

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110067.D
 Acq On : 23 Oct 2018 00:23
 Operator : JU/SJ
 Sample : PB114045BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:13:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188762	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	738102	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	332237	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	533967	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	340755	20.00	ng	-0.01
87) Perylene-d12	15.67	264	262943	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	565662	47.50	ng	0.00
7) Phenol-d6	6.59	99	713994	48.29	ng	-0.02
23) Nitrobenzene-d5	7.53	82	637335	58.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	145652	50.64	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1186004	56.96	ng	-0.01
79) Terphenyl-d14	13.09	244	896735	55.26	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	105761	15.637	ng	90
3) Pyridine	3.68	79	300751	19.945	ng	88
4) n-Nitrosodimethylamine	3.63	42	136224	22.146	ng	# 95
6) Aniline	6.63	93	286161	14.360	ng	# 54
8) 2-Chlorophenol	6.75	128	311688	23.367	ng	99
9) Benzaldehyde	6.52	77	176634	18.382	ng	95
10) Phenol	6.60	94	362123	22.682	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	284195	21.290	ng	92
12) 1,3-Dichlorobenzene	6.91	146	325334	22.242	ng	97
13) 1,4-Dichlorobenzene	6.99	146	324615	22.037	ng	97
14) 1,2-Dichlorobenzene	7.14	146	310145	22.864	ng	98
15) Benzyl Alcohol	7.10	79	261059	22.948	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	471671	21.528	ng	67
17) 2-Methylphenol	7.21	107	249092	23.158	ng	# 80
18) Hexachloroethane	7.48	117	108665	20.874	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	207328	21.837	ng	96
20) 3+4-Methylphenols	7.36	107	318632	23.344	ng	95
22) Acetophenone	7.37	105	421020	24.596	ng	98
24) Nitrobenzene	7.55	77	311387	26.160	ng	93
25) Isophorone	7.79	82	565121	26.249	ng	95
26) 2-Nitrophenol	7.86	139	143888	29.155	ng	95
27) 2,4-Dimethylphenol	7.89	122	280320	27.032	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	362750	24.551	ng	99
29) 2,4-Dichlorophenol	8.10	162	252948	25.144	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	270600	24.024	ng	95
31) Naphthalene	8.27	128	873381	25.804	ng	100
32) Benzoic acid	7.97	122	96313	14.906	ng	92
33) 4-Chloroaniline	8.32	127	208058	13.675	ng	99
34) Hexachlorobutadiene	8.39	225	149875	24.130	ng	98
35) Caprolactam	8.68	113	52989	14.832	ng	96
36) 4-Chloro-3-methylphenol	8.79	107	259537	24.456	ng	96
37) 2-Methylnaphthalene	8.97	142	594331	27.118	ng	98
38) 1-Methylnaphthalene	9.07	142	566857	26.692	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	252038	24.629	ng	99

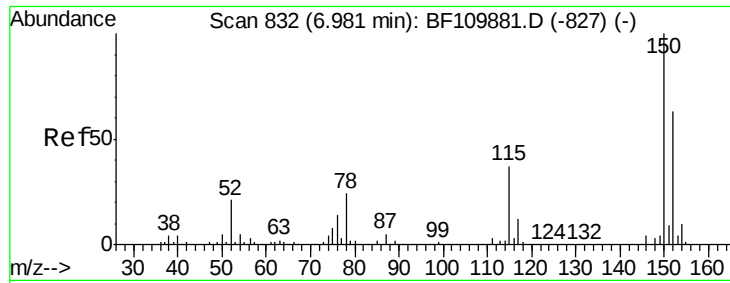
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110067.D
 Acq On : 23 Oct 2018 00:23
 Operator : JU/SJ
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Quant Time: Oct 23 02:13:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	140088	28.363	ng	99
43) 2,4,6-Trichlorophenol	9.24	196	161242	25.199	ng	96
44) 2,4,5-Trichlorophenol	9.28	196	174612	26.293	ng	94
46) 1,1'-Biphenyl	9.43	154	715585	24.174	ng	99
47) 2-Chloronaphthalene	9.46	162	540634	24.795	ng	99
48) 2-Nitroaniline	9.55	65	168864	30.178	ng	94
49) Acenaphthylene	9.87	152	823849	26.009	ng	98
50) Dimethylphthalate	9.72	163	630072	26.783	ng	99
51) 2,6-Dinitrotoluene	9.79	165	128877	28.843	ng	85
52) Acenaphthene	10.05	154	509626	25.271	ng	98
53) 3-Nitroaniline	9.96	138	123316	22.688	ng	89
54) 2,4-Dinitrophenol	10.06	184	20274	21.566	ng	95
55) Dibenzofuran	10.22	168	716338	24.908	ng	97
56) 4-Nitrophenol	10.12	139	261385	63.025	ng	91
57) 2,4-Dinitrotoluene	10.19	165	162339	30.598	ng	92
58) Fluorene	10.56	166	544409	26.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	132178	25.113	ng	97
60) Diethylphthalate	10.42	149	602906	25.948	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	267608	24.539	ng	99
62) 4-Nitroaniline	10.57	138	123194	23.944	ng	88
63) Azobenzene	10.71	77	565437	23.294	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	22131	17.461	ng	90
66) n-Nitrosodiphenylamine	10.67	169	482629	27.138	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	154201	26.647	ng	98
68) Hexachlorobenzene	11.11	284	154821	25.089	ng	95
69) Atrazine	11.19	200	154334	27.782	ng	99
70) Pentachlorophenol	11.30	266	121788	34.679	ng	97
71) Phenanthrene	11.53	178	739434	26.749	ng	100
72) Anthracene	11.58	178	757477	27.255	ng	99
73) Carbazole	11.73	167	630443	23.082	ng	98
74) Di-n-butylphthalate	12.05	149	849426	27.866	ng	99
75) Fluoranthene	12.72	202	656627	23.777	ng	98
77) Benzidine	12.84	184	394946	30.229	ng	98
78) Pyrene	12.95	202	651817	26.044	ng	98
80) Butylbenzylphthalate	13.56	149	288075	28.471	ng	97
81) Benzo(a)anthracene	14.14	228	517357	25.776	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	156428	22.231	ng	99
83) Chrysene	14.17	228	483402	25.303	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	397920	29.887	ng	96
85) Di-n-octyl phthalate	14.73	149	613769	32.698	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	362059	23.537	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	406893	26.841	ng	100
89) Benzo(k)fluoranthene	15.24	252	405374	27.130	ng	99
90) Benzo(a)pyrene	15.60	252	372480	26.716	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	307303	24.871	ng	97
92) Benzo(g,h,i)perylene	17.70	276	294068	23.556	ng	94

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

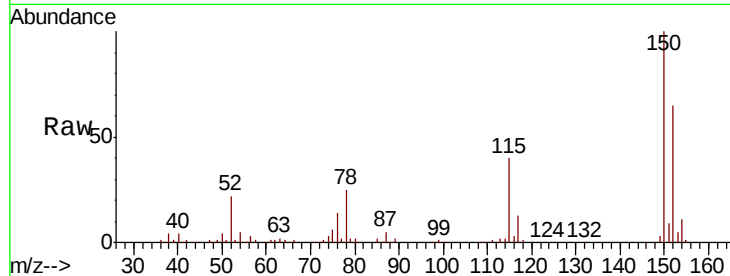


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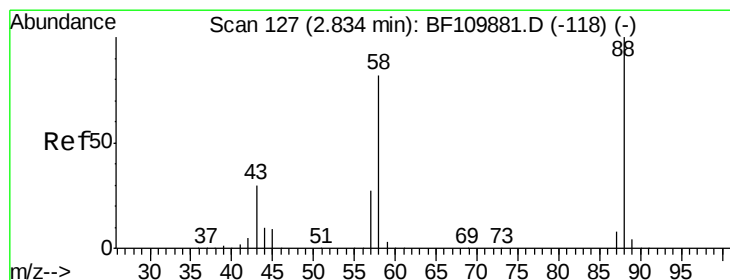
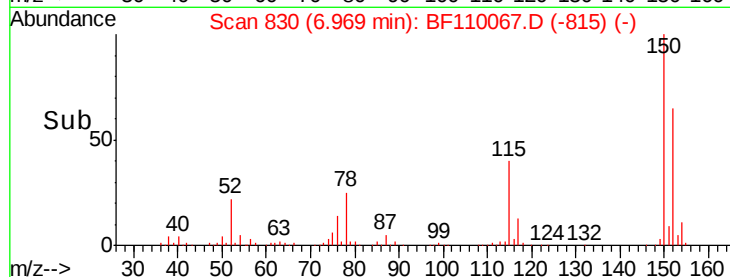
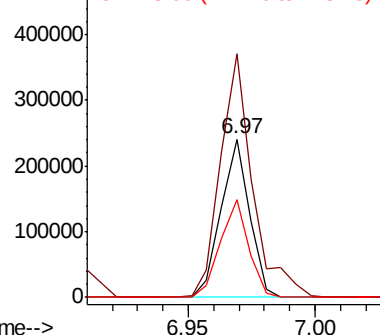
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188762
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 62.0 49.1 73.7



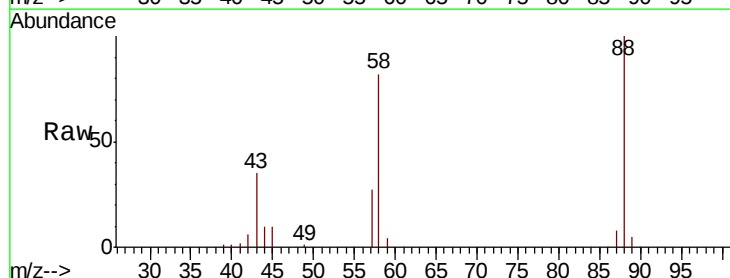
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



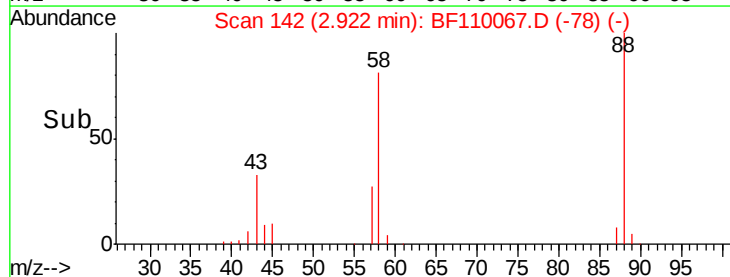
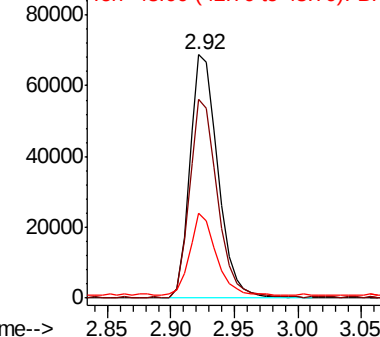
#2

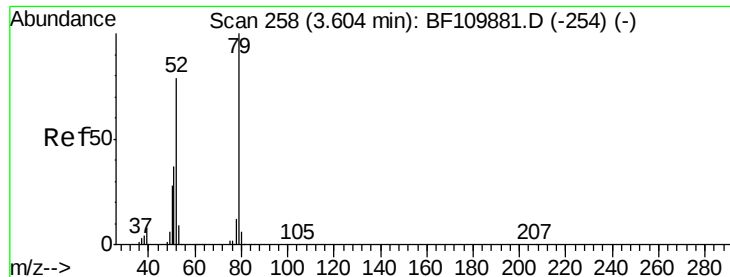
1,4-Dioxane
Concen: 15.637 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion: 88 Resp: 105761
Ion Ratio Lower Upper
88 100
58 81.7 57.1 85.7
43 31.8 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: 19.945 ng

RT: 3.68 min Scan# 270

Delta R.T. 0.06 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

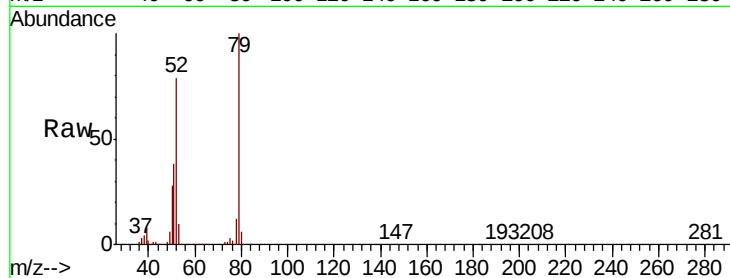
Tot Ion: 79 Resp: 300751

Ion Ratio Lower Upper

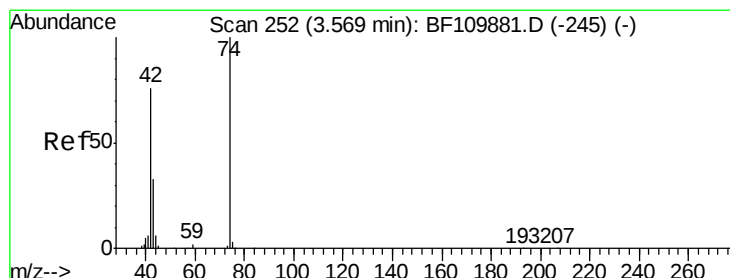
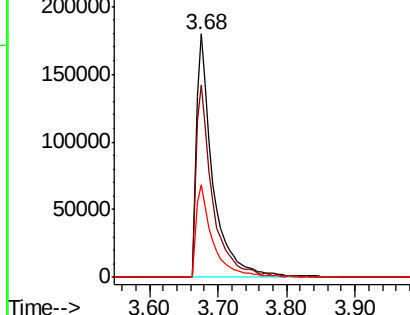
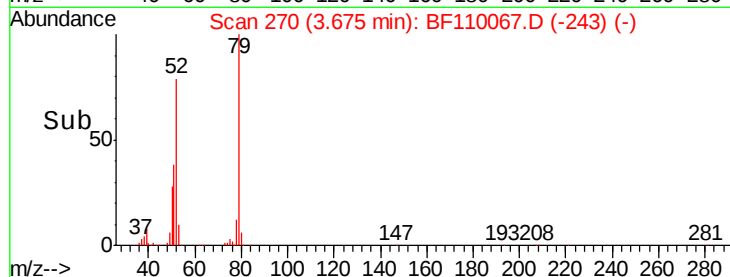
79 100

52 78.8 53.1 79.7

51 37.8 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: 22.146 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.05 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

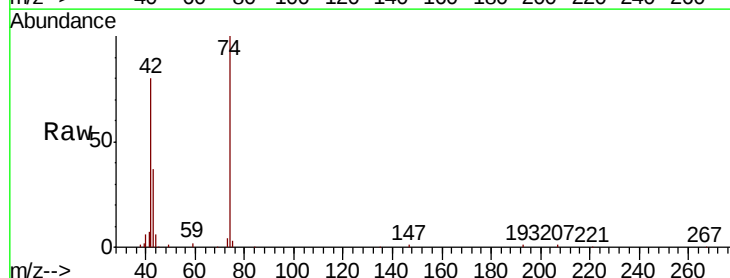
Tgt Ion: 42 Resp: 136224

Ion Ratio Lower Upper

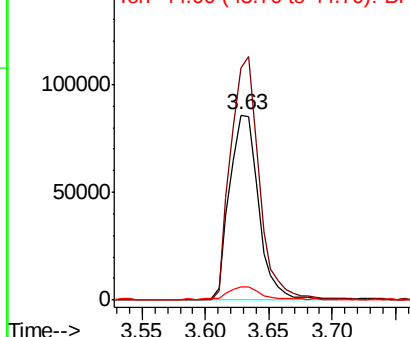
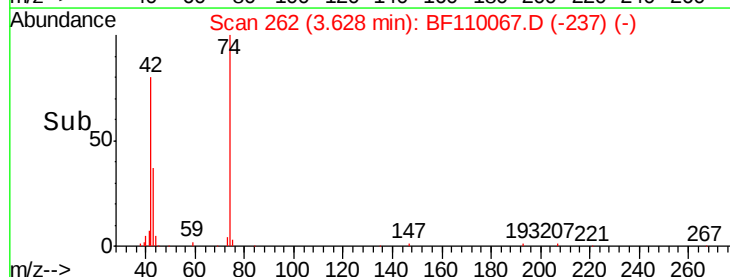
42 100

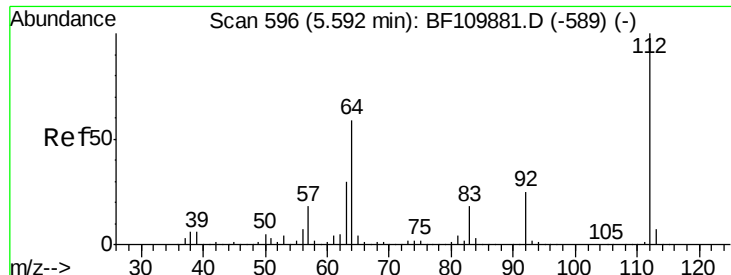
74 125.5 105.5 158.3

44 7.3 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: 47.502 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

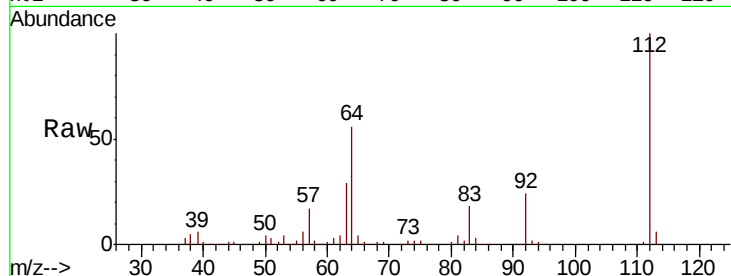
Tot Ion:112 Resp: 565662

Ion Ratio Lower Upper

112 100

64 55.9 44.1 66.1

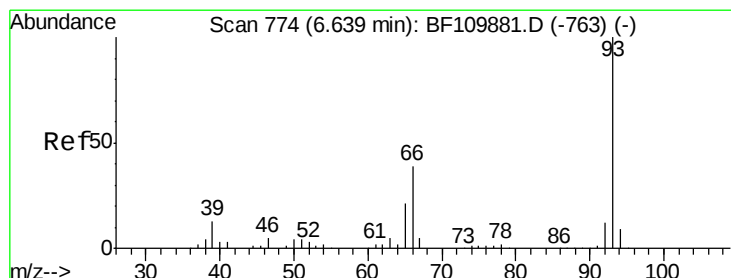
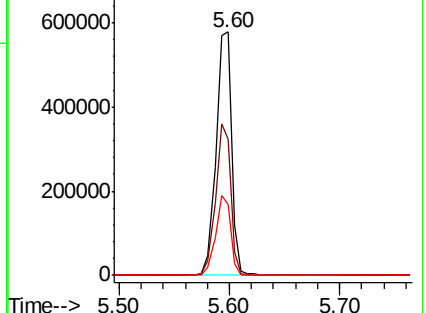
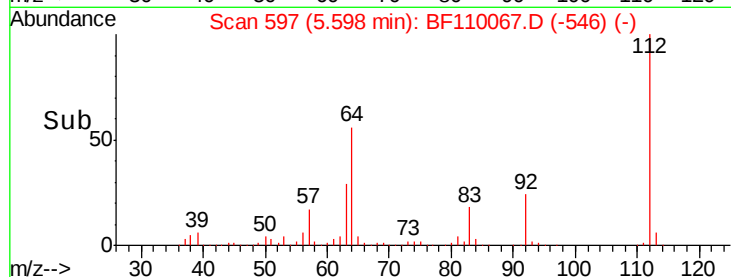
63 29.3 23.7 35.5



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: 14.360 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

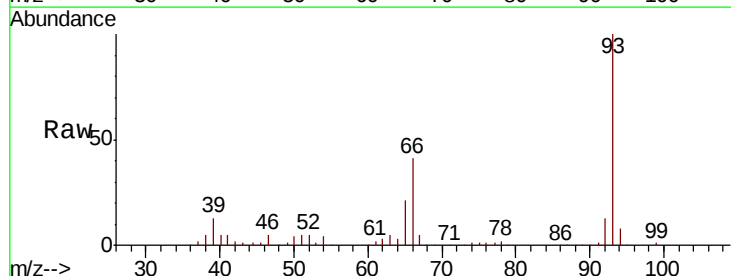
Tgt Ion: 93 Resp: 286161

Ion Ratio Lower Upper

93 100

66 41.4 67.4 101.0#

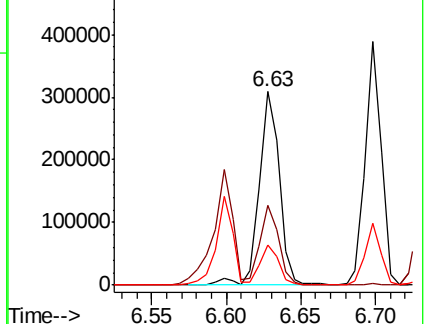
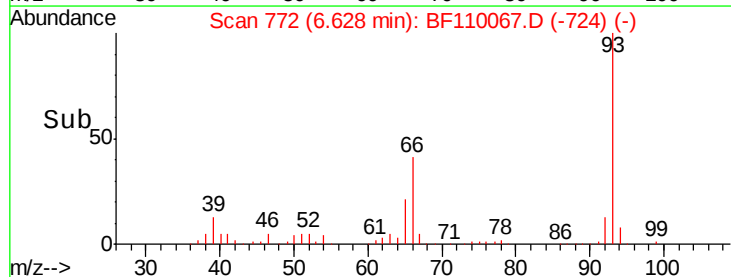
65 20.9 41.0 61.4#

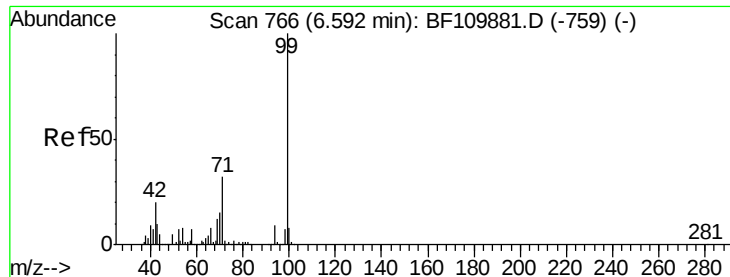


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.285 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

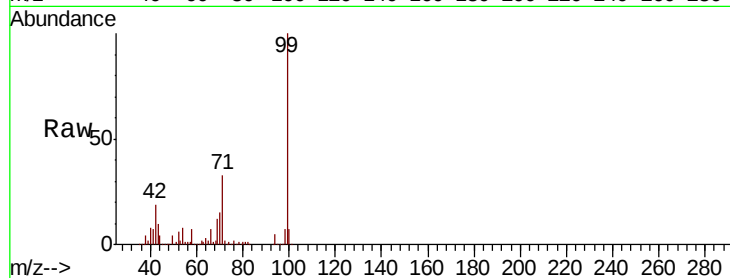
Tot Ion: 99 Resp: 713994

Ion Ratio Lower Upper

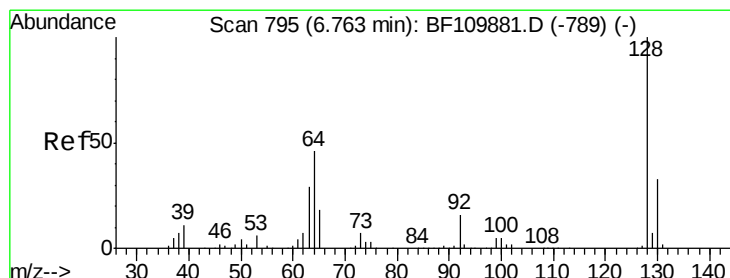
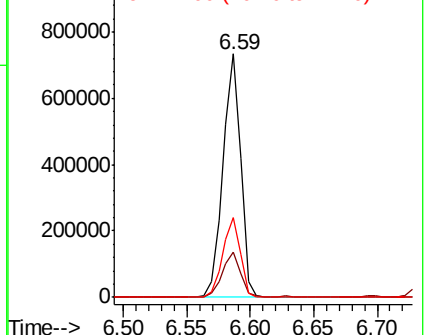
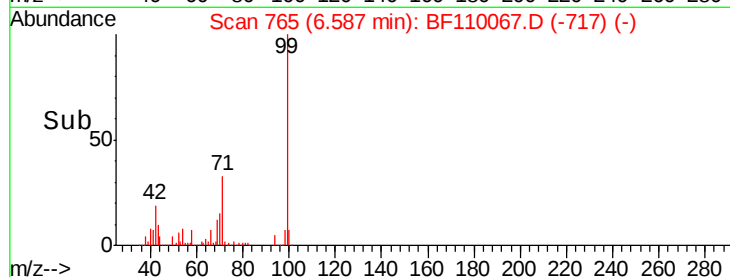
99 100

42 18.7 15.8 23.6

71 33.0 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: 23.367 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

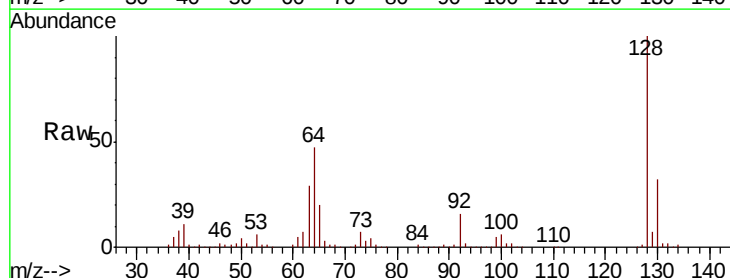
Tgt Ion: 128 Resp: 311688

Ion Ratio Lower Upper

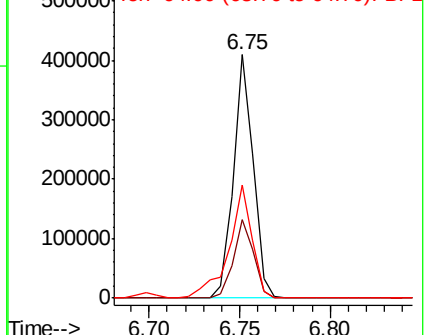
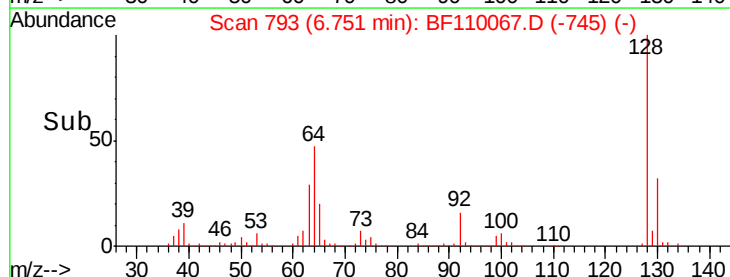
128 100

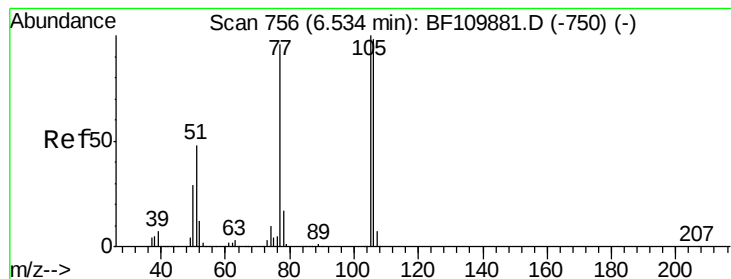
130 32.4 13.1 53.1

64 46.7 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: 18.382 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

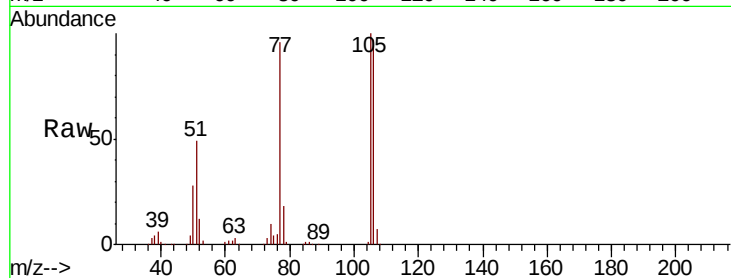
Tot Ion: 77 Resp: 176634

Ion Ratio Lower Upper

77 100

105 103.7 78.6 118.6

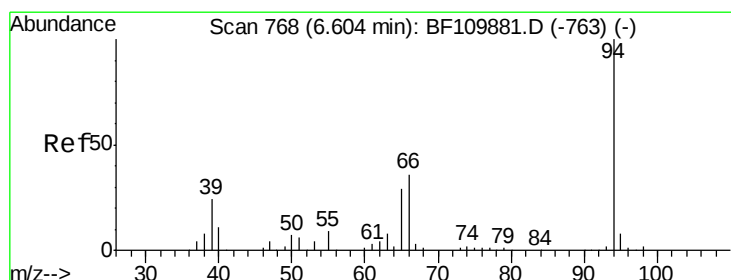
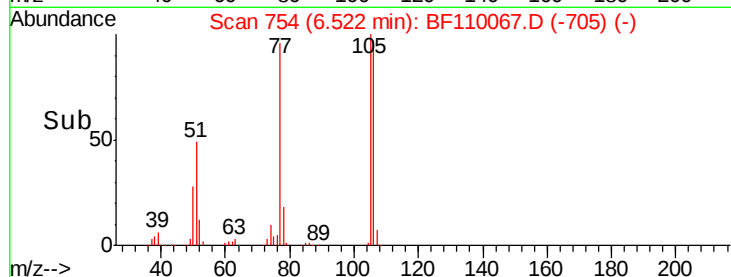
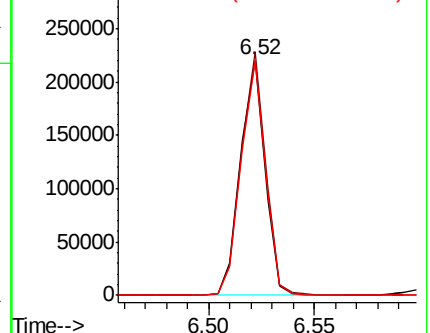
106 100.1 74.8 114.8



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: 22.682 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

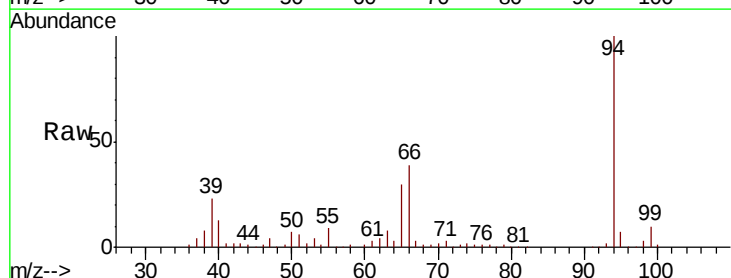
Tgt Ion: 94 Resp: 362123

Ion Ratio Lower Upper

94 100

65 29.6 25.3 65.3

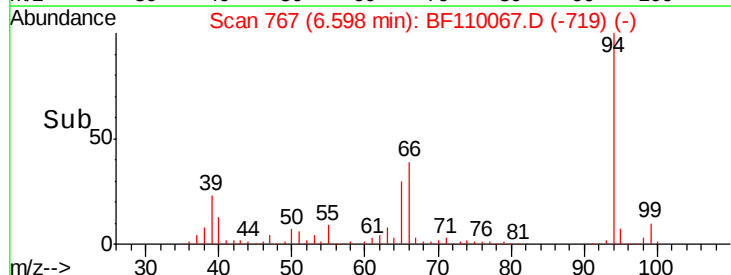
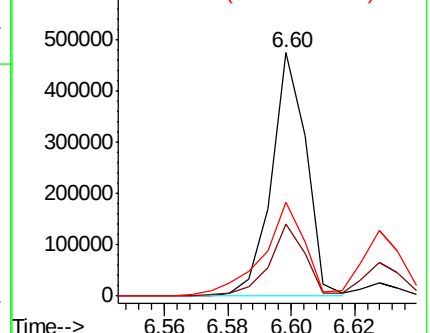
66 38.6 54.5 94.5#

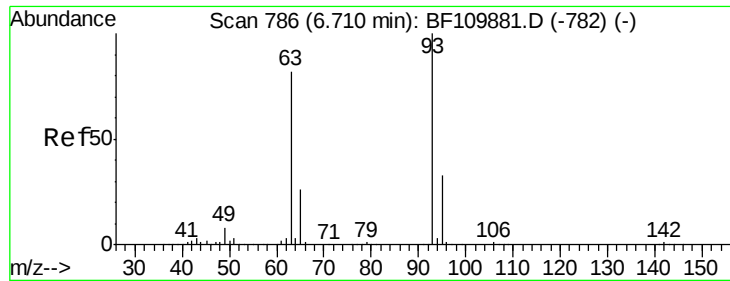


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

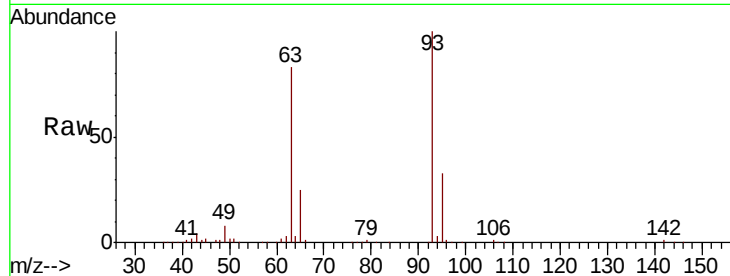




#11
bis(2-Chloroethyl)ether
Concen: 21.290 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	93	Resp	284195
Ion	Ratio	Lower	Upper
93	100		
63	83.1	53.4	93.4
95	32.5	12.1	52.1

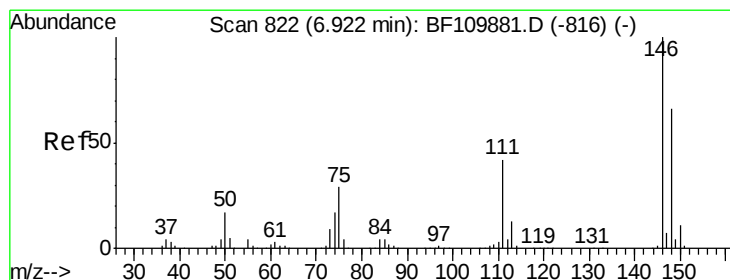
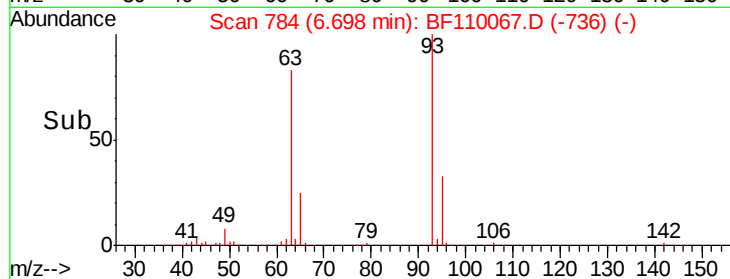
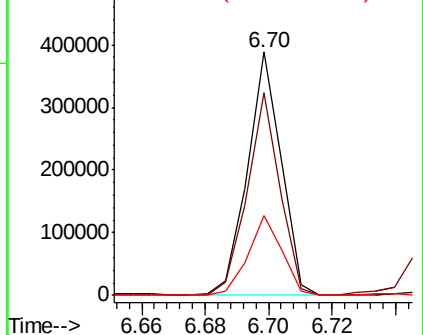


Abundance

Ion 93.00 (92.70 to 93.70): BF1

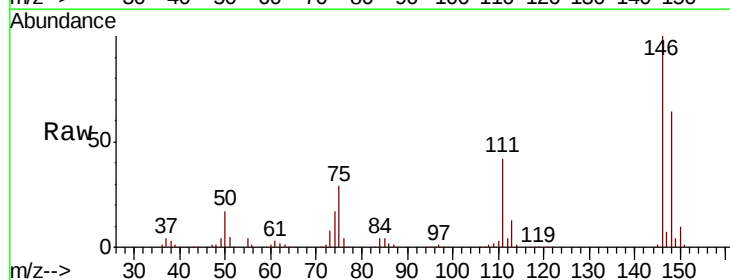
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 22.242 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	146	Resp	325334
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
75	29.2	25.8	38.6

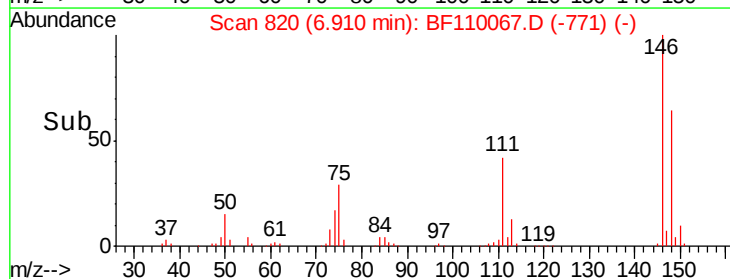
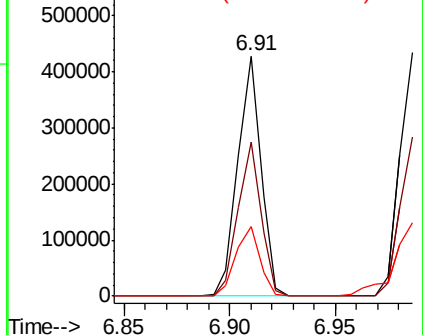


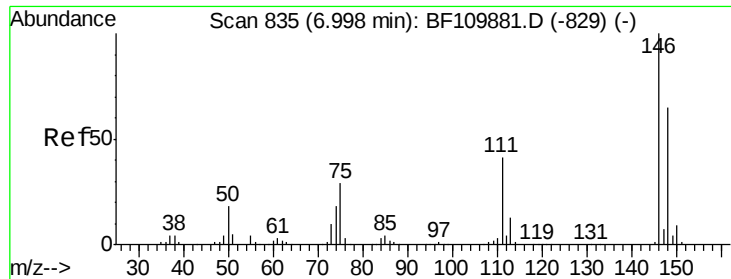
Abundance

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

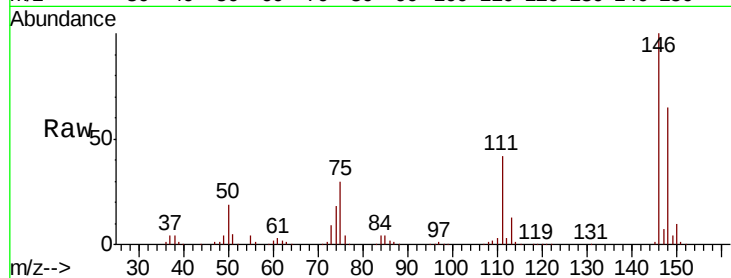




#13
 1,4-Dichlorobenzene
 Concen: 22.037 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.3	75.5
111	41.9	32.7	49.1

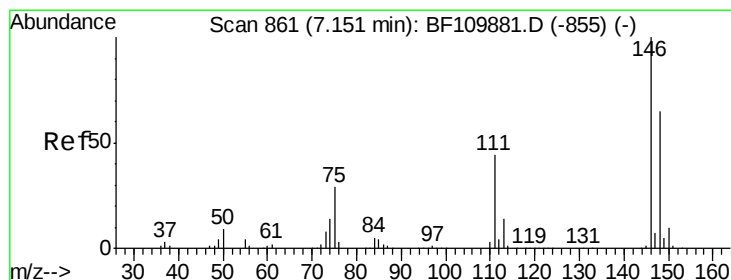
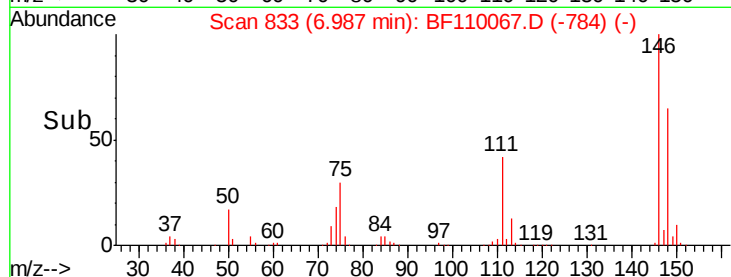
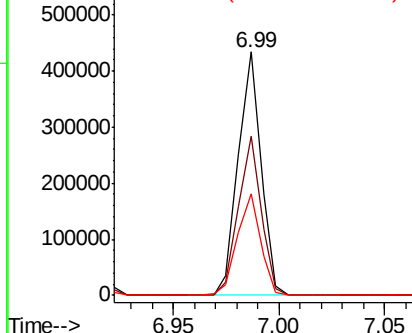


Abundance

Ion 146.00 (145.70 to 146.70): E

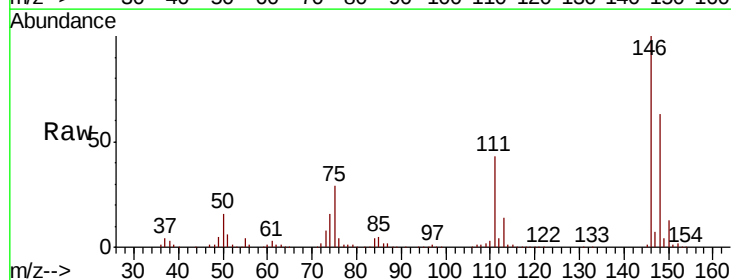
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 22.864 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	42.6	35.8	53.6

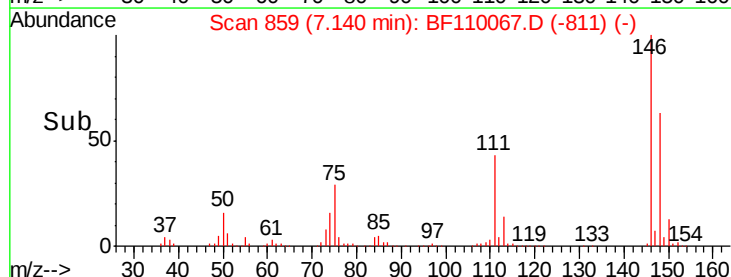
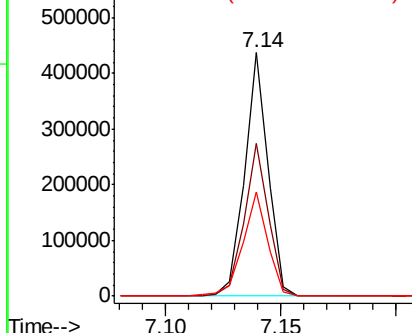


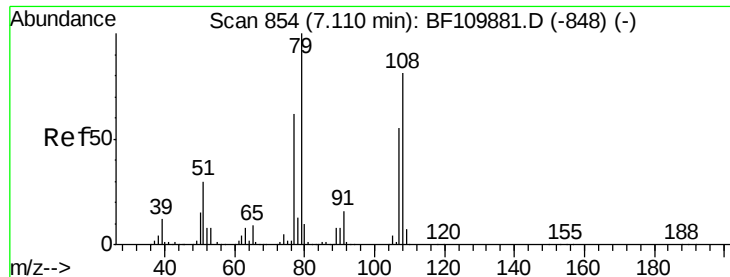
Abundance

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: 22.948 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

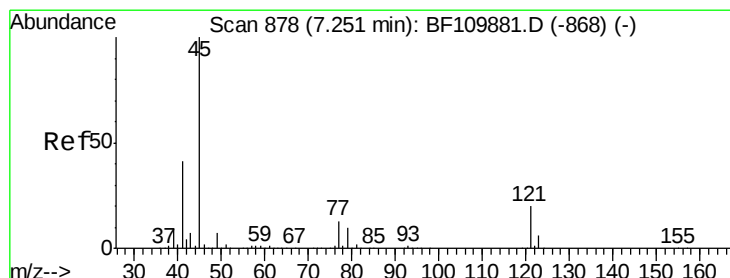
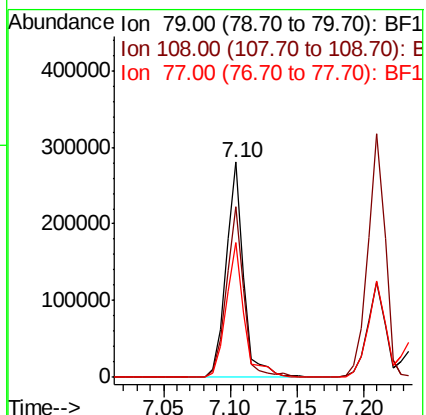
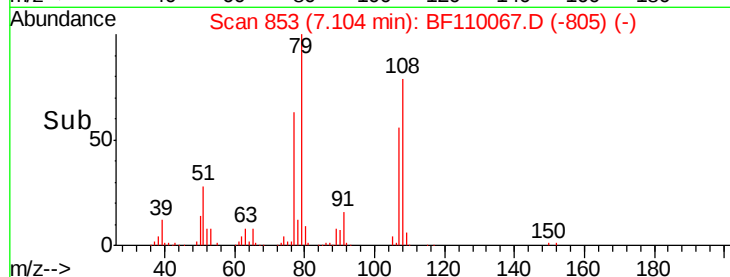
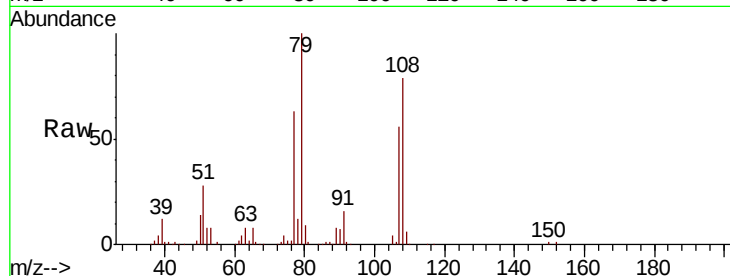
Tot Ion: 79 Resp: 261059

Ion Ratio Lower Upper

79 100

108 79.0 56.3 84.5

77 62.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.528 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

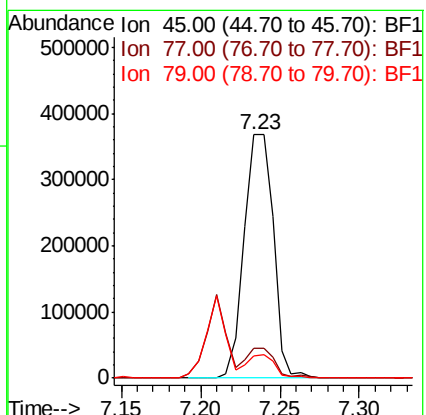
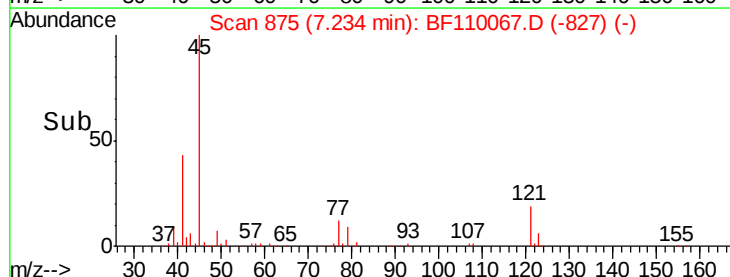
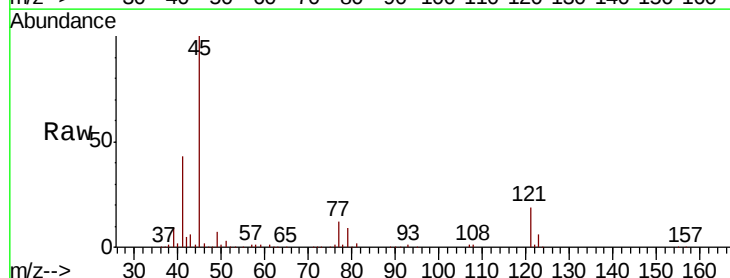
Tgt Ion: 45 Resp: 471671

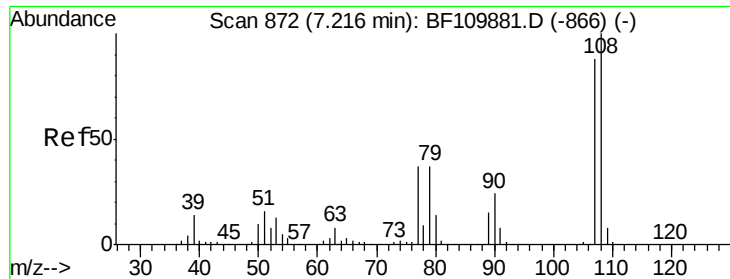
Ion Ratio Lower Upper

45 100

77 12.5 10.0 50.0

79 9.1 6.1 46.1





#17

2-Methylphenol

Concen: 23.158 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 249092

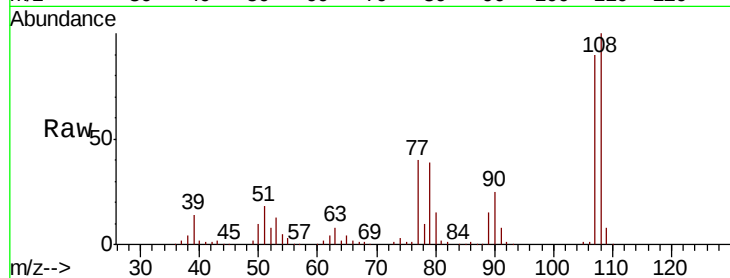
Ion Ratio Lower Upper

107 100

108 111.5 92.6 138.8

77 44.1 59.4 89.2#

79 43.7 54.0 81.0#

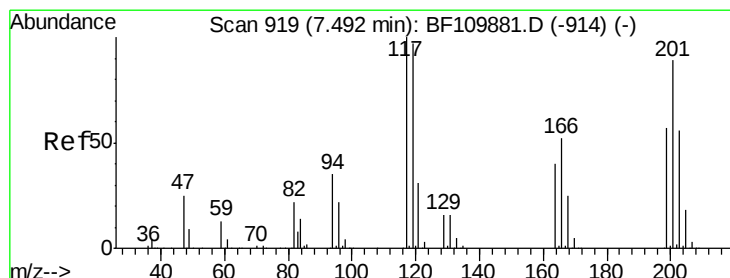
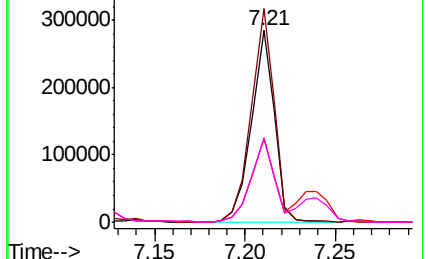
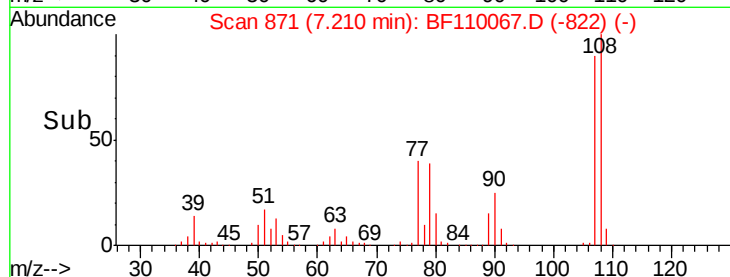


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 20.874 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

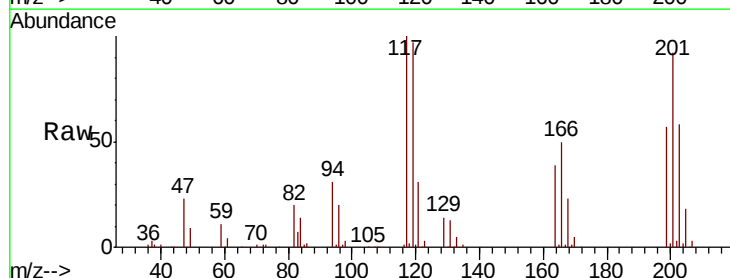
Tgt Ion:117 Resp: 108665

Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.6

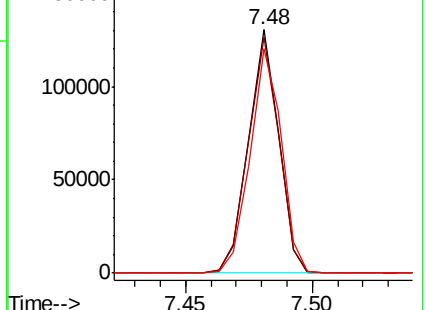
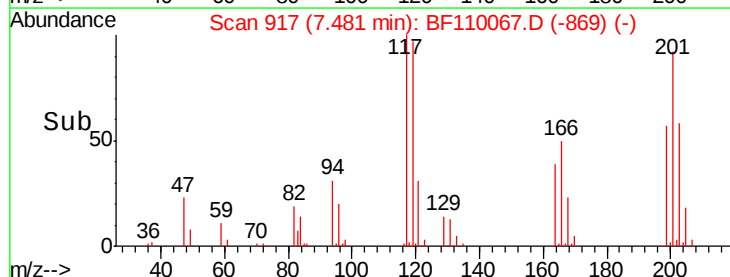
201 92.3 79.2 118.8

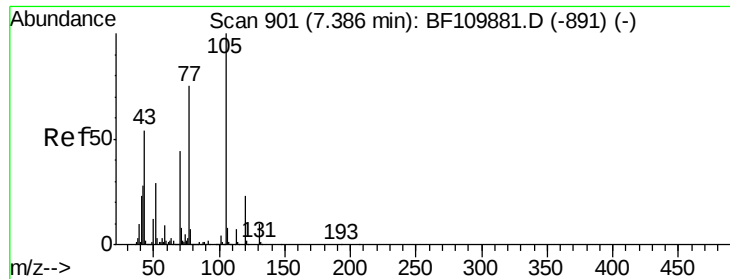


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

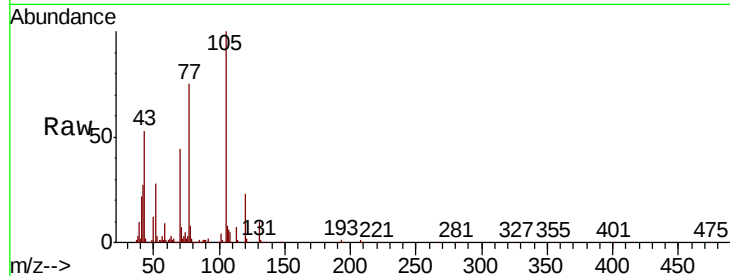




#19
n-Nitroso-di-n-propylamine
Concen: 21.837 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	207328
Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.4	71.2
101	10.0	7.3	10.9
130	22.8	16.2	24.2



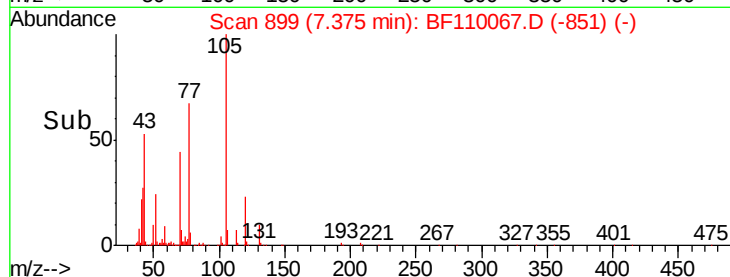
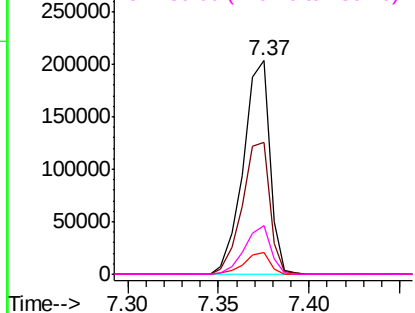
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 23.344 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:	107	Resp:	318632
Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.4	111.4
77	59.6	47.3	87.3
79	29.2	10.9	50.9

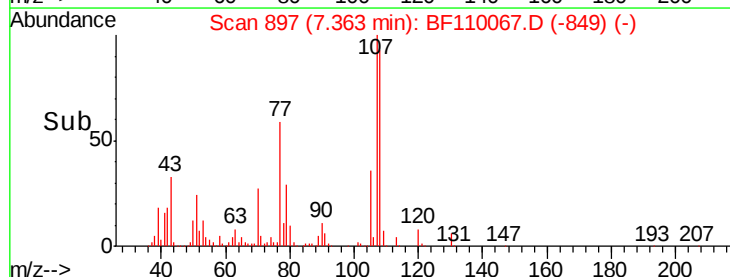
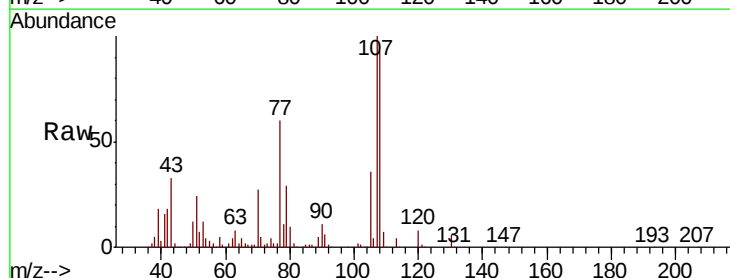
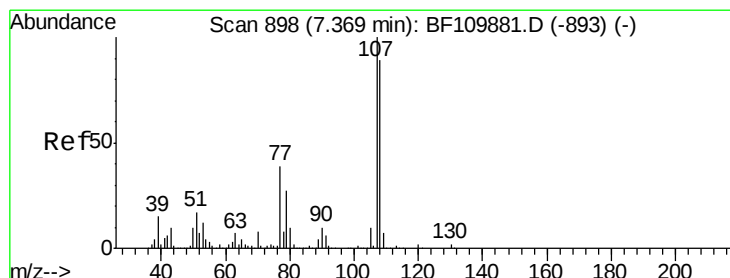
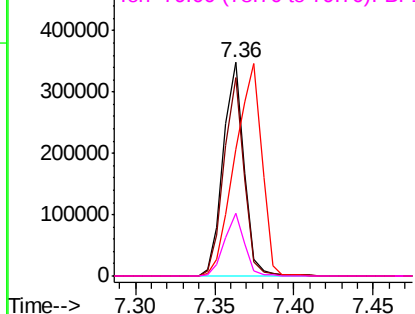
Abundance

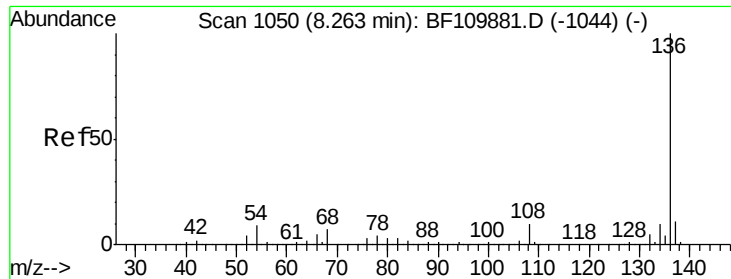
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110067.D

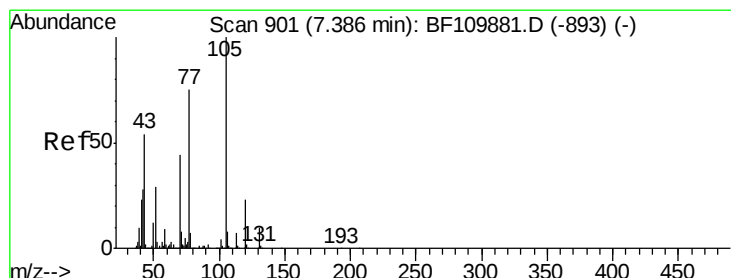
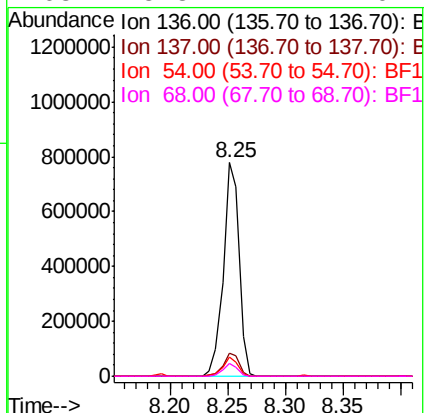
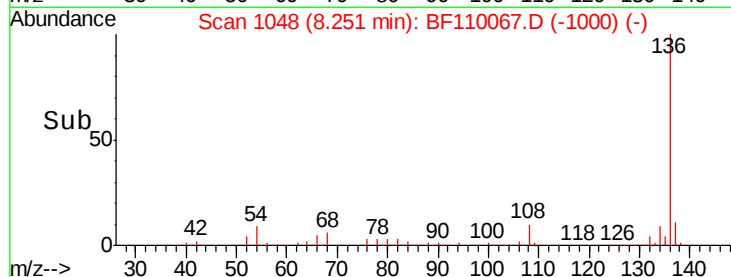
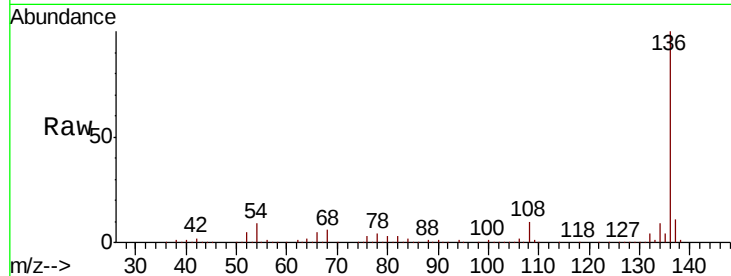
Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	738102
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.9	5.4 8.2#
68	5.8	4.2 6.2



#22

Acetophenone

Concen: 24.596 ng

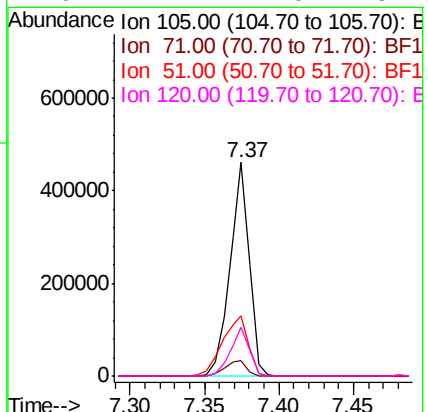
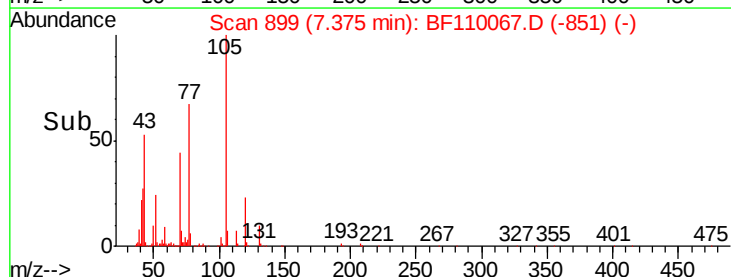
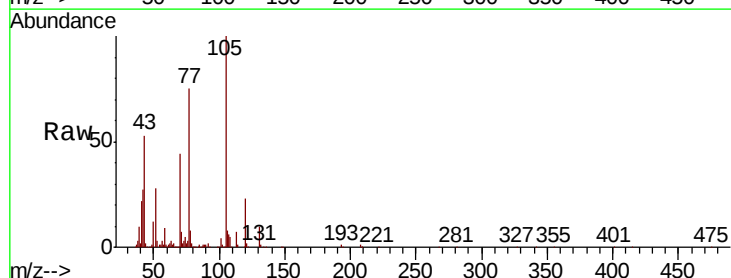
RT: 7.37 min Scan# 899

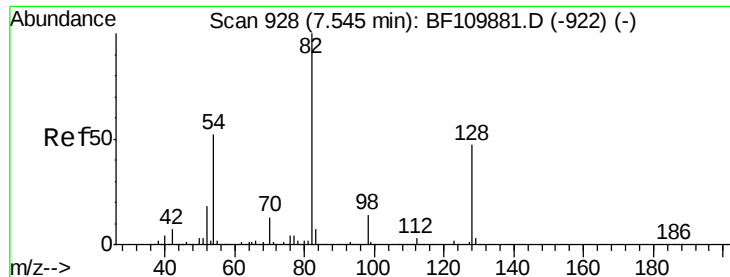
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:105	Resp:	421020
Ion Ratio	Lower	Upper
105	100	
71	7.3	5.2 7.8
51	28.3	21.8 32.8
120	22.7	17.0 25.4

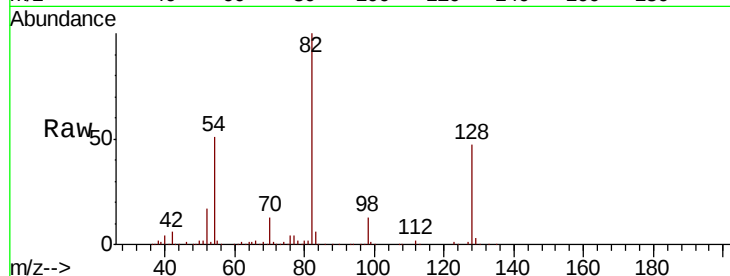




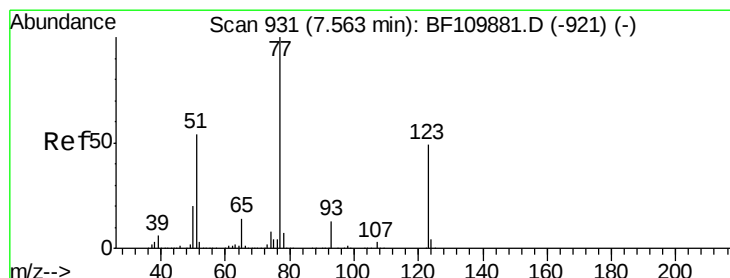
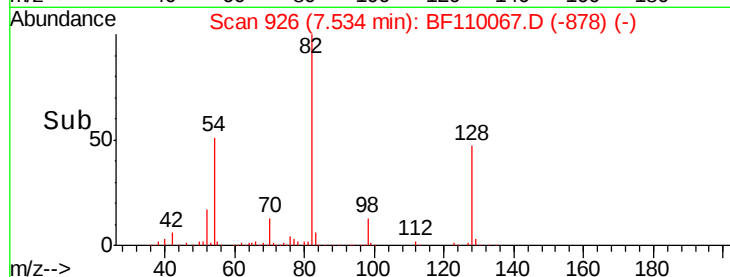
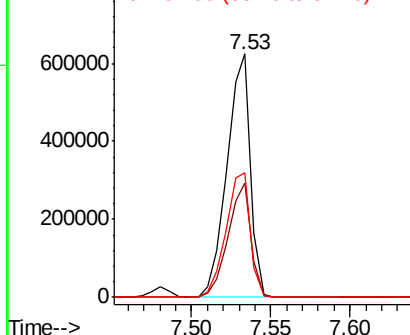
#23
Nitrobenzene-d5
Concen: 58.167 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	637335
Ion Ratio	Lower	Upper	
82	100		
128	47.0	34.2	51.2
54	51.4	38.6	58.0

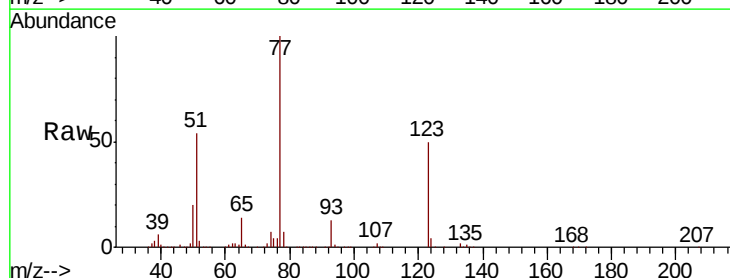


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

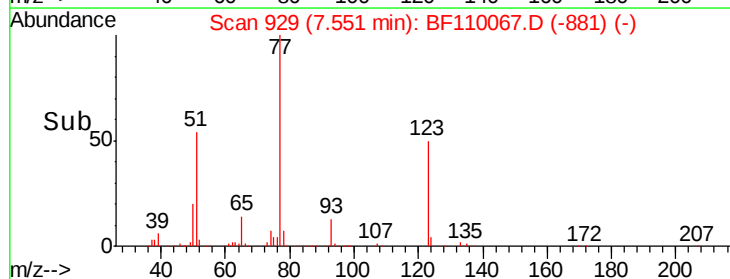
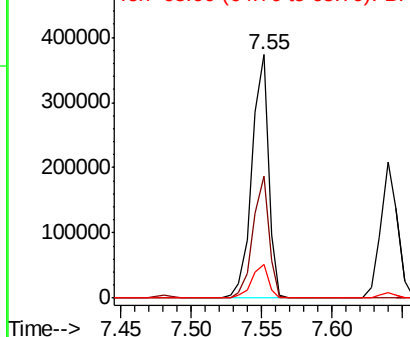


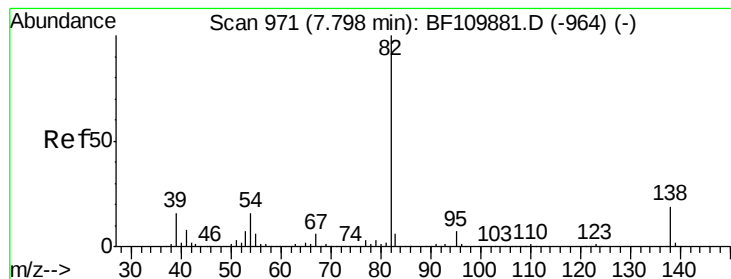
#24
Nitrobenzene
Concen: 26.160 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	77	Resp	311387
Ion Ratio	Lower	Upper	
77	100		
123	50.0	35.7	53.5
65	13.9	10.7	16.1



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





#25

Isophorone

Concen: 26.249 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

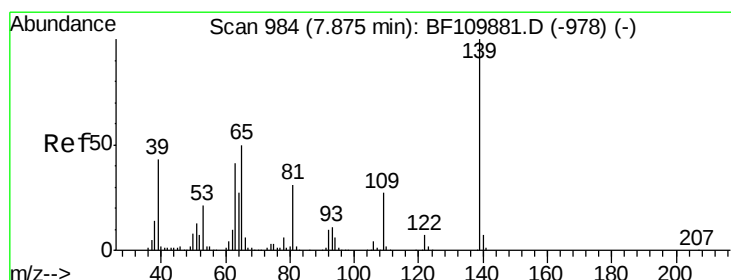
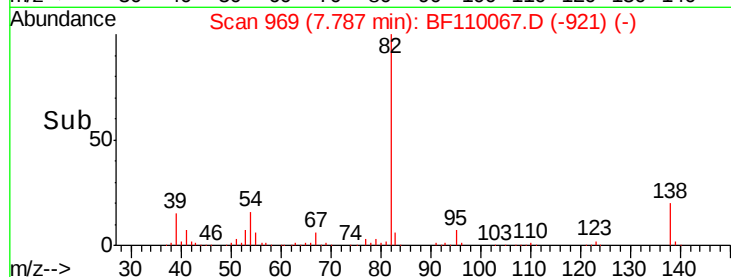
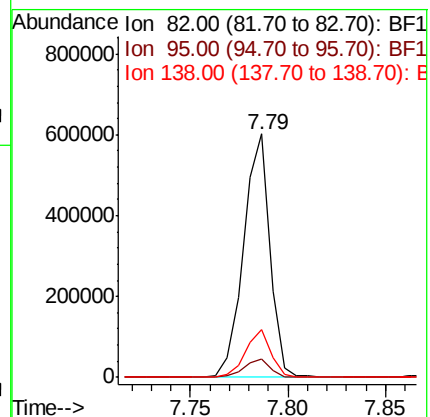
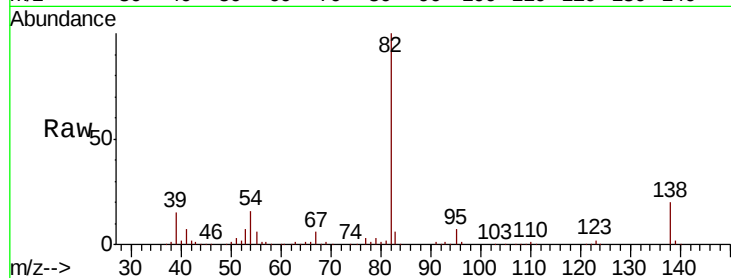
Tot Ion: 82 Resp: 565121

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 19.5 13.2 19.8



#26

2-Nitrophenol

Concen: 29.155 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

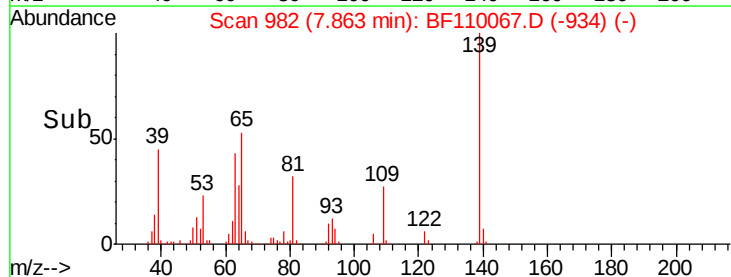
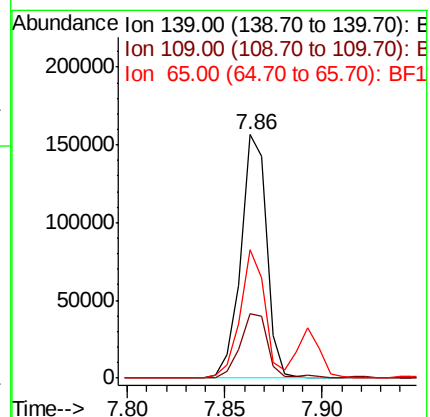
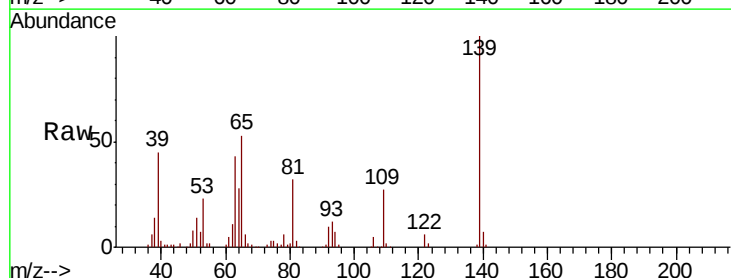
Tgt Ion: 139 Resp: 143888

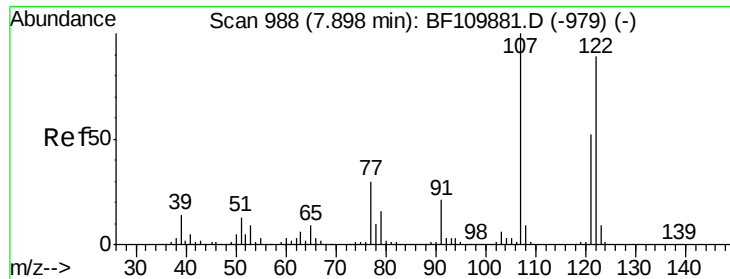
Ion Ratio Lower Upper

139 100

109 26.7 25.0 37.6

65 53.0 44.0 66.0

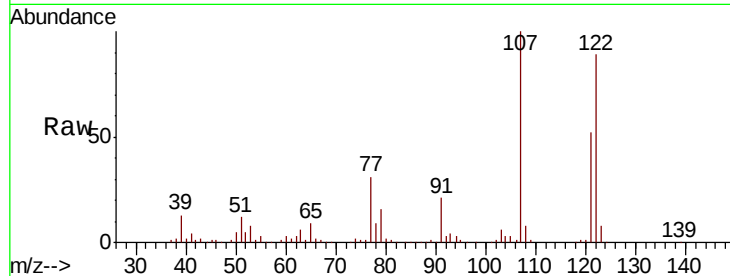




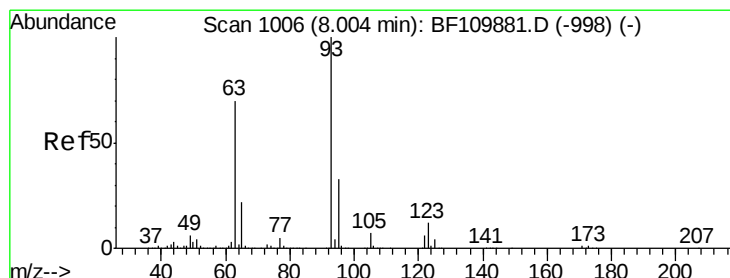
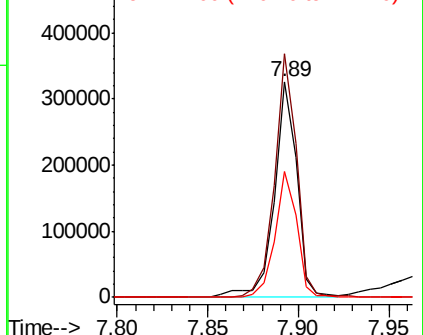
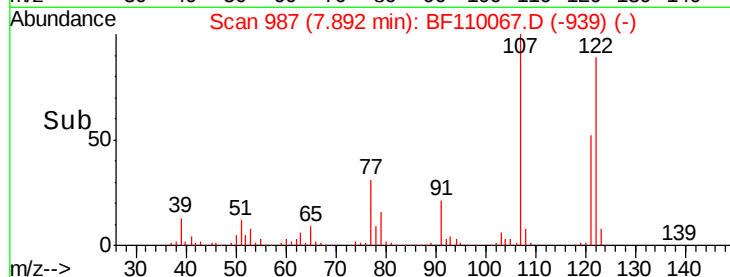
#27
2,4-Dimethylphenol
Concen: 27.032 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 280320
Ion Ratio Lower Upper
122 100
107 112.9 92.5 138.7
121 58.4 45.8 68.8

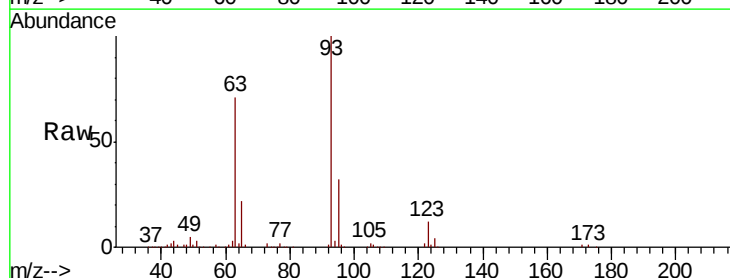


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

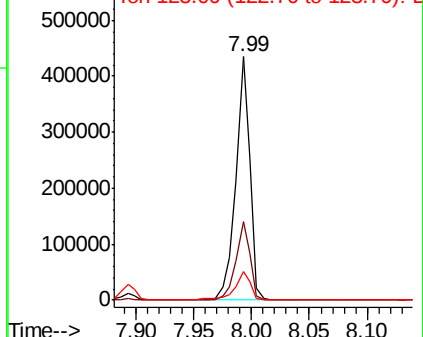
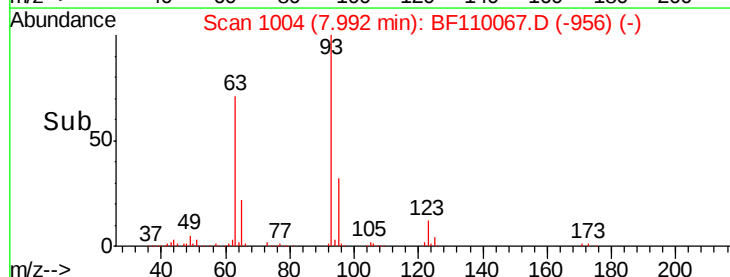


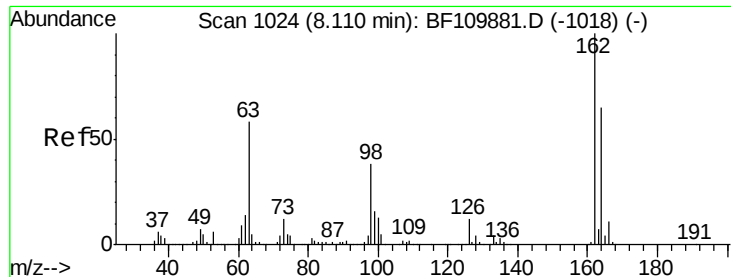
#28
bis(2-Chloroethoxy)methane
Concen: 24.551 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion: 93 Resp: 362750
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 11.7 9.0 13.6



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

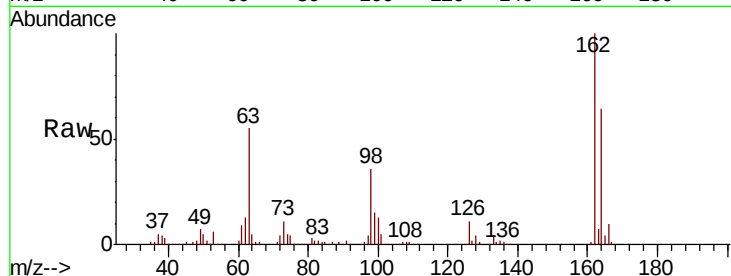




#29
 2,4-Dichlorophenol
 Concen: 25.144 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	36.4	17.4	57.4

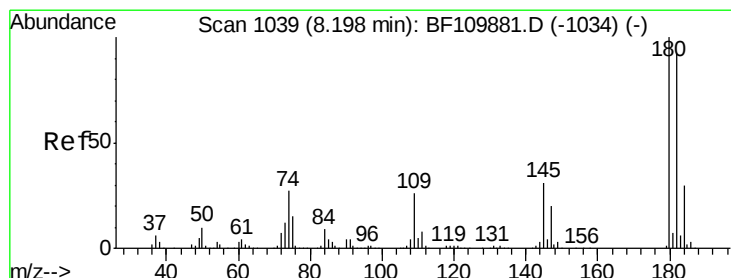
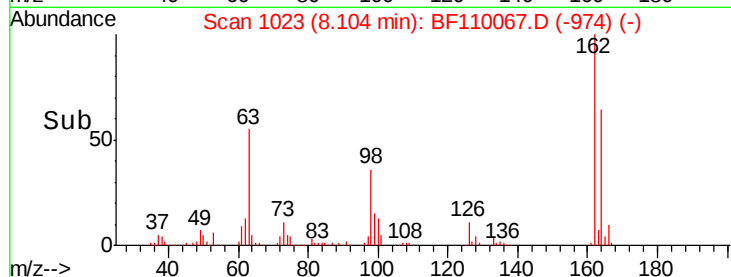
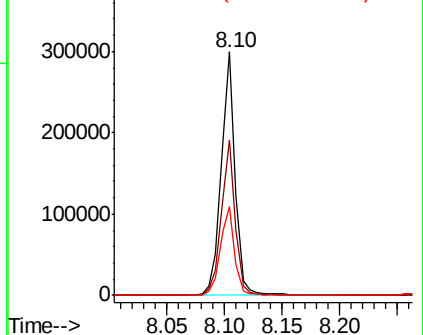


Abundance

Ion 162.00 (161.70 to 162.70): E

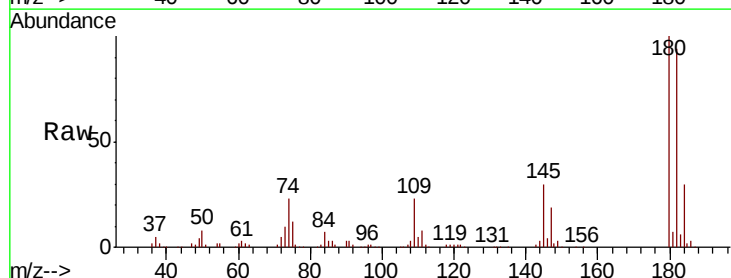
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 24.024 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	80.3	120.5
145	29.7	25.4	38.0

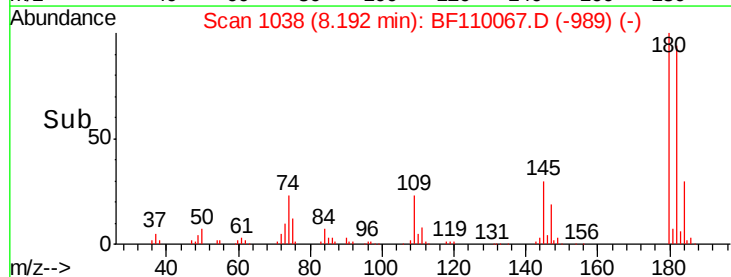
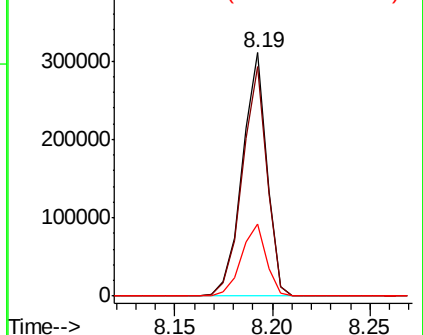


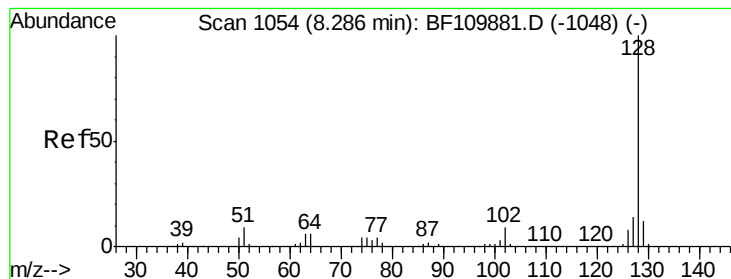
Abundance

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: 25.804 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampled :

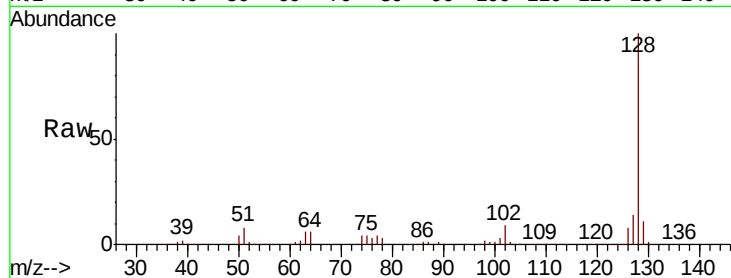
Tot Ion:128 Resp: 873381

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

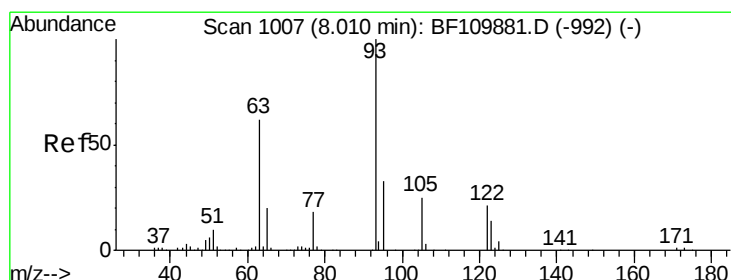
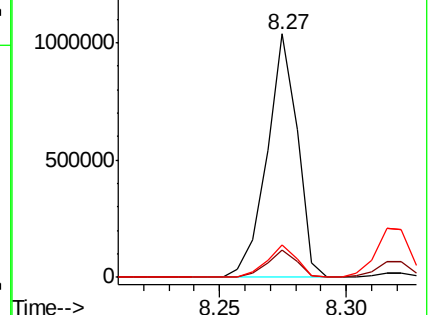
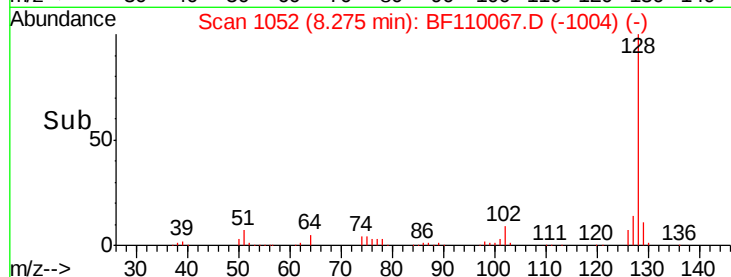
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.906 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

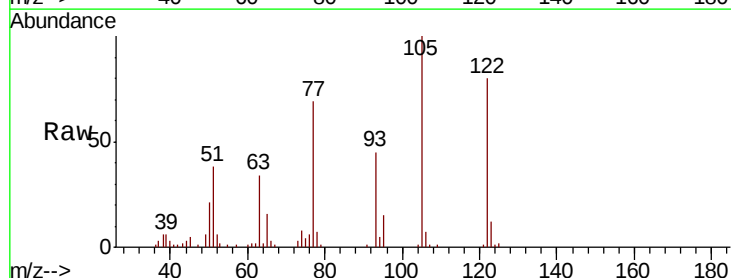
Tgt Ion:122 Resp: 96313

Ion Ratio Lower Upper

122 100

105 124.7 109.0 149.0

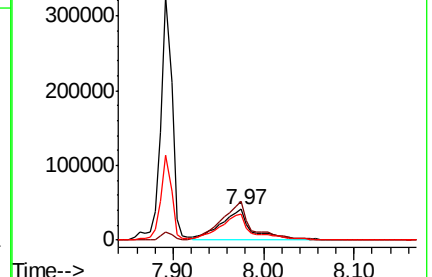
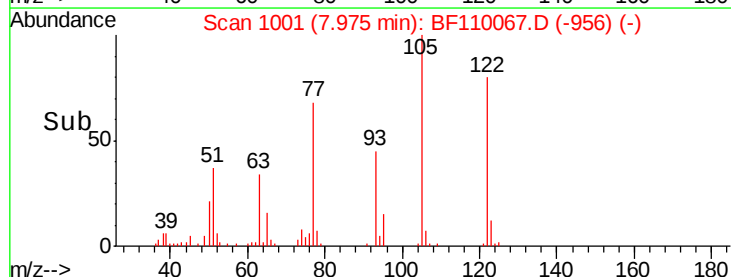
77 86.5 79.0 119.0

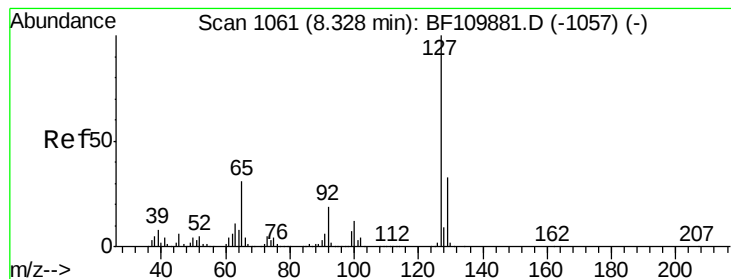


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.675 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 208058

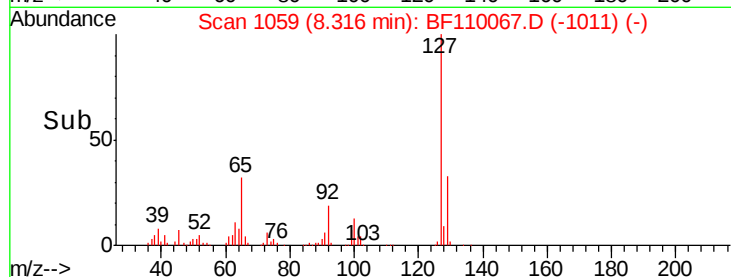
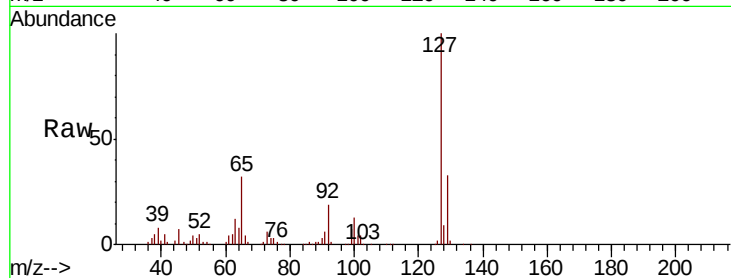
Ion Ratio Lower Upper

127 100

129 33.0 26.0 39.0

65 32.3 25.1 37.7

92 19.2 15.0 22.6

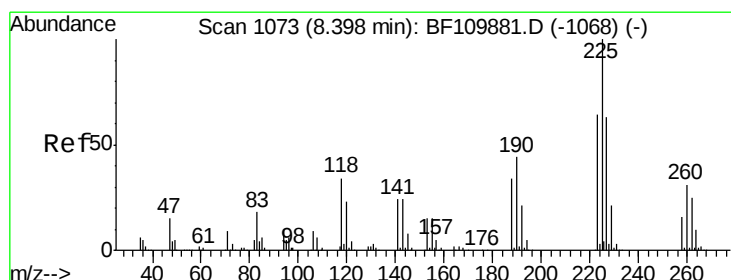
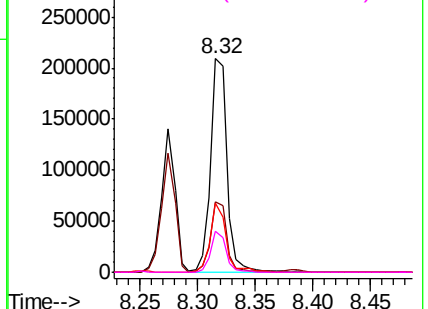


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 24.130 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

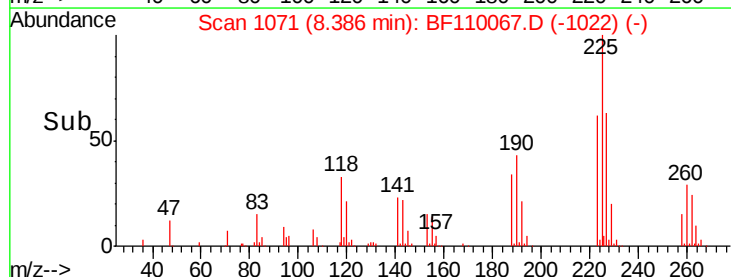
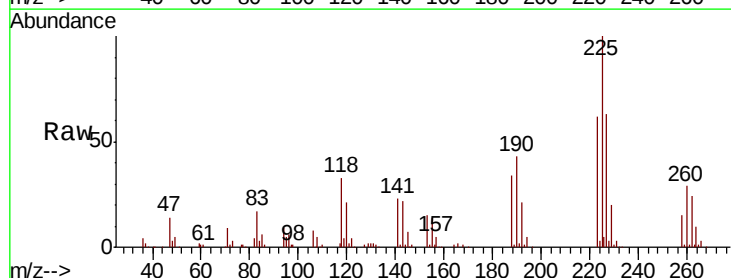
Tgt Ion:225 Resp: 149875

Ion Ratio Lower Upper

225 100

223 61.6 51.4 77.2

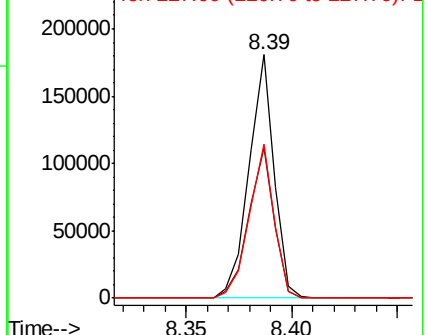
227 63.1 51.0 76.6

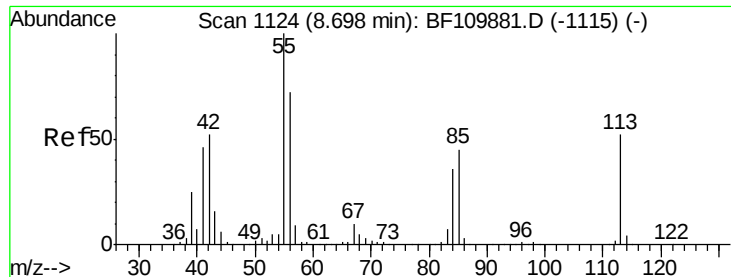


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

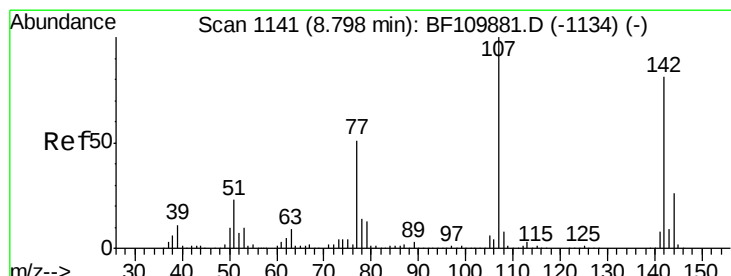
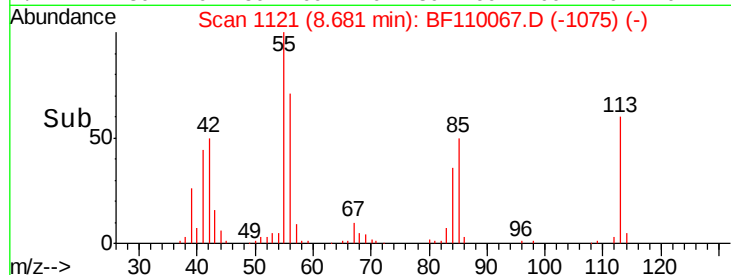
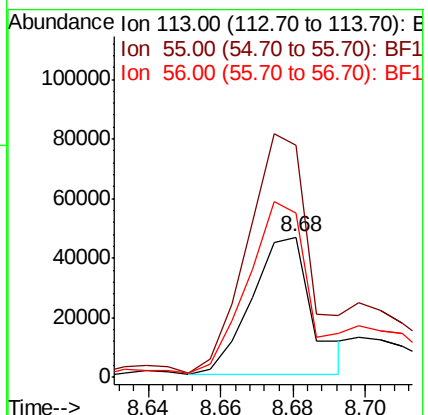
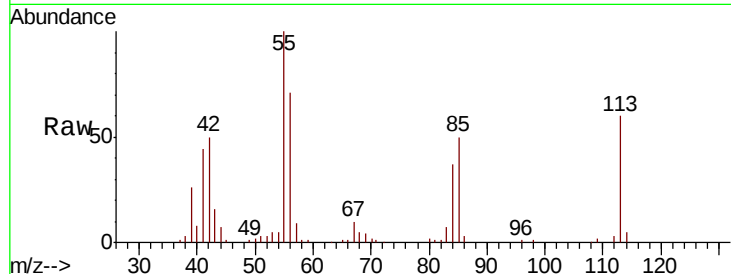




#35
Caprolactam
Concen: 14.832 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

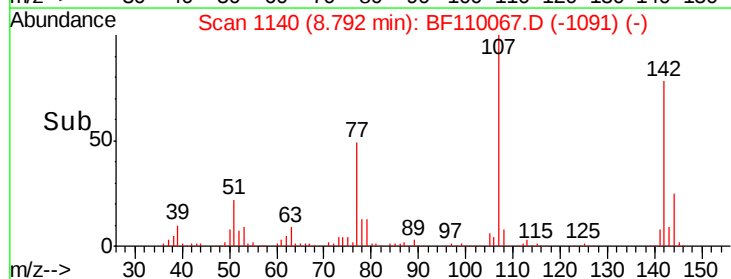
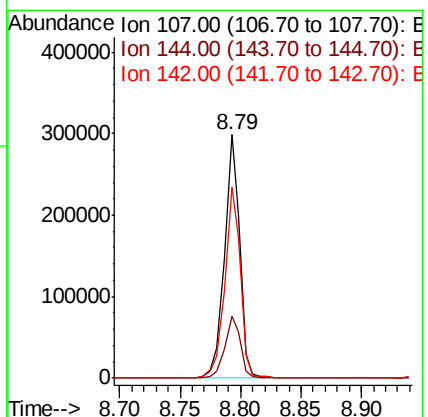
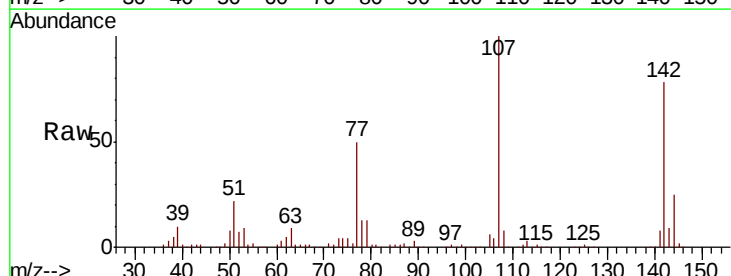
Instrument :
BNA_F
ClientSampleId :

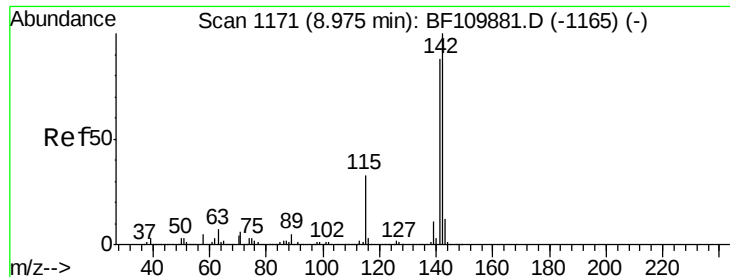
Tot Ion:113 Resp: 52989
Ion Ratio Lower Upper
113 100
55 165.3 142.8 182.8
56 117.0 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 24.456 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:107 Resp: 259537
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 78.5 59.7 89.5

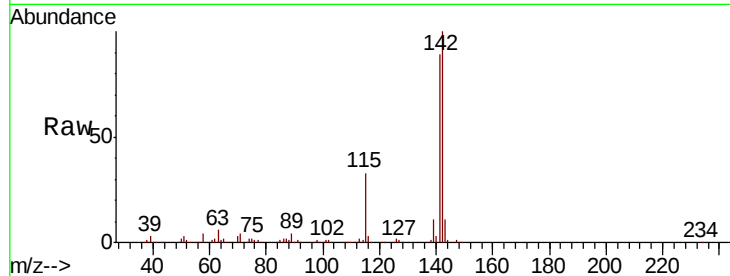




#37
2-Methylnaphthalene
Concen: 27.118 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	32.7	28.7	43.1

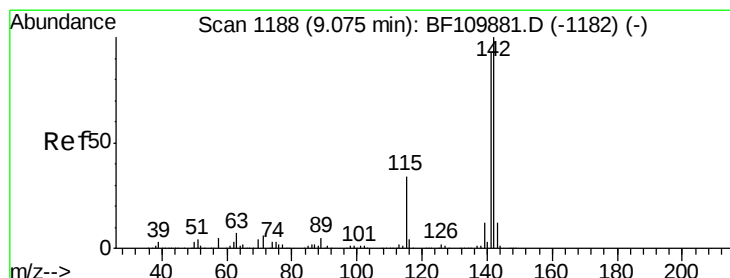
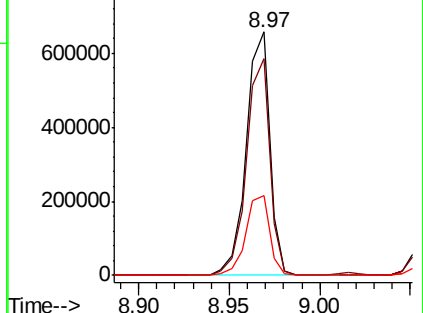
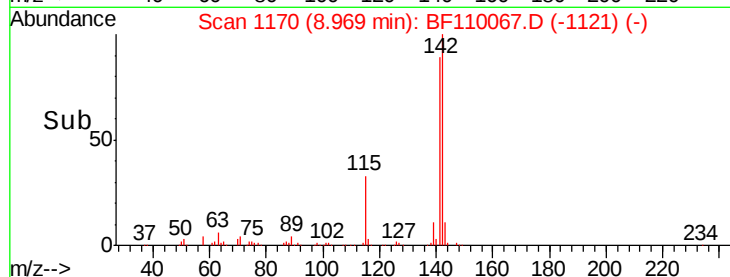


Abundance

Ion 142.00 (141.70 to 142.70): E

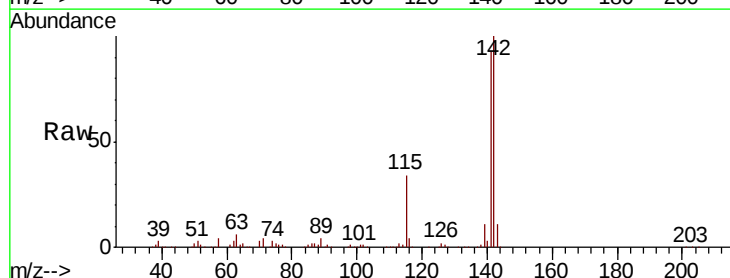
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 26.692 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	3.7	2.6	4.0

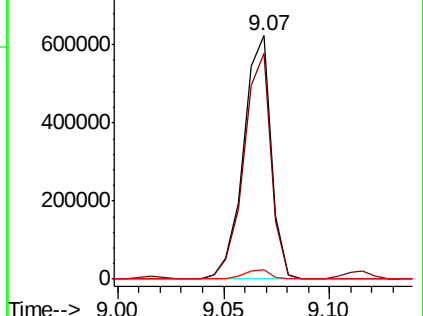
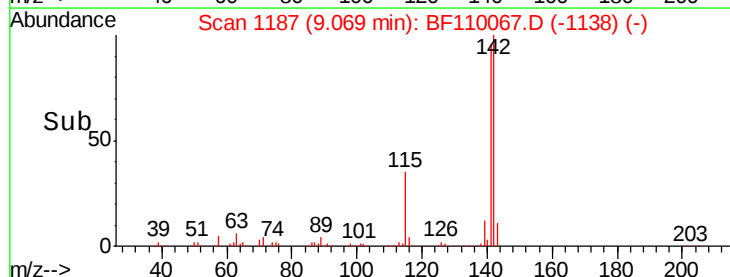


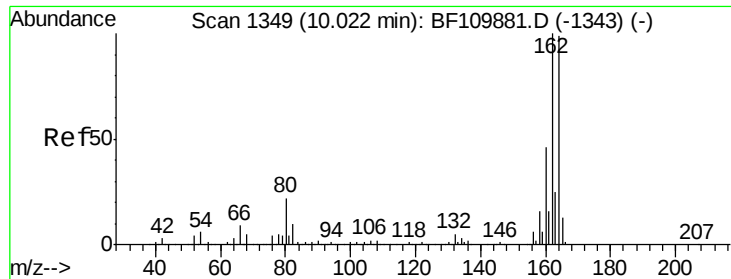
Abundance

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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

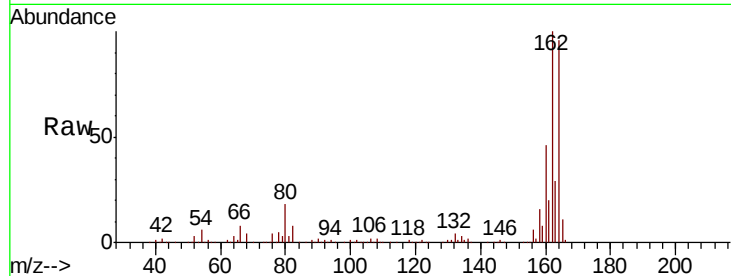
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 332237

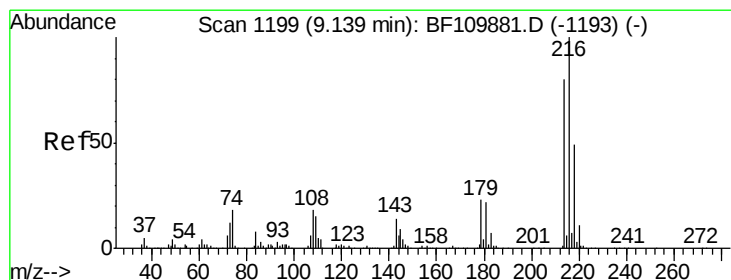
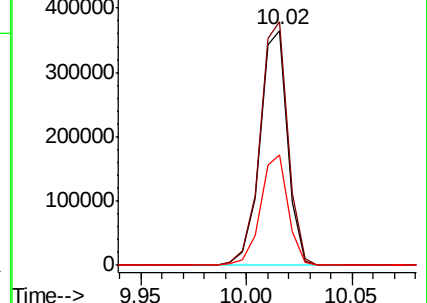
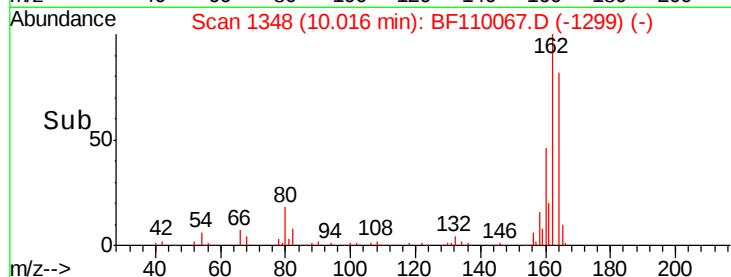
Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	47.3	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.629 ng

RT: 9.13 min Scan# 1198

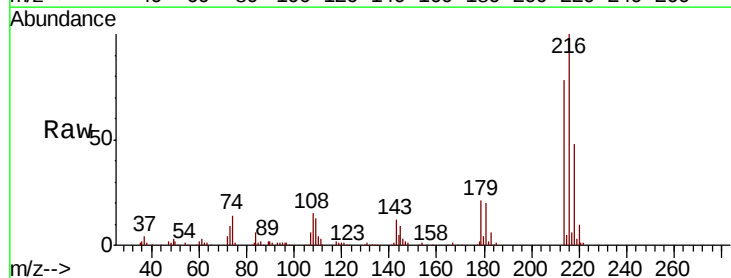
Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:216 Resp: 252038

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.2	16.6	25.0
108	19.6	15.1	22.7

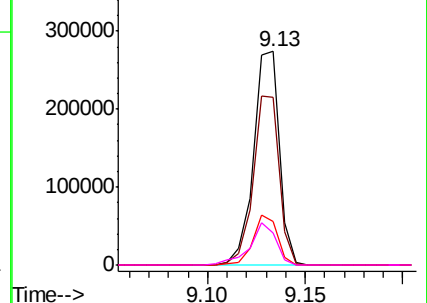
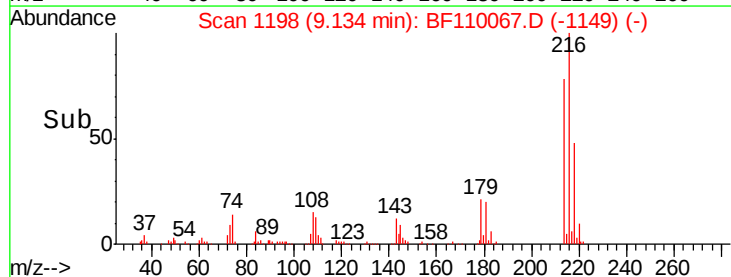


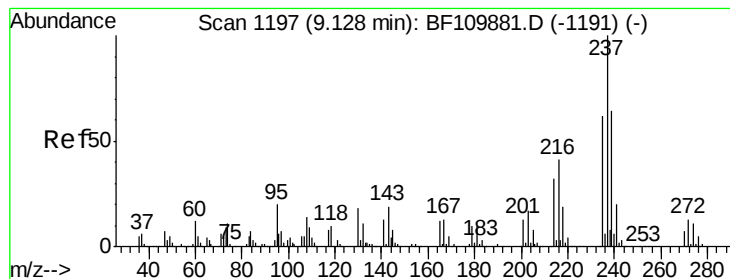
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 28.363 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

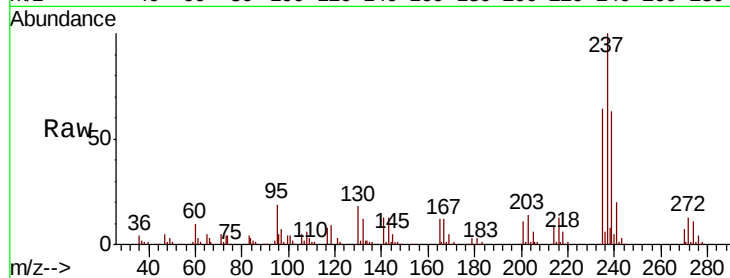
Tot Ion:237 Resp: 140088

Ion Ratio Lower Upper

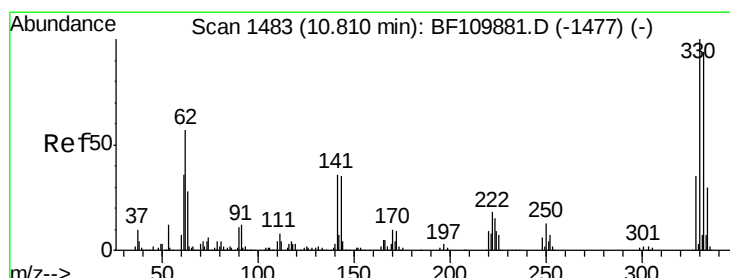
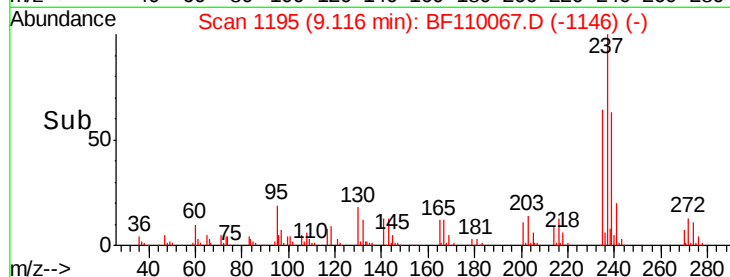
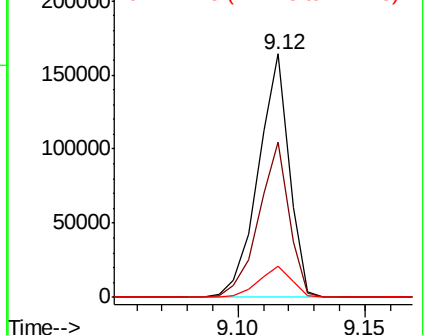
237 100

235 64.0 43.1 83.1

272 12.8 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: 50.637 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

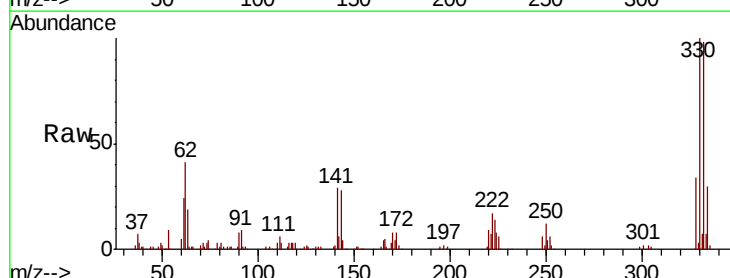
Tgt Ion:330 Resp: 145652

Ion Ratio Lower Upper

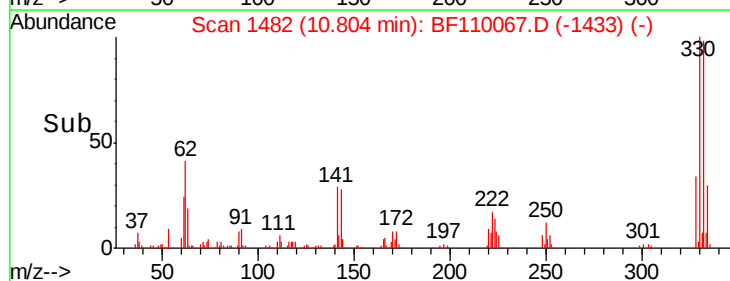
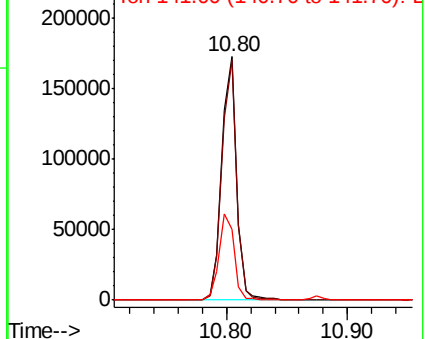
330 100

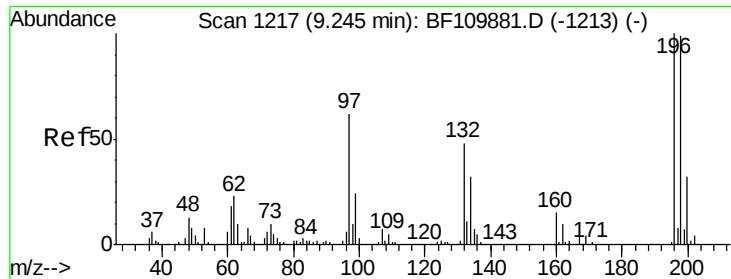
332 97.2 77.1 115.7

141 36.0 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

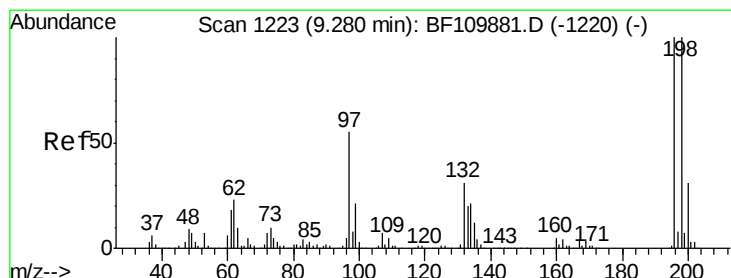
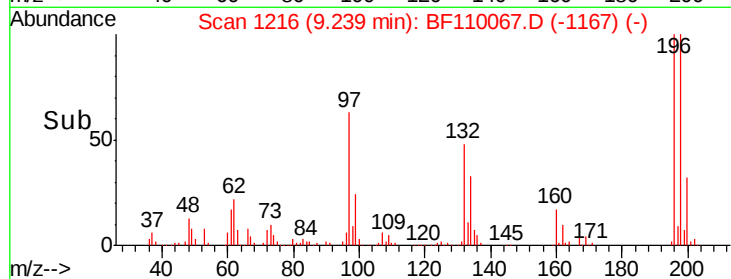
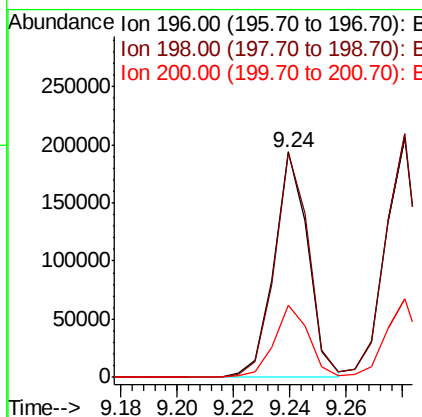
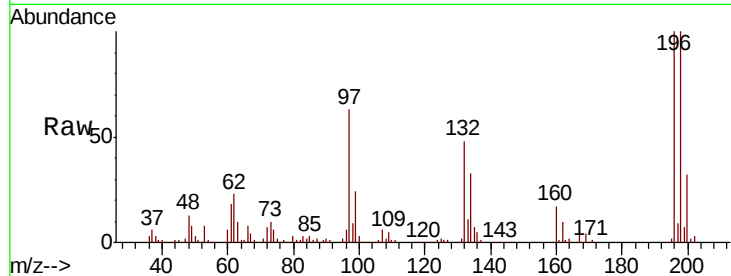




#43
 2,4,6-Trichlorophenol
 Concen: 25.199 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

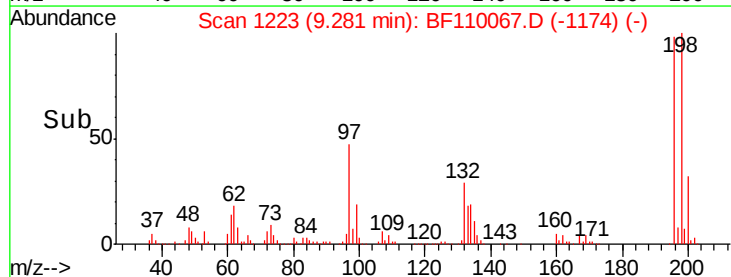
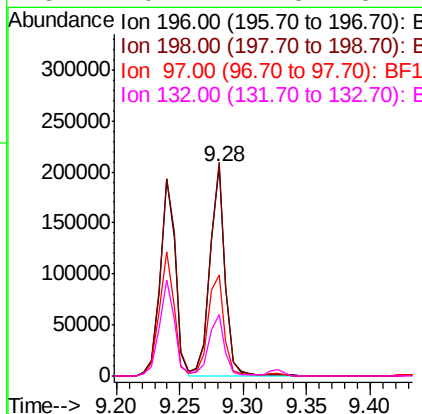
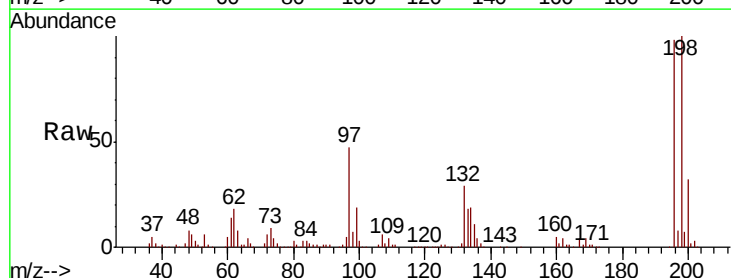
Instrument :
 BNA_F
 ClientSampled :

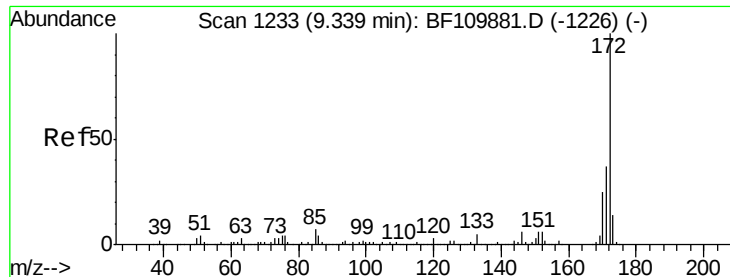
Tot Ion:196 Resp: 161242
 Ion Ratio Lower Upper
 196 100
 198 99.7 76.2 114.4
 200 31.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 26.293 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion:196 Resp: 174612
 Ion Ratio Lower Upper
 196 100
 198 101.8 75.8 113.6
 97 48.2 42.4 63.6
 132 29.2 22.8 34.2

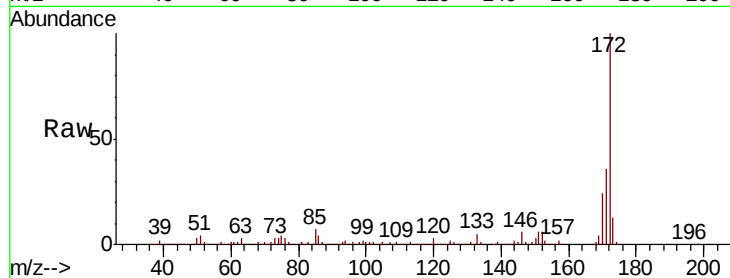




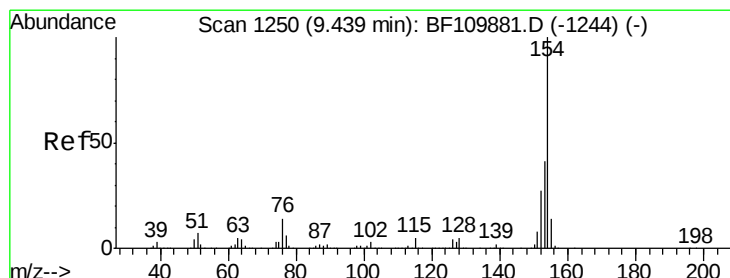
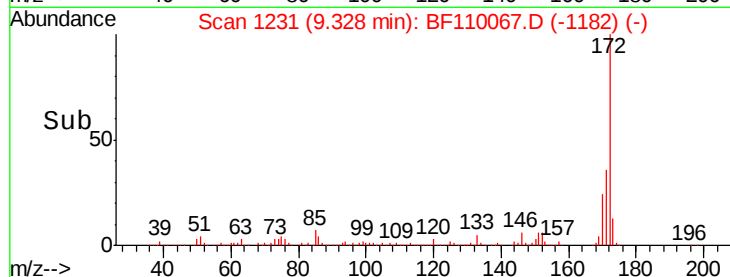
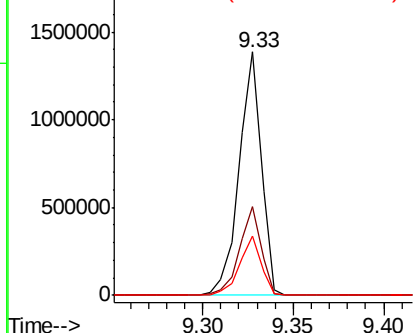
#45
2-Fluorobiphenyl
Concen: 56.961 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1186004
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.3 19.7 29.5

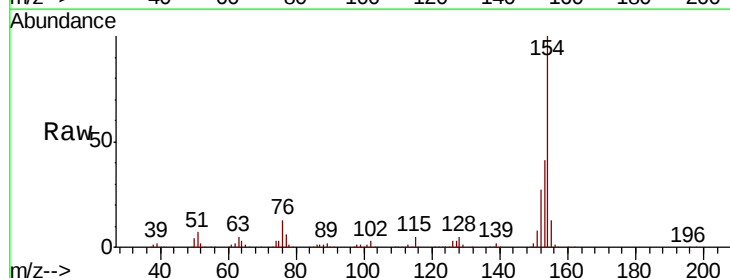


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

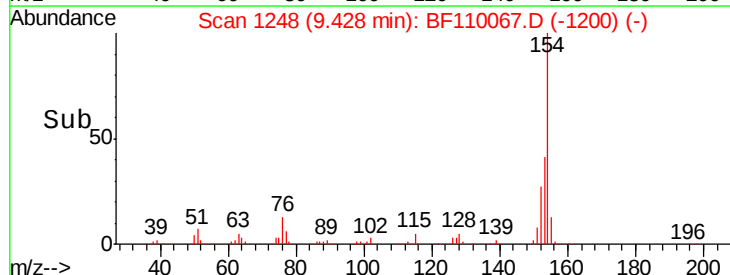
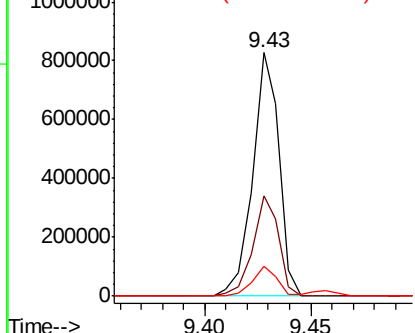


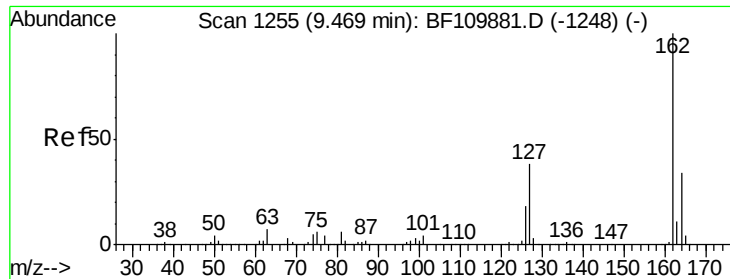
#46
1,1'-Biphenyl
Concen: 24.174 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:154 Resp: 715585
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 12.5 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

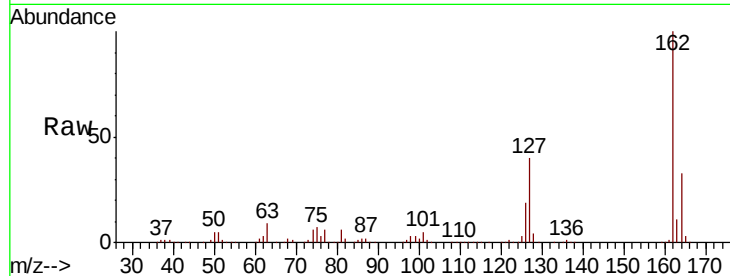




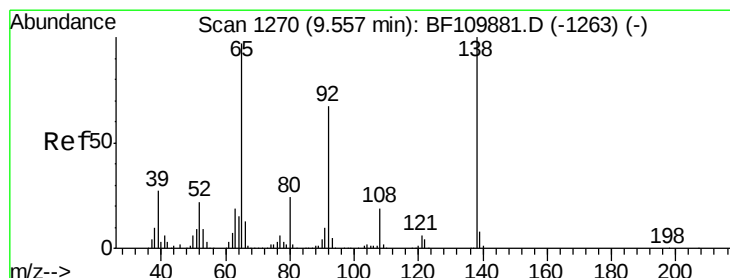
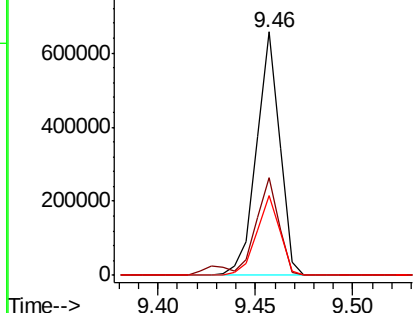
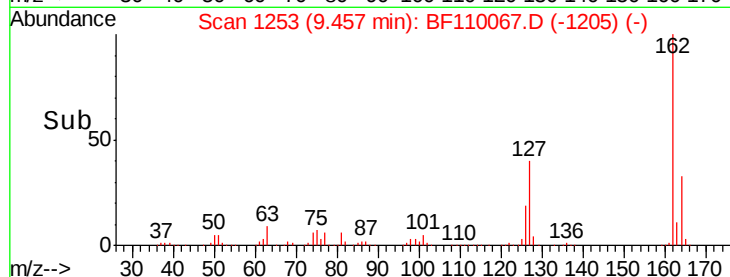
#47
 2-Chloronaphthalene
 Concen: 24.795 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 540634
 Ion Ratio Lower Upper
 162 100
 127 40.3 32.6 48.8
 164 32.9 25.9 38.9

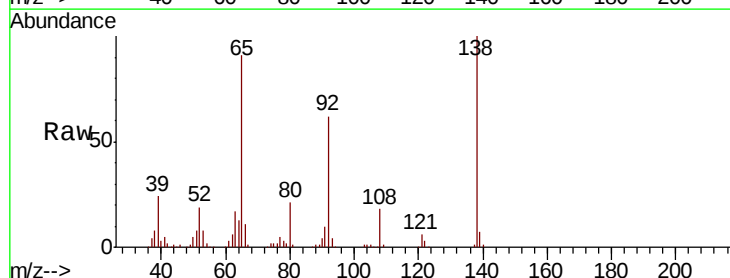


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

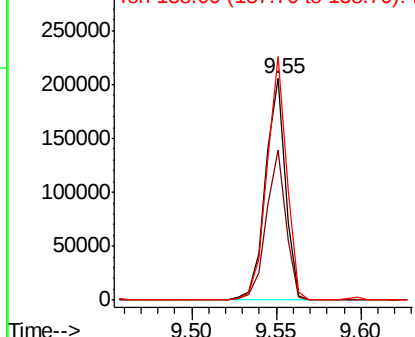
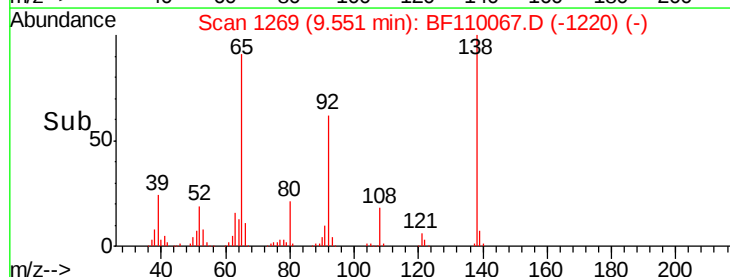


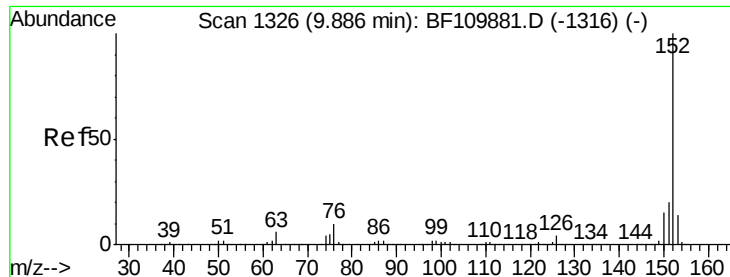
#48
 2-Nitroaniline
 Concen: 30.178 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion: 65 Resp: 168864
 Ion Ratio Lower Upper
 65 100
 92 67.6 54.6 81.8
 138 109.8 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: 26.009 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

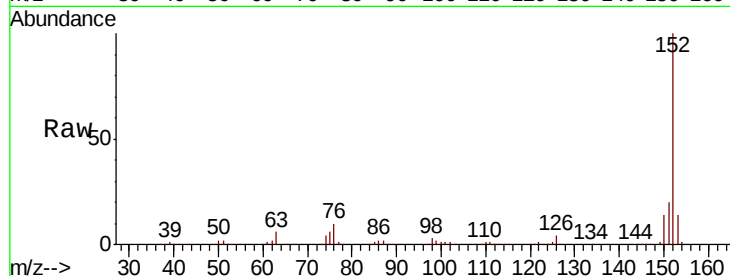
Tot Ion:152 Resp: 823849

Ion Ratio Lower Upper

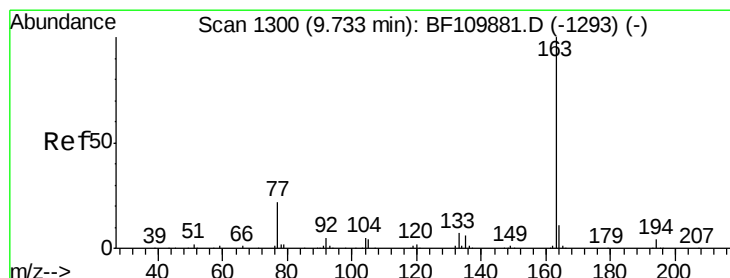
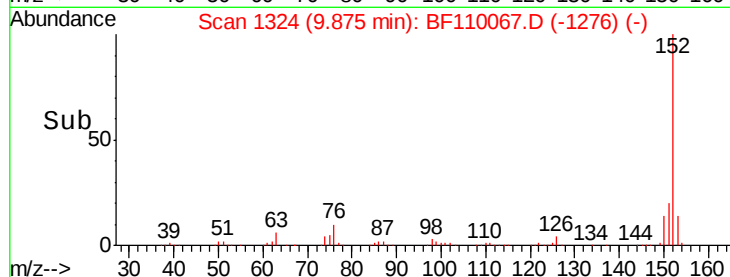
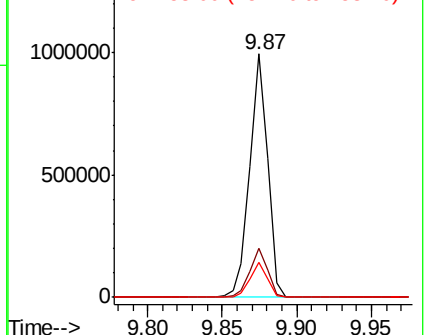
152 100

151 20.2 15.8 23.8

153 14.1 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: 26.783 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

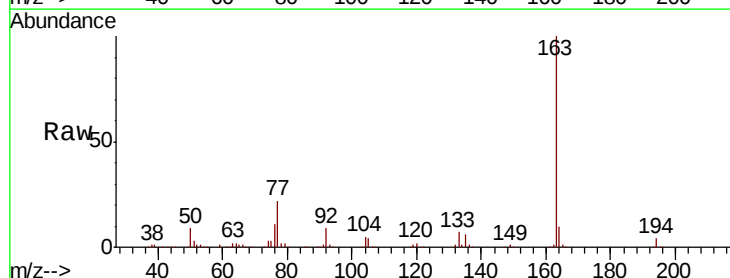
Tgt Ion:163 Resp: 630072

Ion Ratio Lower Upper

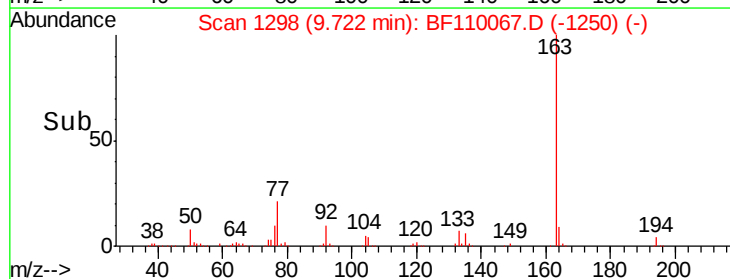
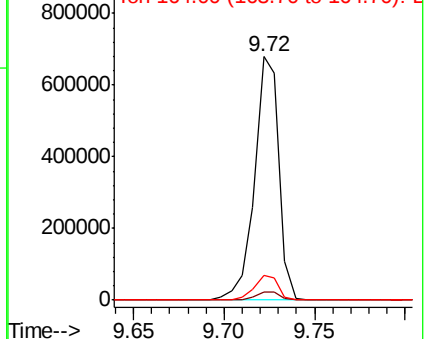
163 100

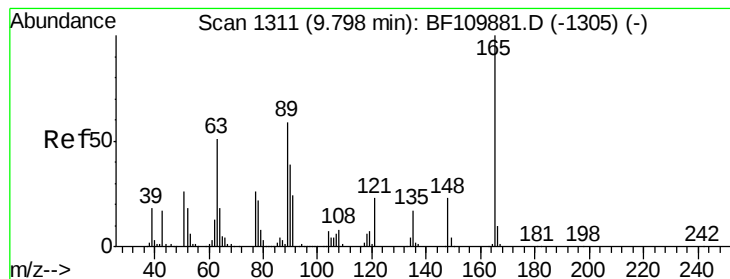
194 3.5 3.2 4.8

164 10.4 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: 28.843 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

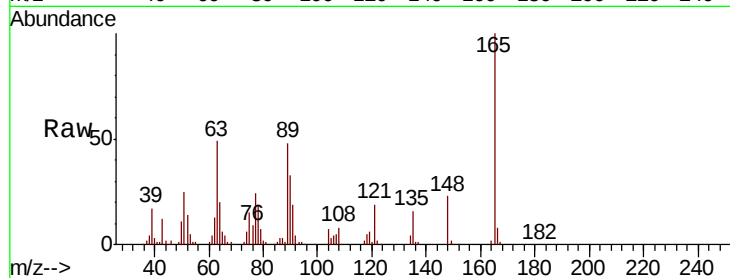
Tot Ion:165 Resp: 128877

Ion Ratio Lower Upper

165 100

63 49.2 48.9 73.3

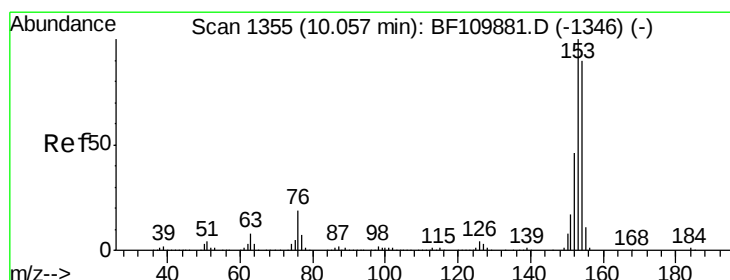
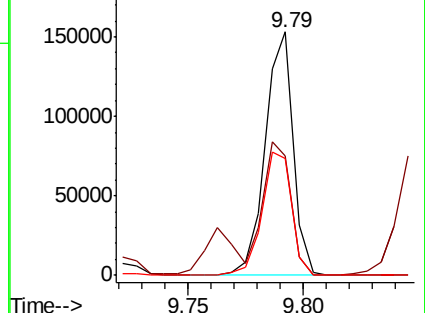
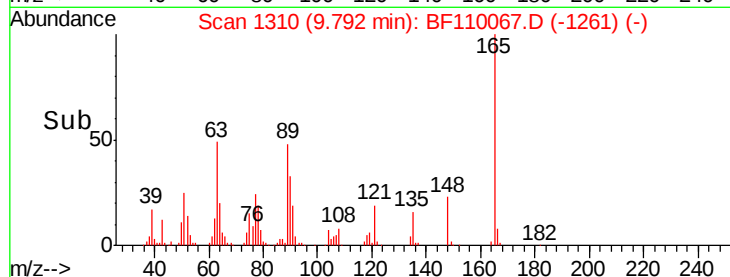
89 48.0 46.6 69.8



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: 25.271 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

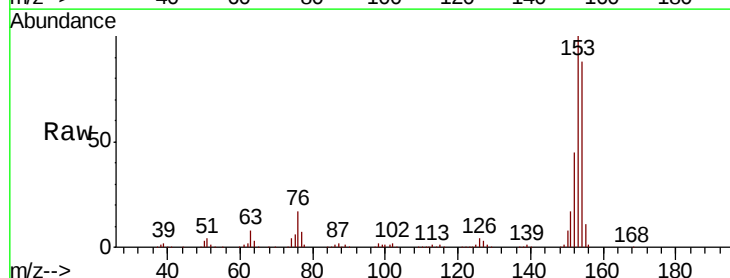
Tgt Ion:154 Resp: 509626

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

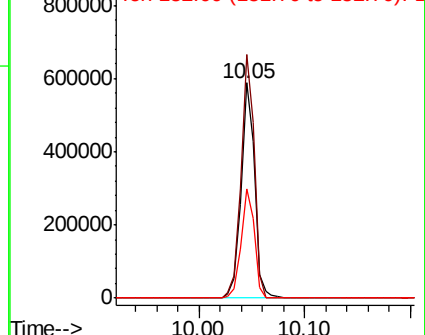
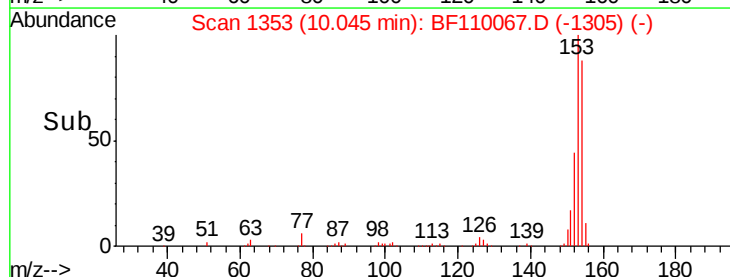
152 50.6 43.4 65.2

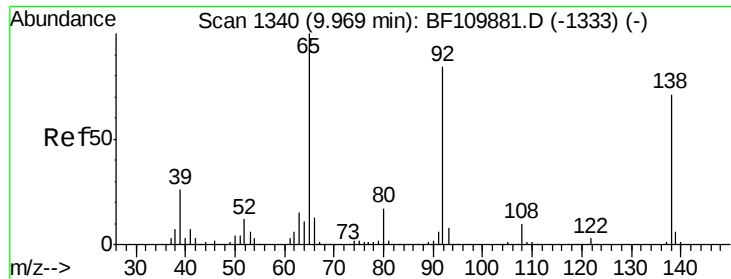


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

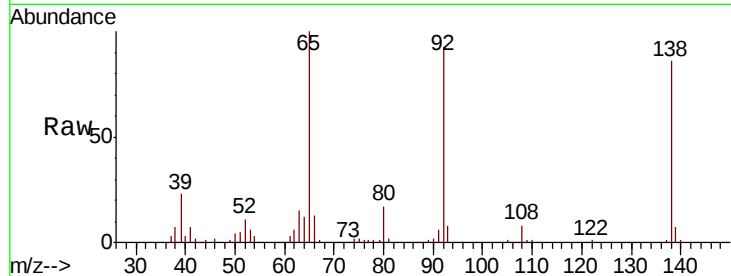




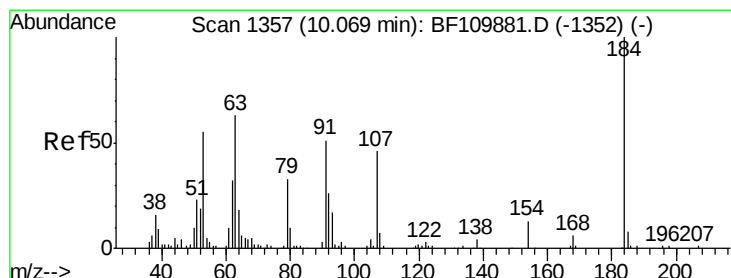
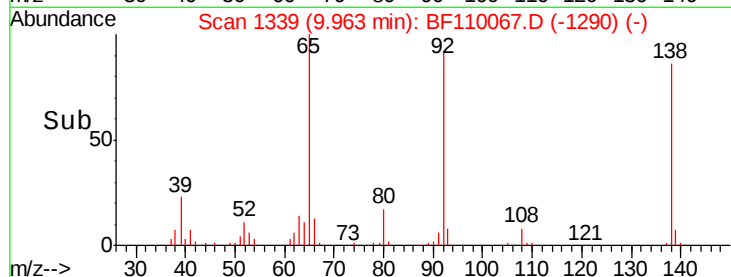
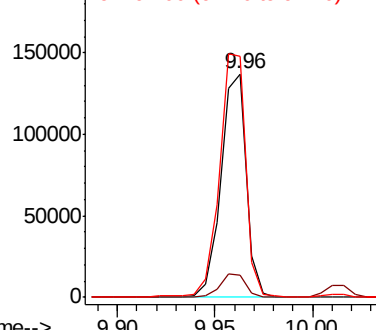
#53
3-Nitroaniline
Concen: 22.688 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 123316
Ion Ratio Lower Upper
138 100
108 9.7 8.7 13.1
92 107.8 97.0 145.4

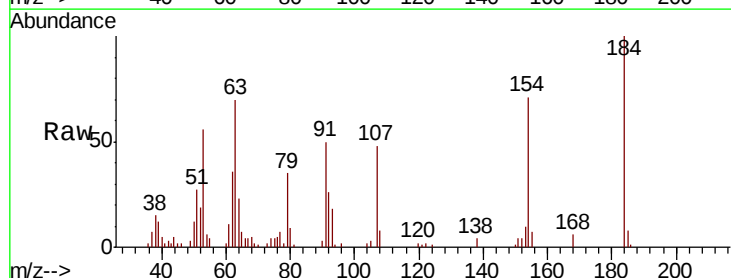


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

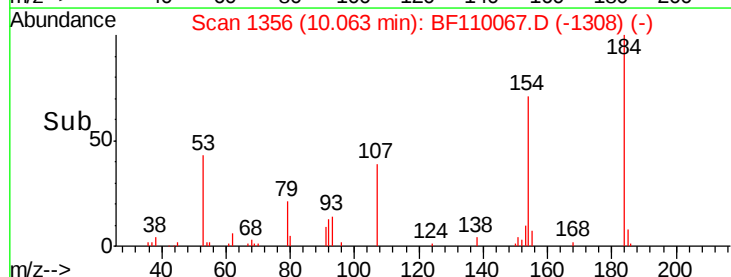
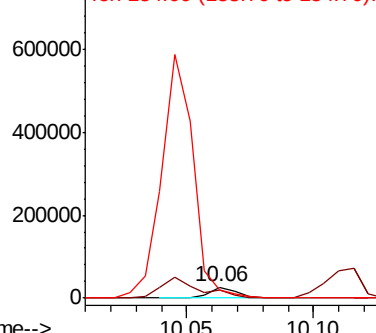


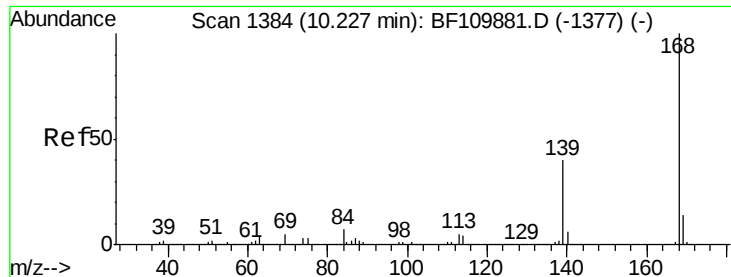
#54
2,4-Dinitrophenol
Concen: 21.566 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:184 Resp: 20274
Ion Ratio Lower Upper
184 100
63 69.7 55.8 83.6
154 71.0 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
800000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

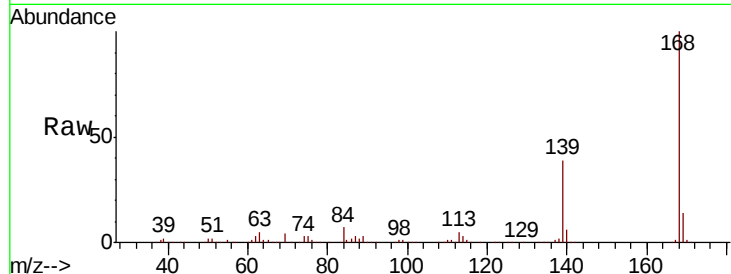




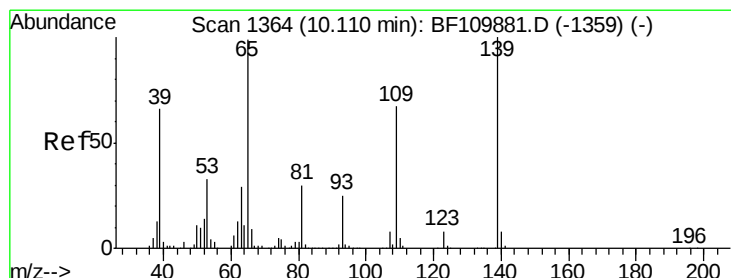
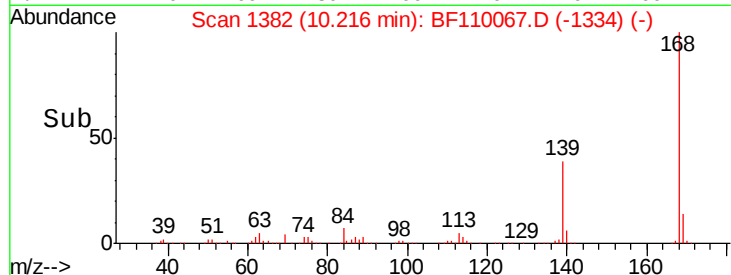
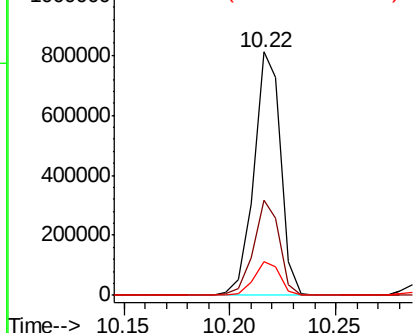
#55
Dibenzenofuran
Concen: 24.908 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 716338
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.6
169 13.7 11.3 16.9

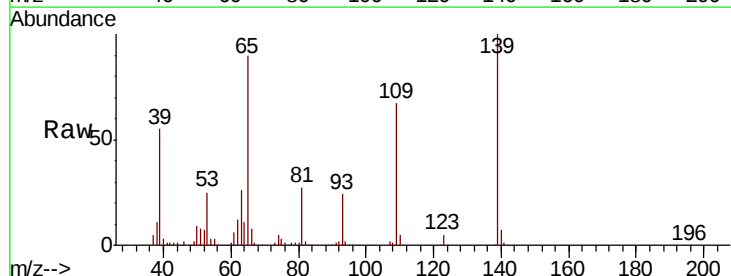


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

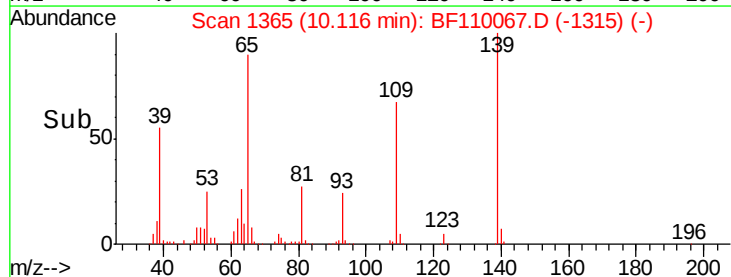
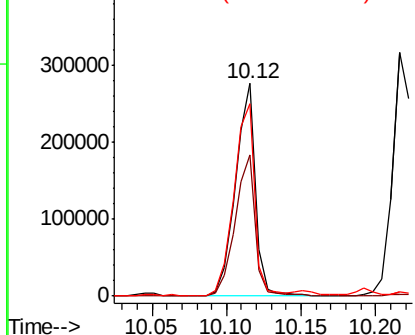


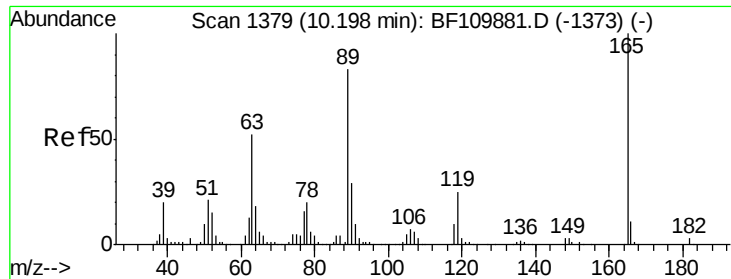
#56
4-Nitrophenol
Concen: 63.025 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:139 Resp: 261385
Ion Ratio Lower Upper
139 100
109 66.7 55.8 95.8
65 90.3 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

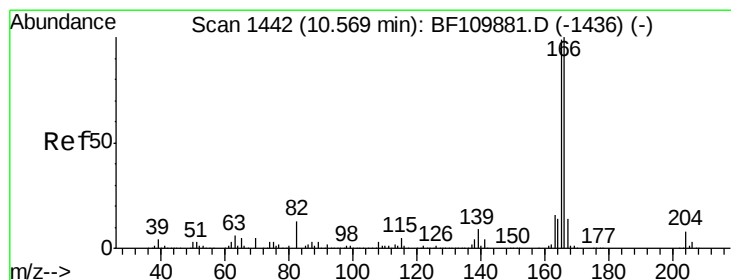
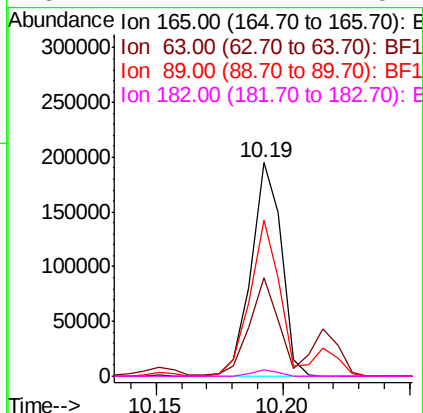
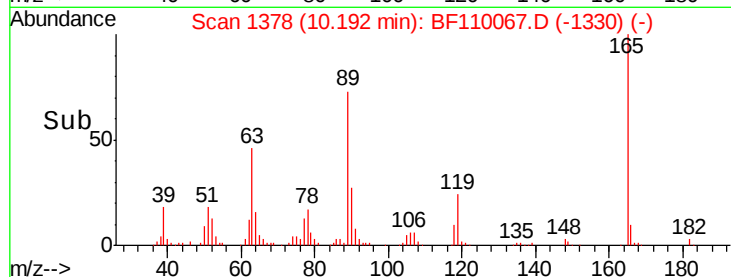
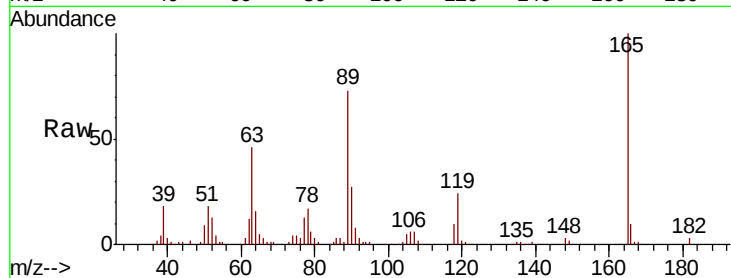




#57
2,4-Dinitrotoluene
Concen: 30.598 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

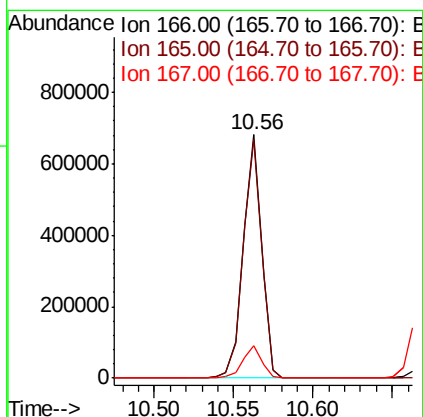
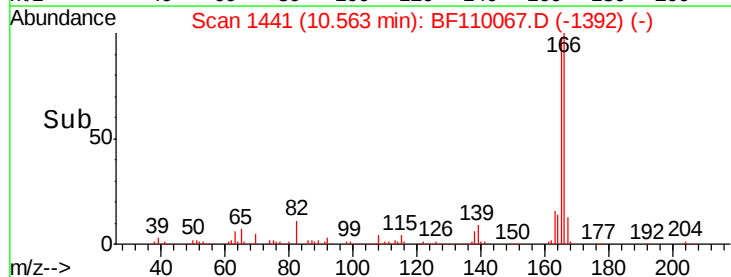
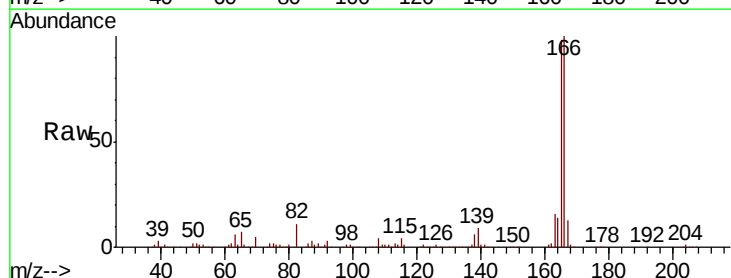
Instrument :
BNA_F
ClientSampleId :

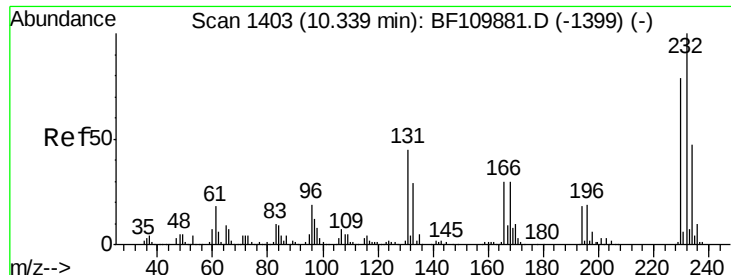
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	44.8	67.2
89	73.2	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 26.004 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.3	10.8	16.2

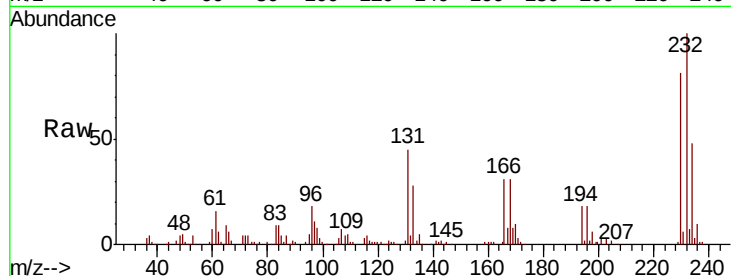




#59
2,3,4,6-Tetrachlorophenol
Concen: 25.113 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.0	55.4
130	2.2	1.8	2.6
166	31.3	22.0	33.0



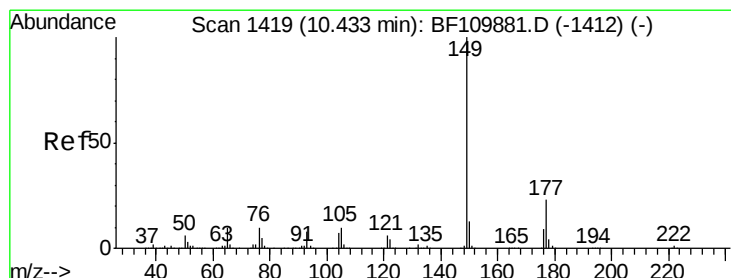
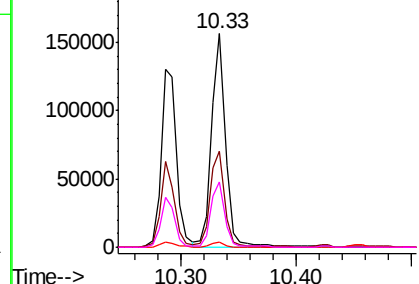
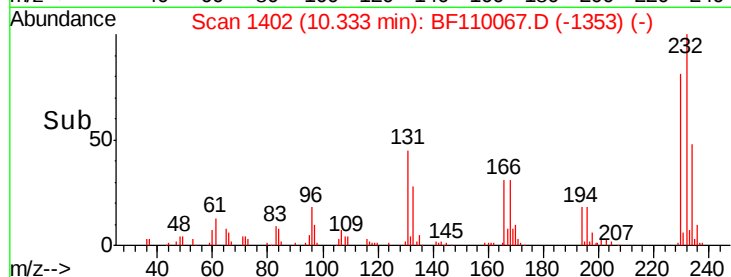
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

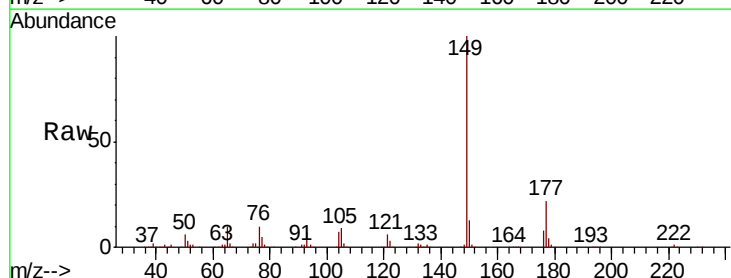
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 25.948 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.6	9.8	14.8

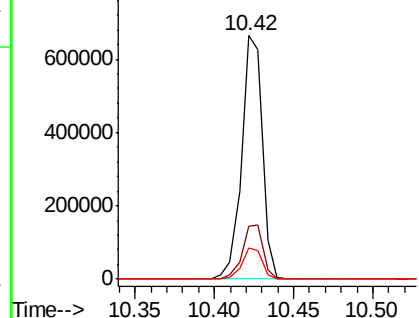
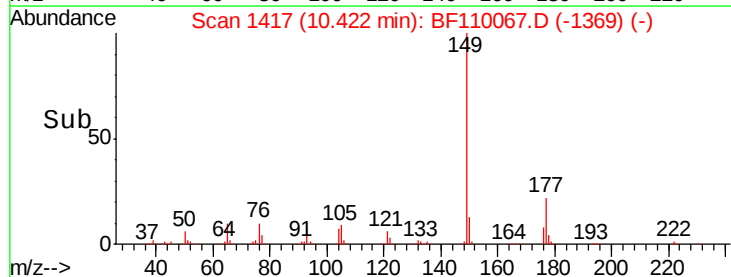


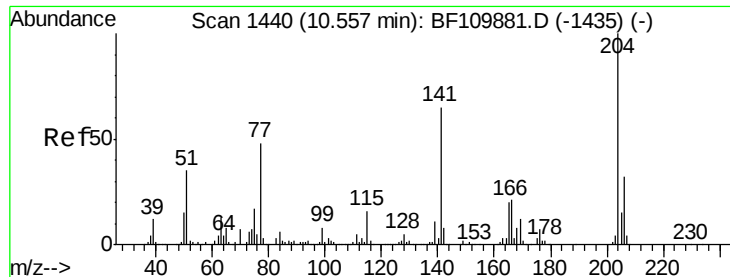
Abundance

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

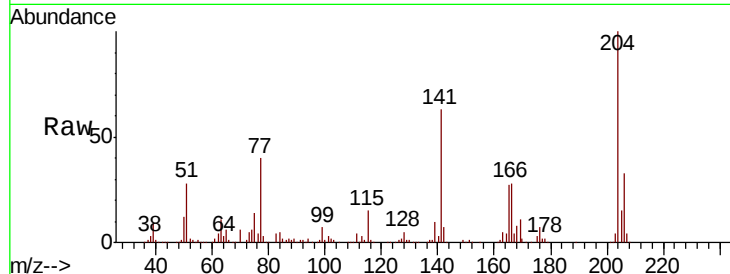




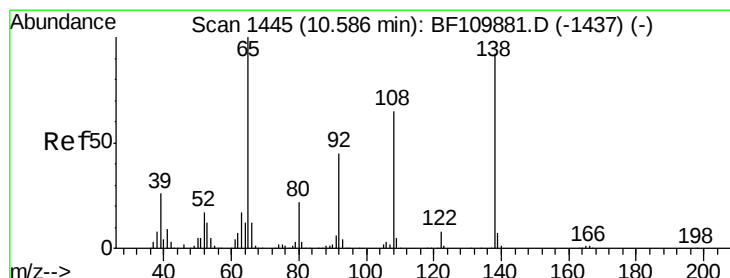
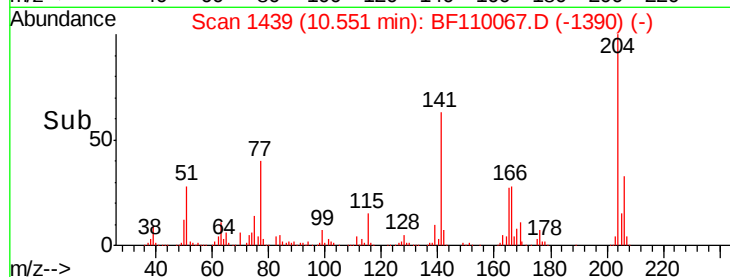
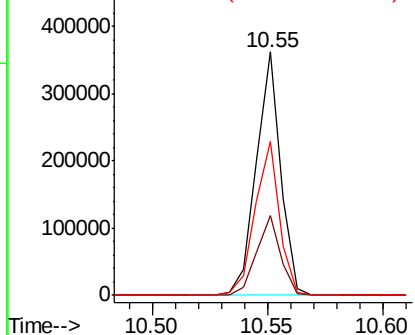
#61
4-Chlorophenyl-phenylether
Concen: 24.539 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	63.2	51.8	77.8

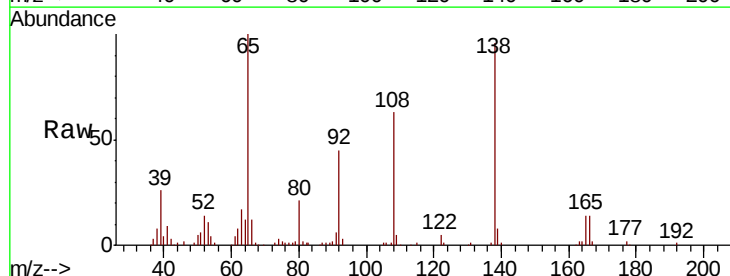


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

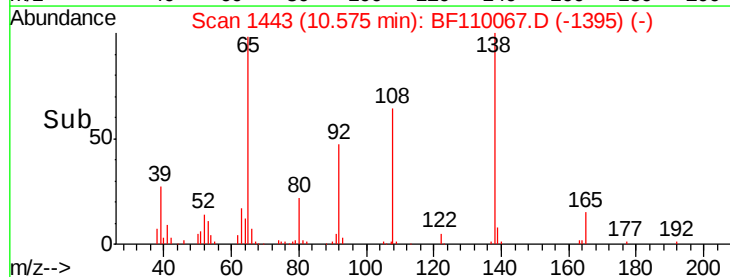
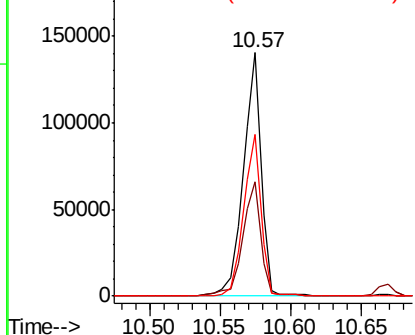


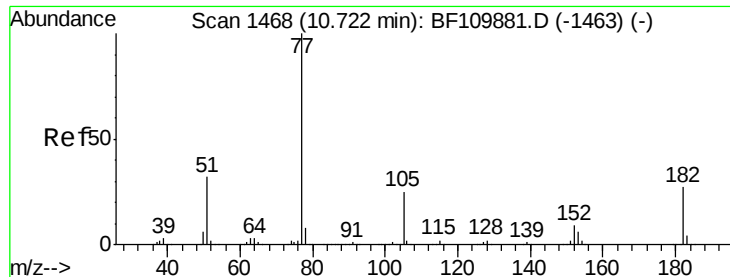
#62
4-Nitroaniline
Concen: 23.944 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	31.7	71.7
108	66.2	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: 23.294 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 565437

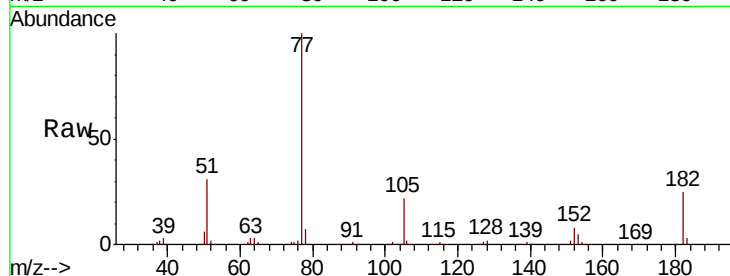
Ion Ratio Lower Upper

77 100

182 24.6 4.3 44.3

105 22.1 1.3 41.3

51 31.0 9.0 49.0

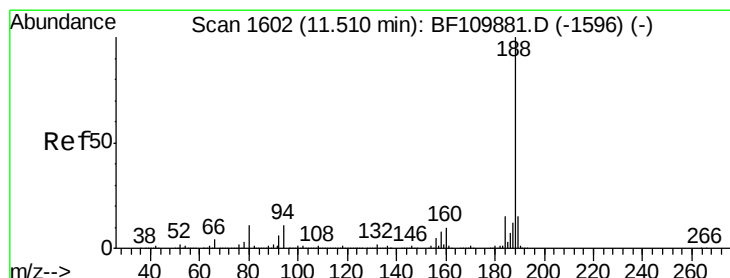
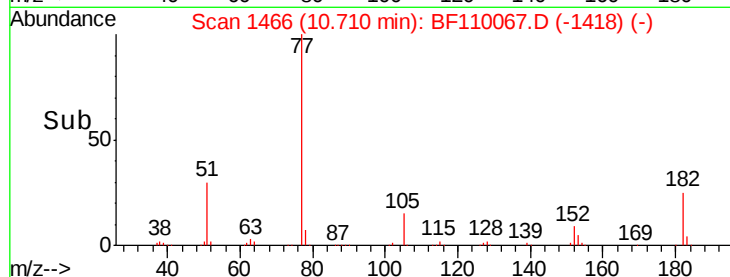
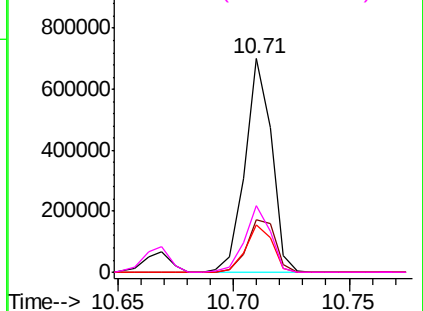


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

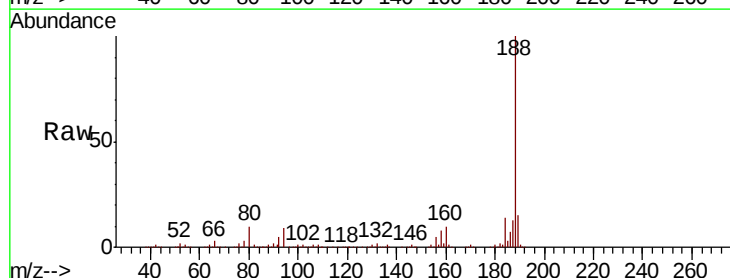
Tgt Ion: 188 Resp: 533967

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

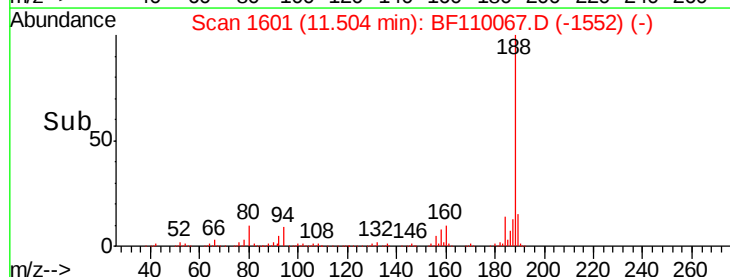
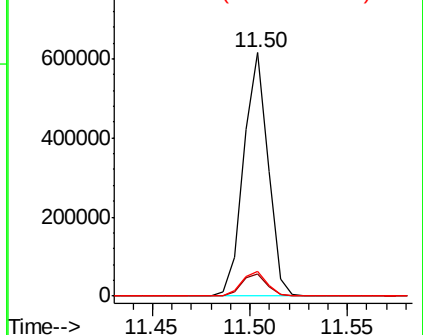
80 10.0 7.9 11.9

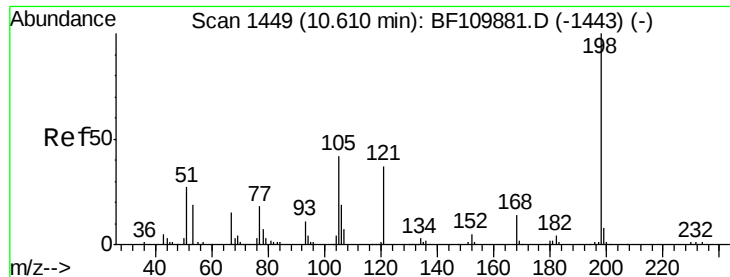


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

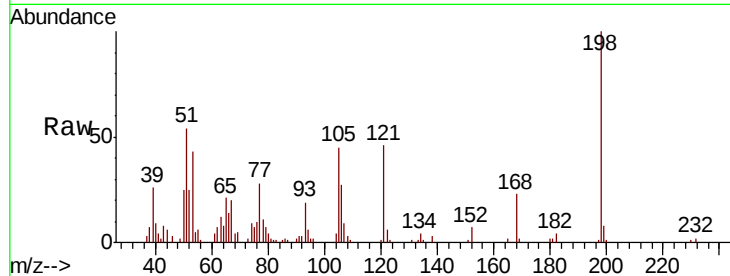




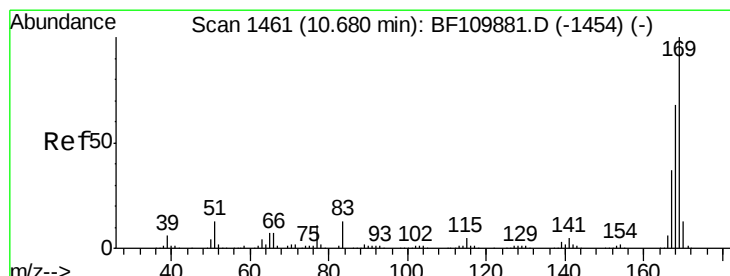
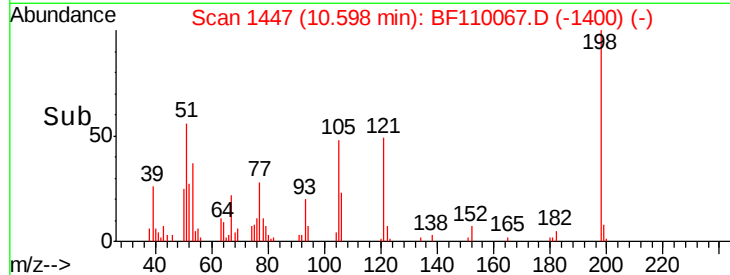
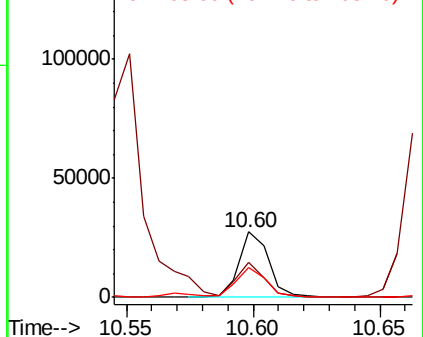
#65
4,6-Dinitro-2-methylphenol
Concen: 17.461 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 22131
Ion Ratio Lower Upper
198 100
51 53.5 22.8 62.8
105 45.4 23.6 63.6

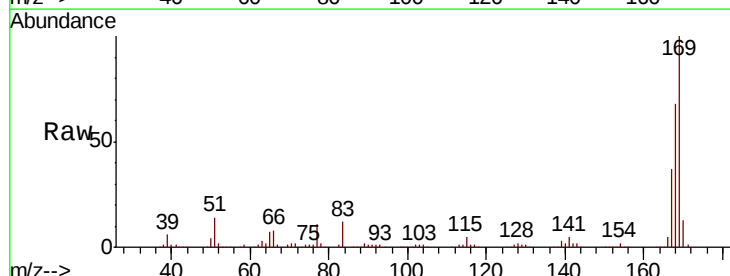


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

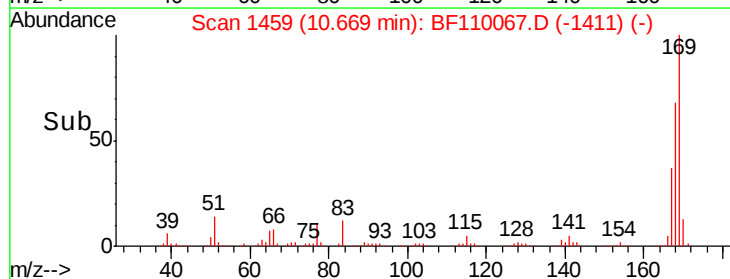
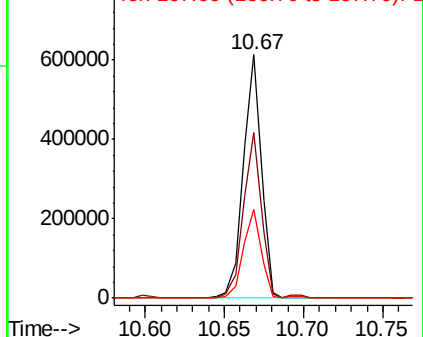


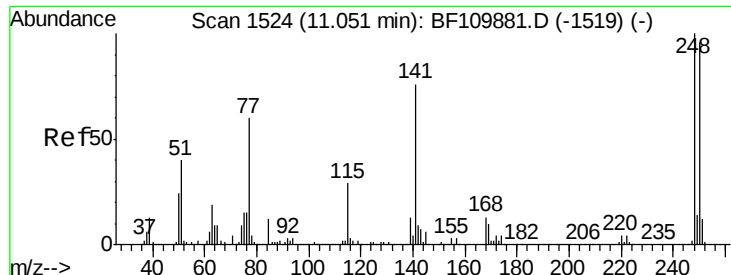
#66
n-Nitrosodiphenylamine
Concen: 27.138 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:169 Resp: 482629
Ion Ratio Lower Upper
169 100
168 67.9 51.2 76.8
167 36.6 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

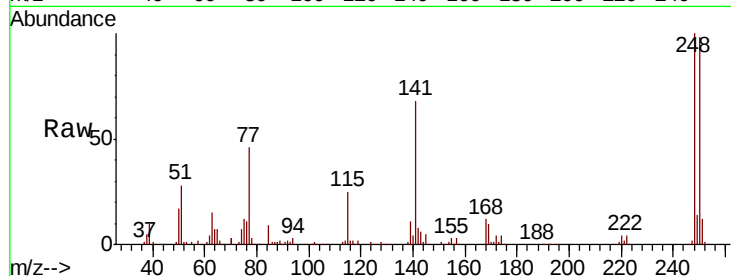




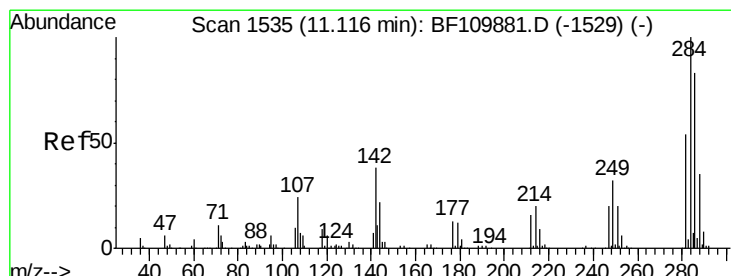
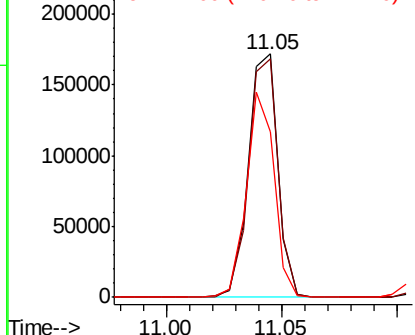
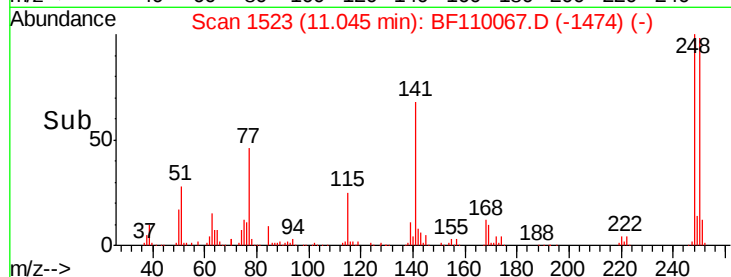
#67
 4-Bromophenyl-phenylether
 Concen: 26.647 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 154201
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.4 119.2
 141 68.0 55.9 83.9

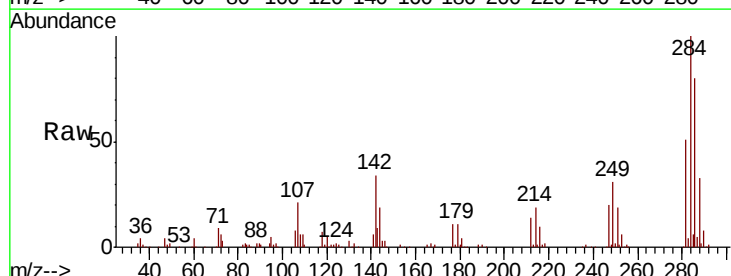


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

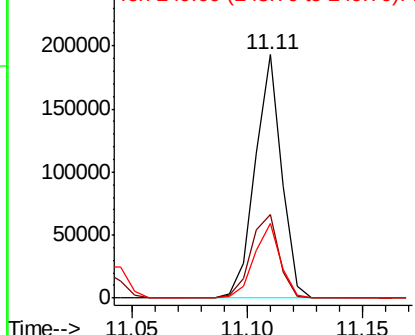
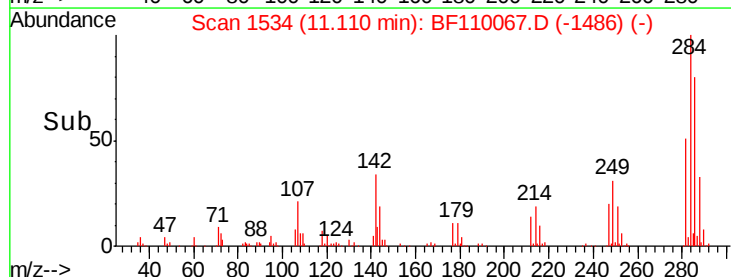


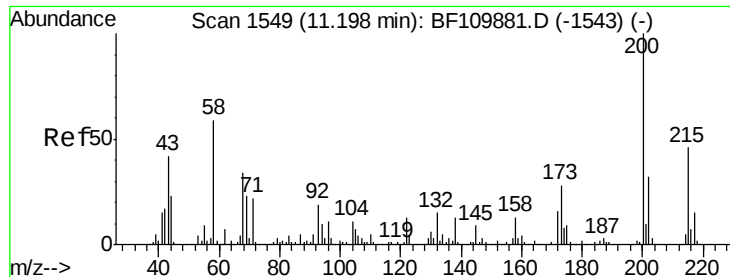
#68
 Hexachlorobenzene
 Concen: 25.089 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion:284 Resp: 154821
 Ion Ratio Lower Upper
 284 100
 142 34.4 23.9 35.9
 249 30.6 24.2 36.2



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

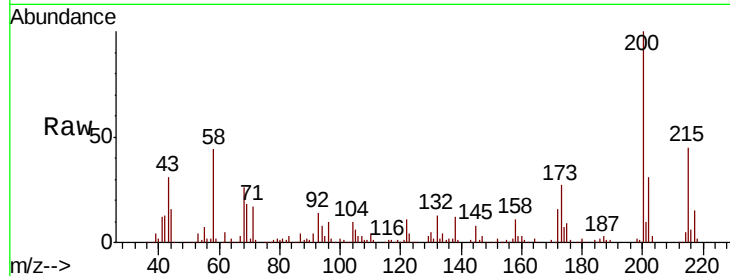




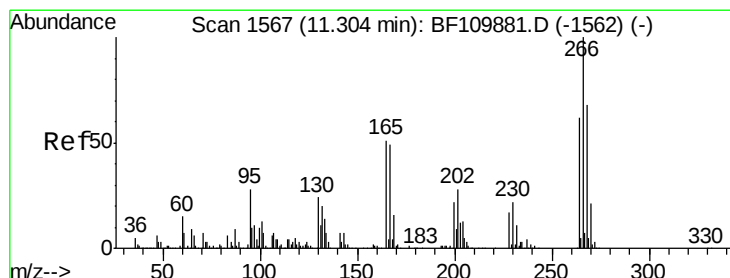
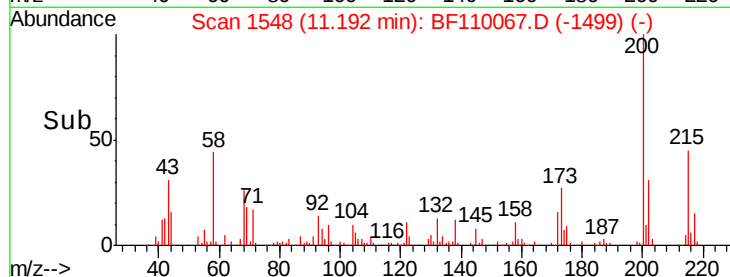
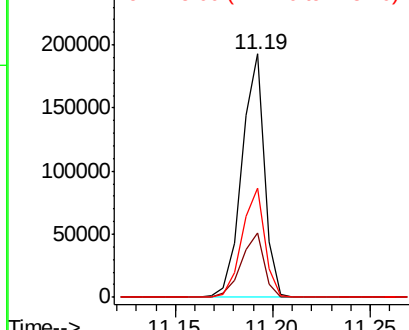
#69
Atrazine
Concen: 27.782 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 154334
Ion Ratio Lower Upper
200 100
173 26.5 6.6 46.6
215 45.0 26.3 66.3

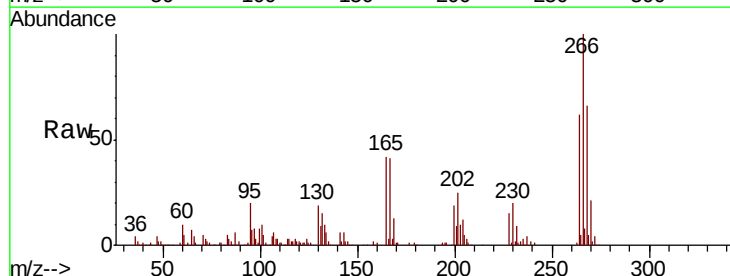


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

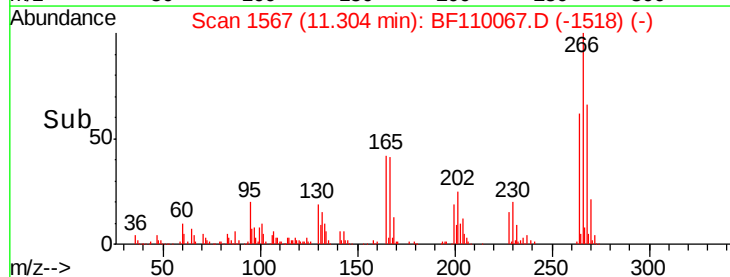
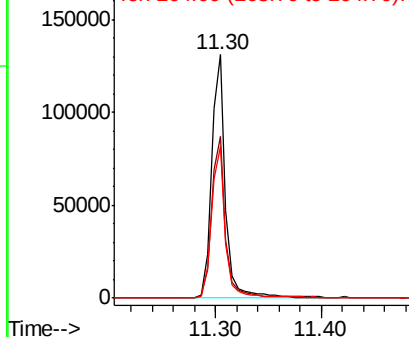


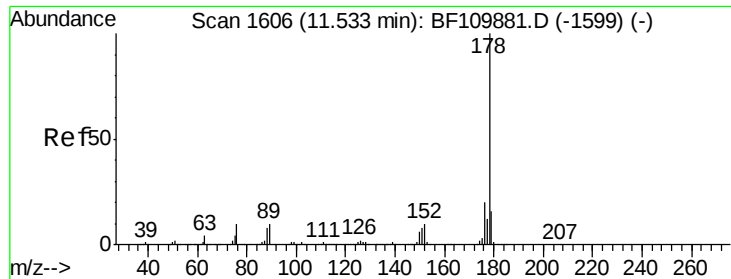
#70
Pentachlorophenol
Concen: 34.679 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:266 Resp: 121788
Ion Ratio Lower Upper
266 100
268 66.3 50.6 75.8
264 62.2 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

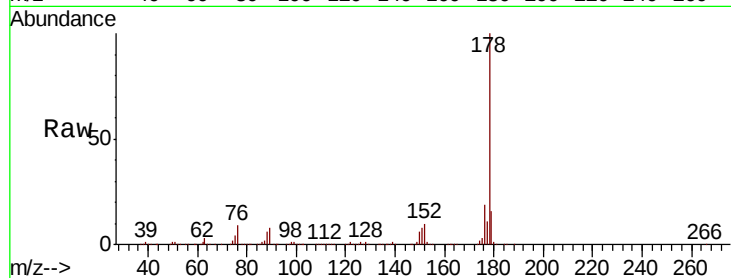




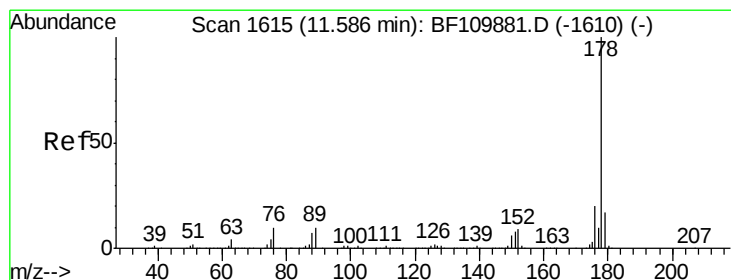
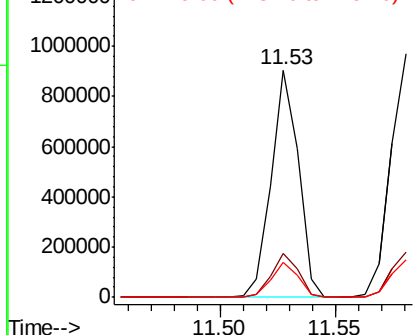
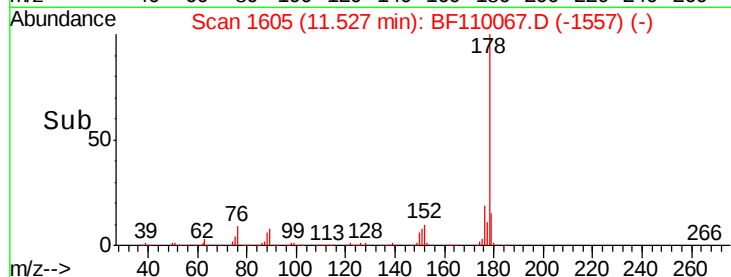
#71
Phenanthrene
Concen: 26.749 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 739434
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.5 18.7

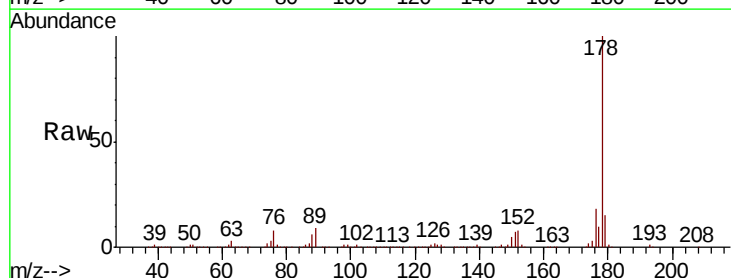


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

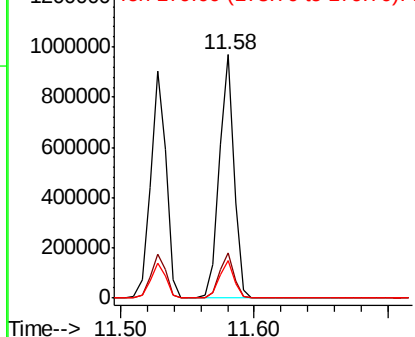
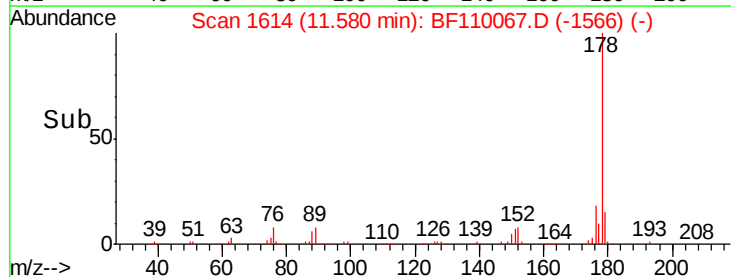


#72
Anthracene
Concen: 27.255 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:178 Resp: 757477
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.5 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

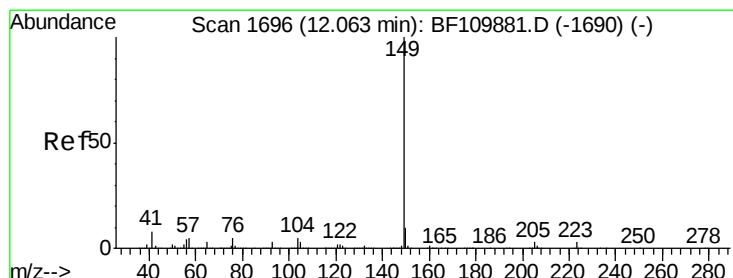
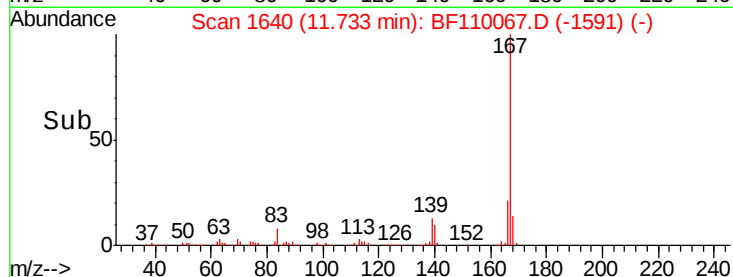
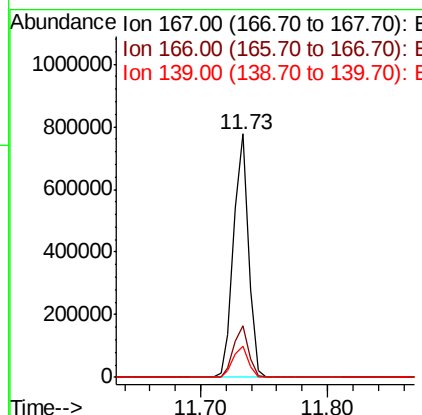
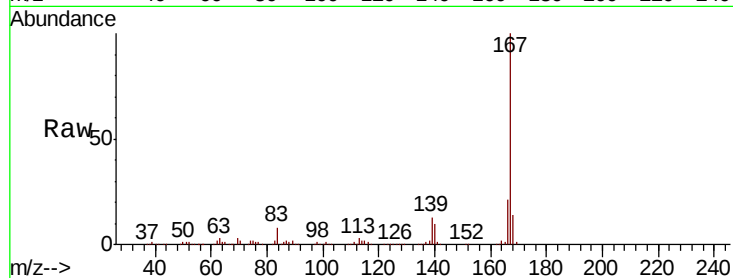




#73
 Carbazole
 Concen: 23.082 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

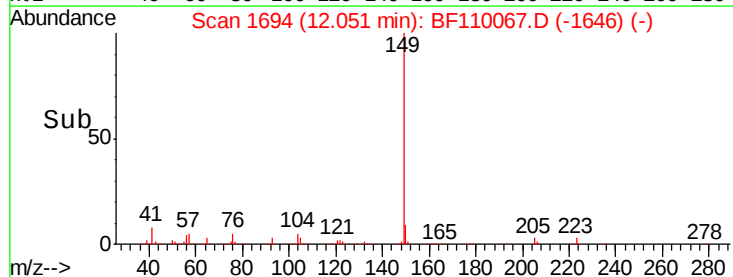
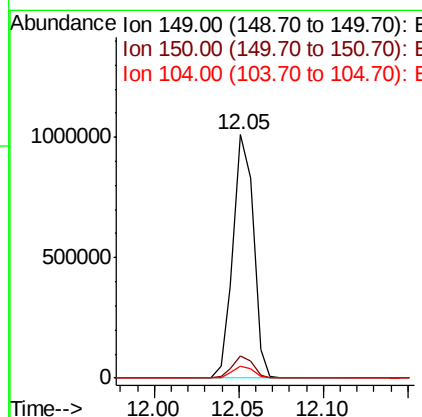
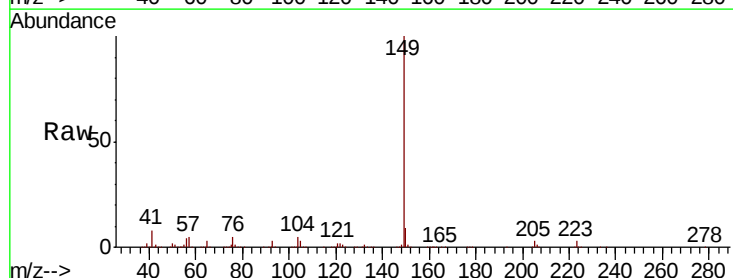
Instrument :
 BNA_F
 ClientSampleId :

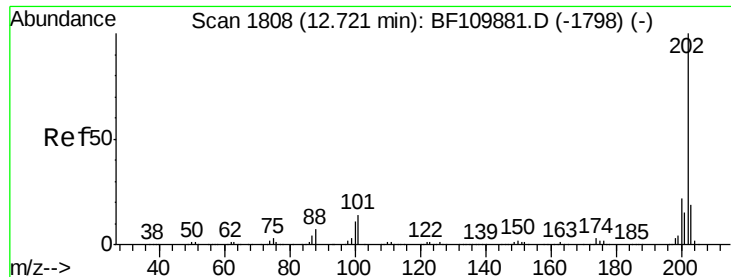
Tot Ion:167 Resp: 630443
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 27.866 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion:149 Resp: 849426
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 23.777 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

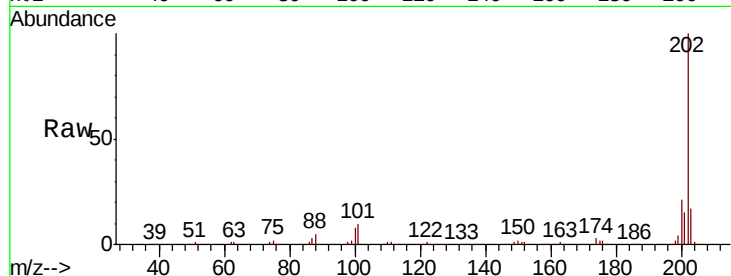
Tot Ion:202 Resp: 656627

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

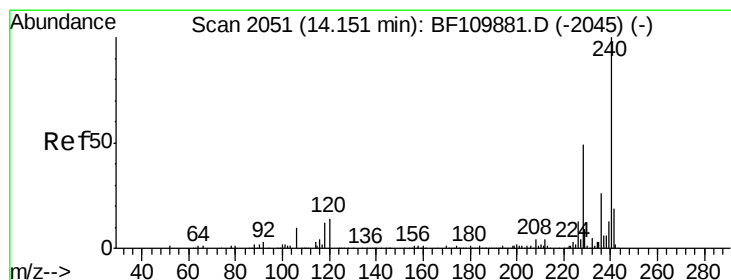
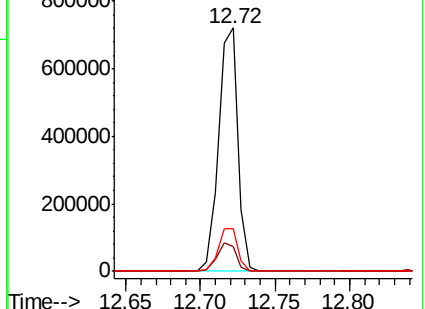
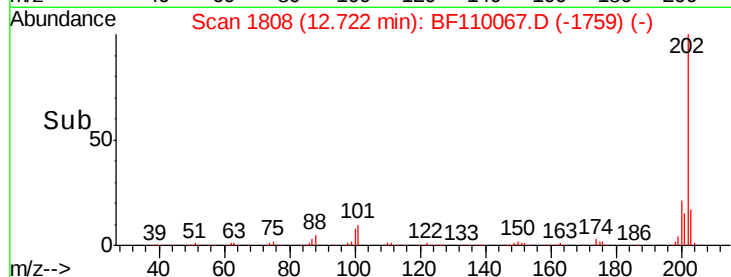
203 17.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

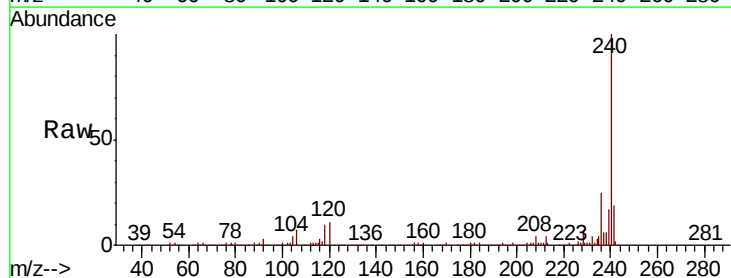
Tgt Ion:240 Resp: 340755

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

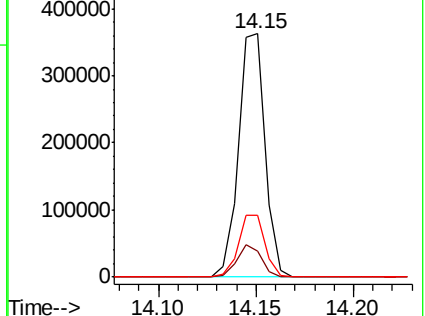
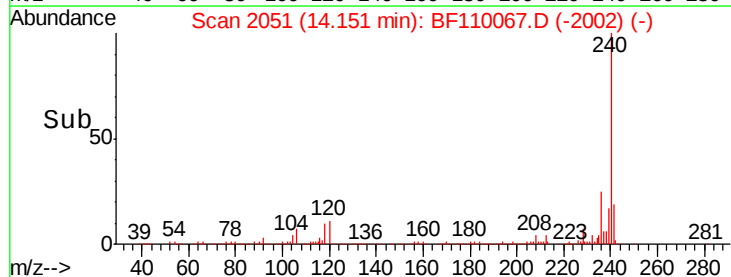
236 25.2 21.2 31.8

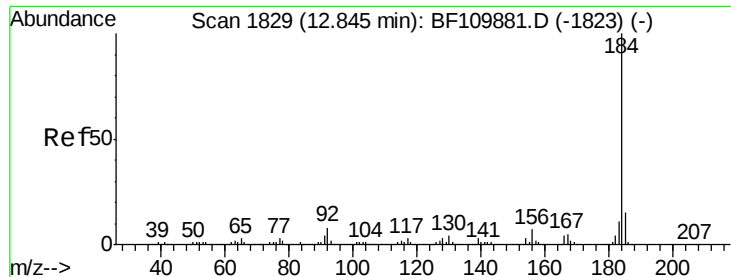


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.229 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

ClientSampled :

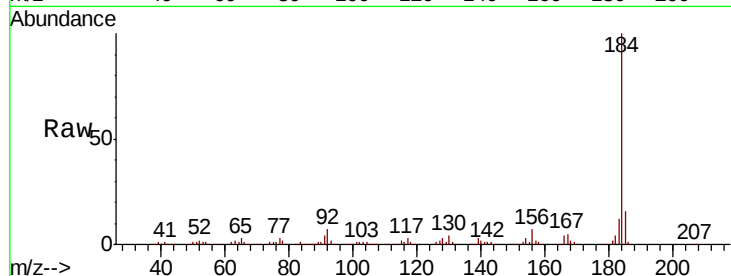
Tot Ion:184 Resp: 394946

Ion Ratio Lower Upper

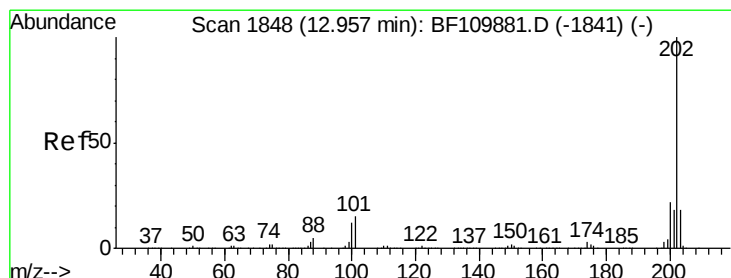
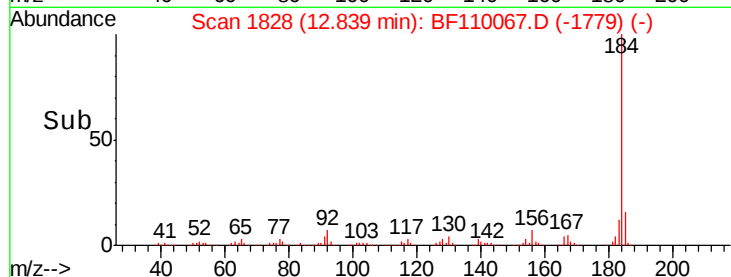
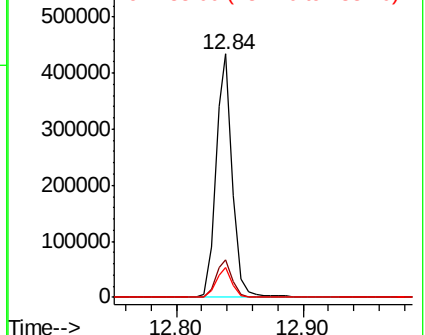
184 100

185 15.5 13.4 20.2

183 12.2 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: 26.044 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

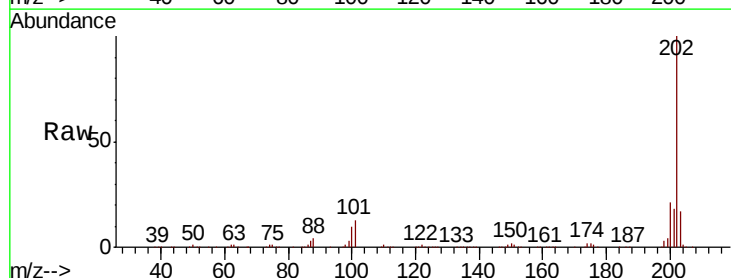
Tgt Ion:202 Resp: 651817

Ion Ratio Lower Upper

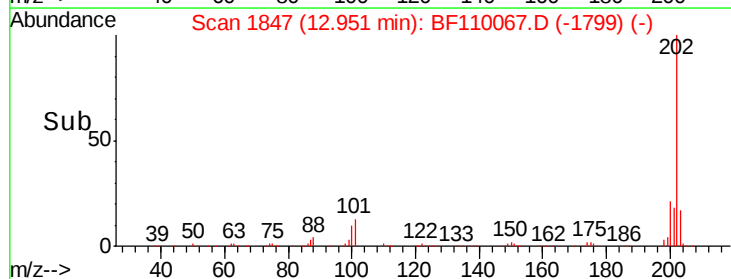
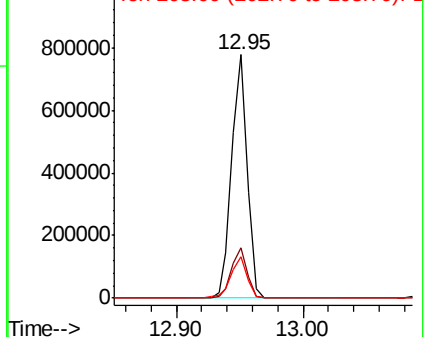
202 100

200 20.8 17.8 26.6

203 17.2 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

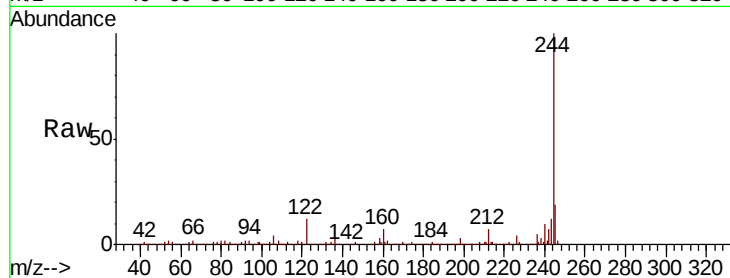




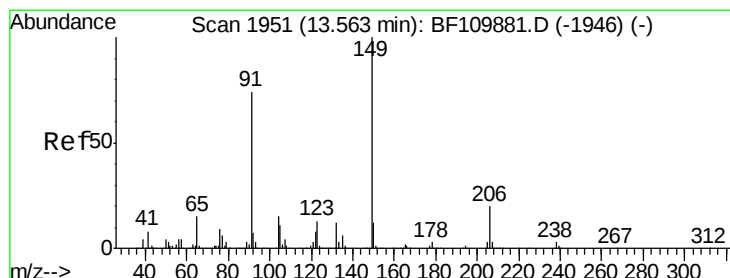
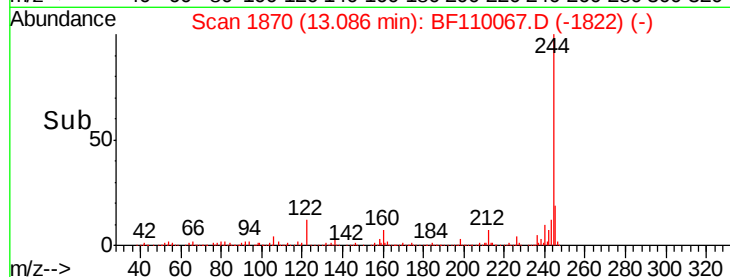
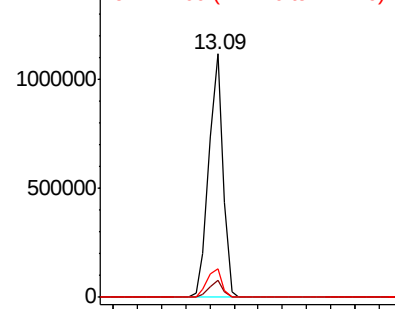
#79
 Terphenyl-d14
 Concen: 55.262 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.7	8.7	13.1

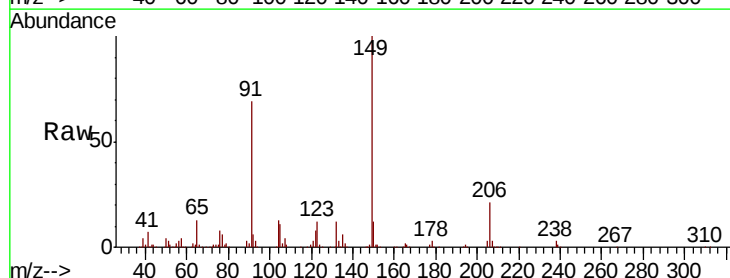


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

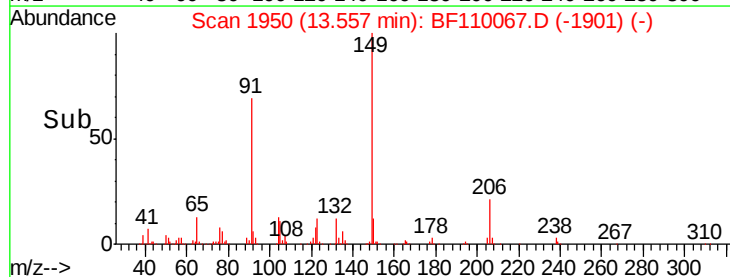
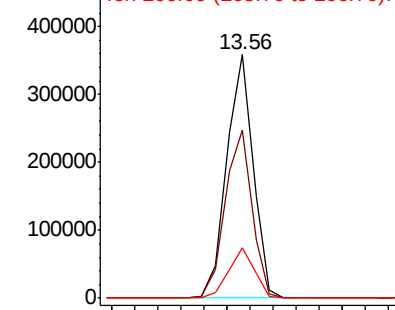


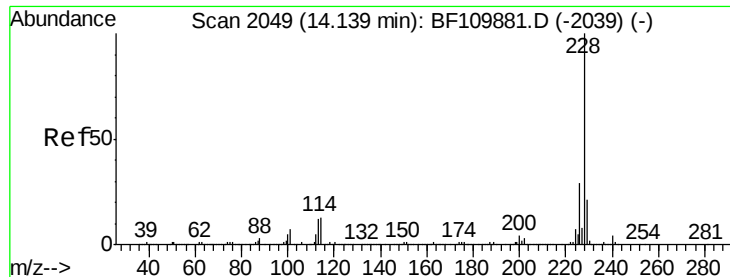
#80
 Butylbenzylphthalate
 Concen: 28.471 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	57.2	85.8
206	20.7	15.7	23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 500000 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.776 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

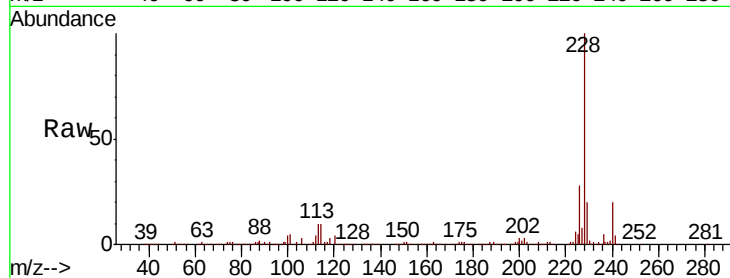
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 517357

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.6	15.6	23.4

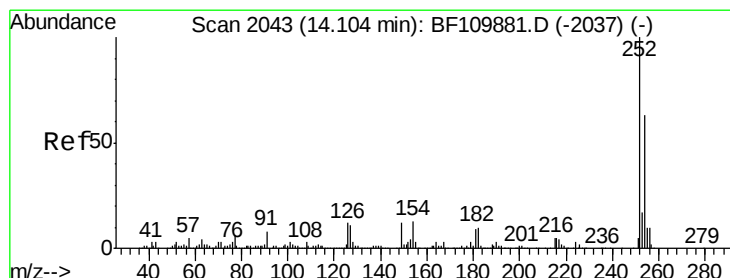
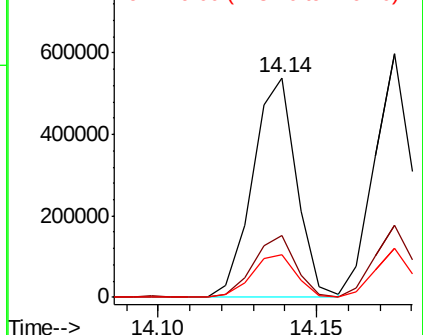
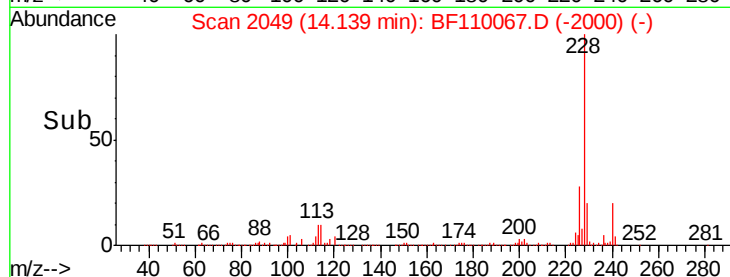


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.231 ng

RT: 14.10 min Scan# 2042

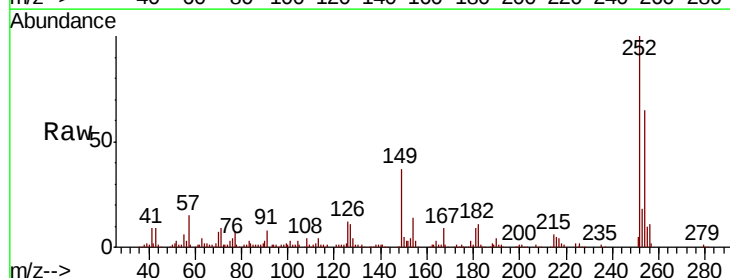
Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:252 Resp: 156428

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	11.8	9.4	14.2

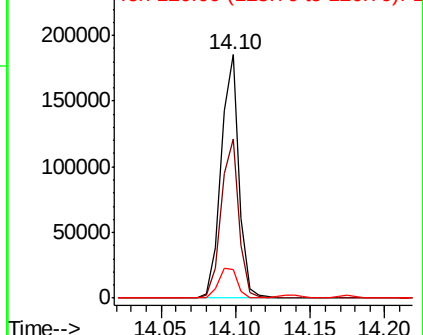
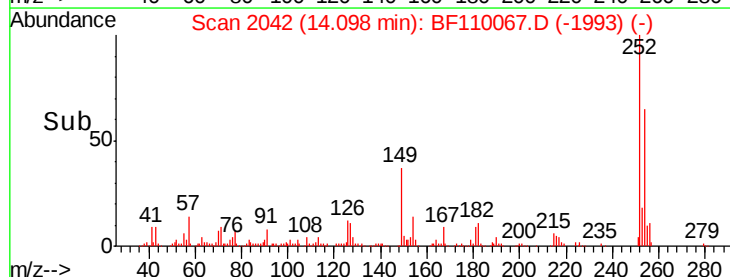


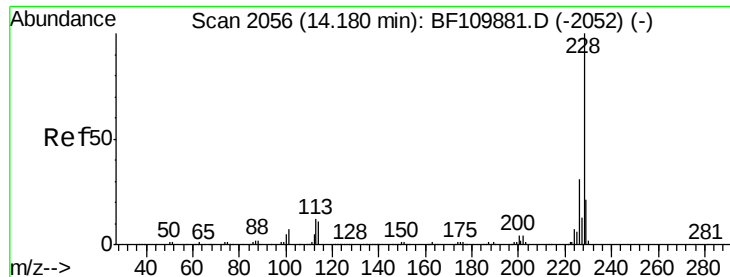
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.303 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

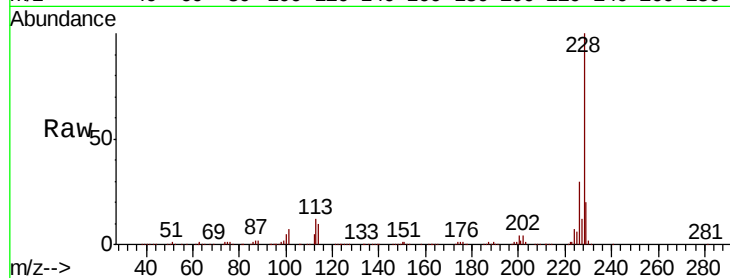
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 483402

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	20.1	15.9	23.9

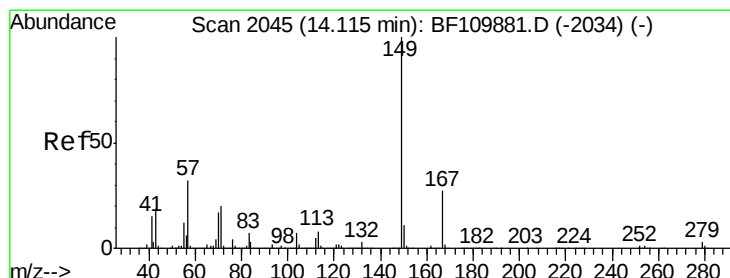
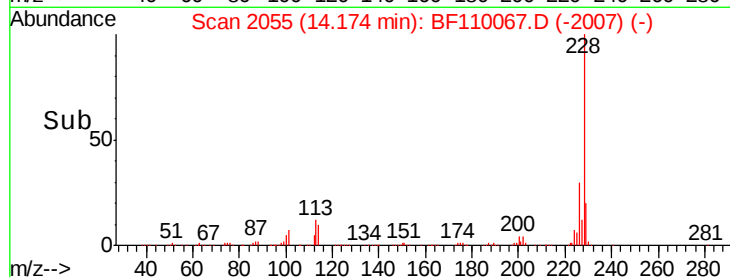
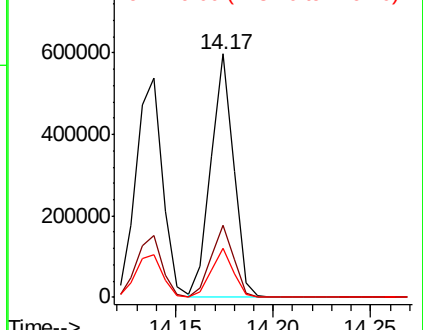


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 29.887 ng

RT: 14.11 min Scan# 2044

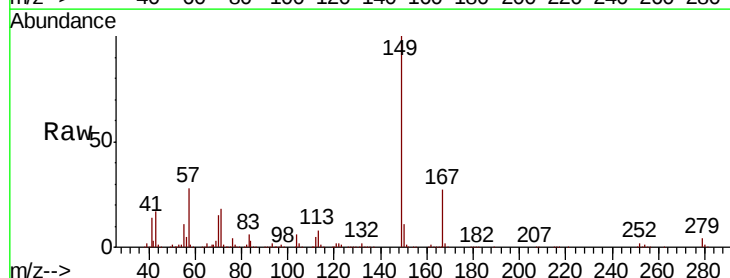
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:149 Resp: 397920

Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.8	2.7	4.1

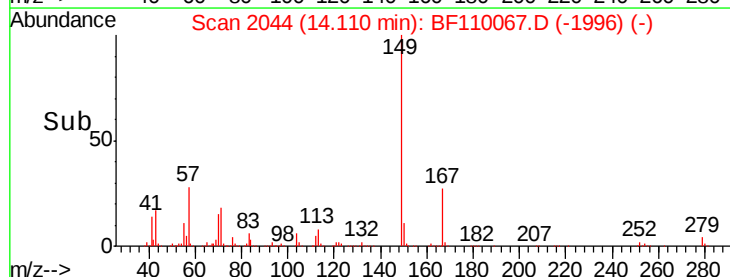
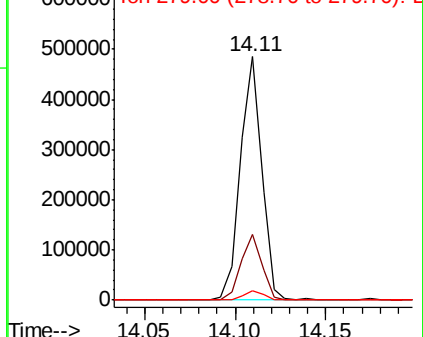


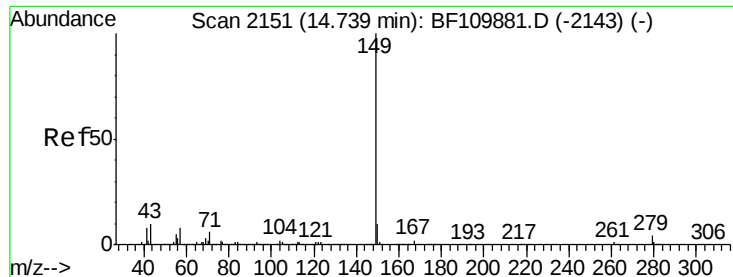
Abundance

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

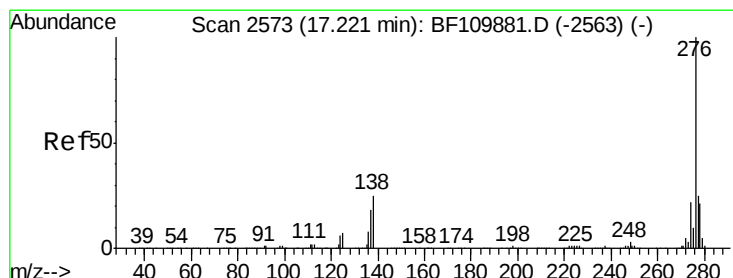
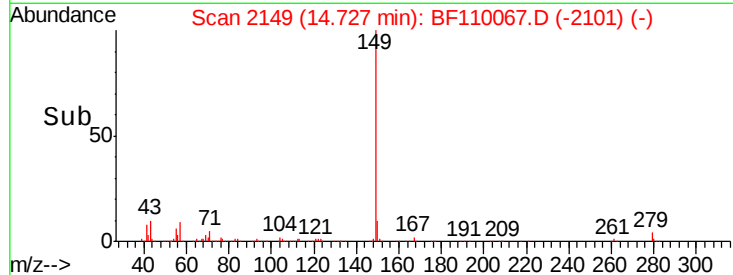
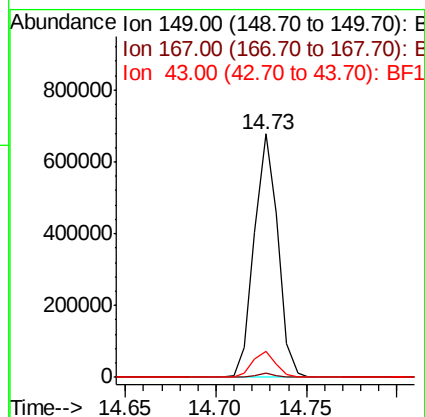
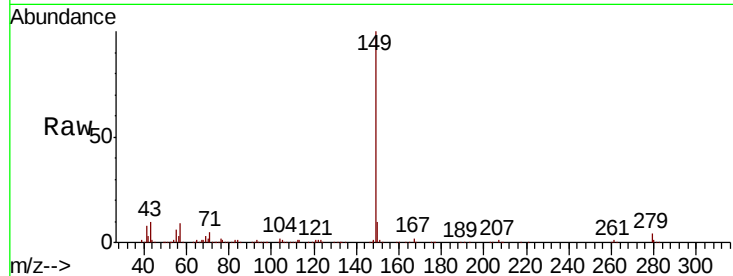




#85
Di-n-octyl phthalate
Concen: 32.698 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

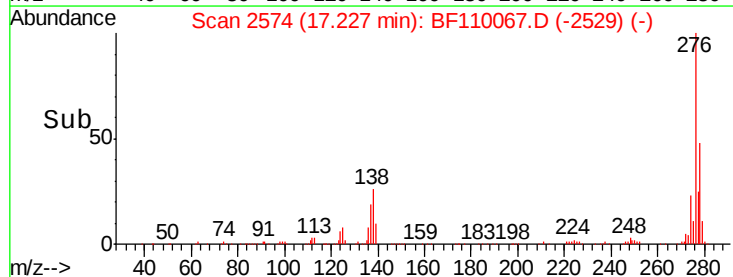
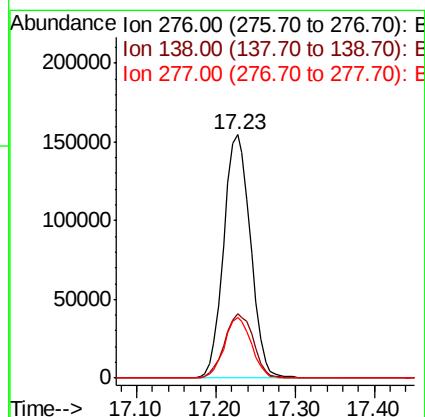
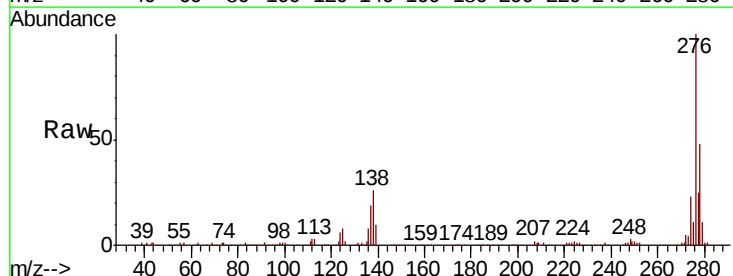
Instrument :
BNA_F
ClientSampleId :

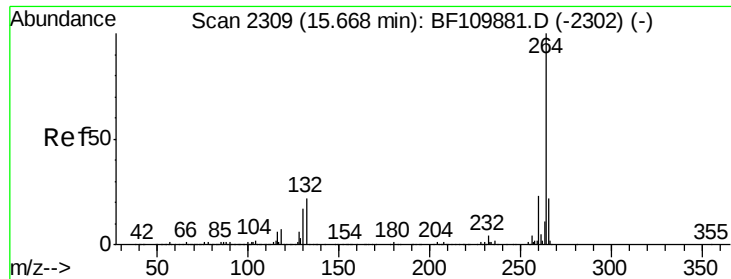
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 23.537 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	18.5	27.7#
277	25.1	20.0	30.0



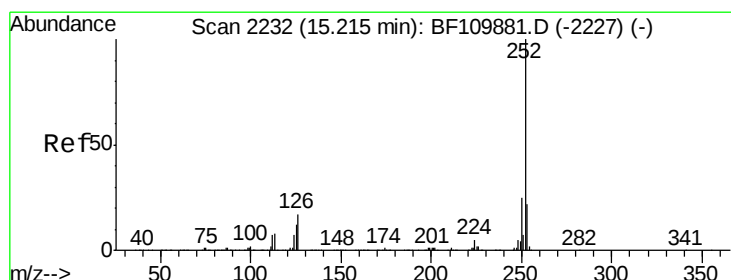
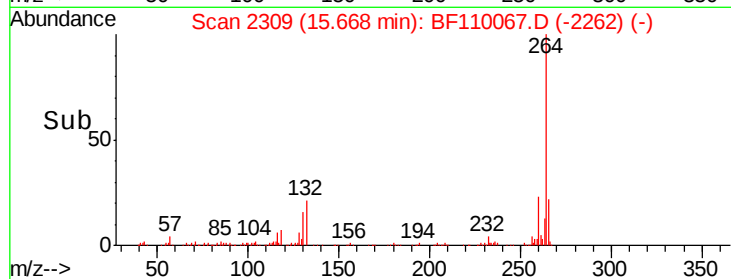
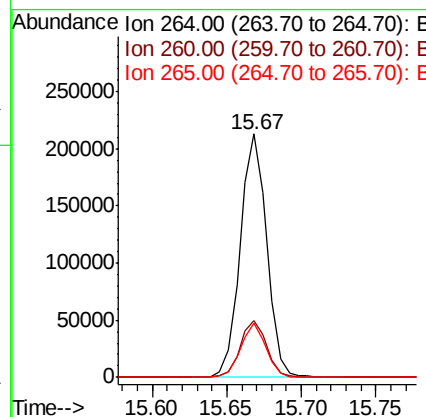
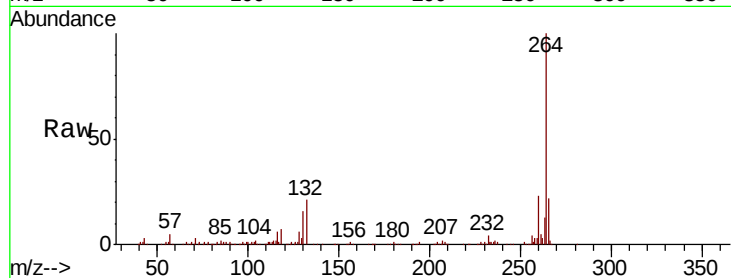


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 262943

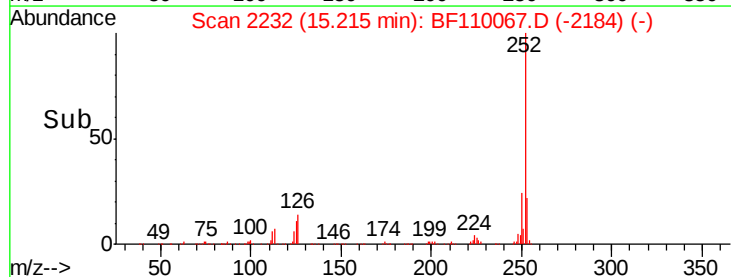
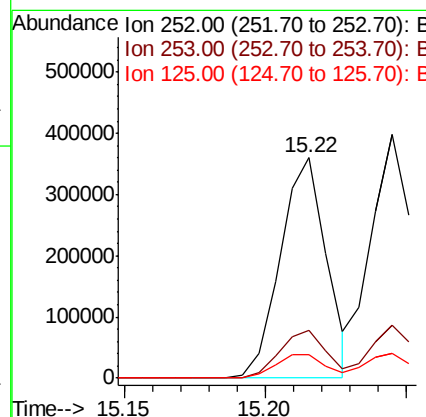
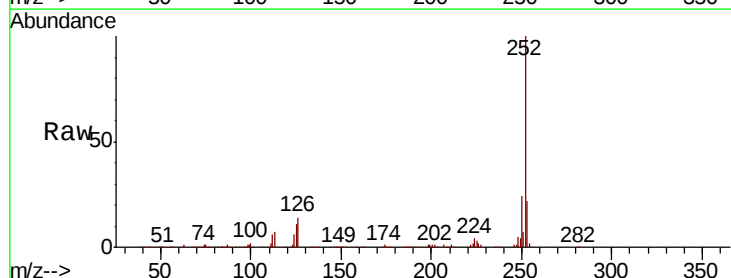
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.4	16.7	25.1

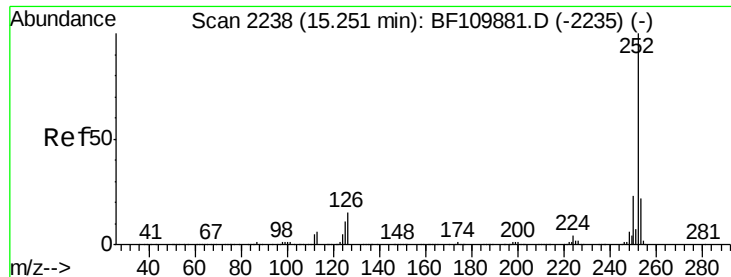


#88
Benzo(b)fluoranthene
Concen: 26.841 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:252 Resp: 406893

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.5	8.2	12.4

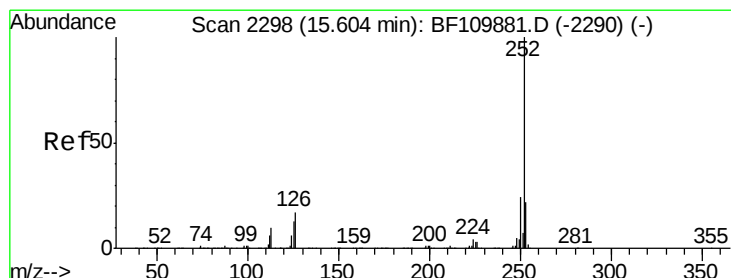
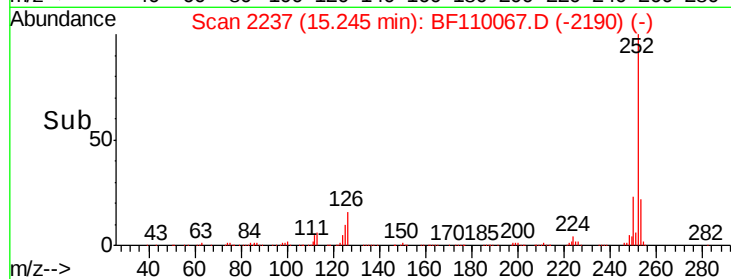
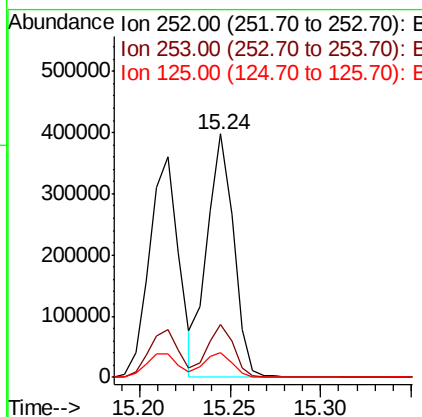
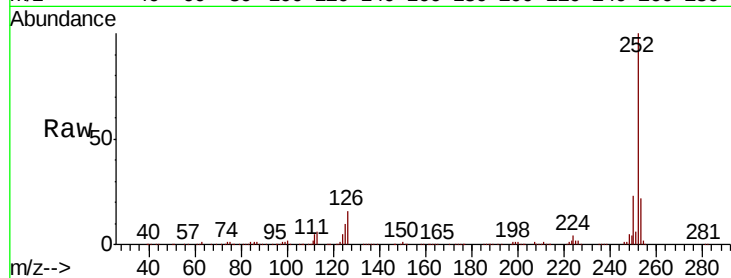




#89
Benzo(k)fluoranthene
Concen: 27.130 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

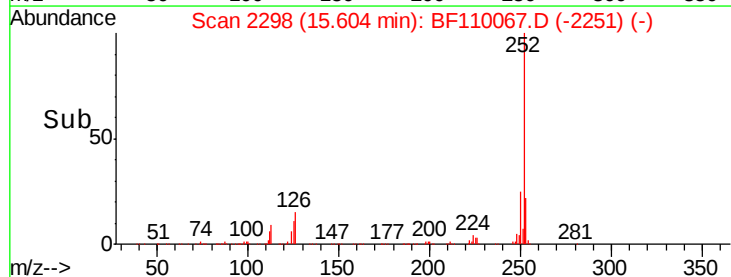
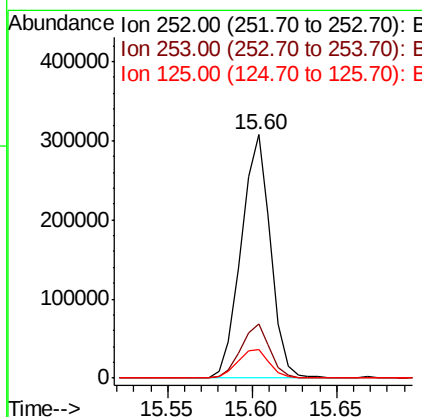
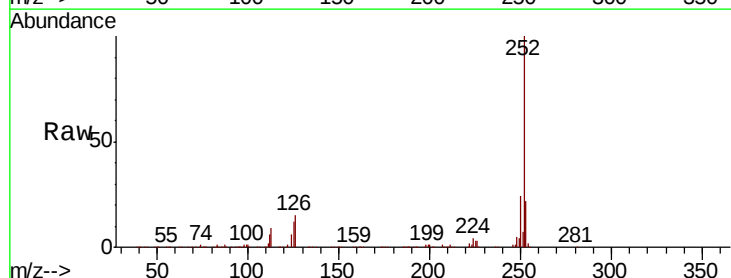
Instrument :
BNA_F
ClientSampled :

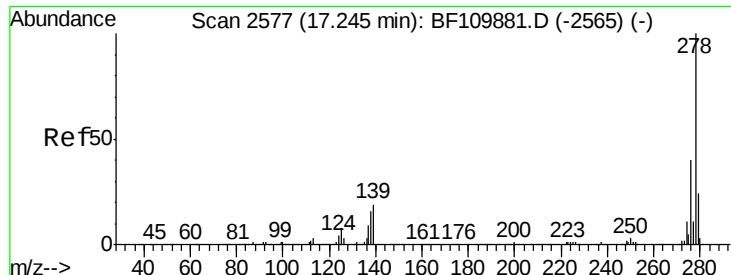
Tot Ion:252 Resp: 405374
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 26.716 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:252 Resp: 372480
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.5 9.0 13.6

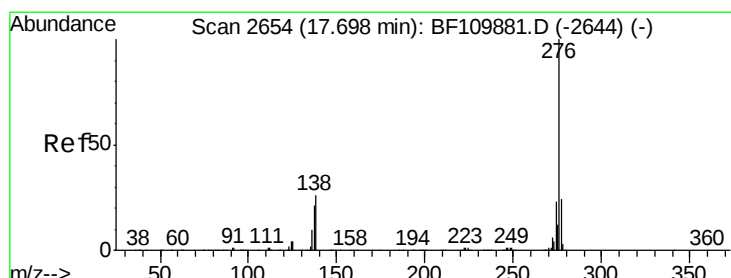
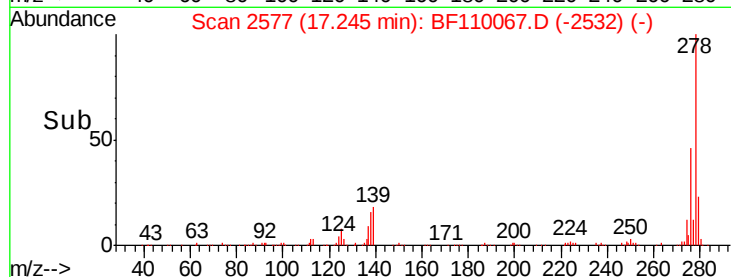
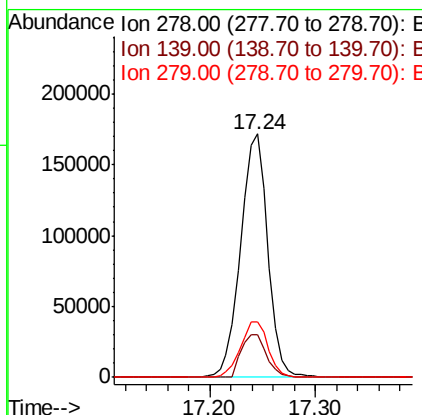
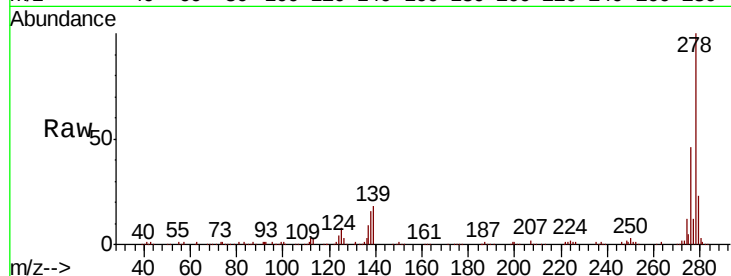




#91
Dibenzo(a,h)anthracene
Concen: 24.871 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 307303
Ion Ratio Lower Upper
278 100
139 17.7 12.7 19.1
279 22.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 23.556 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:276 Resp: 294068
Ion Ratio Lower Upper
276 100
277 21.5 18.8 28.2
138 23.6 16.0 24.0

