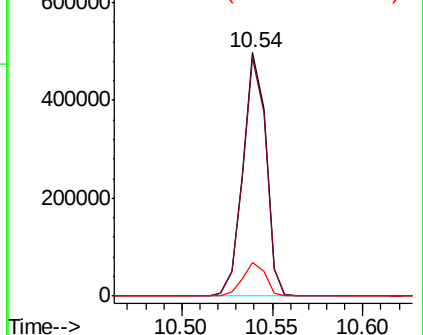


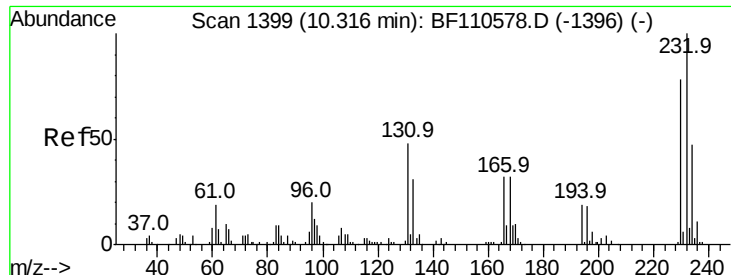
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

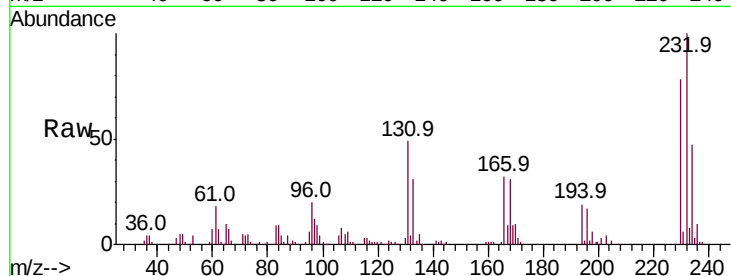




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.609 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.5	37.0	55.4
130	2.3	1.8	2.6
166	31.3	22.0	33.0



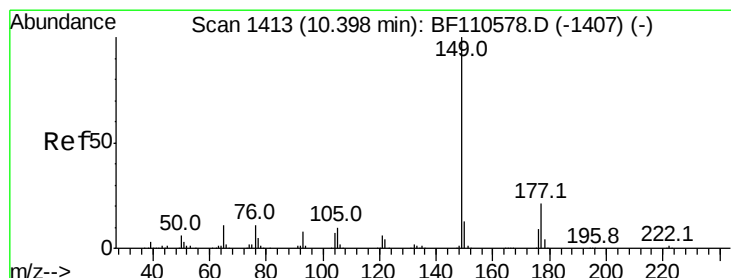
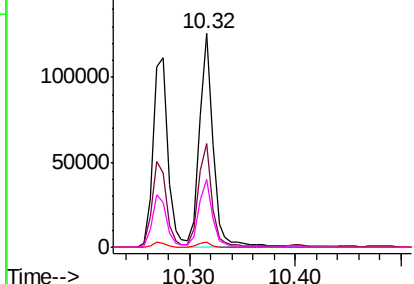
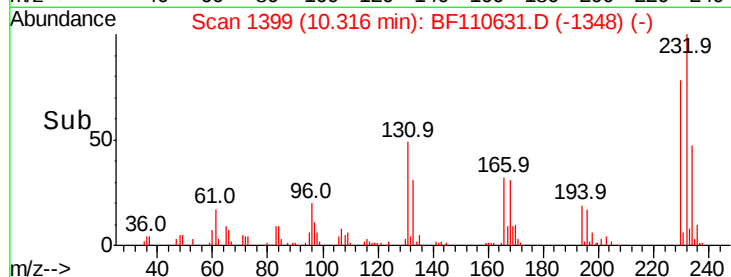
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

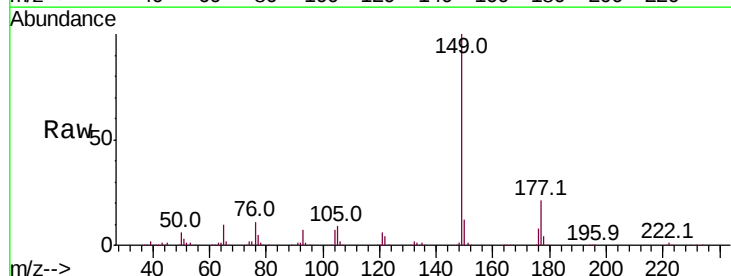
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.394 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.4	9.8	14.8

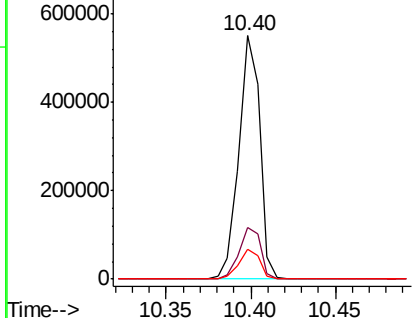
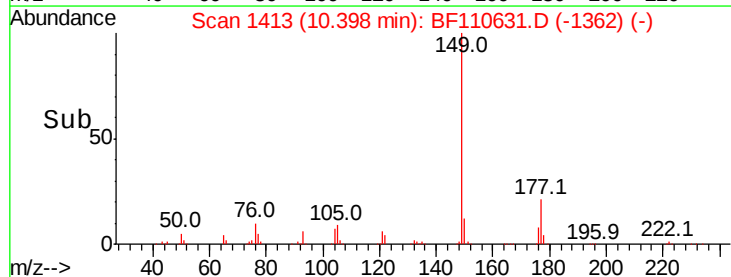


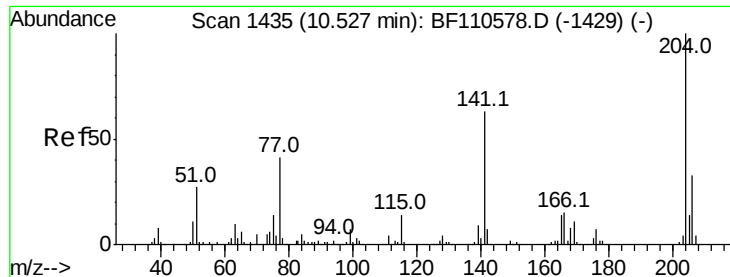
Abundance

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

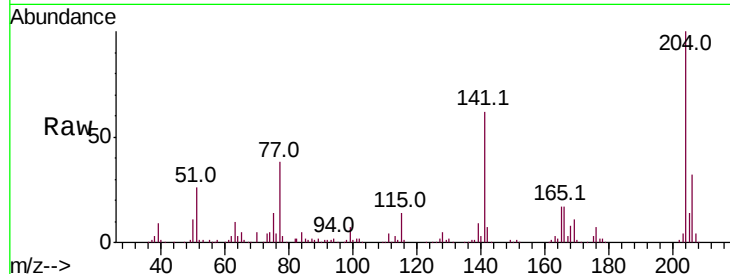




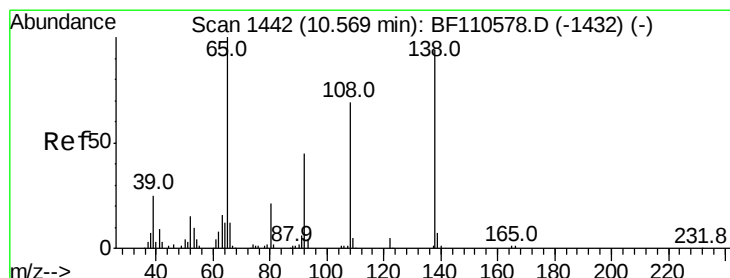
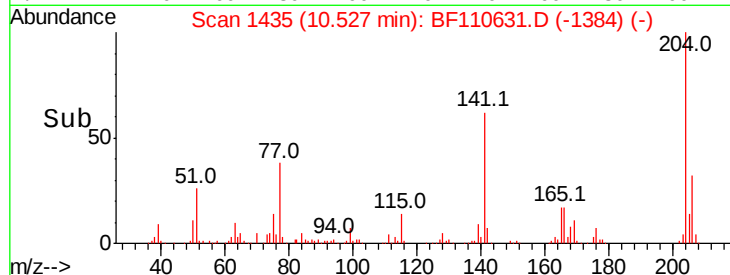
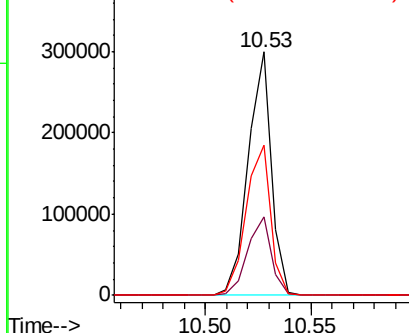
#61
4-Chlorophenyl-phenylether
Concen: 39.352 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 229134
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 61.6 51.8 77.8

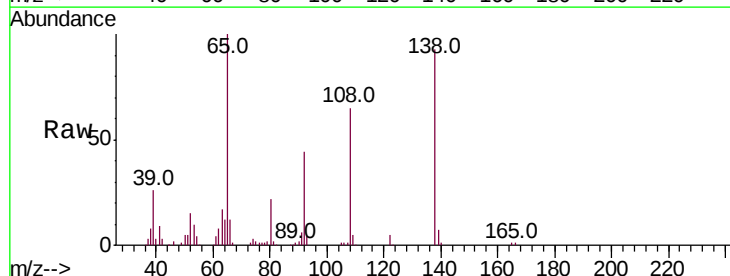


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

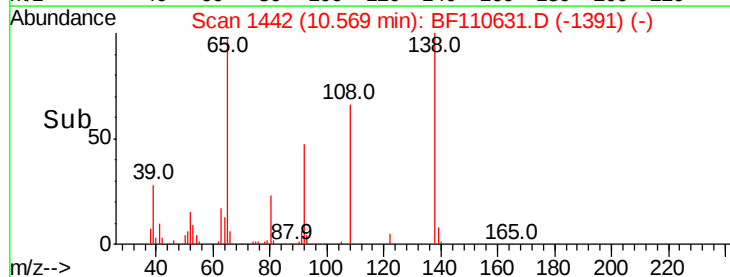
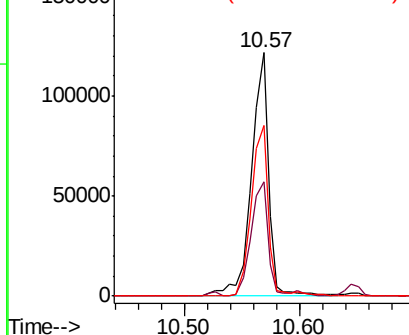


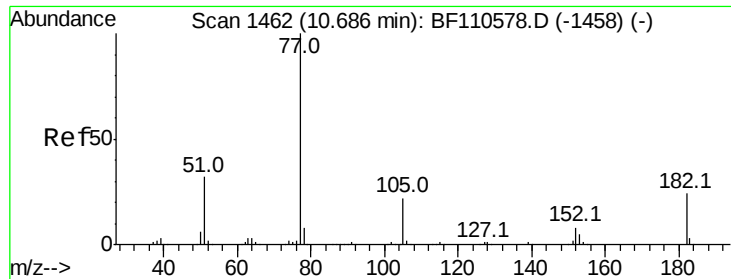
#62
4-Nitroaniline
Concen: 40.284 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:138 Resp: 126212
Ion Ratio Lower Upper
138 100
92 47.1 31.7 71.7
108 70.0 59.3 99.3



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

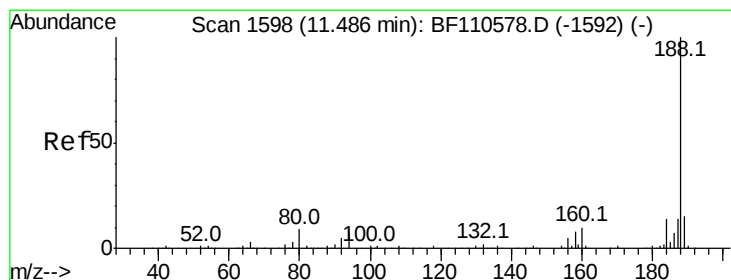
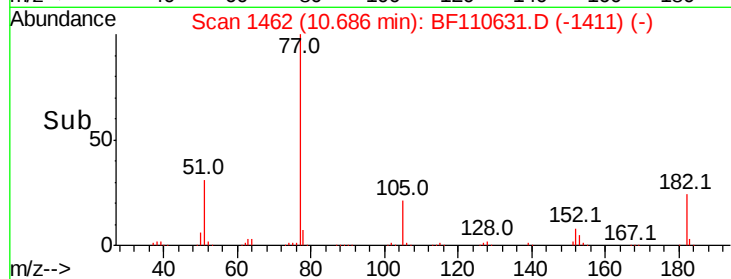
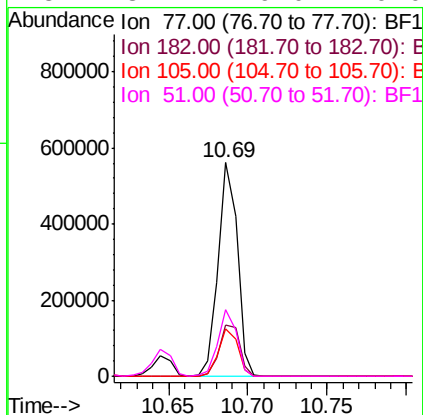
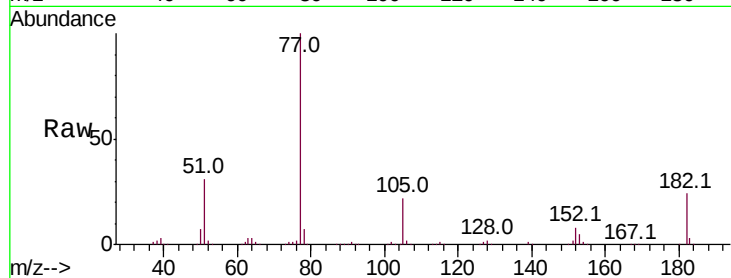




#63
Azobenzene
Concen: 40.140 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

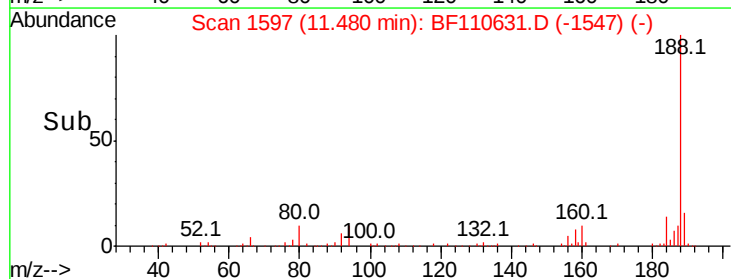
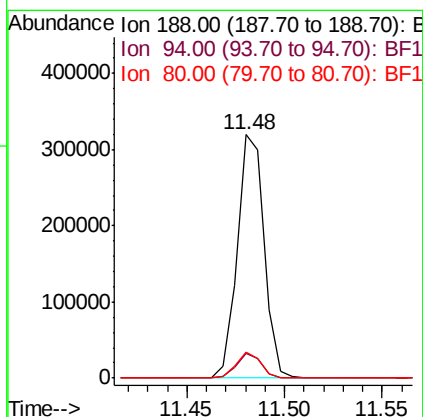
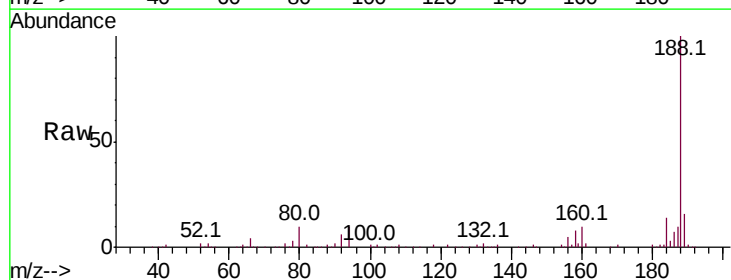
Instrument :
BNA_F
ClientSampleId :

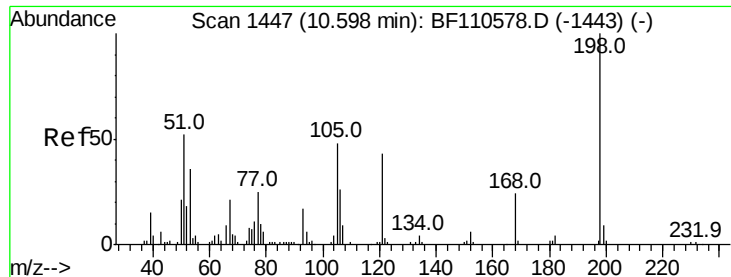
Tot Ion:	77	Resp:	472982
Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.3	44.3
105	22.2	1.3	41.3
51	31.4	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:	188	Resp:	303941
Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.4	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 36.850 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampled :

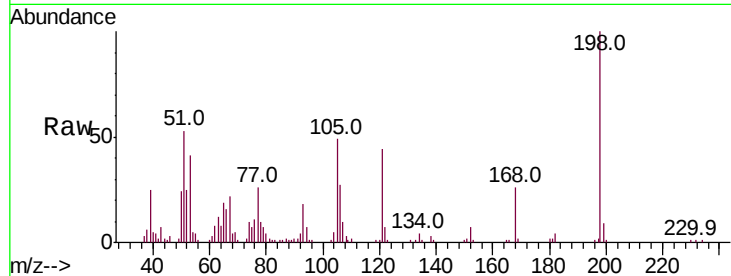
Tot Ion:198 Resp: 56448

Ion Ratio Lower Upper

198 100

51 53.2 22.8 62.8

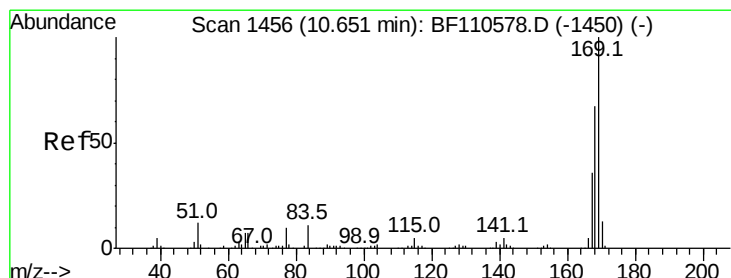
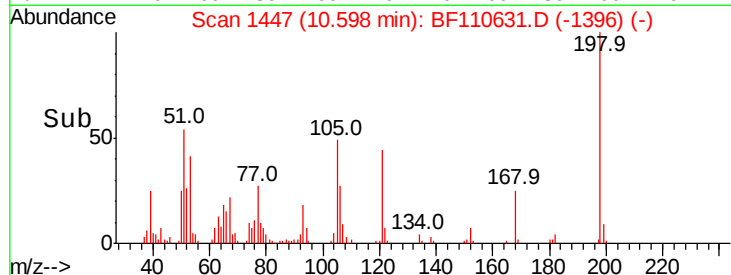
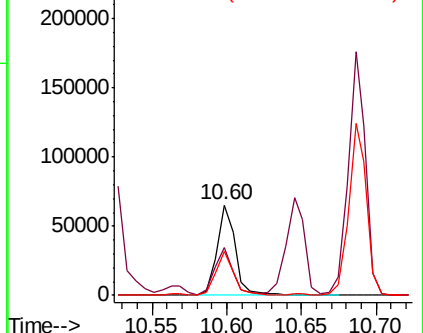
105 48.9 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.270 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

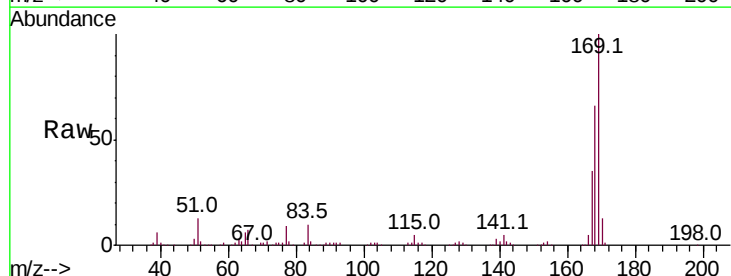
Tgt Ion:169 Resp: 412559

Ion Ratio Lower Upper

169 100

168 65.9 51.2 76.8

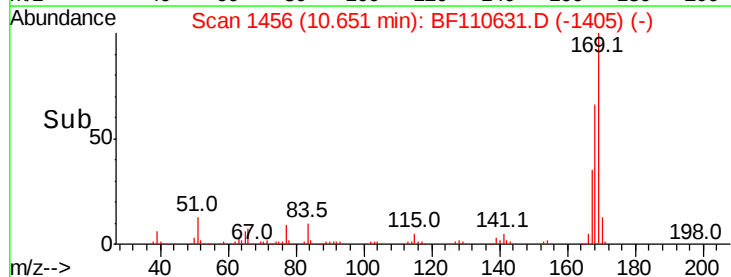
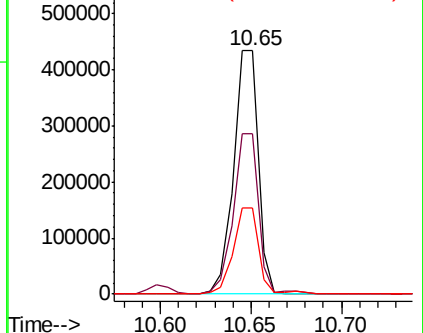
167 35.5 27.8 41.6

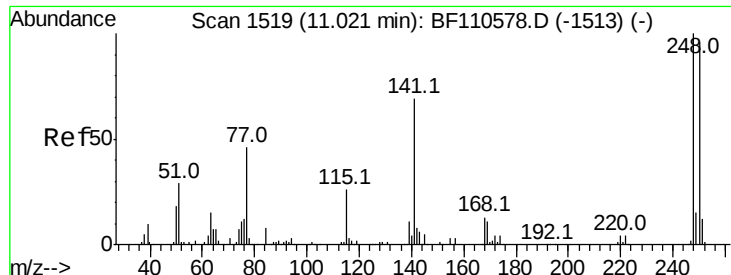


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

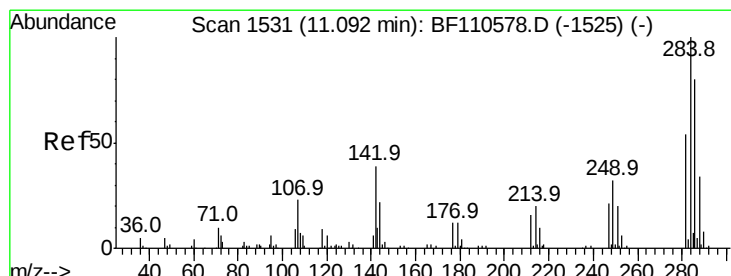
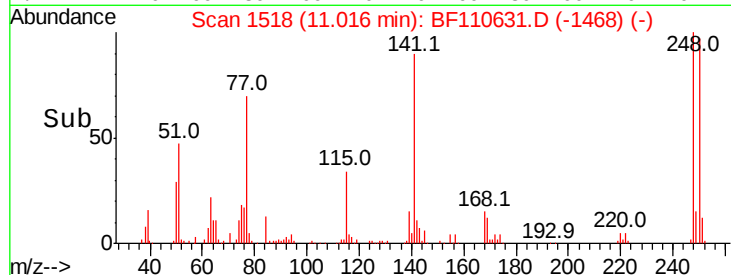
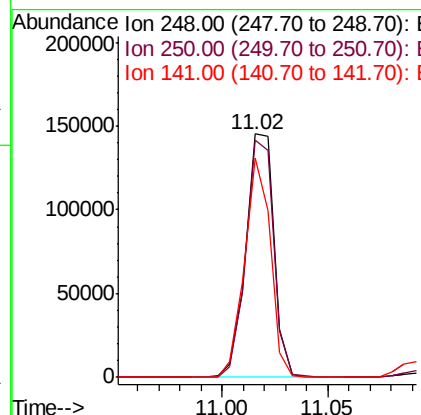
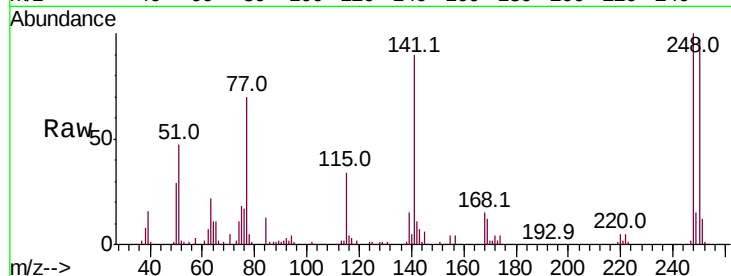




#67
 4-Bromophenyl-phenylether
 Concen: 40.006 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

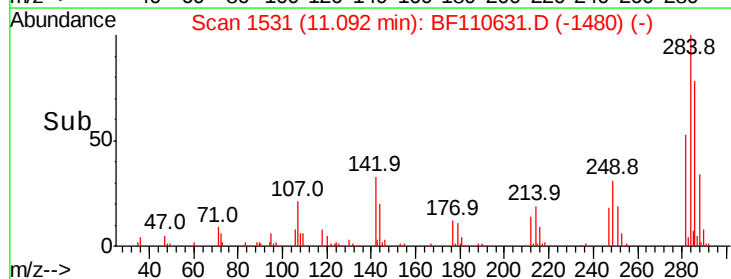
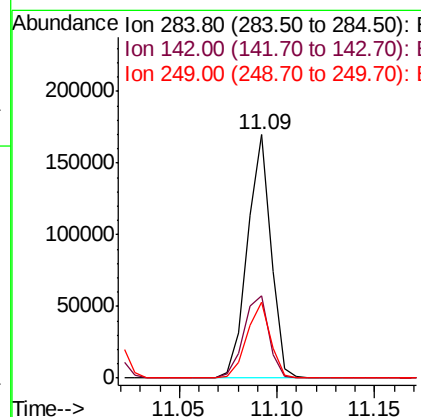
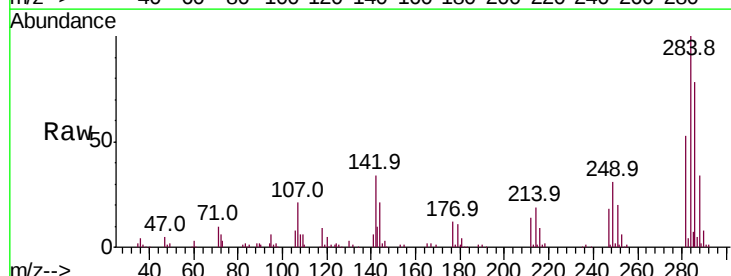
Instrument :
 BNA_F
 ClientSampleId :

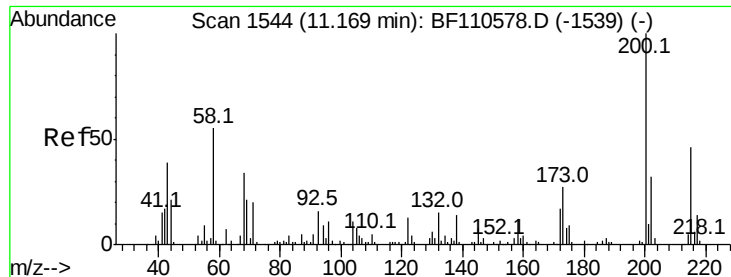
Tot Ion:248 Resp: 134387
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.4 119.2
 141 90.1 55.9 83.9#



#68
 Hexachlorobenzene
 Concen: 40.141 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion:284 Resp: 142161
 Ion Ratio Lower Upper
 284 100
 142 33.9 23.9 35.9
 249 31.1 24.2 36.2

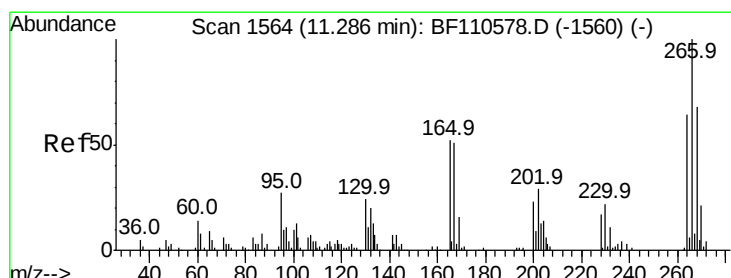
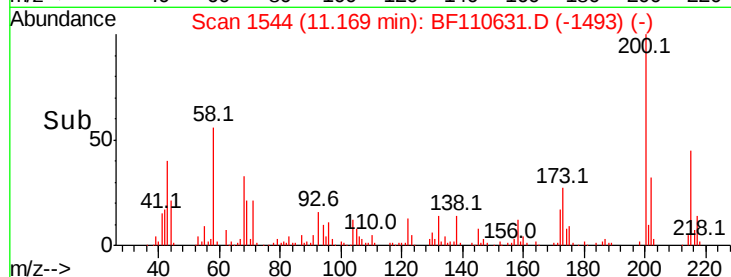
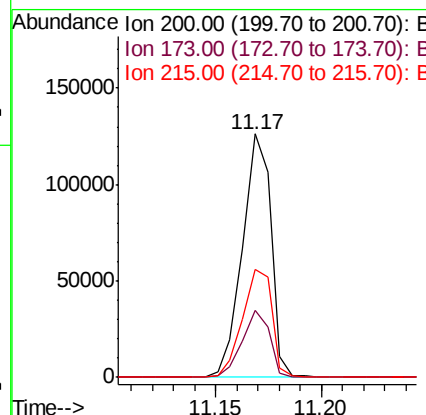
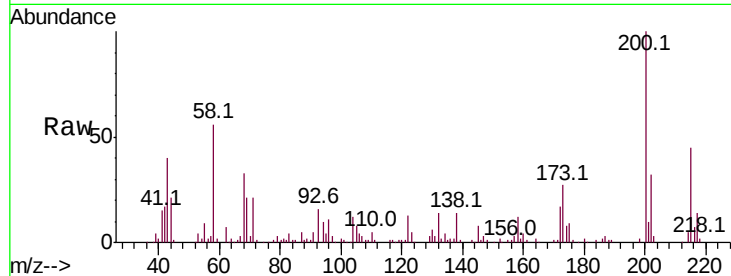




#69
Atrazine
Concen: 37.658 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

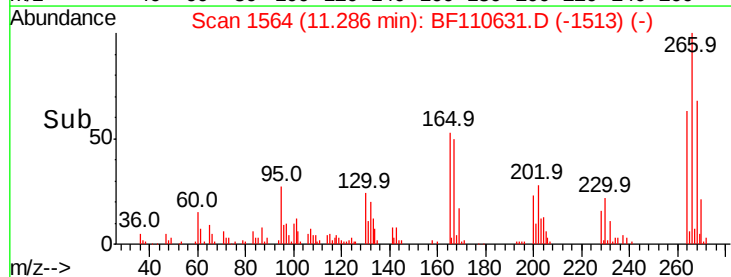
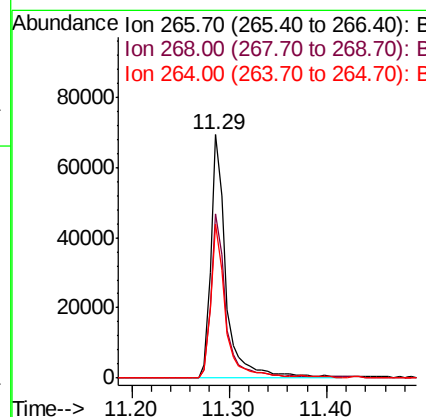
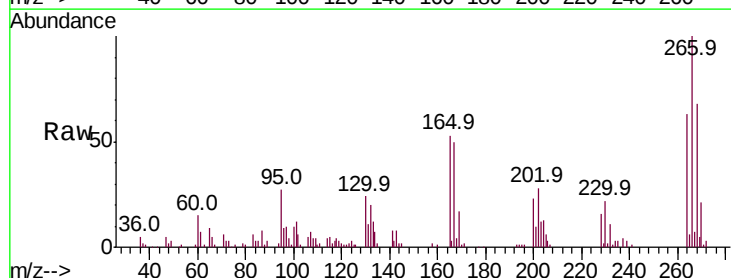
Instrument :
BNA_F
ClientSampleId :

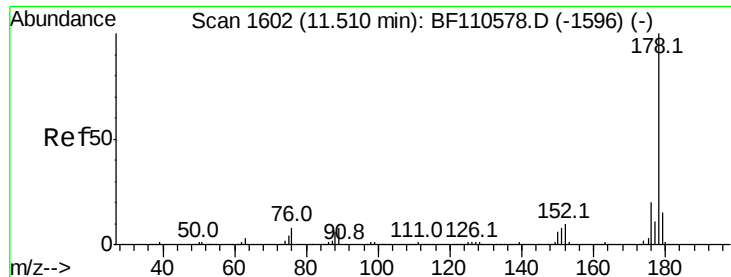
Tot Ion:200 Resp: 117962
Ion Ratio Lower Upper
200 100
173 27.3 6.6 46.6
215 44.6 26.3 66.3



#70
Pentachlorophenol
Concen: 39.967 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:266 Resp: 75527
Ion Ratio Lower Upper
266 100
268 67.6 50.6 75.8
264 63.4 50.6 75.8

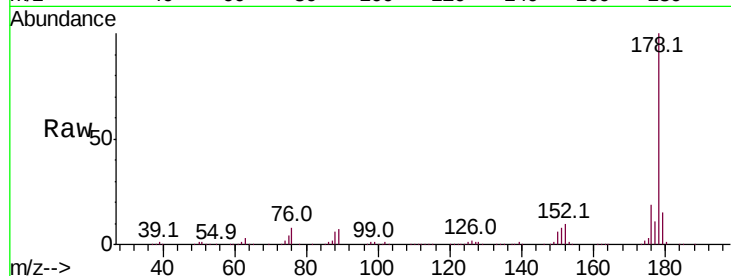




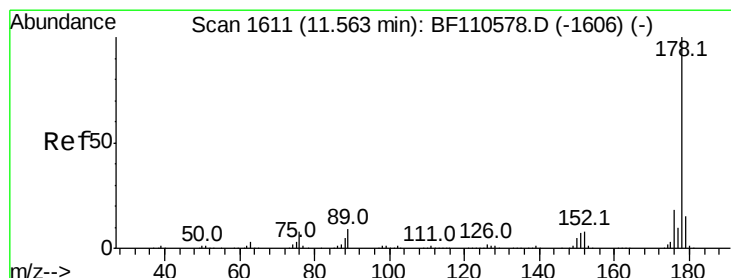
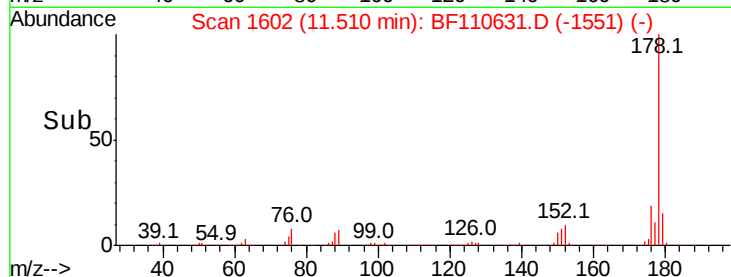
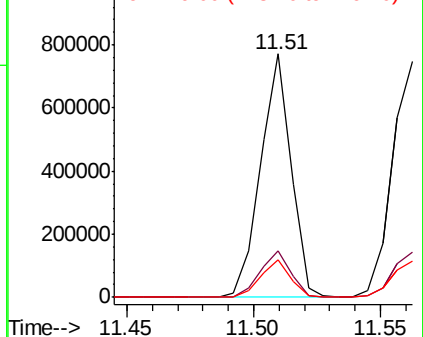
#71
Phenanthrene
Concen: 39.583 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 644561
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.3 12.5 18.7

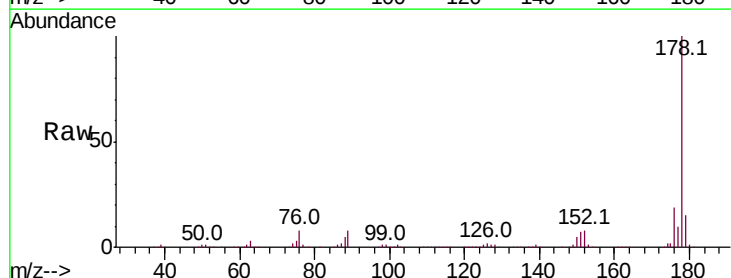


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

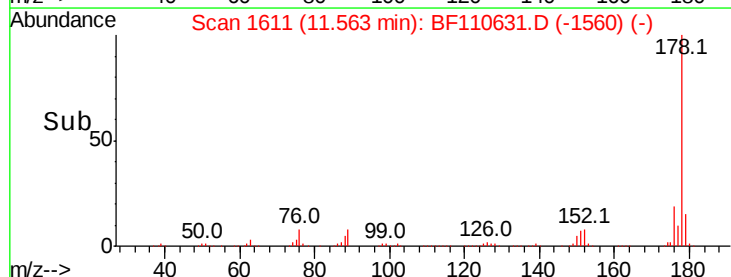
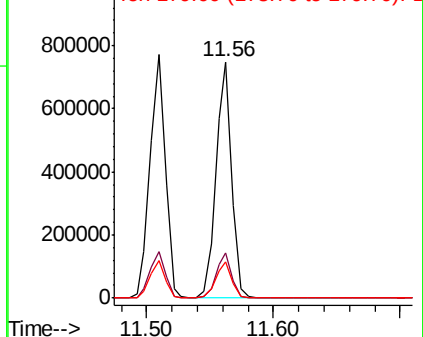


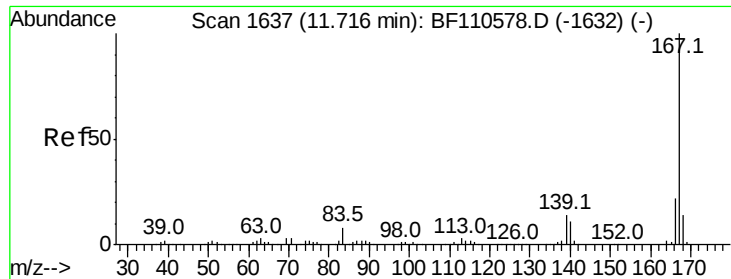
#72
Anthracene
Concen: 39.763 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:178 Resp: 653159
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 12.6 18.8



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

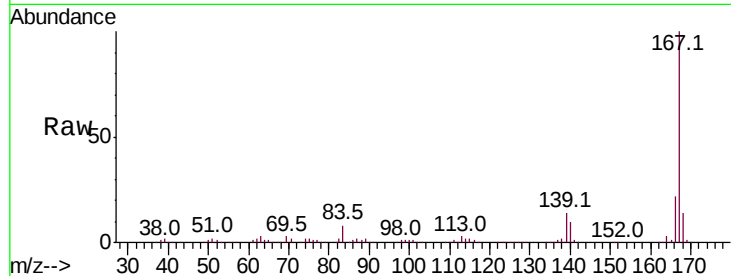




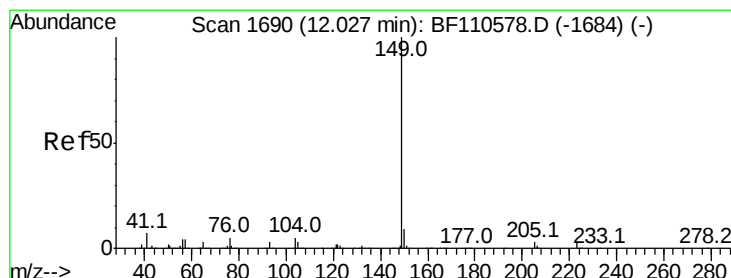
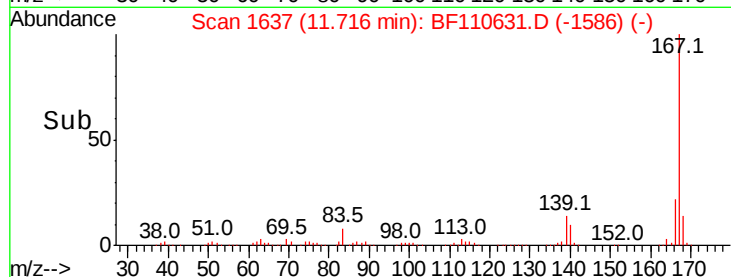
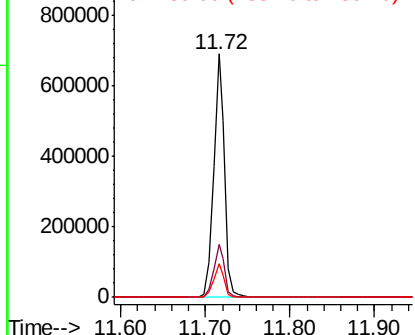
#73
 Carbazole
 Concen: 40.231 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 634654
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.8 10.9 16.3

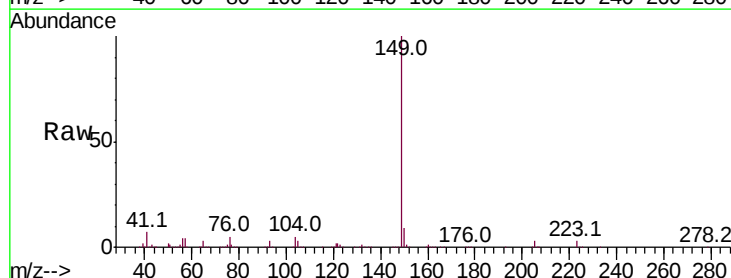


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

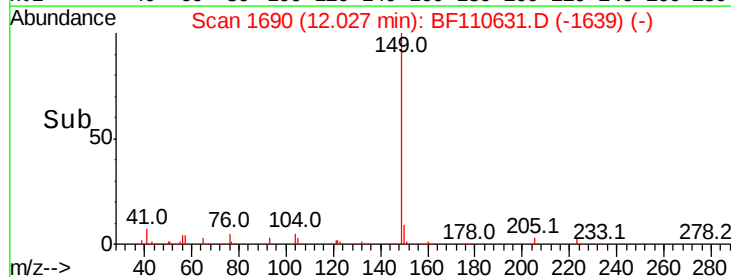
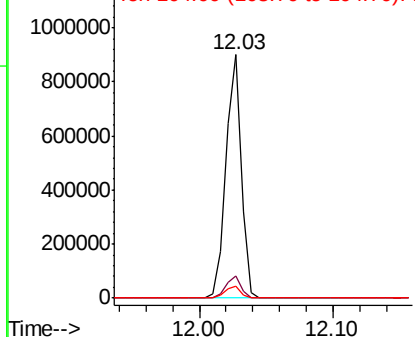


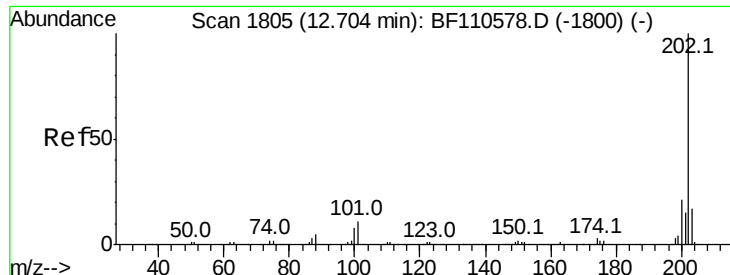
#74
 Di-n-butylphthalate
 Concen: 39.687 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion:149 Resp: 734173
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.9 4.2 6.4



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

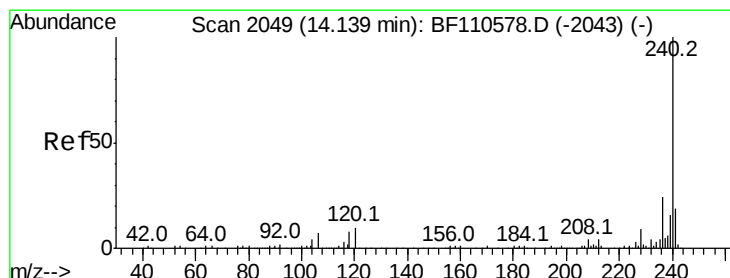
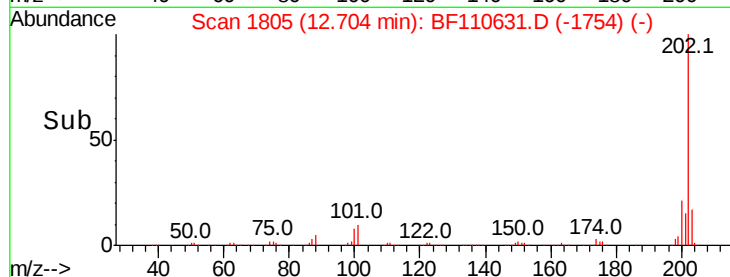
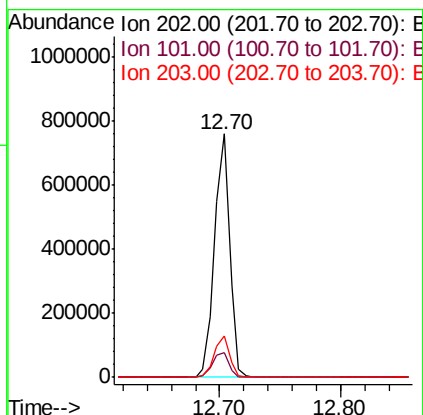
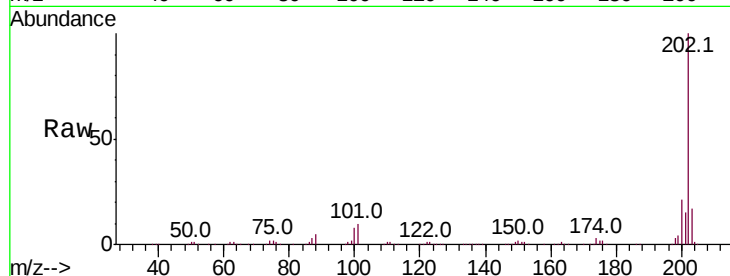




#75
Fluoranthene
 Concen: 39.898 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

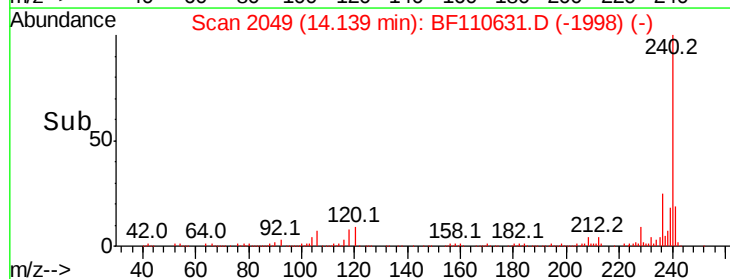
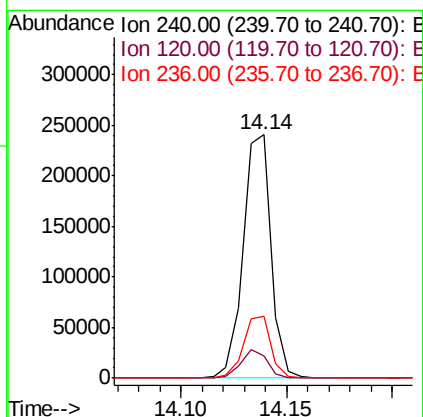
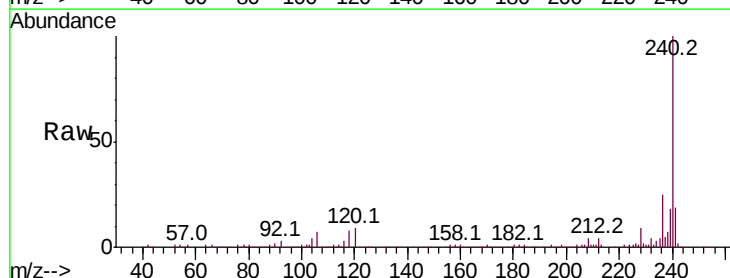
Instrument :
 BNA_F
 ClientSampled :

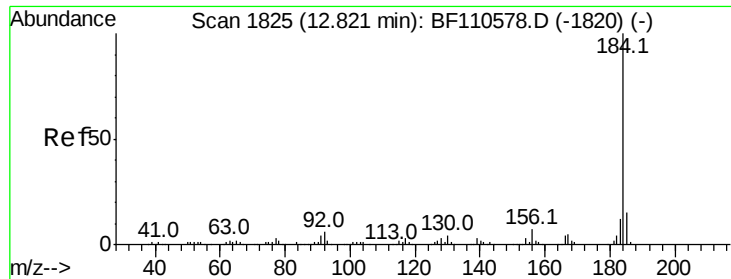
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	17.2	0.0	37.7



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110631.D
 Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	25.2	21.2	31.8





#77

Benzidine

Concen: 40.765 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

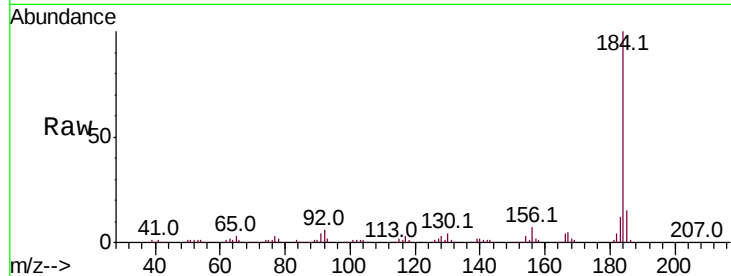
Tot Ion:184 Resp: 245890

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.2

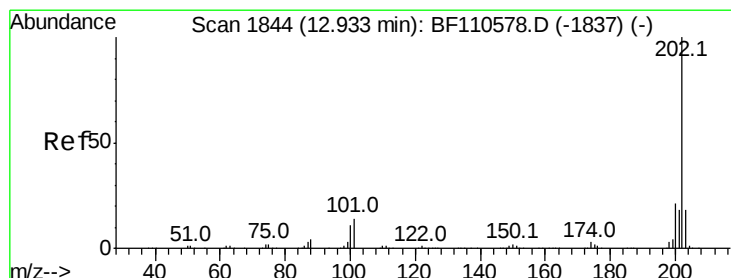
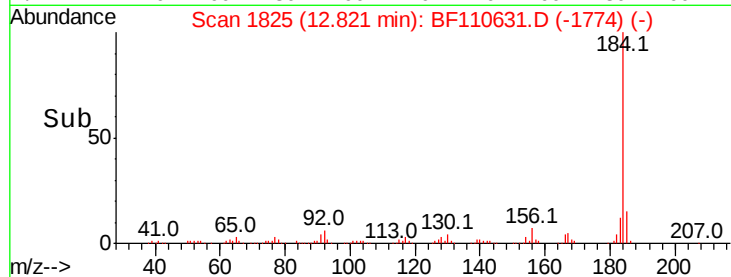
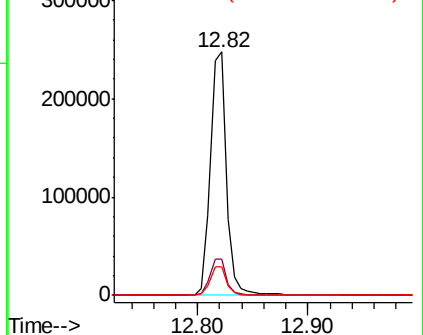
183 11.6 9.4 14.2



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: 39.076 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

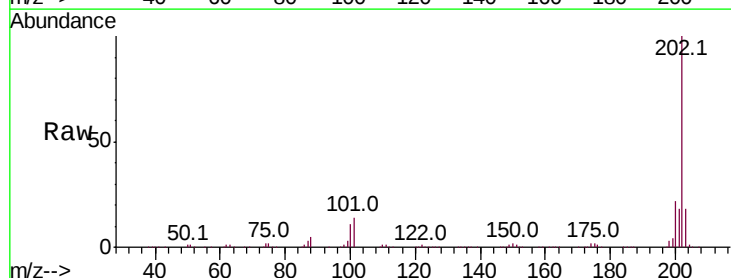
Tgt Ion:202 Resp: 659931

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

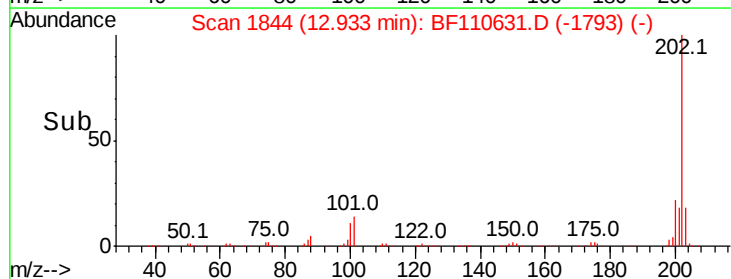
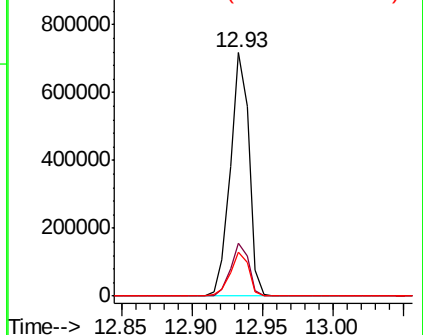
203 17.9 14.2 21.4

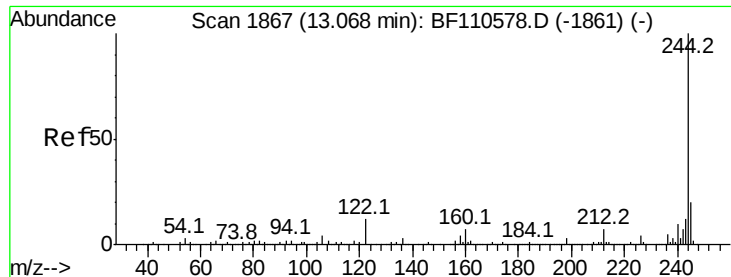


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.315 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

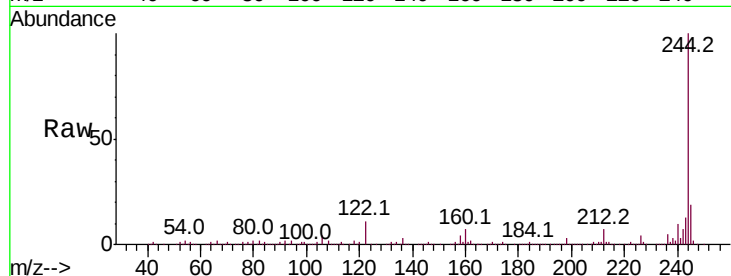
Tot Ion:244 Resp: 893807

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

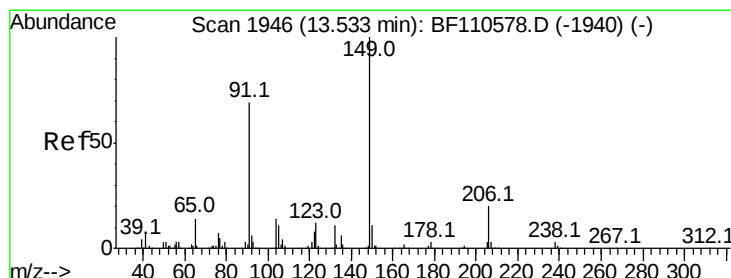
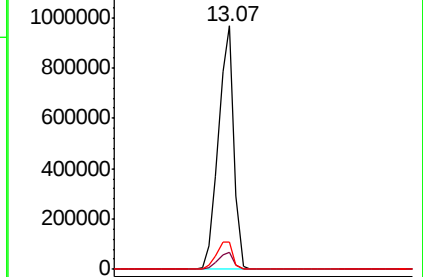
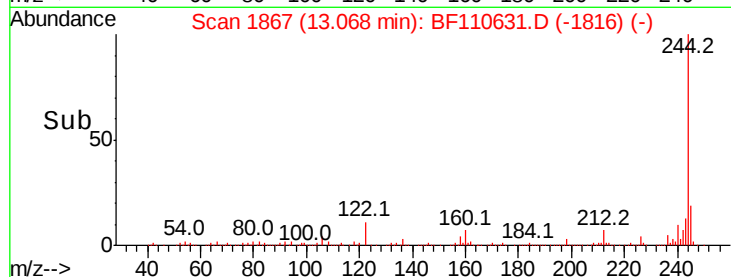
122 11.4 8.7 13.1



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: 40.286 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

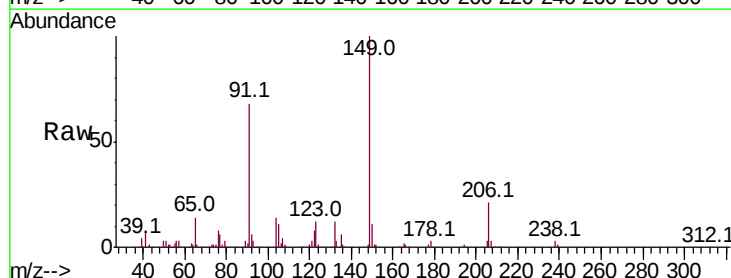
Tgt Ion:149 Resp: 292839

Ion Ratio Lower Upper

149 100

91 68.4 57.2 85.8

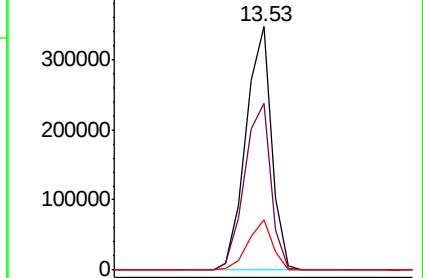
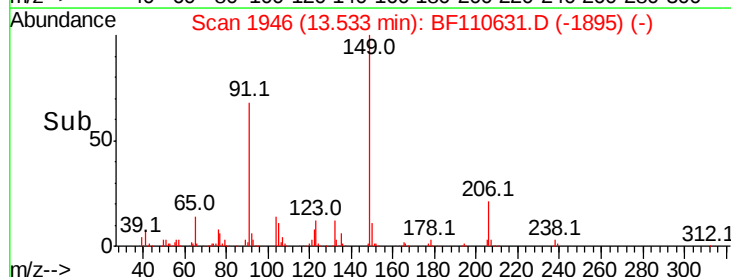
206 20.5 15.7 23.5

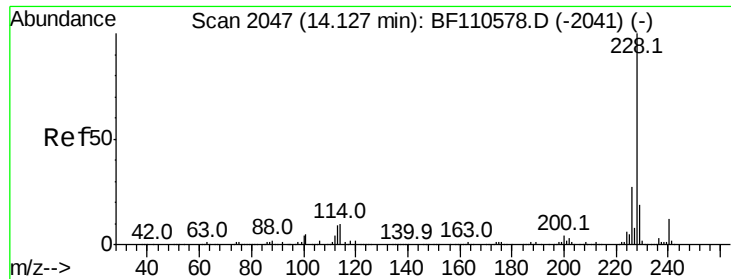


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

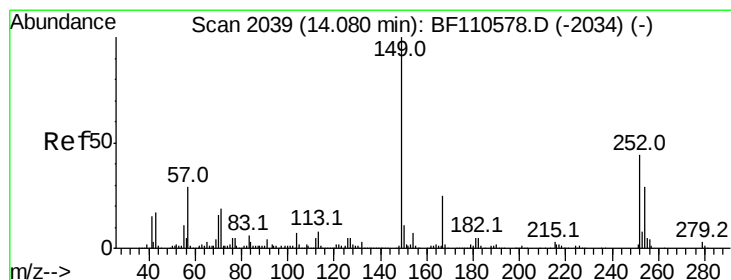
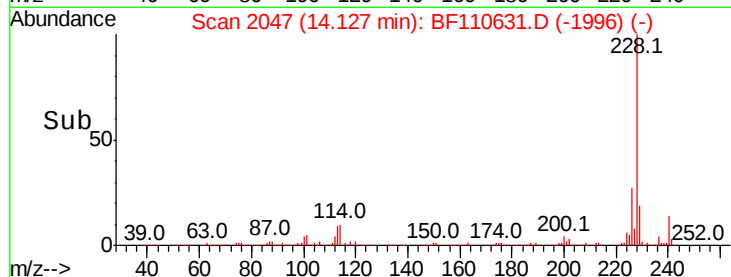
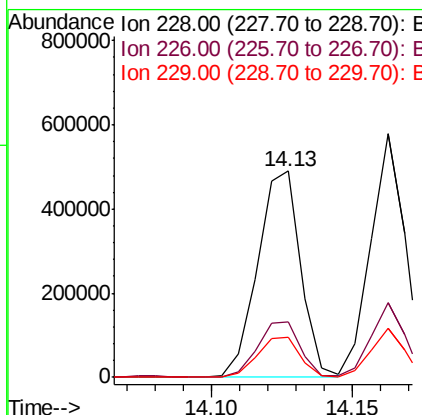
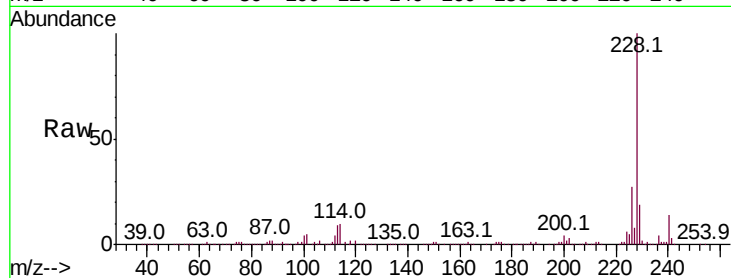




#81
Benzo(a)anthracene
Concen: 39.407 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

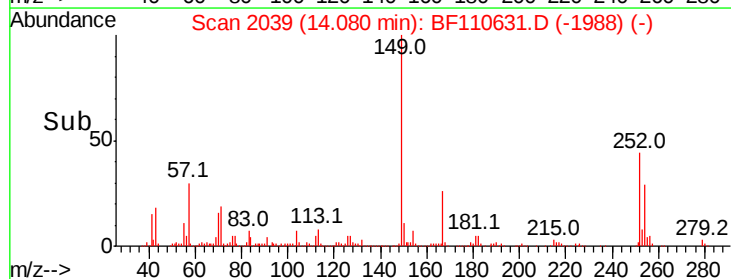
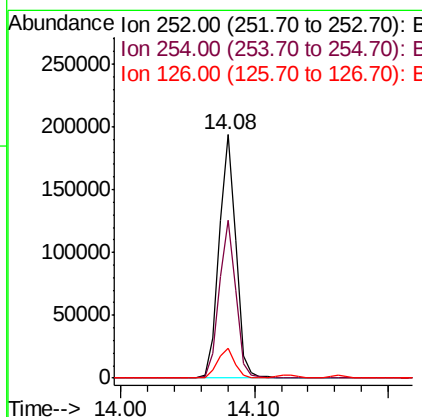
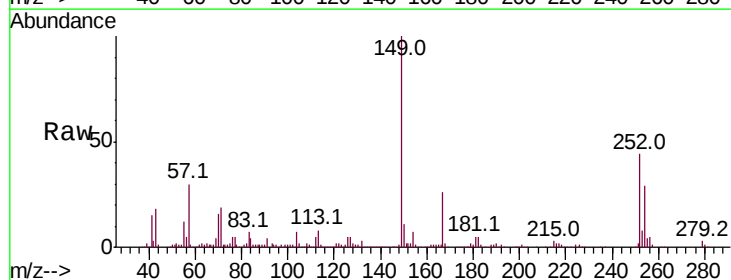
Instrument :
BNA_F
ClientSampleId :

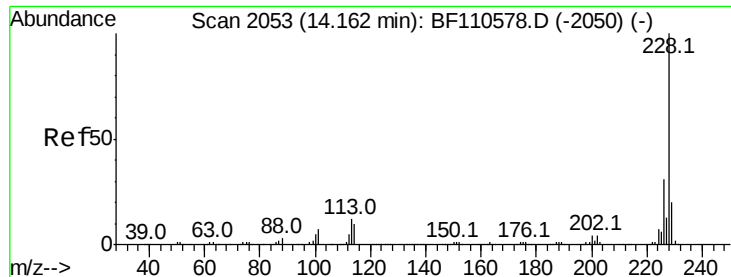
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.5	15.6	23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.455 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	12.0	9.4	14.2





#83

Chrysene

Concen: 38.710 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

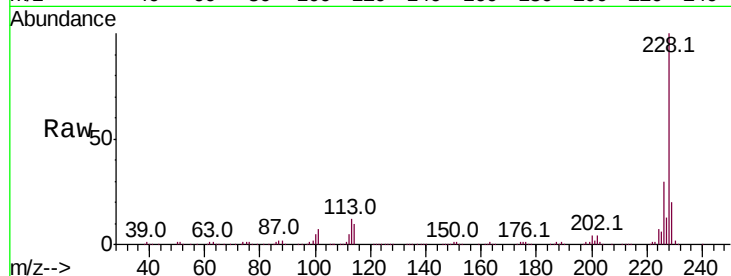
Tot Ion:228 Resp: 483490

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 19.9 15.9 23.9



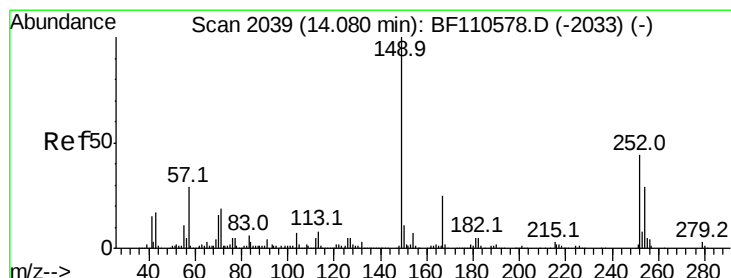
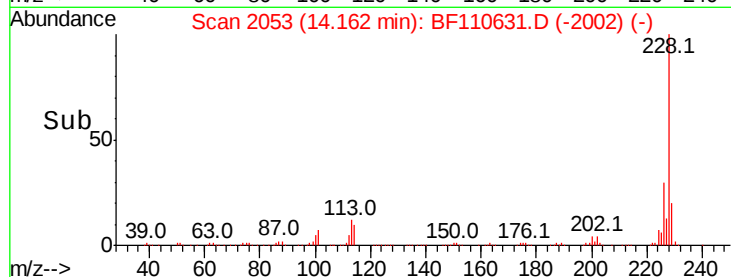
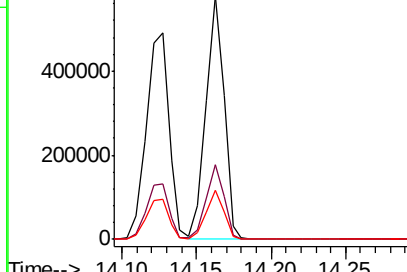
Abundance

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

14.16



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.498 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

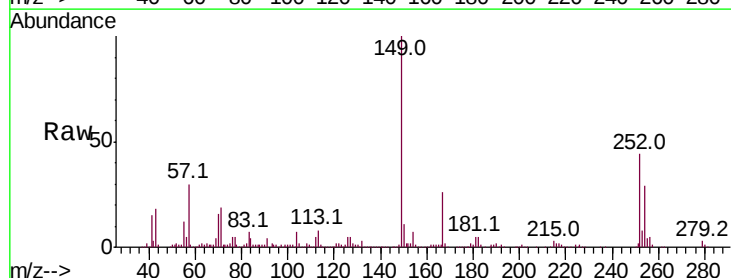
Tgt Ion:149 Resp: 365183

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

279 3.3 2.7 4.1



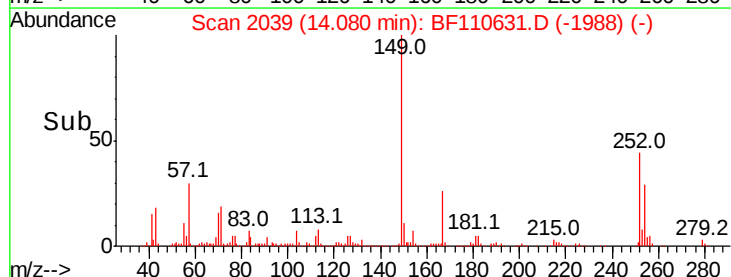
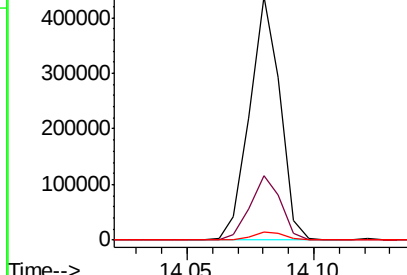
Abundance

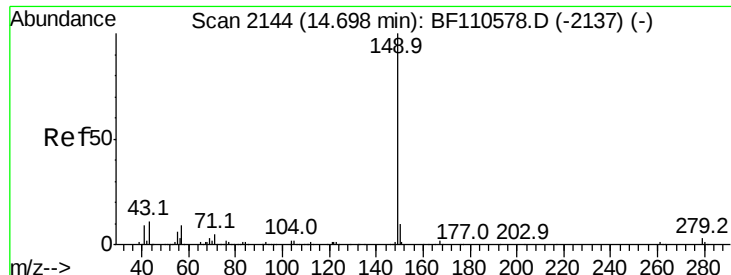
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.08





#85

Di-n-octyl phthalate

Concen: 41.510 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

Instrument :

BNA_F

ClientSampleId :

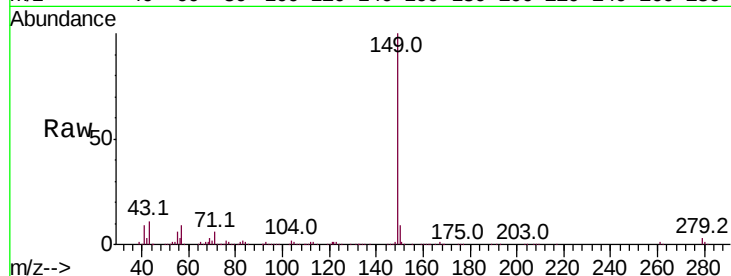
Tot Ion:149 Resp: 550443

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

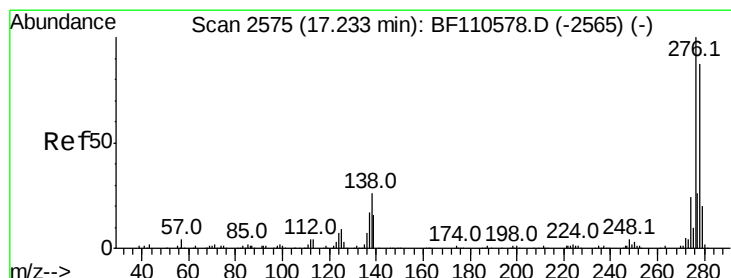
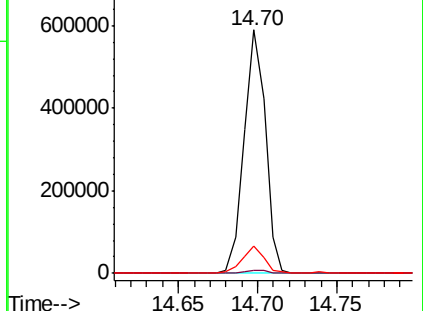
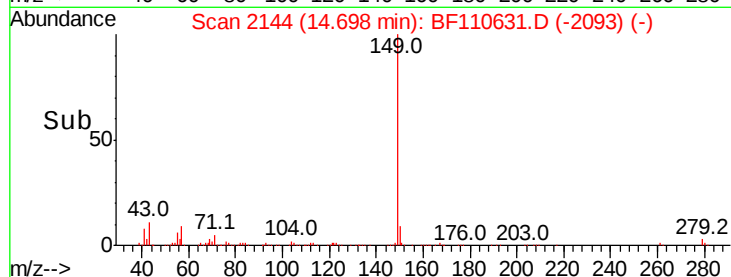
43 10.7 7.8 11.8



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: 37.343 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF110631.D

Acq: 9 Nov 2018 16:59

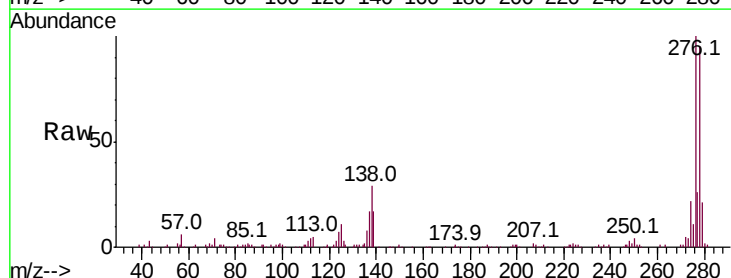
Tgt Ion:276 Resp: 334693

Ion Ratio Lower Upper

276 100

138 25.9 18.5 27.7

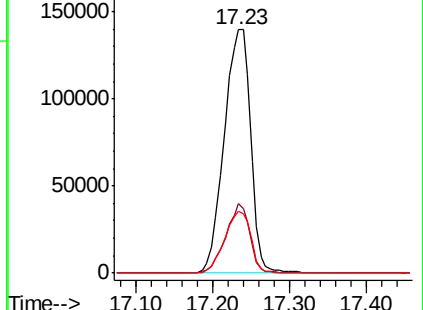
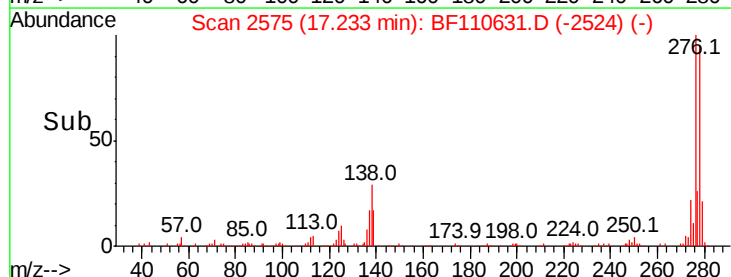
277 25.1 20.0 30.0

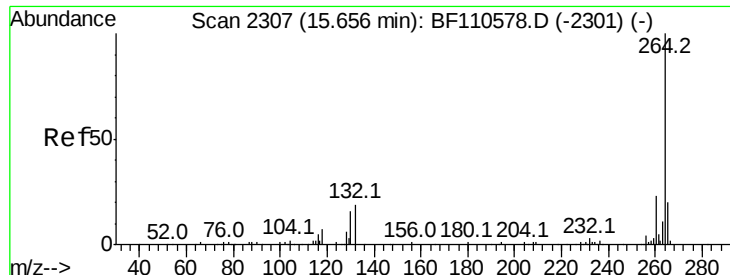


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



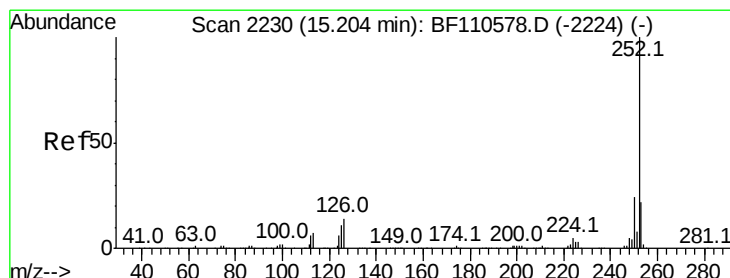
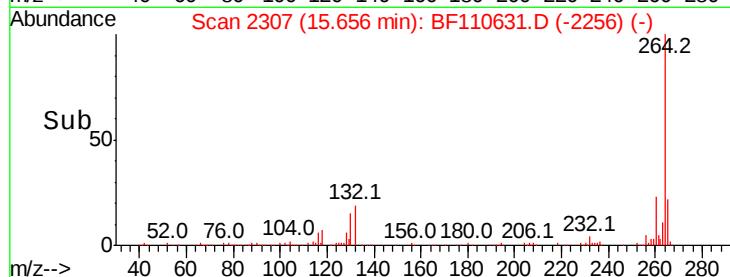
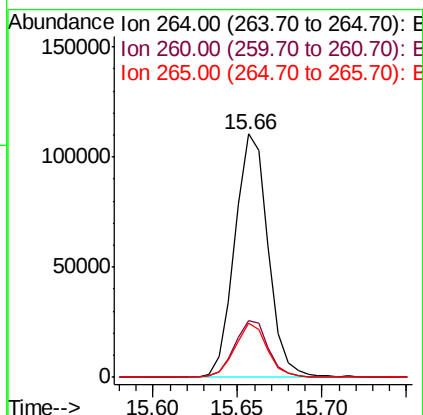
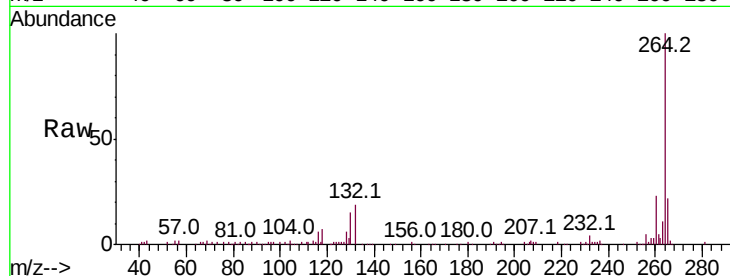


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 151447

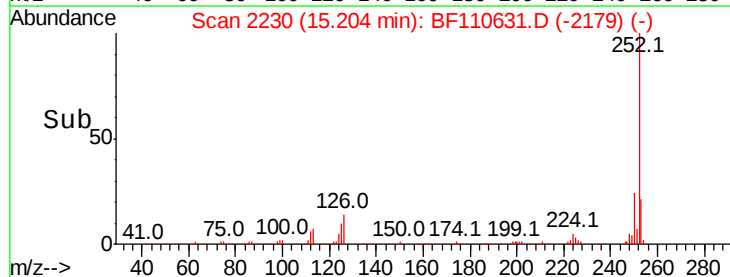
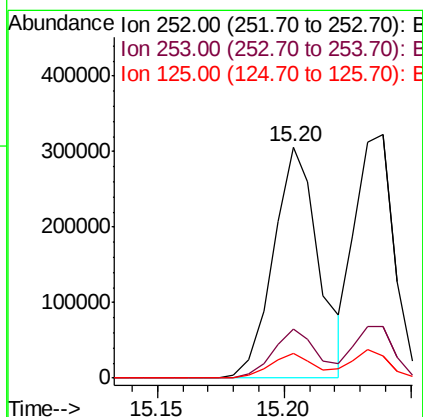
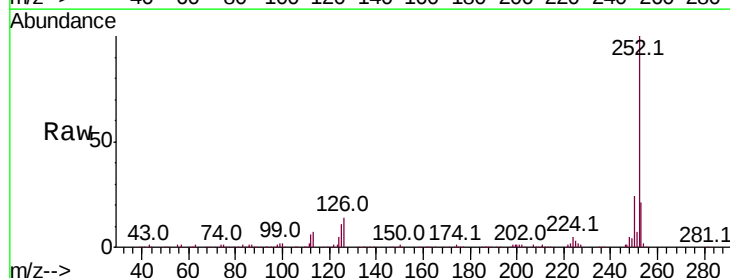
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.2	16.7	25.1

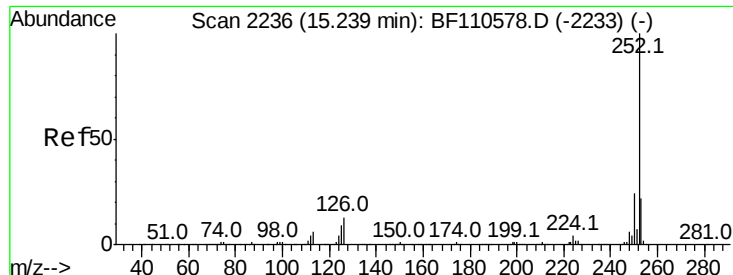


#88
Benzo(b)fluoranthene
Concen: 42.275 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:252 Resp: 383016

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.6	8.2	12.4

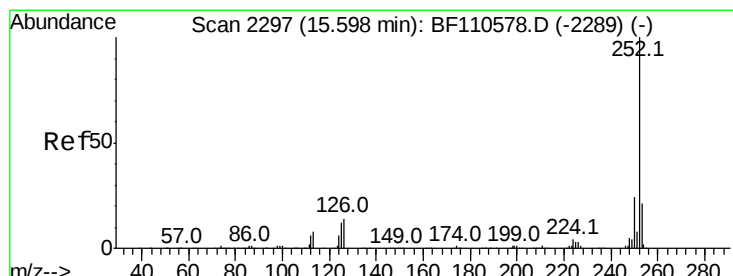
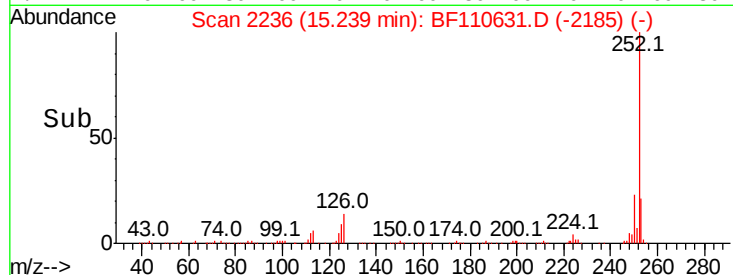
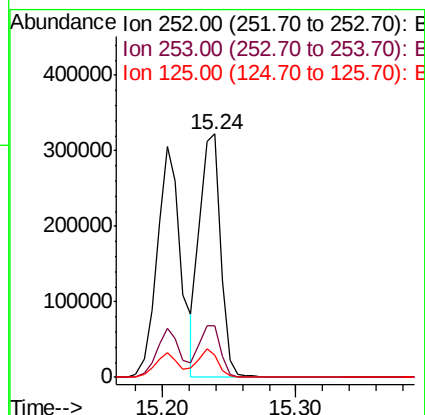
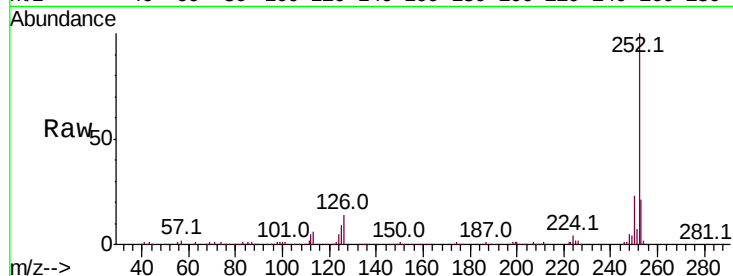




#89
Benzo(k)fluoranthene
Concen: 38.872 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

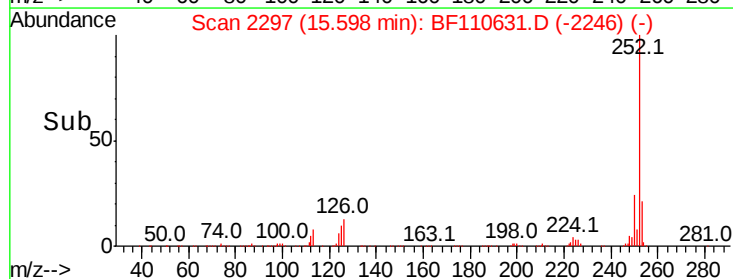
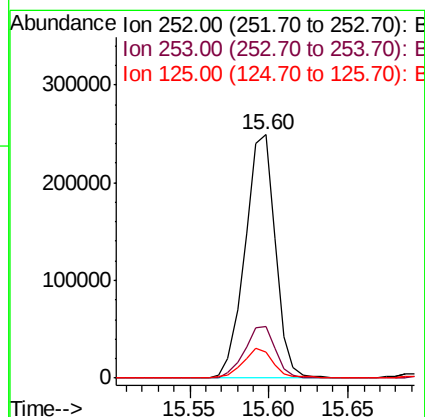
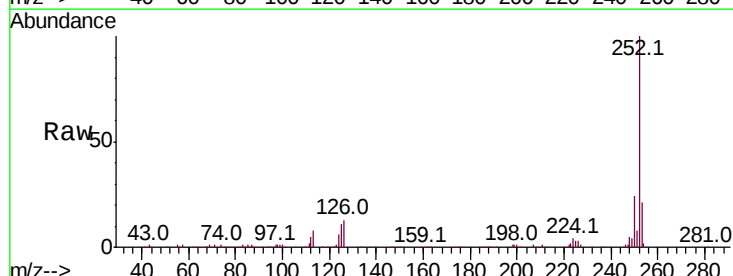
Instrument :
BNA_F
ClientSampleId :

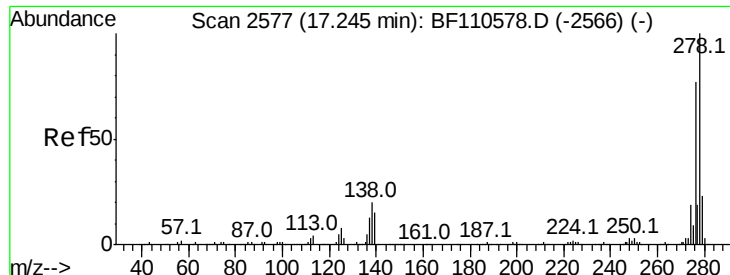
Tot Ion:252 Resp: 347998
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 9.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.135 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion:252 Resp: 330380
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 10.6 9.0 13.6

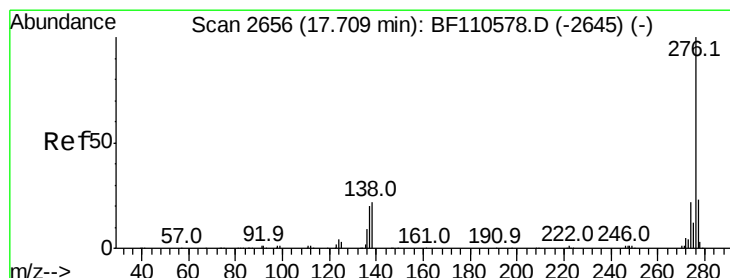
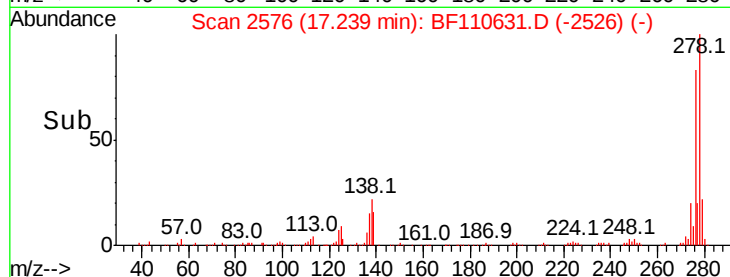
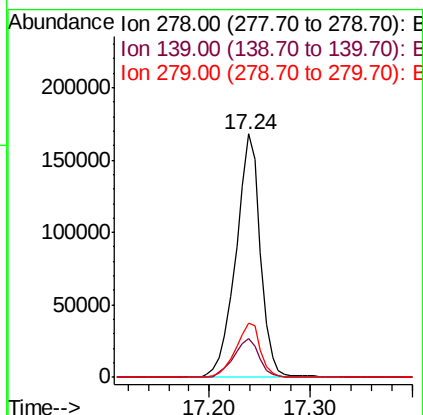
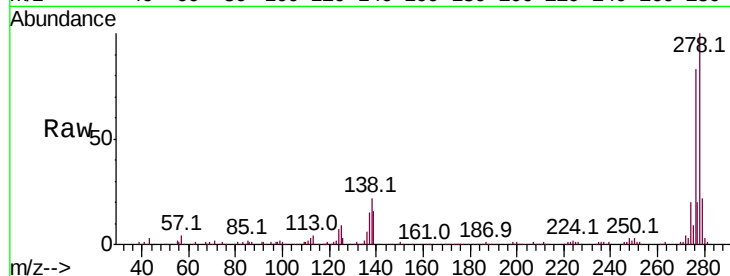




#91
Dibenzo(a,h)anthracene
Concen: 40.350 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	22.0	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 40.218 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110631.D
Acq: 9 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.6	16.0	24.0

