

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110153.D
 Acq On : 25 Oct 2018 11:21
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:24:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97481	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	434757	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	215195	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	441475	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	416444	20.00	ng	0.00
87) Perylene-d12	15.68	264	397784	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	480586	80.28	ng	-0.02
7) Phenol-d6	6.59	99	608169	79.43	ng	-0.02
23) Nitrobenzene-d5	7.53	82	565021	77.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	174958	82.08	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1086288	79.27	ng	-0.01
79) Terphenyl-d14	13.09	244	1361110	67.97	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	118154	37.673	ng	90
3) Pyridine	3.55	79	280810	40.199	ng	87
4) n-Nitrosodimethylamine	3.50	42	106891	36.524	ng	# 91
6) Aniline	6.63	93	402218	40.326	ng	# 51
8) 2-Chlorophenol	6.75	128	279569	40.509	ng	99
9) Benzaldehyde	6.52	77	179381	40.481	ng	93
10) Phenol	6.60	94	328187	40.099	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	265717	39.462	ng	93
12) 1,3-Dichlorobenzene	6.91	146	299770	39.469	ng	97
13) 1,4-Dichlorobenzene	6.99	146	304267	39.611	ng	98
14) 1,2-Dichlorobenzene	7.14	146	287423	40.308	ng	99
15) Benzyl Alcohol	7.10	79	241273	40.971	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	430895	40.023	ng	68
17) 2-Methylphenol	7.21	107	220851	40.153	ng	# 81
18) Hexachloroethane	7.48	117	112746	40.091	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	195449	39.789	ng	96
20) 3+4-Methylphenols	7.36	107	292868	41.193	ng	# 88
22) Acetophenone	7.37	105	385094	38.441	ng	# 96
24) Nitrobenzene	7.55	77	295614	39.063	ng	94
25) Isophorone	7.79	82	474769	37.998	ng	95
26) 2-Nitrophenol	7.86	139	143229	39.773	ng	97
27) 2,4-Dimethylphenol	7.89	122	226266	37.897	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	318434	37.516	ng	98
29) 2,4-Dichlorophenol	8.10	162	235661	39.069	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	258970	38.329	ng	97
31) Naphthalene	8.27	128	773933	38.624	ng	99
32) Benzoic acid	8.00	122	170629	36.977	ng	96
33) 4-Chloroaniline	8.32	127	357663	39.661	ng	97
34) Hexachlorobutadiene	8.39	225	142819	38.070	ng	97
35) Caprolactam	8.69	113	88879	42.275	ng	98
36) 4-Chloro-3-methylphenol	8.79	107	255150	39.117	ng	94
37) 2-Methylnaphthalene	8.96	142	513080	38.701	ng	99
38) 1-Methylnaphthalene	9.06	142	502750	39.242	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	256392	38.239	ng	99

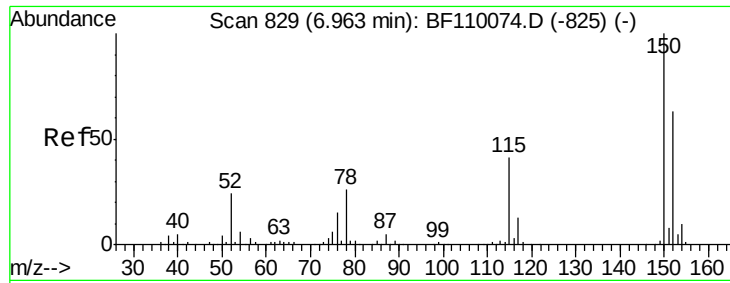
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110153.D
 Acq On : 25 Oct 2018 11:21
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 Sample : SSTDC0040
 Misc :
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Quant Time: Oct 26 02:24:45 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	126175	36.802	ng	99
43) 2,4,6-Trichlorophenol	9.24	196	167564	38.746	ng	94
44) 2,4,5-Trichlorophenol	9.28	196	176853	38.687	ng	95
46) 1,1'-Biphenyl	9.43	154	754893	38.792	ng	99
47) 2-Chloronaphthalene	9.46	162	541528	37.937	ng	100
48) 2-Nitroaniline	9.55	65	172675	39.919	ng	92
49) Acenaphthylene	9.87	152	802071	38.903	ng	99
50) Dimethylphthalate	9.73	163	626864	39.462	ng	99
51) 2,6-Dinitrotoluene	9.79	165	143754	42.012	ng	88
52) Acenaphthene	10.05	154	528586	38.754	ng	97
53) 3-Nitroaniline	9.96	138	170091	41.801	ng	93
54) 2,4-Dinitrophenol	10.07	184	48749	38.750	ng	# 84
55) Dibenzofuran	10.22	168	762120	39.909	ng	97
56) 4-Nitrophenol	10.12	139	132704	44.064	ng	84
57) 2,4-Dinitrotoluene	10.20	165	190037	43.725	ng	# 82
58) Fluorene	10.56	166	574359	40.413	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	148117	39.752	ng	94
60) Diethylphthalate	10.42	149	630533	40.662	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	299107	39.894	ng	96
62) 4-Nitroaniline	10.58	138	176716	43.665	ng	92
63) Azobenzene	10.71	77	614055	39.895	ng	98
65) 4,6-Dinitro-2-methylphenol	10.61	198	77729	38.537	ng	93
66) n-Nitrosodiphenylamine	10.67	169	546902	37.768	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	178775	37.332	ng	98
68) Hexachlorobenzene	11.11	284	190898	37.571	ng	# 94
69) Atrazine	11.19	200	184723	40.367	ng	99
70) Pentachlorophenol	11.30	266	120551	40.689	ng	96
71) Phenanthrene	11.53	178	889349	38.500	ng	99
72) Anthracene	11.58	178	910155	39.309	ng	100
73) Carbazole	11.73	167	919594	40.677	ng	100
74) Di-n-butylphthalate	12.05	149	1048266	41.056	ng	100
75) Fluoranthene	12.72	202	977350	41.689	ng	100
77) Benzidine	12.84	184	591888	64.872	ng	98
78) Pyrene	12.95	202	1010685	33.853	ng	99
80) Butylbenzylphthalate	13.56	149	482408	37.227	ng	99
81) Benzo(a)anthracene	14.14	228	933420	37.796	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	343740	39.972	ng	99
83) Chrysene	14.18	228	879874	37.511	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	658125	37.570	ng	97
85) Di-n-octyl phthalate	14.73	149	1120841	41.150	ng	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	843484	43.346	ng	96
88) Benzo(b)fluoranthene	15.23	252	855972	37.264	ng	98
89) Benzo(k)fluoranthene	15.26	252	836391	37.037	ng	98
90) Benzo(a)pyrene	15.62	252	811780	38.406	ng	99
91) Dibenzo(a,h)anthracene	17.26	278	702712	38.530	ng	98
92) Benzo(g,h,i)perylene	17.73	276	677862	37.718	ng	96

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

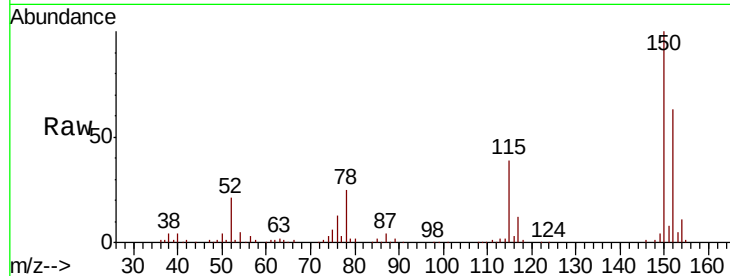


#1

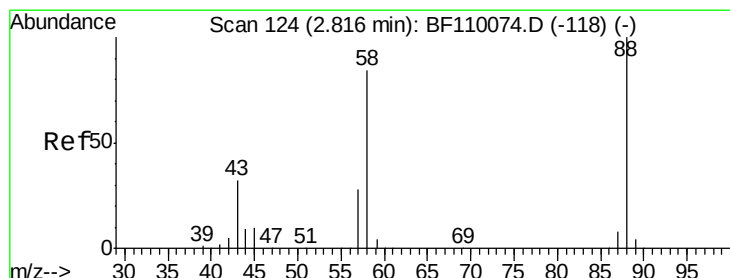
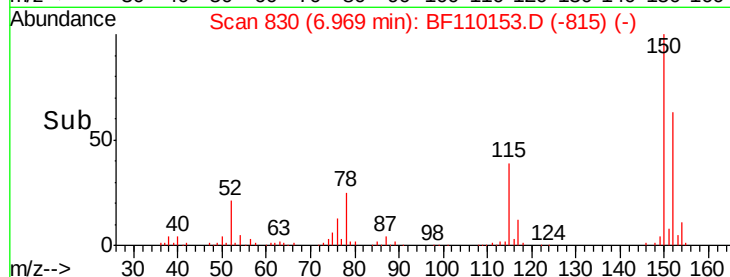
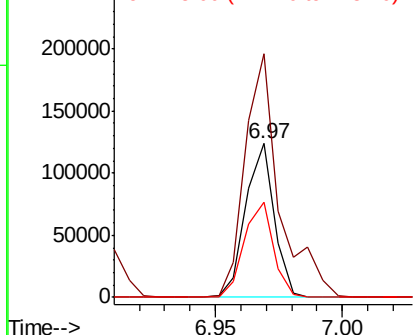
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97481
Ion Ratio Lower Upper
152 100
150 158.2 122.7 184.1
115 61.6 49.1 73.7



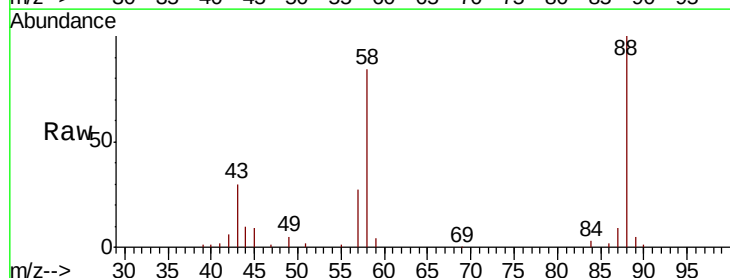
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



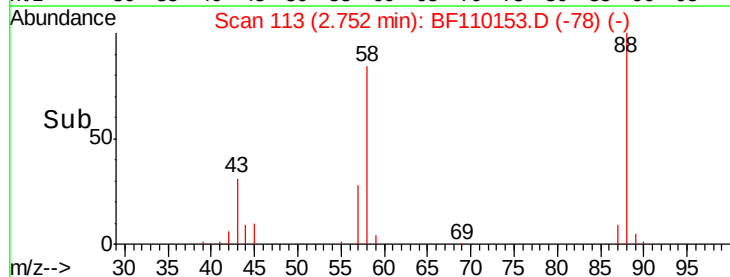
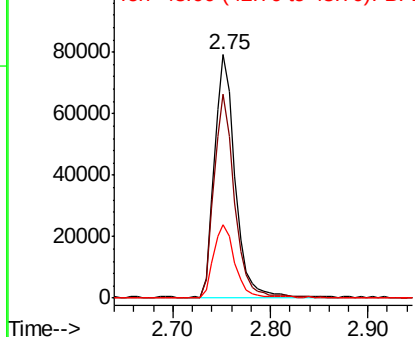
#2

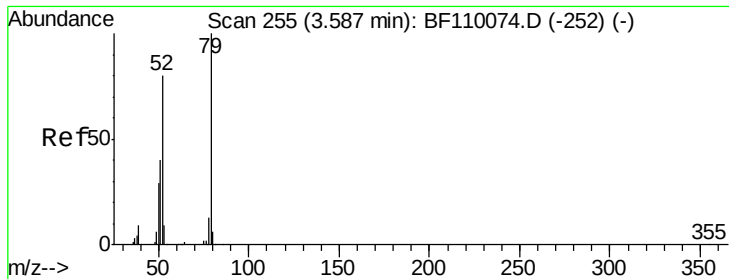
1,4-Dioxane
Concen: 37.673 ng
RT: 2.75 min Scan# 113
Delta R.T. -0.09 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion: 88 Resp: 118154
Ion Ratio Lower Upper
88 100
58 82.1 57.1 85.7
43 31.3 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: 40.199 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.07 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

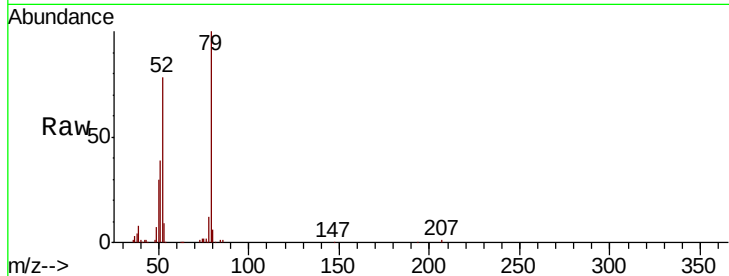
Tot Ion: 79 Resp: 280810

Ion Ratio Lower Upper

79 100

52 78.2 53.1 79.7

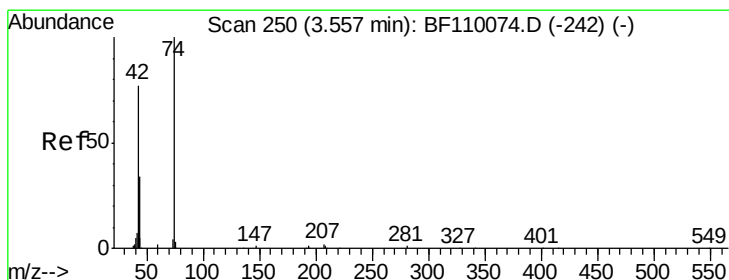
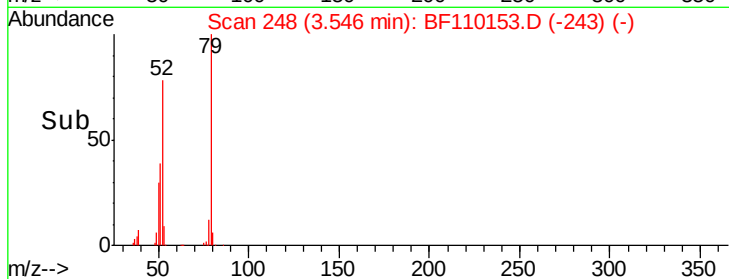
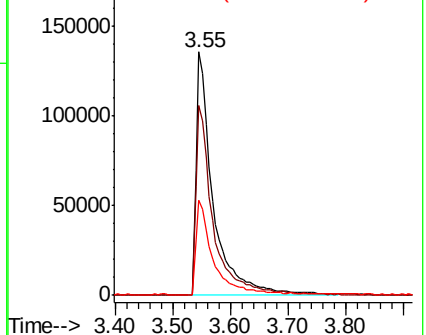
51 39.1 27.4 41.2



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: 36.524 ng

RT: 3.50 min Scan# 241

Delta R.T. -0.08 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

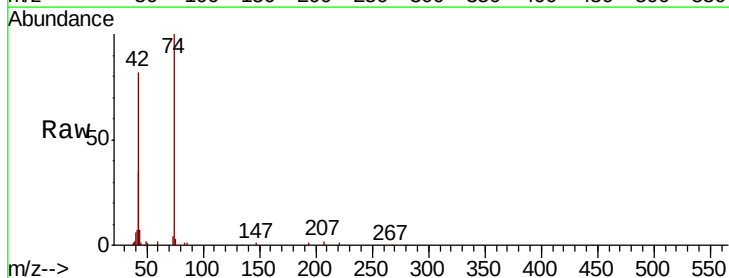
Tgt Ion: 42 Resp: 106891

Ion Ratio Lower Upper

42 100

74 121.4 105.5 158.3

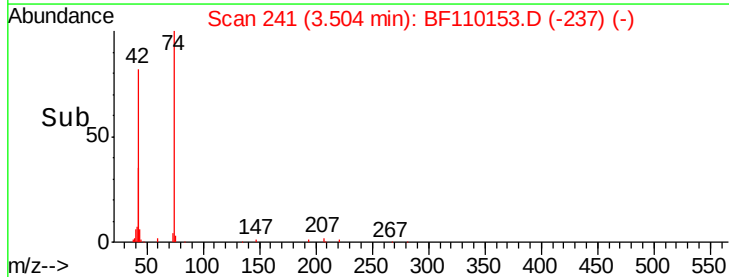
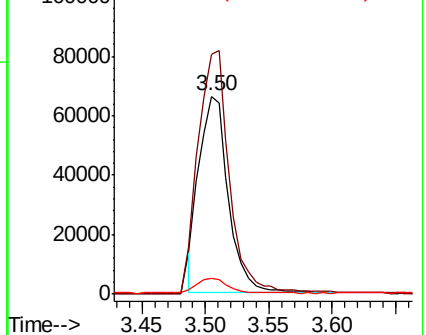
44 8.3 4.9 7.3#

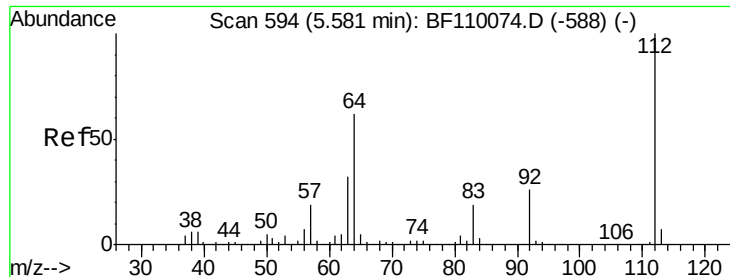


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.283 ng

RT: 5.57 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

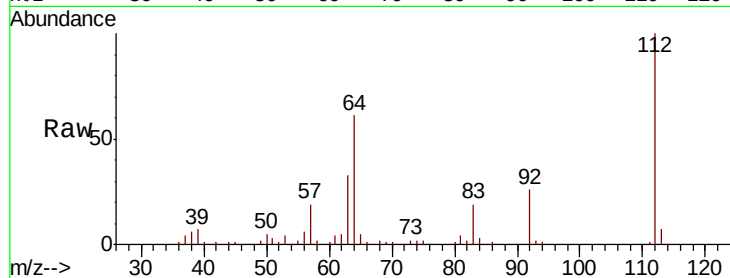
Tot Ion:112 Resp: 480586

Ion Ratio Lower Upper

112 100

64 61.3 44.1 66.1

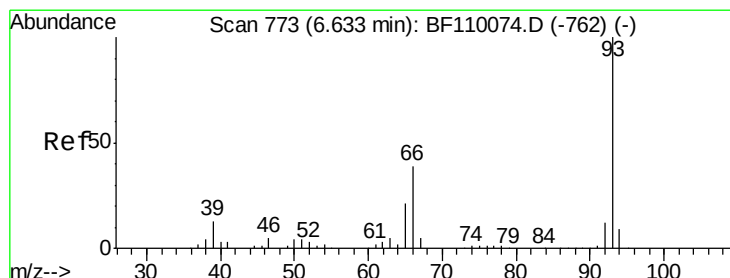
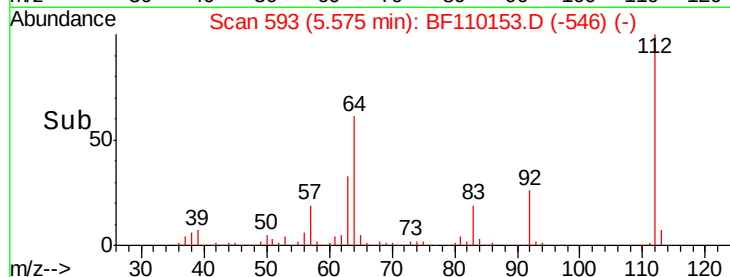
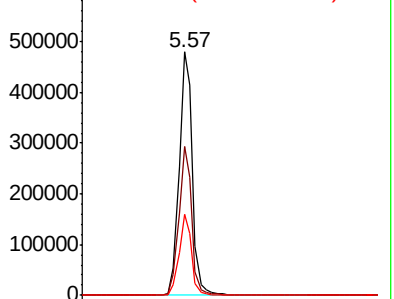
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.326 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

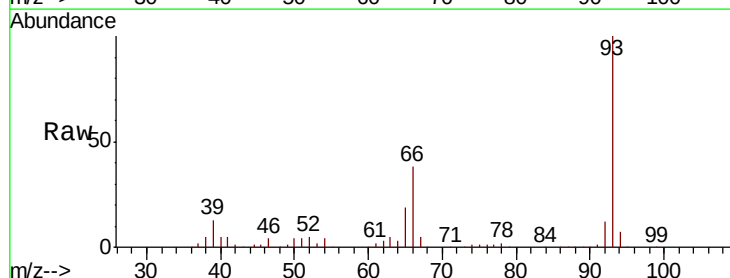
Tgt Ion: 93 Resp: 402218

Ion Ratio Lower Upper

93 100

66 38.5 67.4 101.0#

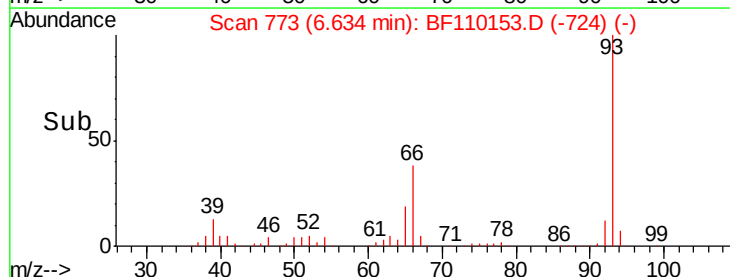
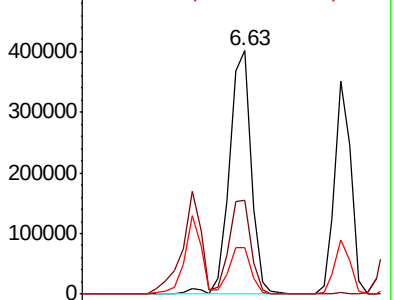
65 19.3 41.0 61.4#

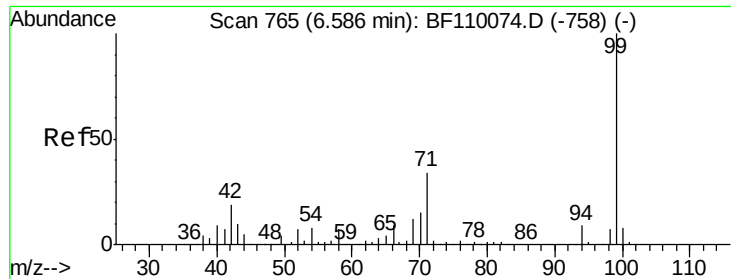


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.430 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

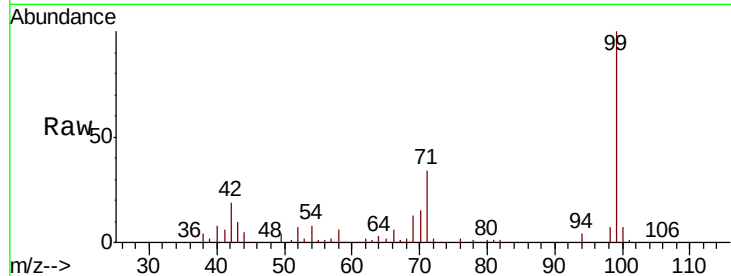
Tot Ion: 99 Resp: 608169

Ion Ratio Lower Upper

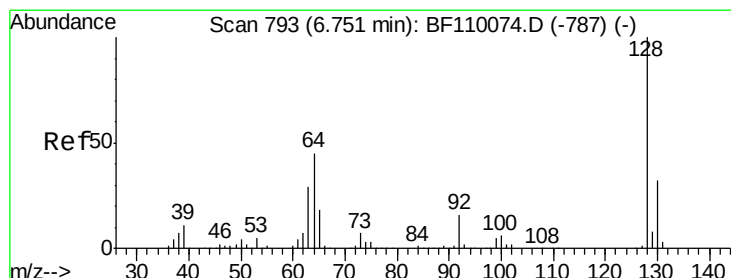
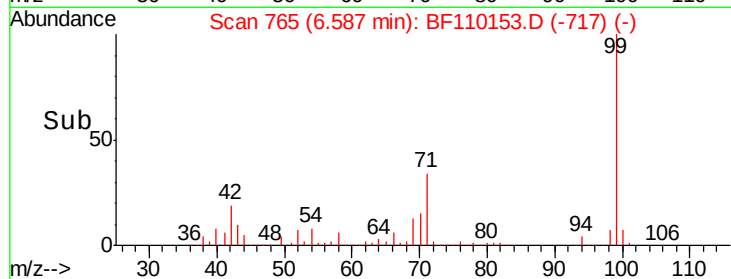
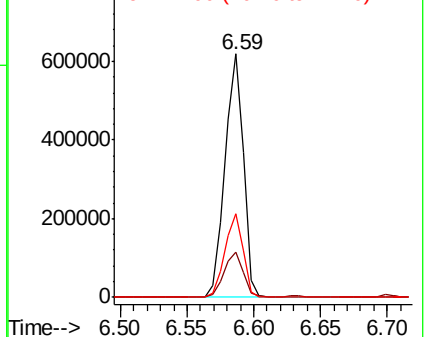
99 100

42 18.8 15.8 23.6

71 34.2 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: 40.509 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

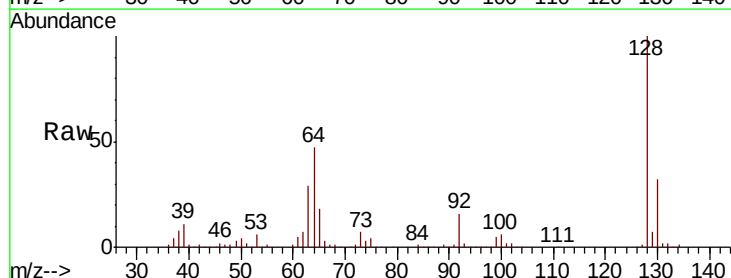
Tgt Ion: 128 Resp: 279569

Ion Ratio Lower Upper

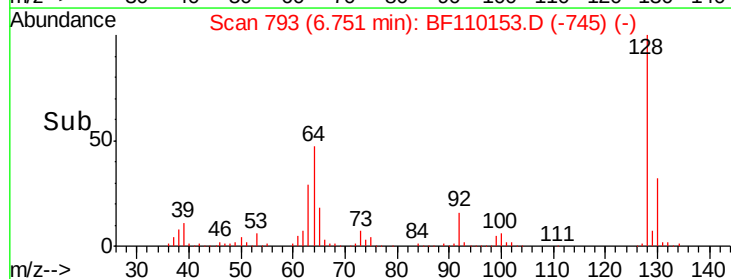
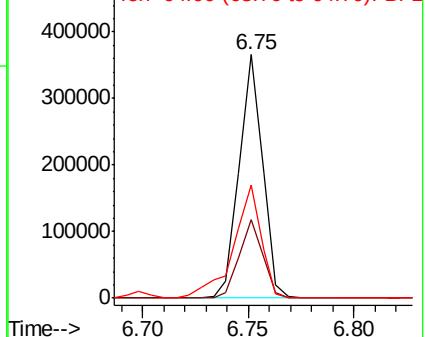
128 100

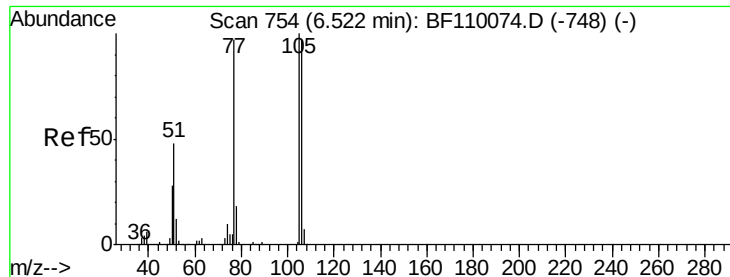
130 32.2 13.1 53.1

64 46.5 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.481 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

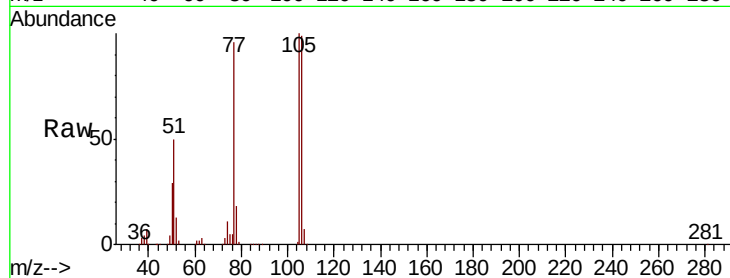
Tot Ion: 77 Resp: 179381

Ion Ratio Lower Upper

77 100

105 104.5 78.6 118.6

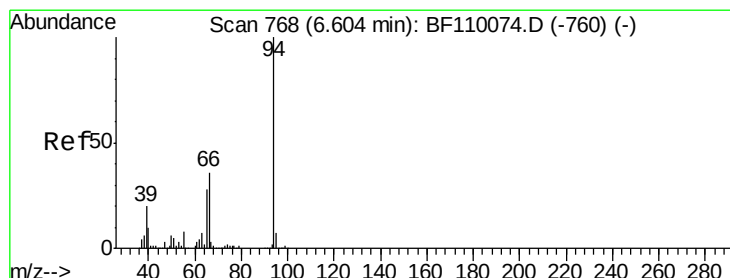
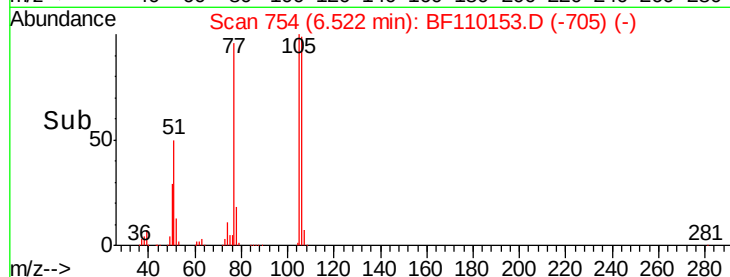
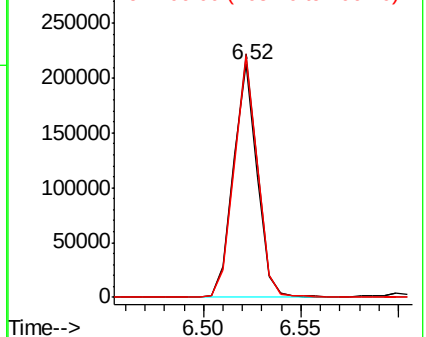
106 103.6 74.8 114.8



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: 40.099 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

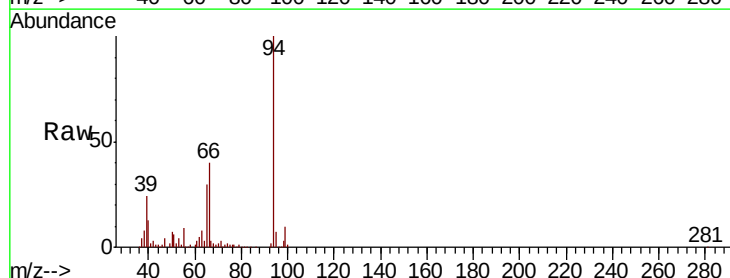
Tgt Ion: 94 Resp: 328187

Ion Ratio Lower Upper

94 100

65 30.2 25.3 65.3

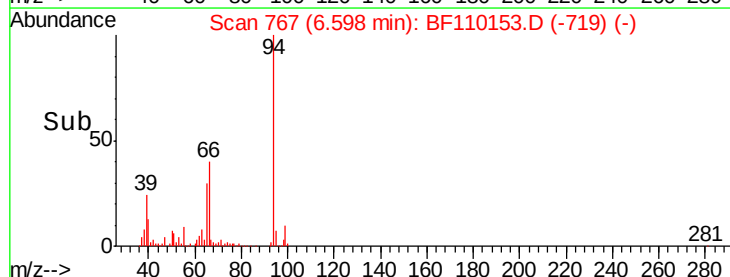
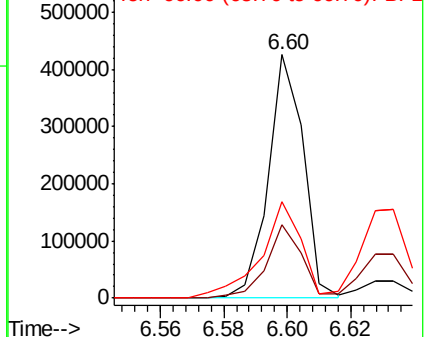
66 39.6 54.5 94.5#

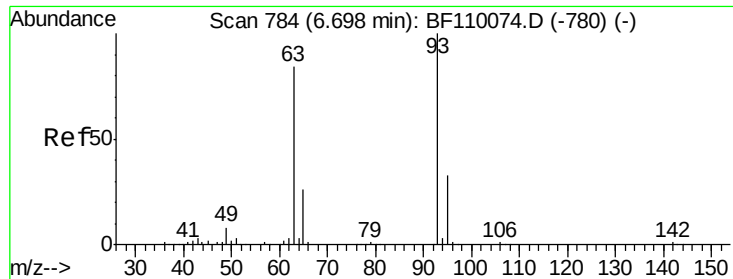


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.462 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

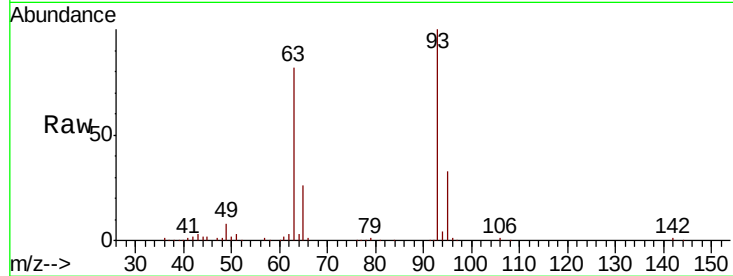
Tot Ion: 93 Resp: 265717

Ion Ratio Lower Upper

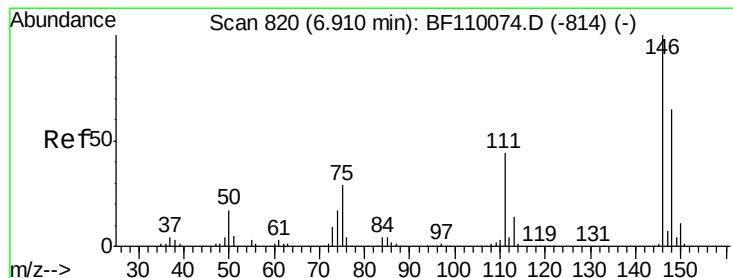
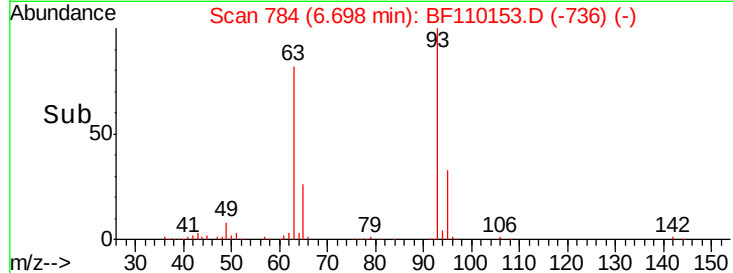
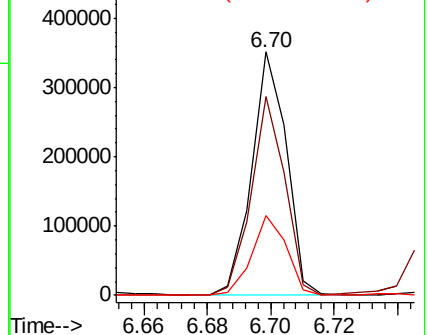
93 100

63 81.9 53.4 93.4

95 32.9 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 39.469 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

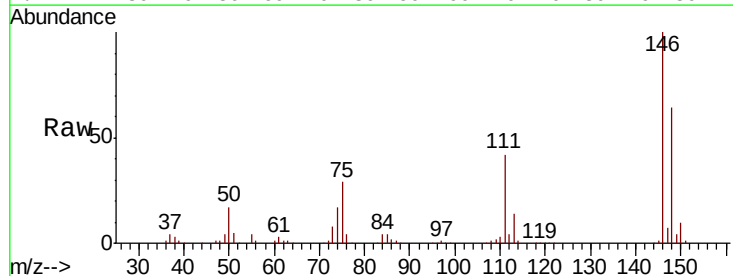
Tgt Ion: 146 Resp: 299770

Ion Ratio Lower Upper

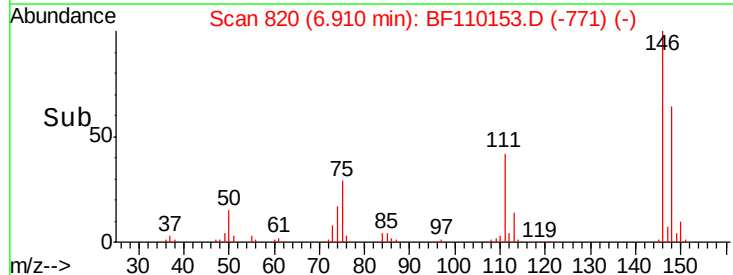
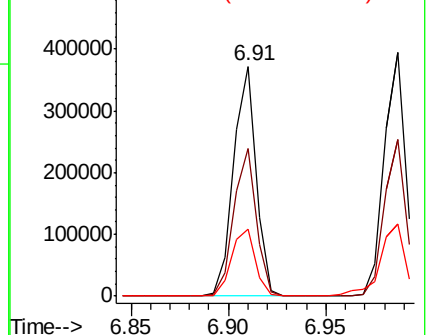
146 100

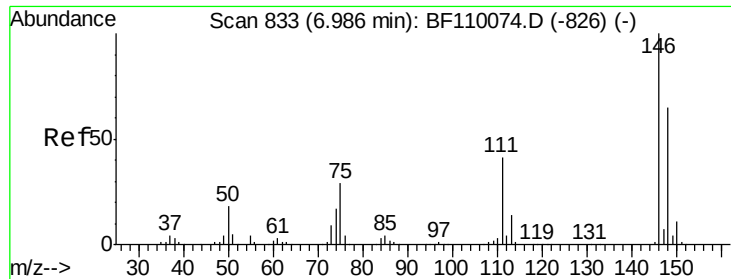
148 64.0 50.4 75.6

75 29.3 25.8 38.6



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

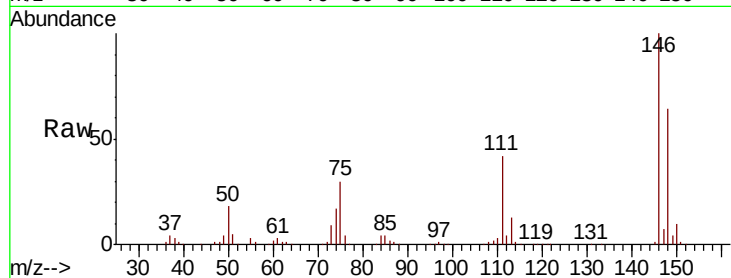




#13
 1,4-Dichlorobenzene
 Concen: 39.611 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	41.6	32.7	49.1

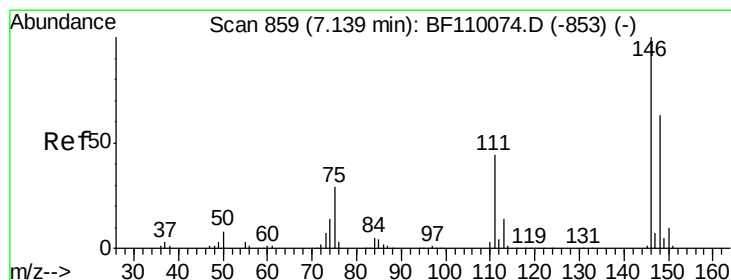
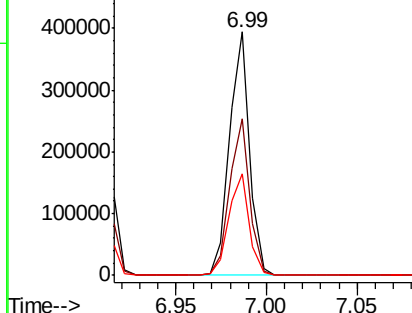
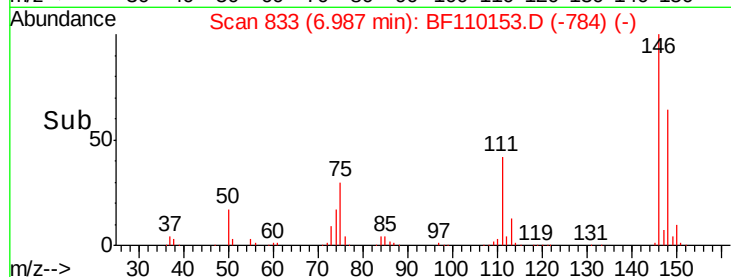


Abundance

Ion 146.00 (145.70 to 146.70): E

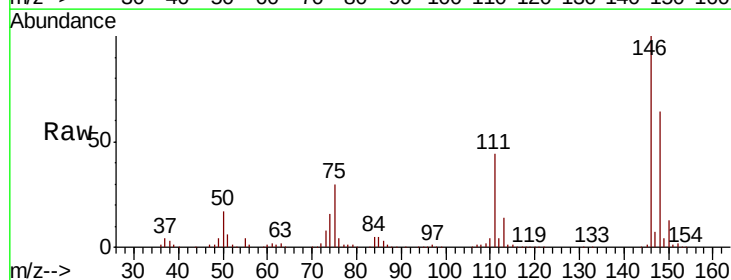
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.308 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	44.0	35.8	53.6

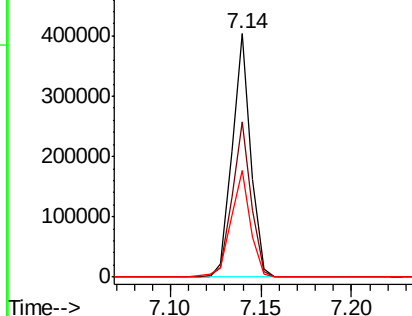
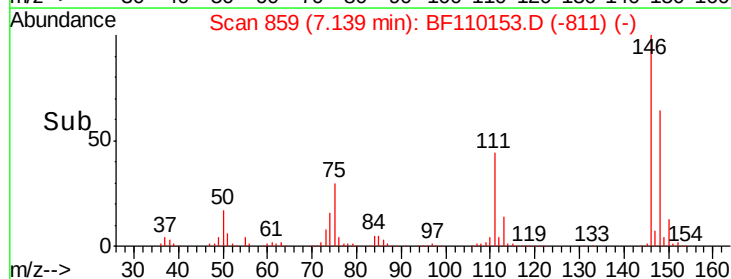


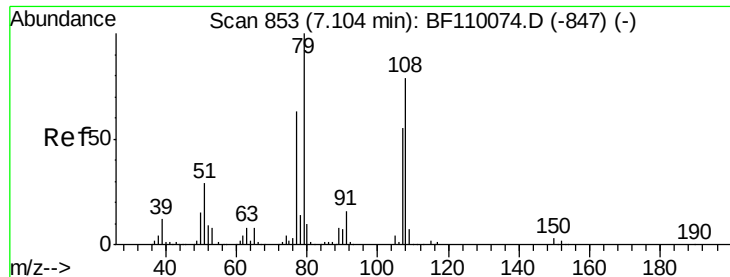
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.971 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

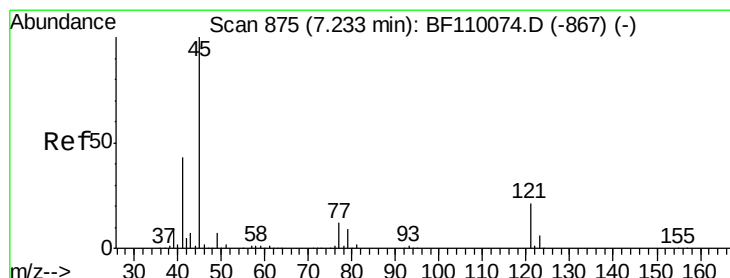
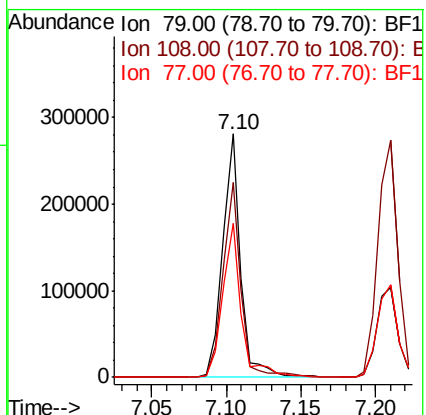
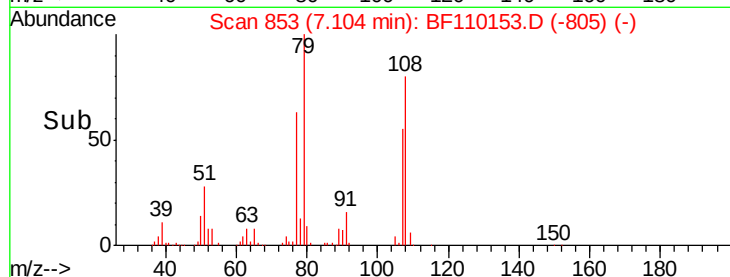
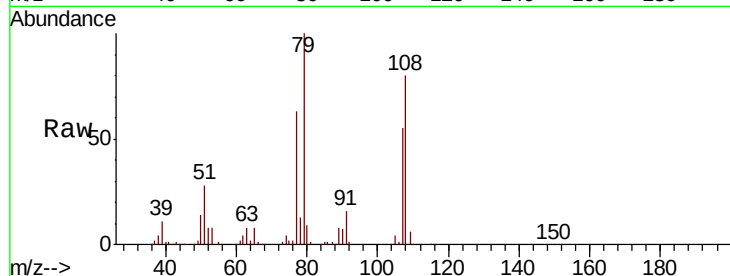
Tot Ion: 79 Resp: 241273

Ion Ratio Lower Upper

79 100

108 79.9 56.3 84.5

77 63.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.023 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

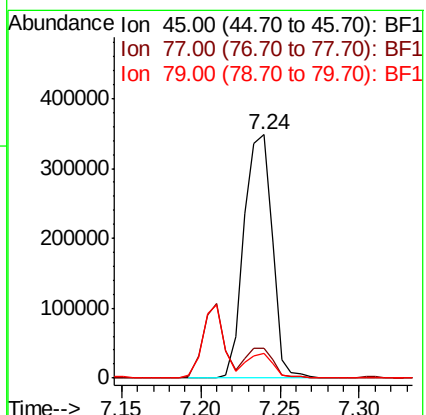
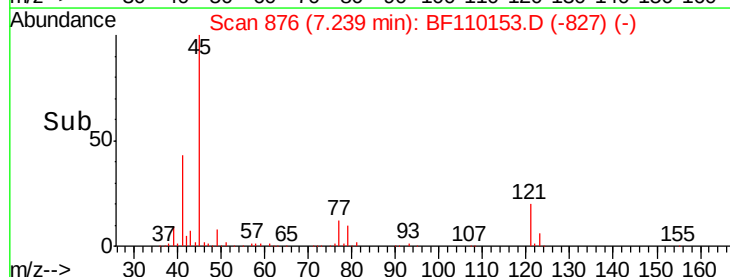
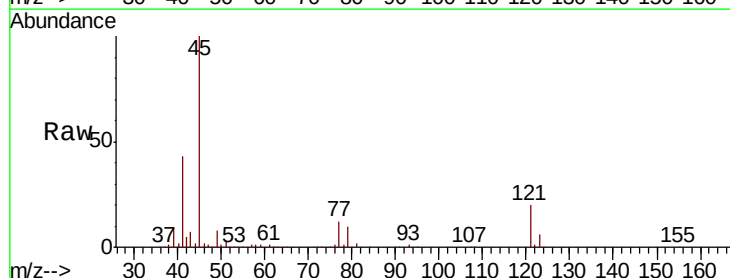
Tgt Ion: 45 Resp: 430895

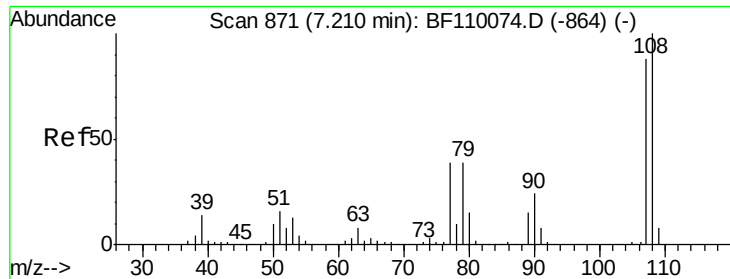
Ion Ratio Lower Upper

45 100

77 12.2 10.0 50.0

79 10.1 6.1 46.1

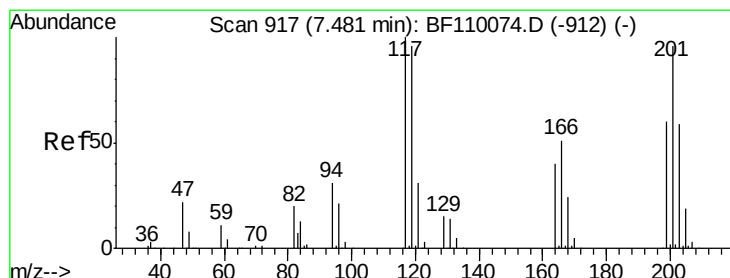
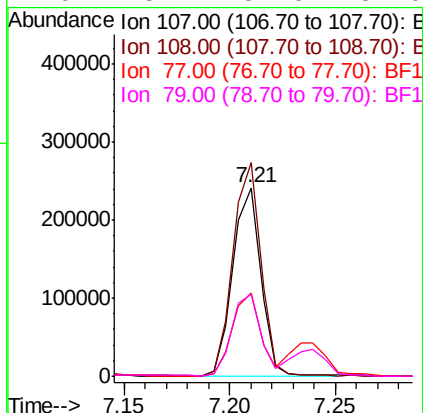
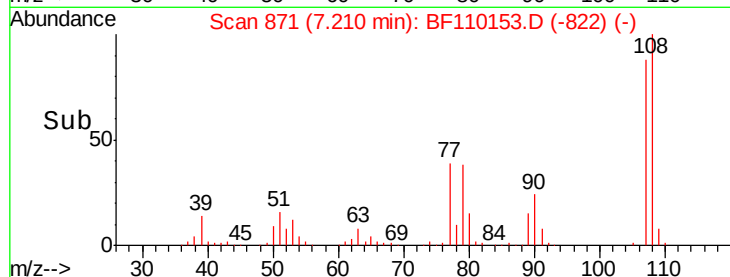
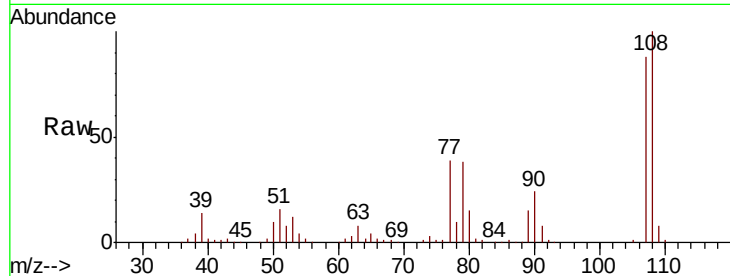




#17
2-Methylphenol
Concen: 40.153 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

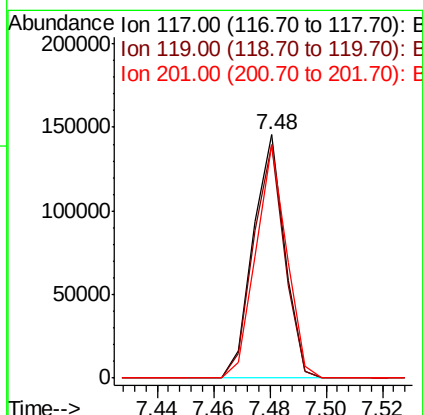
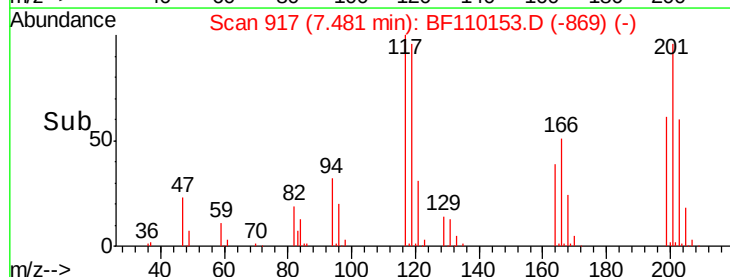
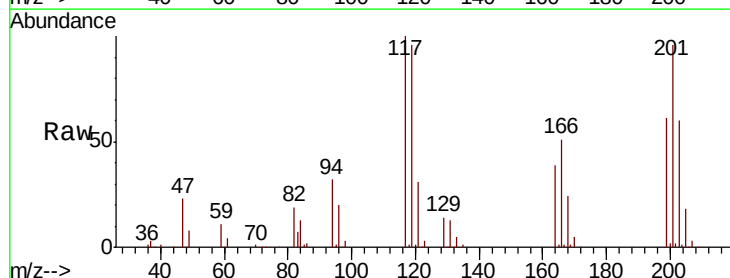
Instrument :
BNA_F
ClientSampleId :

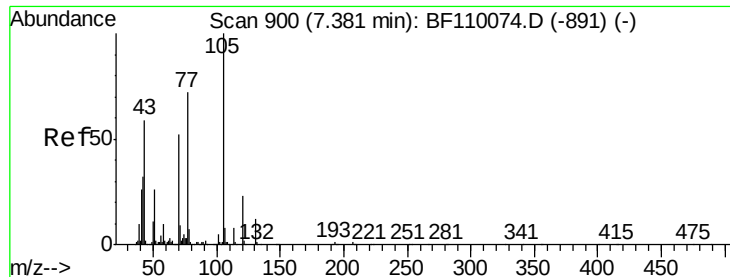
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.6	138.8
77	44.1	59.4	89.2
79	43.4	54.0	81.0



#18
Hexachloroethane
Concen: 40.091 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
201	95.8	79.2	118.8

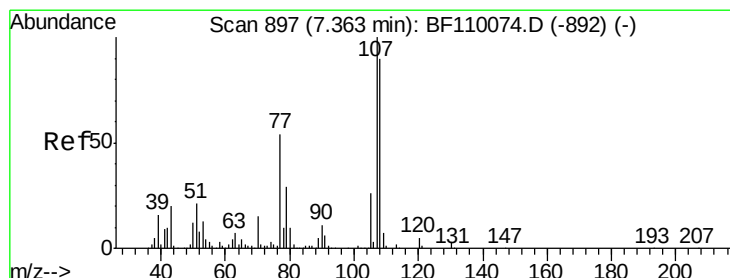
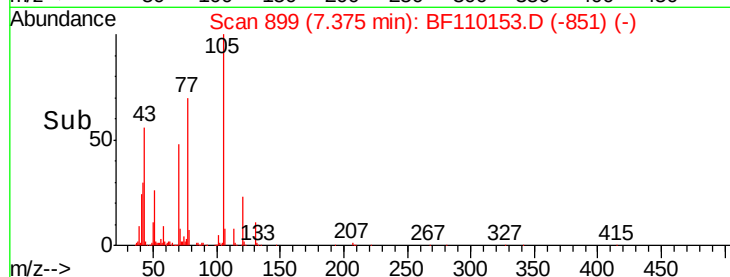
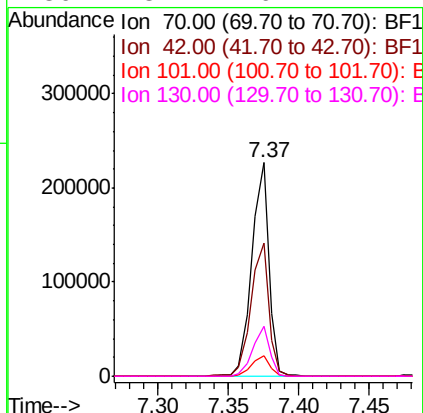
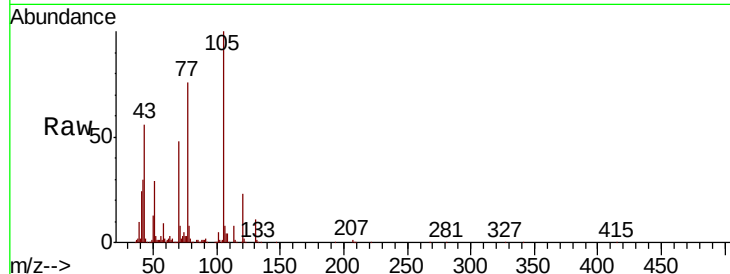




#19
n-Nitroso-di-n-propylamine
Concen: 39.789 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

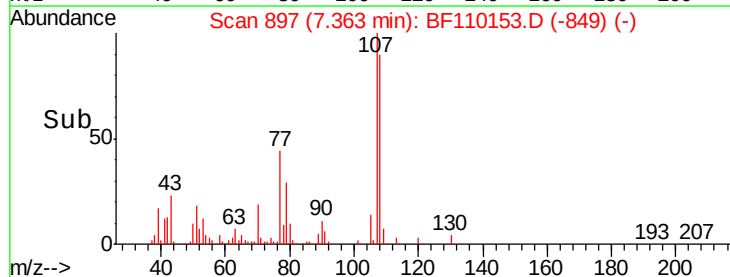
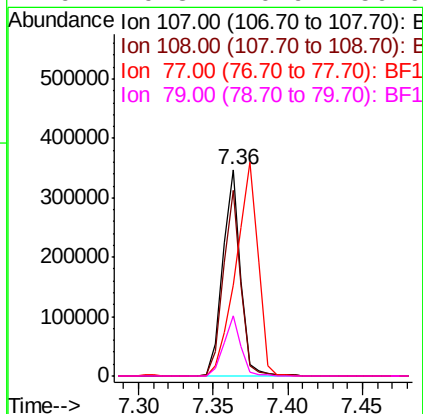
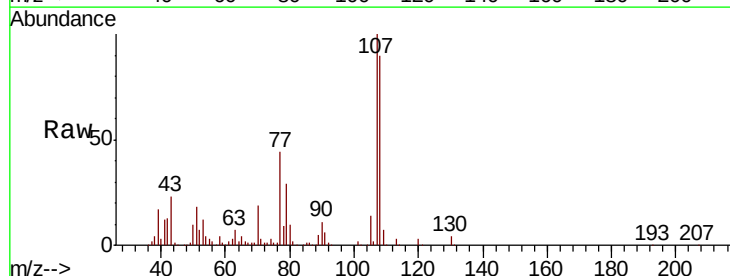
Instrument :
BNA_F
ClientSampleId :

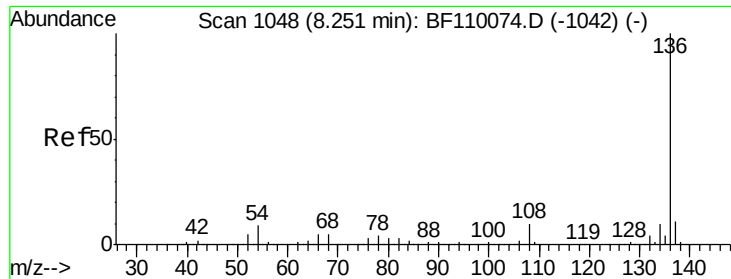
Tot Ion:	70	Resp:	195449
Ion	Ratio	Lower	Upper
70	100		
42	62.4	47.4	71.2
101	9.8	7.3	10.9
130	23.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 41.193 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:	107	Resp:	292868
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	43.8	47.3	87.3#
79	29.3	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110153.D

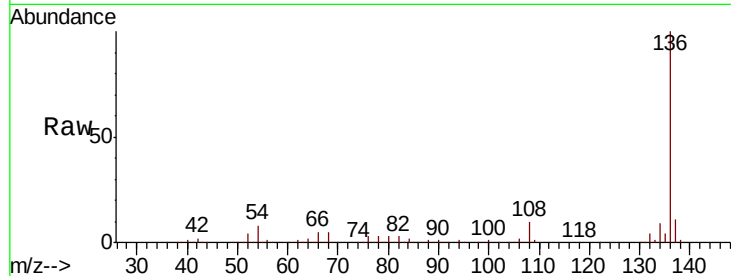
Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	434757
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.6	5.4 8.2
68	5.0	4.2 6.2



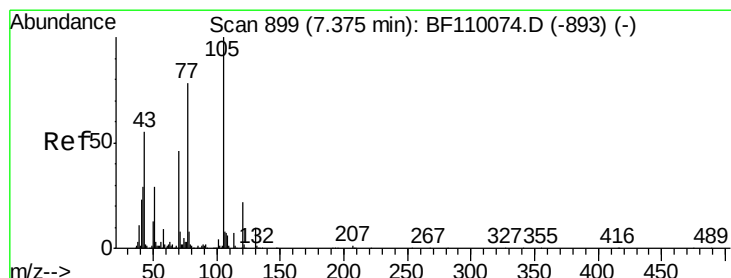
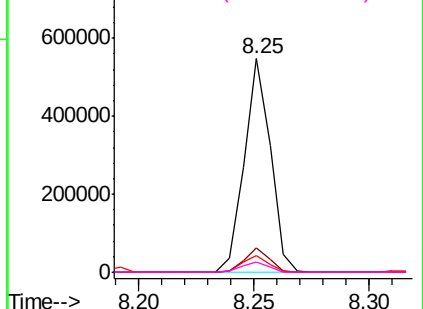
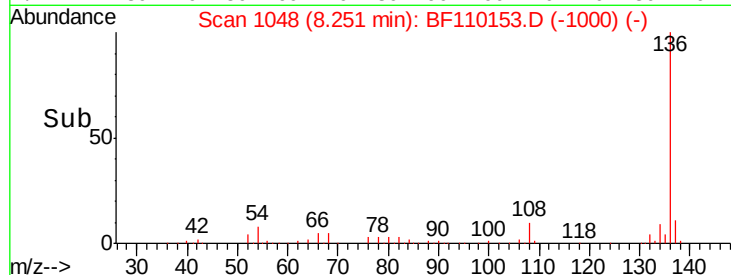
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.441 ng

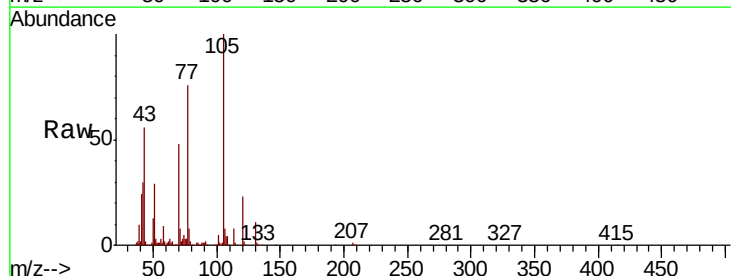
RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Tgt Ion:105	Resp:	385094
Ion Ratio	Lower	Upper
105	100	
71	7.9	5.2 7.8#
51	29.4	21.8 32.8
120	22.7	17.0 25.4



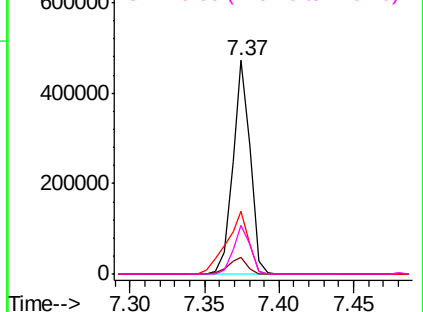
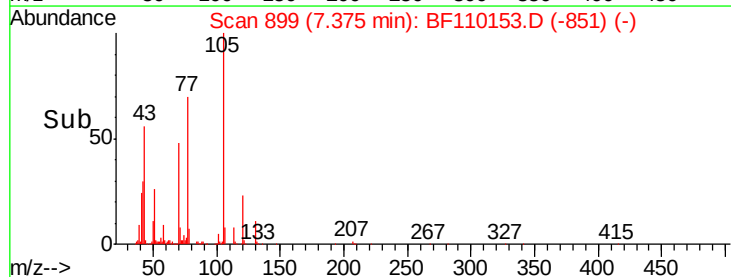
Abundance

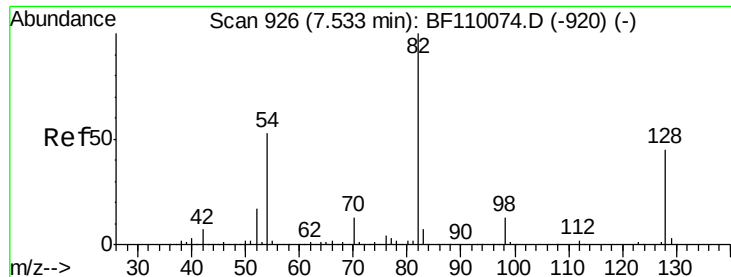
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

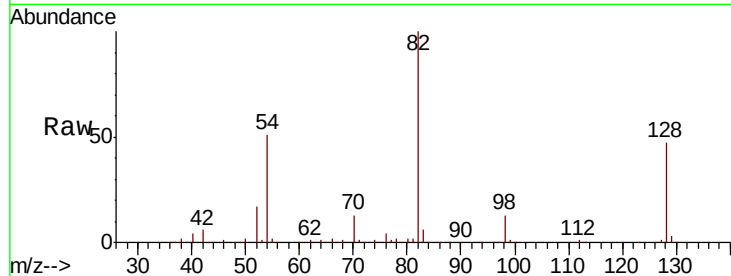




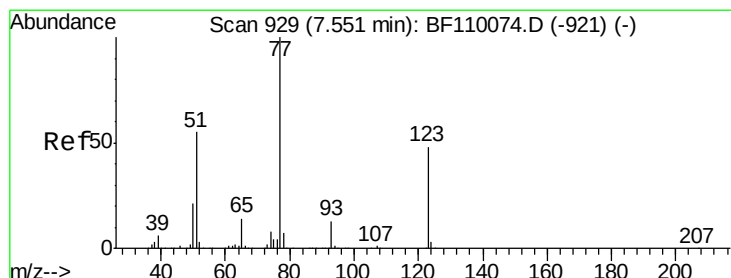
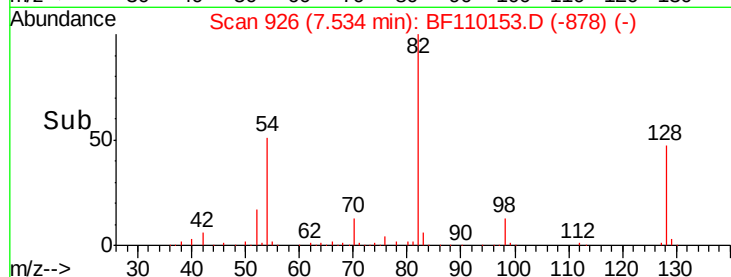
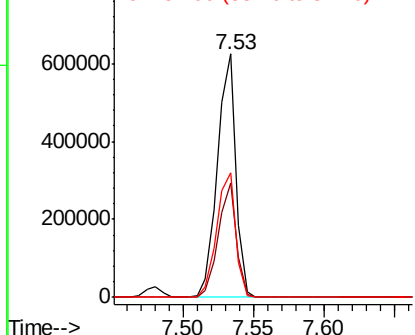
#23
 Nitrobenzene-d5
 Concen: 77.085 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 565021
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.2 51.2
 54 51.3 38.6 58.0

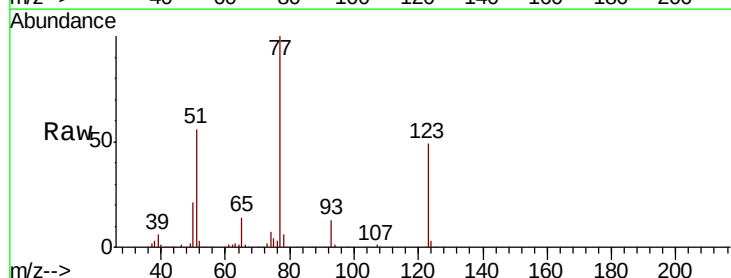


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

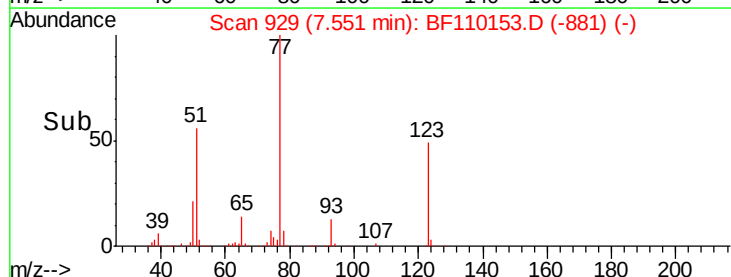
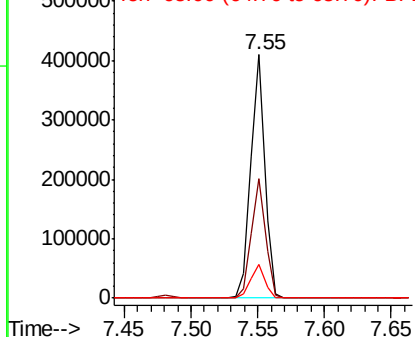


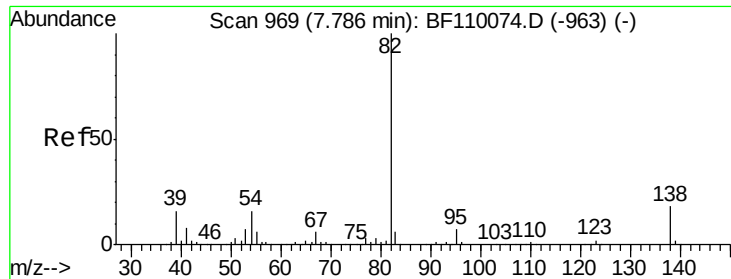
#24
 Nitrobenzene
 Concen: 39.063 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion: 77 Resp: 295614
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.7 53.5
 65 14.1 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

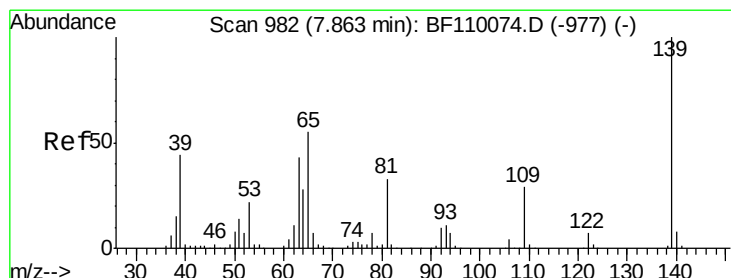
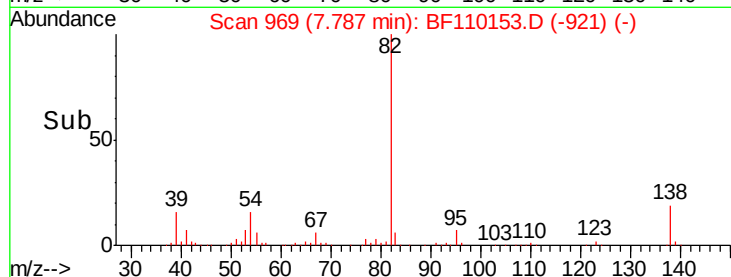
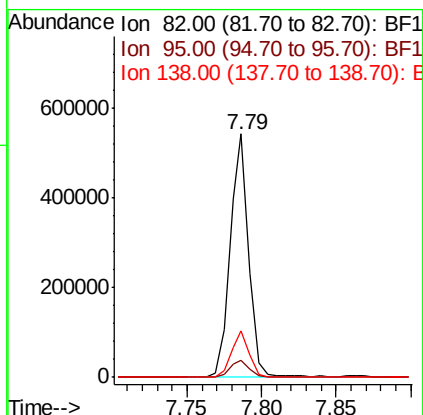
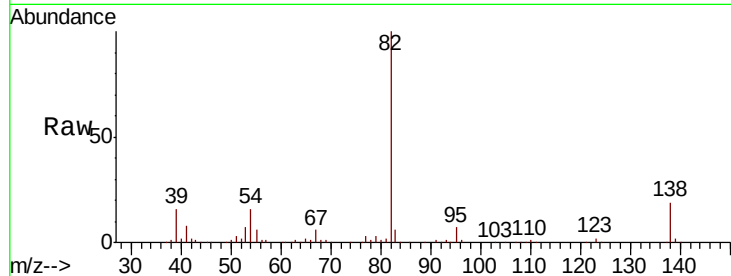




#25
Isophorone
Concen: 37.998 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

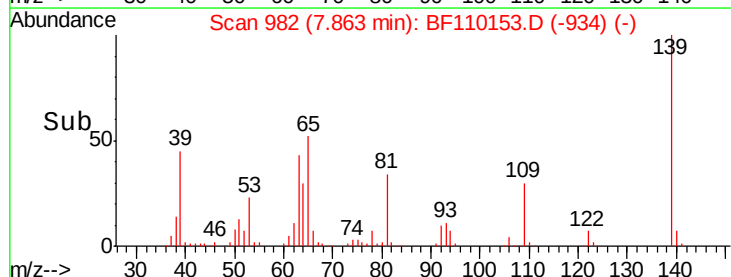
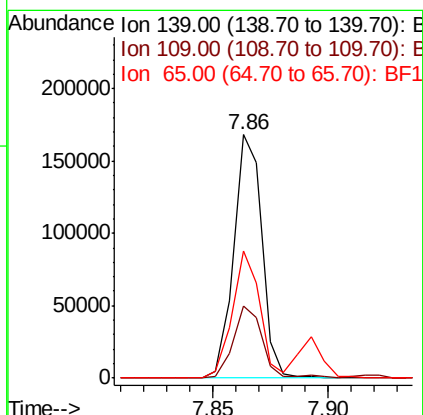
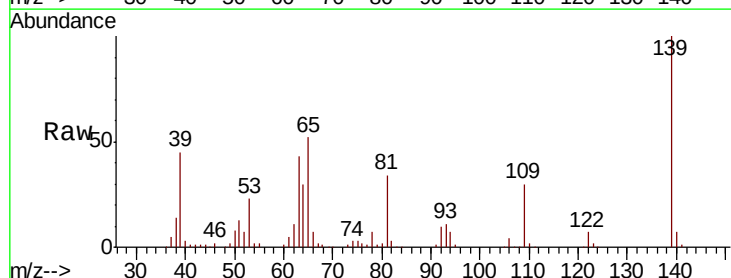
Instrument :
BNA_F
ClientSampleId :

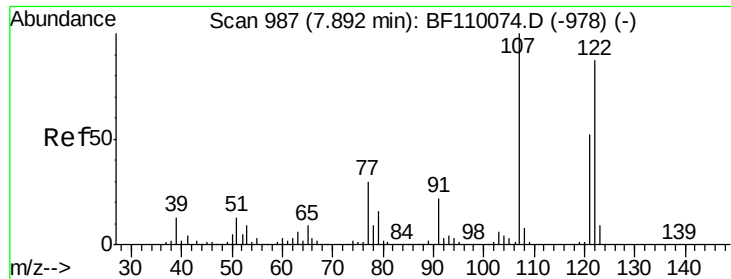
Tot Ion: 82 Resp: 474769
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.3 13.2 19.8



#26
2-Nitrophenol
Concen: 39.773 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion: 139 Resp: 143229
Ion Ratio Lower Upper
139 100
109 29.6 25.0 37.6
65 52.4 44.0 66.0

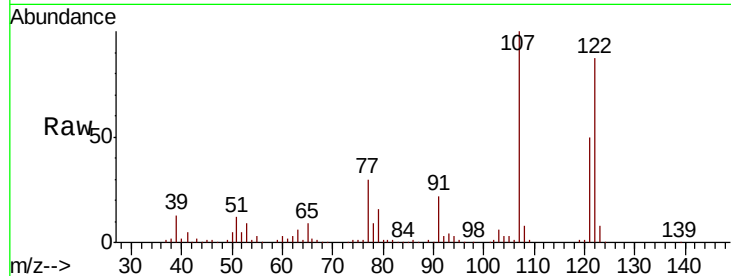




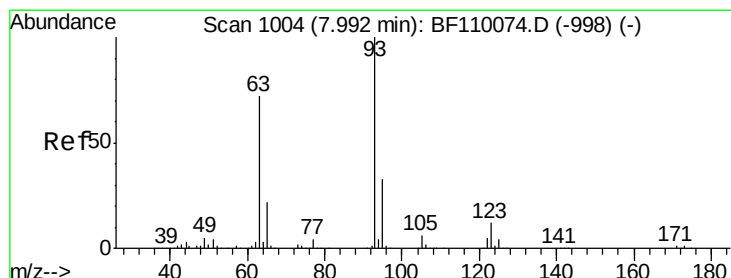
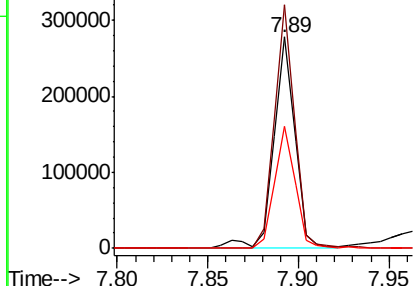
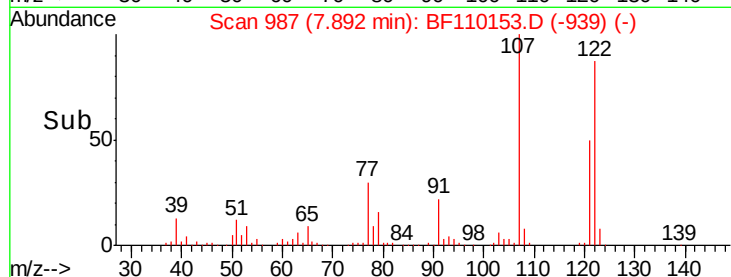
#27
 2,4-Dimethylphenol
 Concen: 37.897 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 226266
 Ion Ratio Lower Upper
 122 100
 107 115.4 92.5 138.7
 121 57.7 45.8 68.8

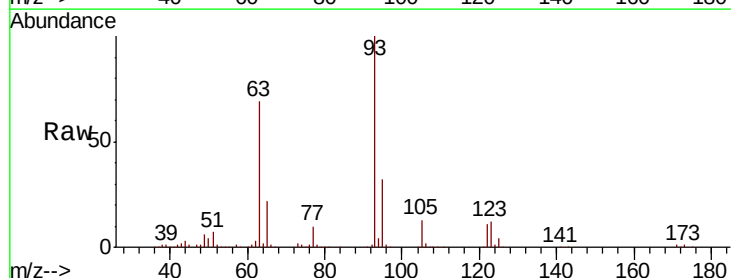


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

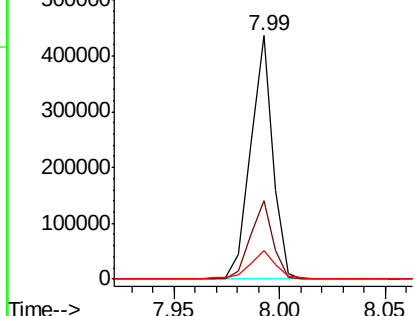
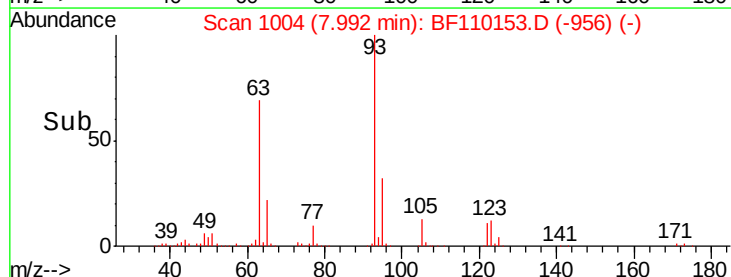


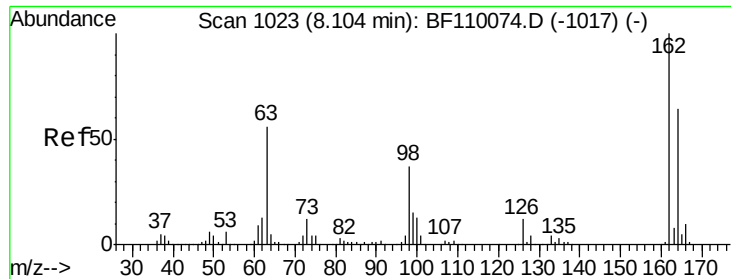
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.516 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion: 93 Resp: 318434
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.4 39.6
 123 11.9 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

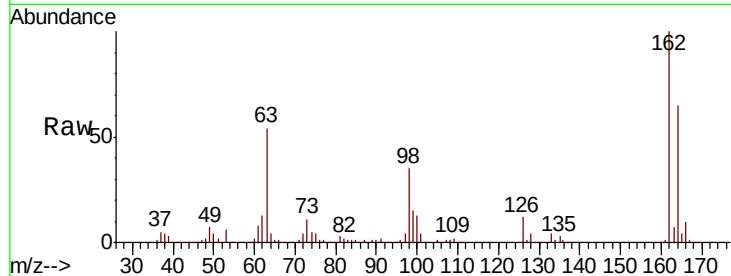




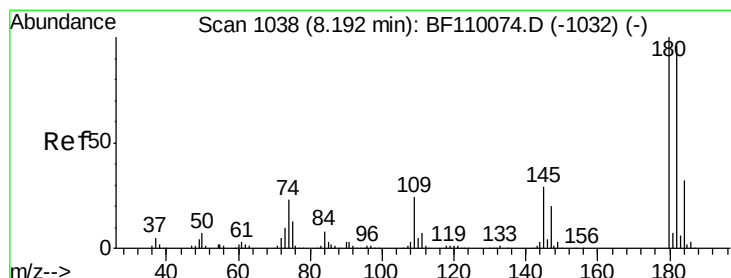
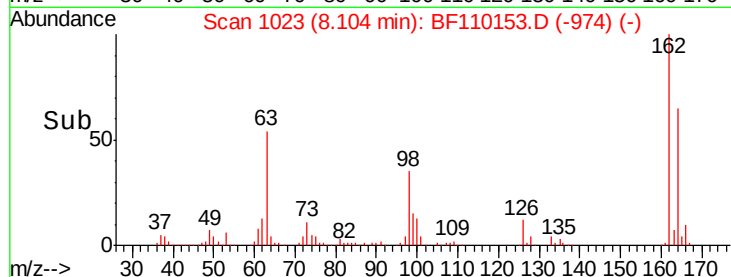
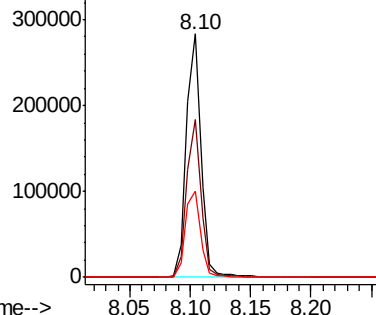
#29
2,4-Dichlorophenol
Concen: 39.069 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	35.4	17.4	57.4

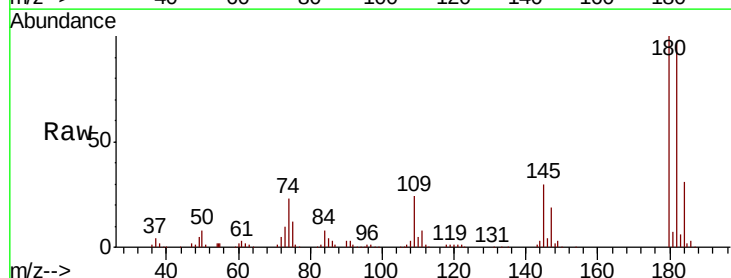


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

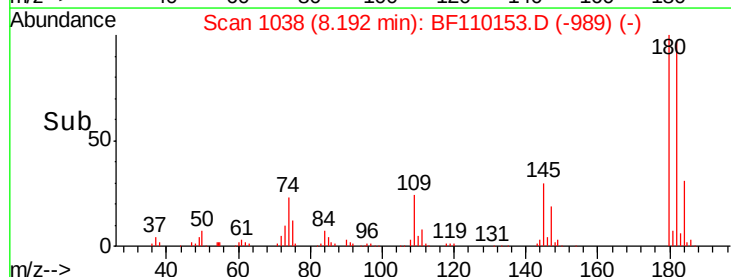
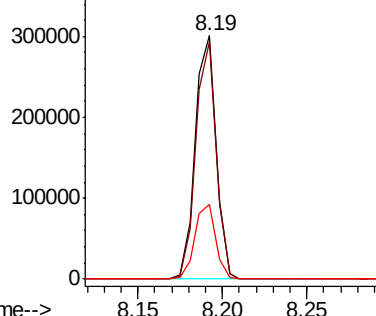


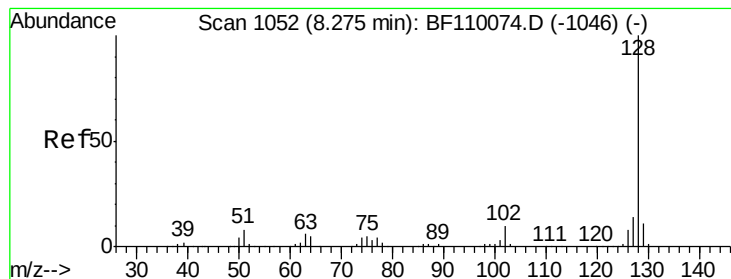
#30
1,2,4-Trichlorobenzene
Concen: 38.329 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	80.3	120.5
145	30.5	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: 38.624 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

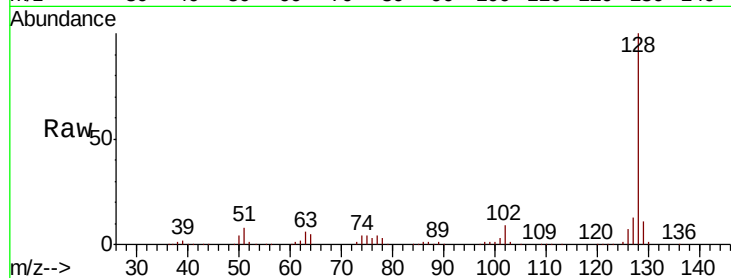
Tot Ion:128 Resp: 773933

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

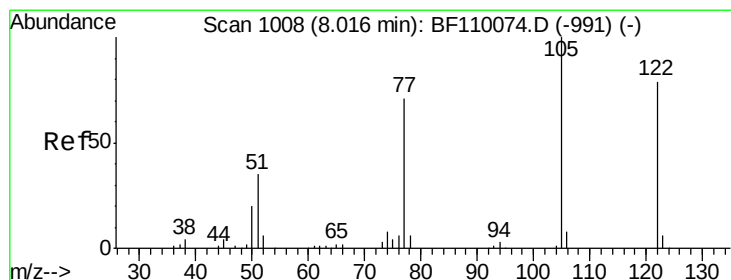
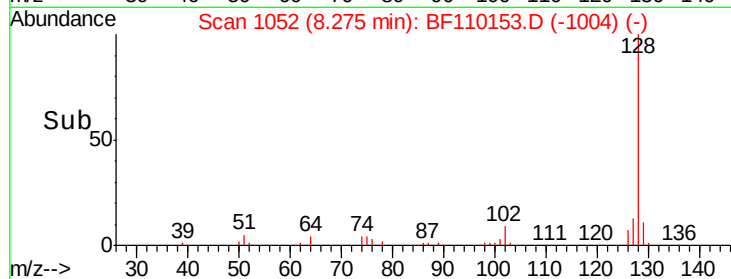
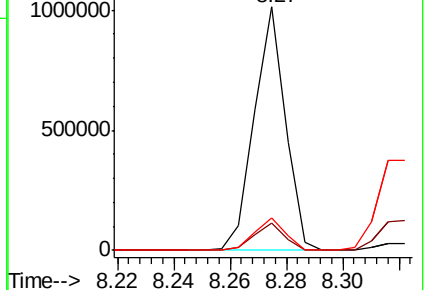
127 13.1 10.8 16.2



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: 36.977 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

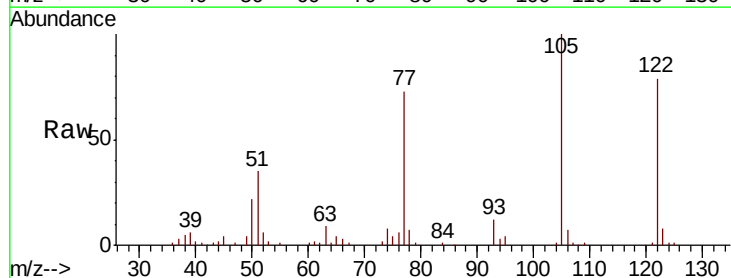
Tgt Ion:122 Resp: 170629

Ion Ratio Lower Upper

122 100

105 126.7 109.0 149.0

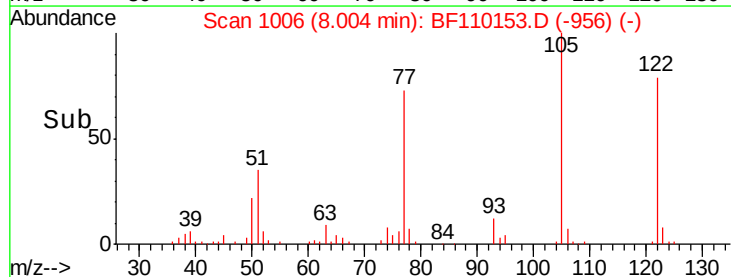
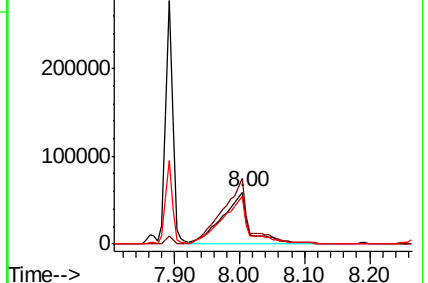
77 92.6 79.0 119.0

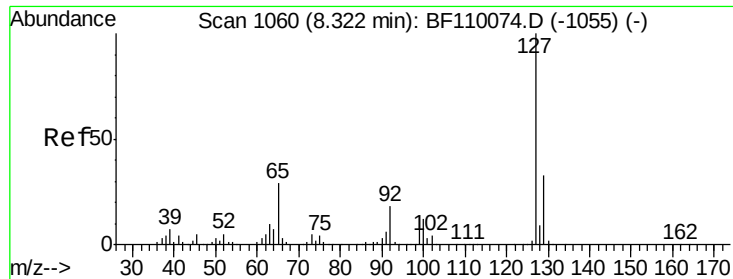


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

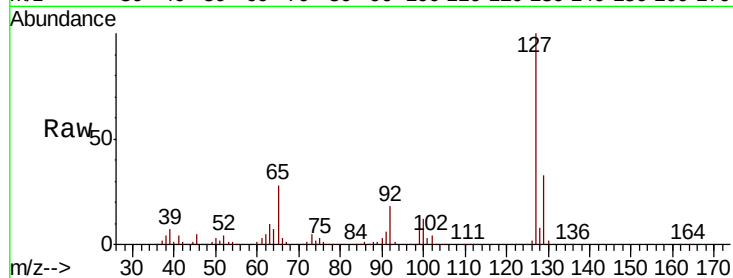




#33
4-Chloroaniline
Concen: 39.661 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	357663
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	27.9	25.1	37.7
92	18.1	15.0	22.6



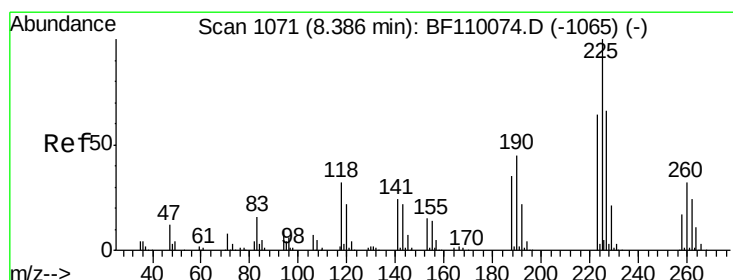
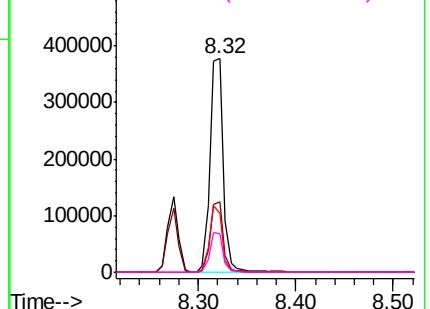
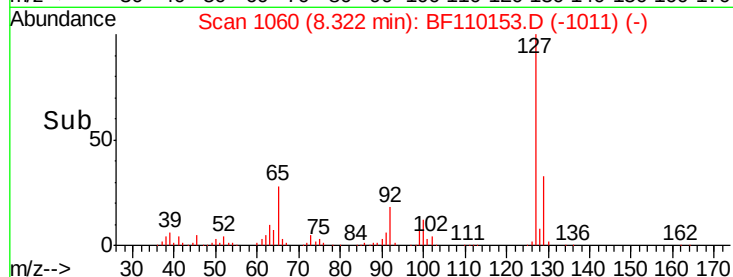
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

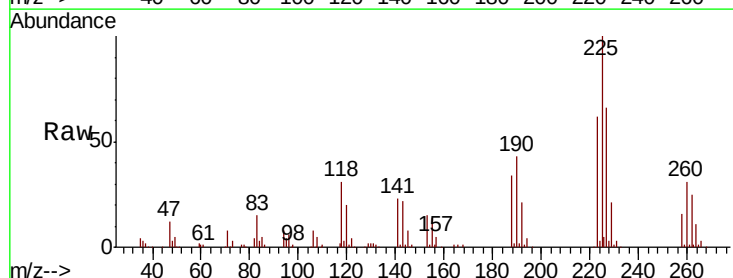
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.070 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:	225	Resp:	142819
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.4	77.2
227	65.8	51.0	76.6

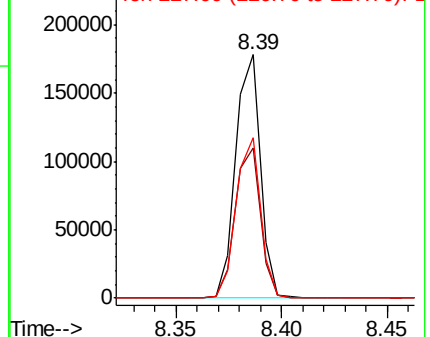
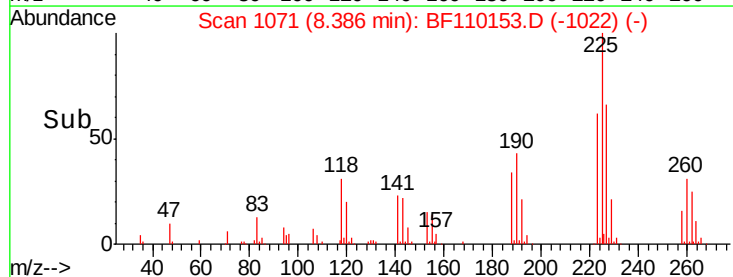


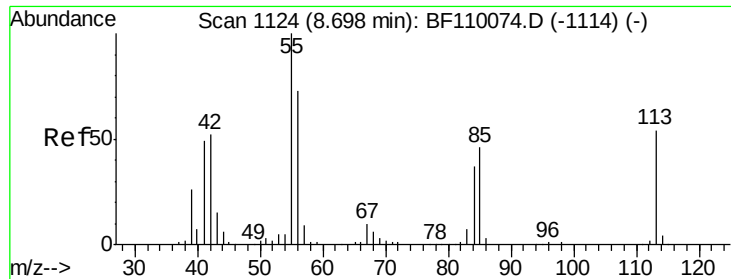
Abundance

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

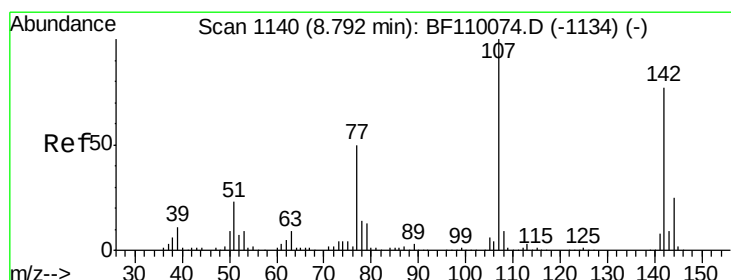
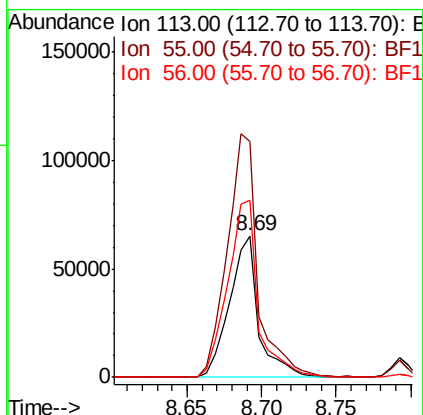
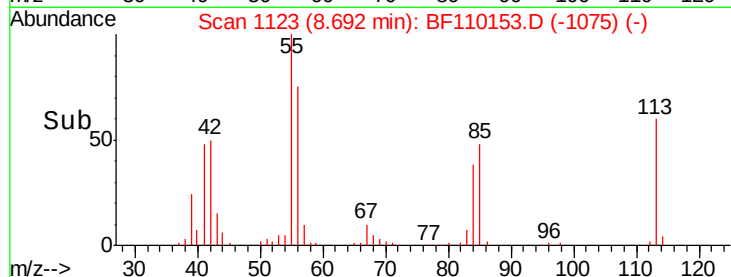
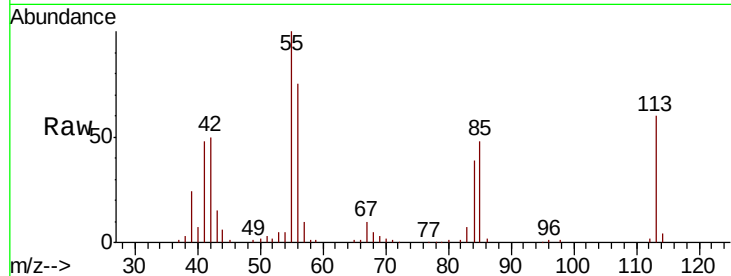




#35
 Caprolactam
 Concen: 42.275 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

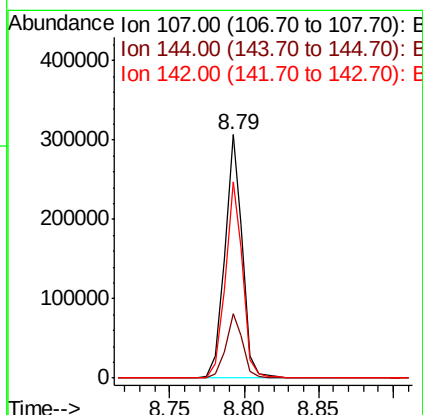
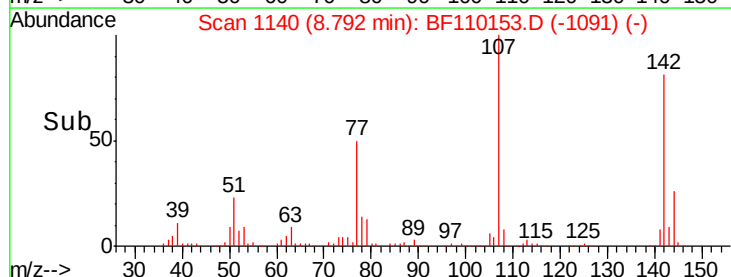
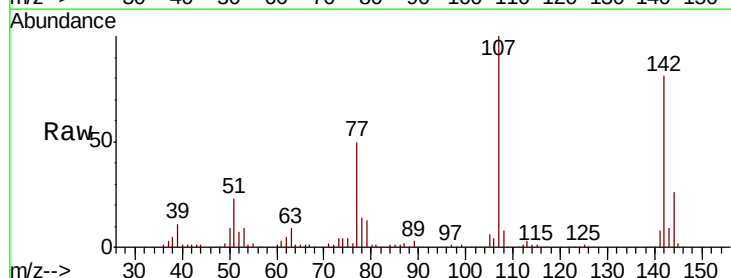
Instrument :
 BNA_F
 ClientSampleId :

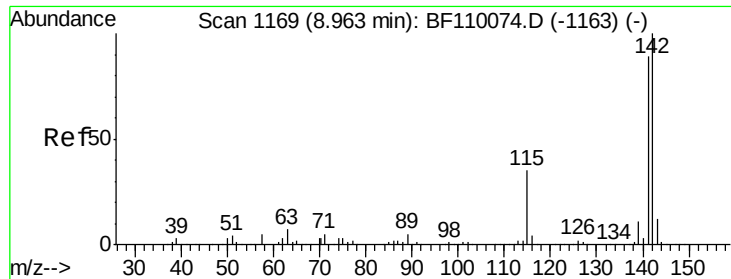
Tot Ion:113 Resp: 88879
 Ion Ratio Lower Upper
 113 100
 55 166.7 142.8 182.8
 56 125.0 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.117 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion:107 Resp: 255150
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.0 30.0
 142 80.7 59.7 89.5

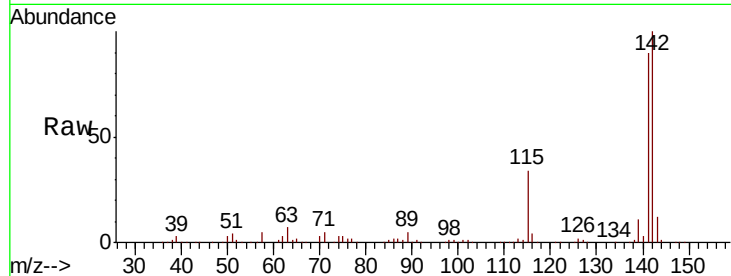




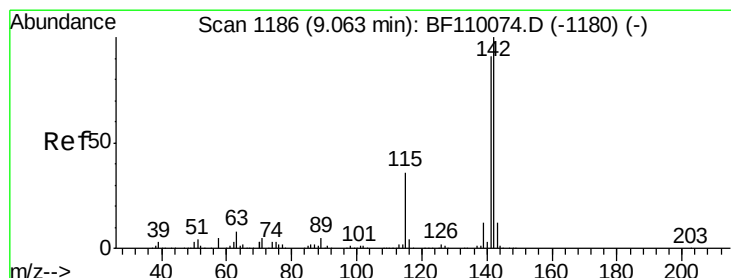
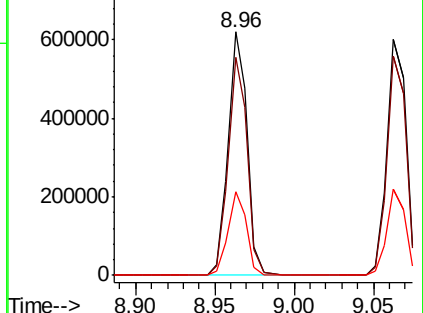
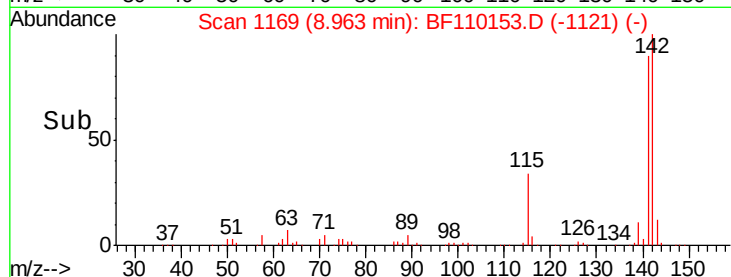
#37
 2-Methylnaphthalene
 Concen: 38.701 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	34.5	28.7	43.1

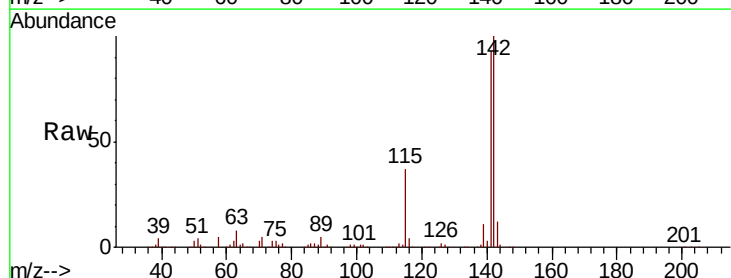


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

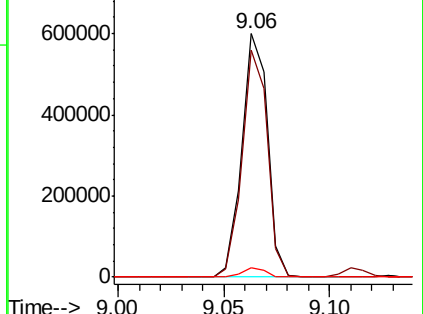
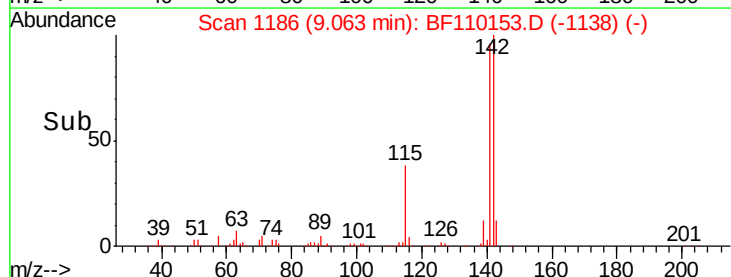


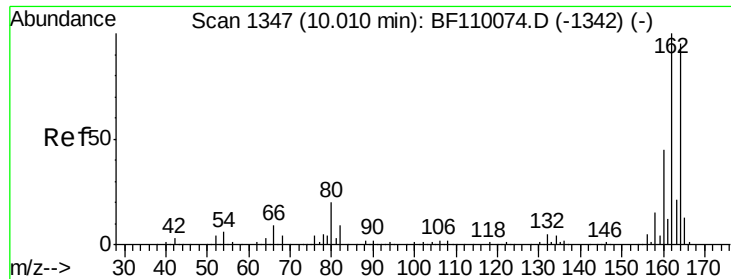
#38
 1-Methylnaphthalene
 Concen: 39.242 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

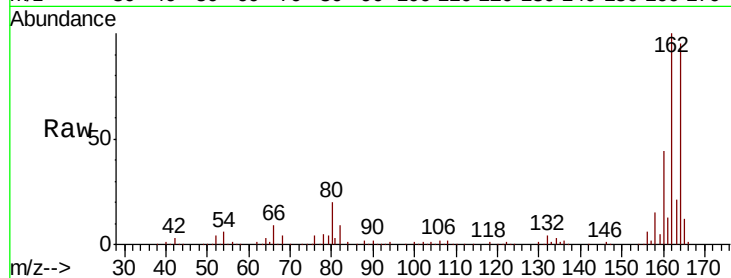
Tot Ion:164 Resp: 215195

Ion Ratio Lower Upper

164 100

162 105.6 83.0 124.6

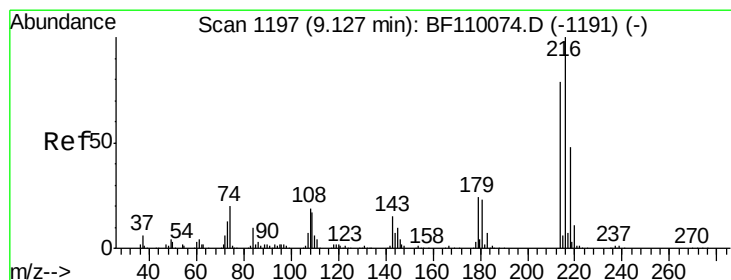
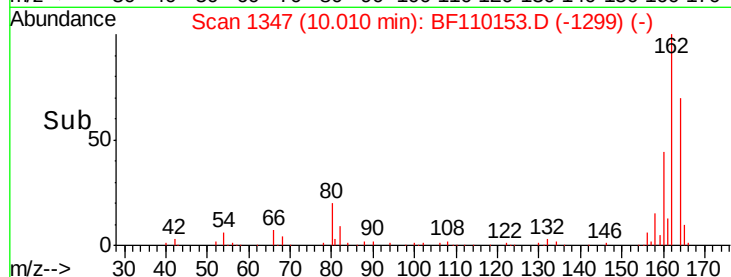
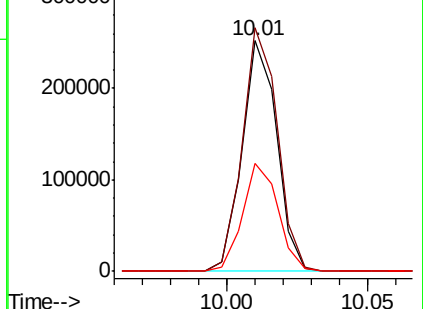
160 46.7 37.0 55.6



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: 38.239 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Tgt Ion:216 Resp: 256392

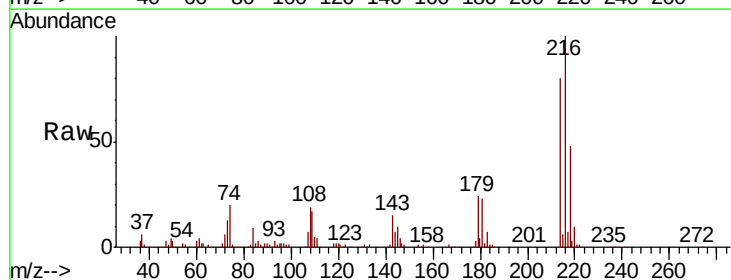
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.5 16.6 25.0

108 18.9 15.1 22.7

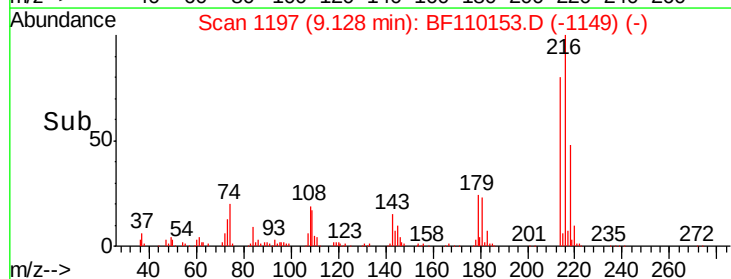
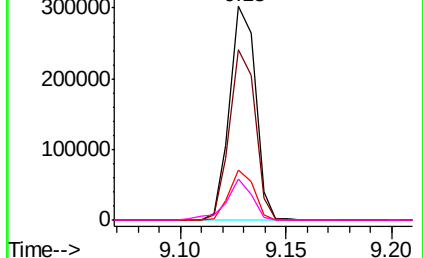


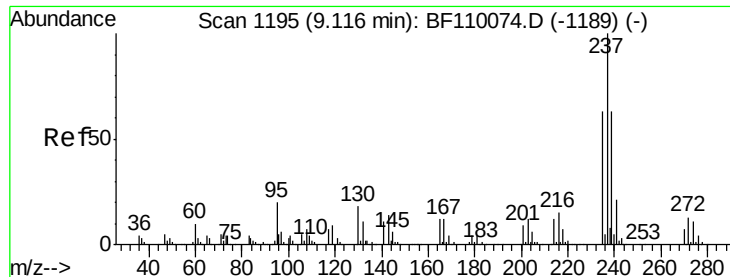
Abundance Ion 216.00 (215.70 to 216.70): E

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

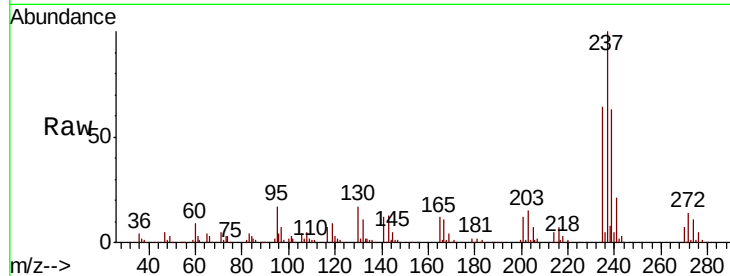




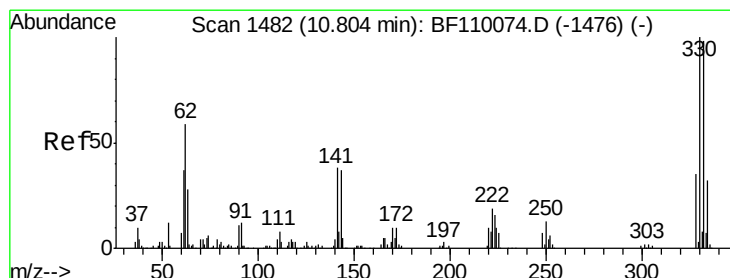
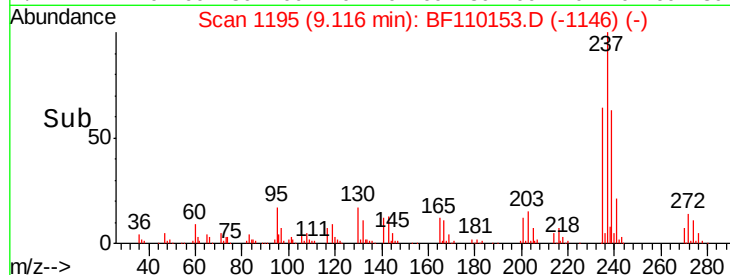
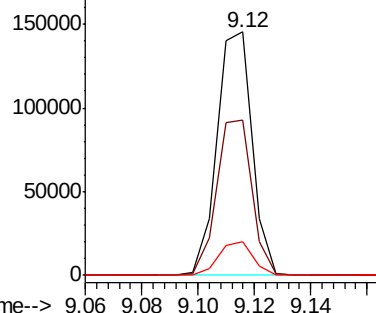
#41
Hexachlorocyclopentadiene
Concen: 36.802 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.1	83.1
272	13.7	0.0	32.6

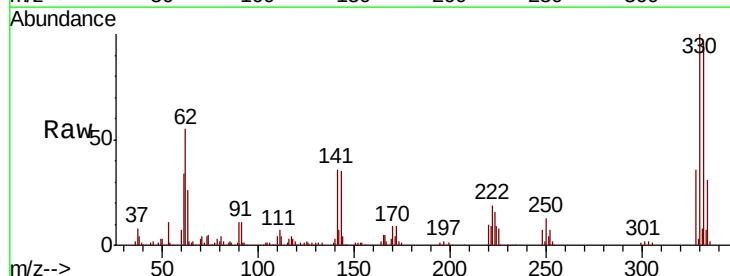


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

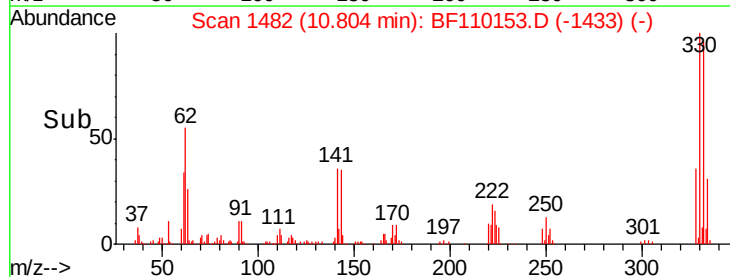
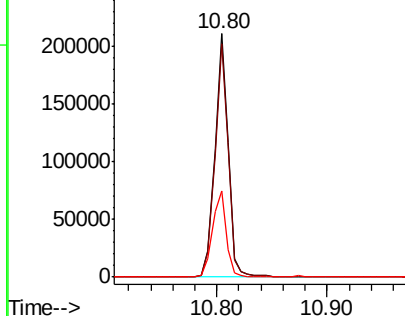


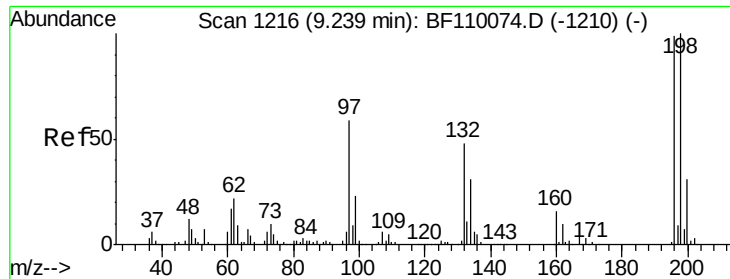
#42
2,4,6-Tribromophenol
Concen: 82.076 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	36.4	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

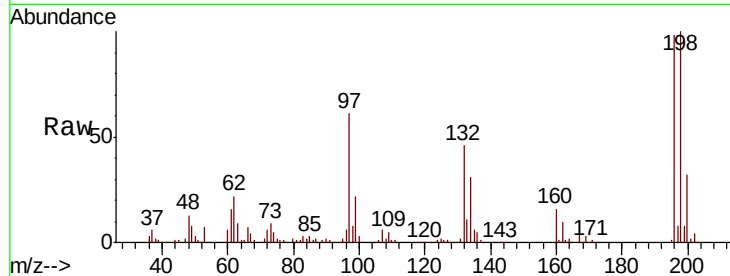




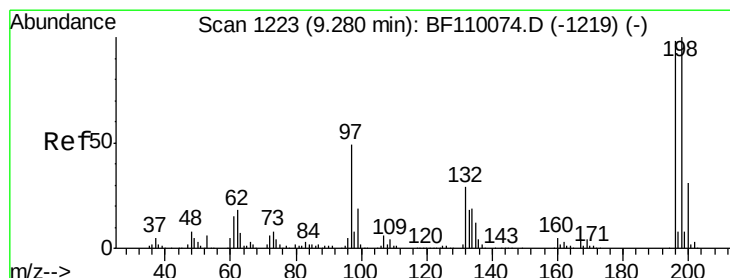
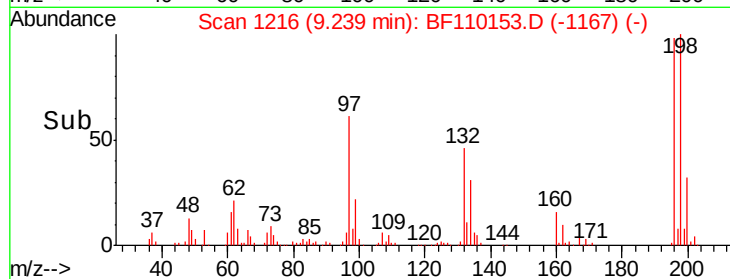
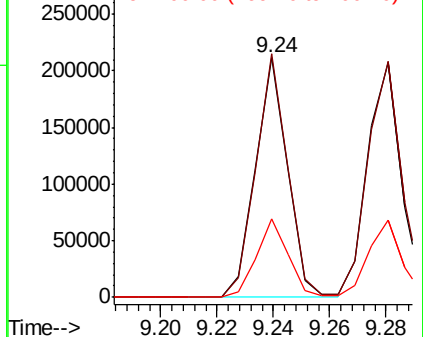
#43
 2,4,6-Trichlorophenol
 Concen: 38.746 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 167564
 Ion Ratio Lower Upper
 196 100
 198 101.8 76.2 114.4
 200 32.6 24.4 36.6

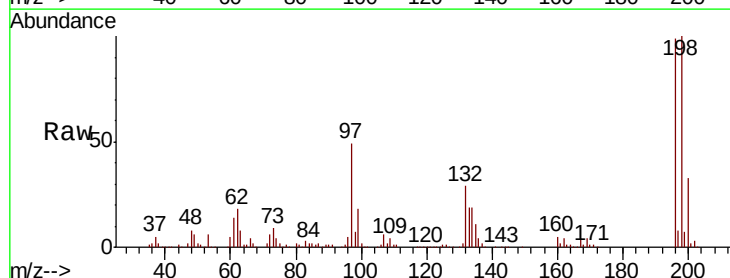


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

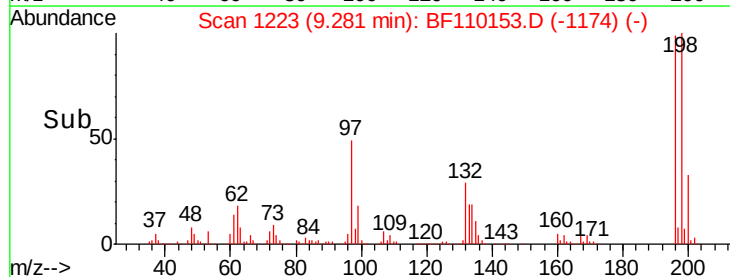
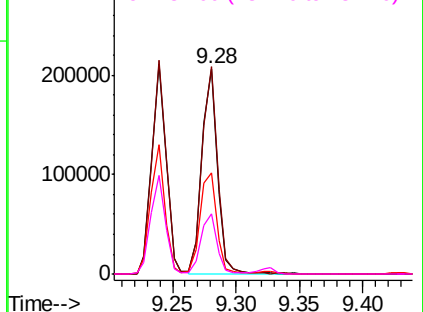


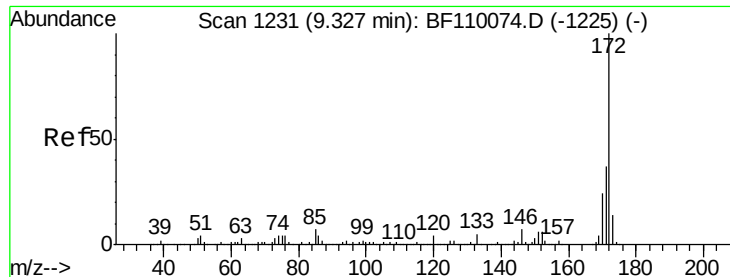
#44
 2,4,5-Trichlorophenol
 Concen: 38.687 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion:196 Resp: 176853
 Ion Ratio Lower Upper
 196 100
 198 100.7 75.8 113.6
 97 49.6 42.4 63.6
 132 29.4 22.8 34.2



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





#45

2-Fluorobiphenyl

Concen: 79.265 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

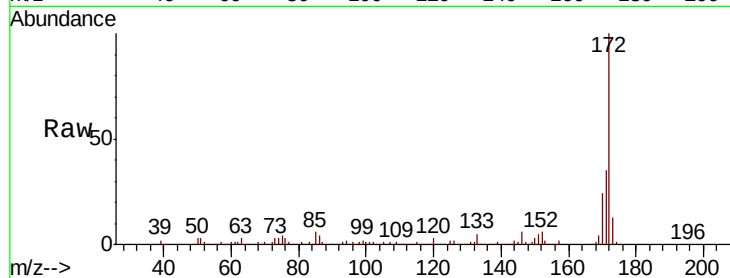
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1086288

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.0	19.7	29.5

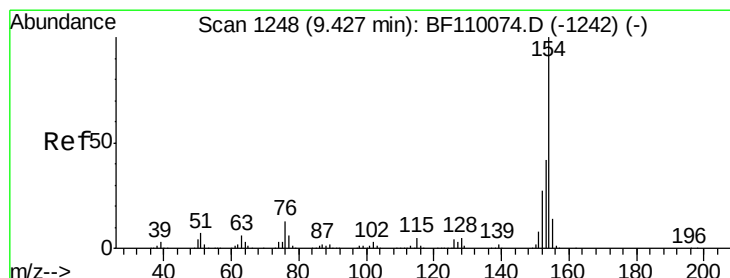
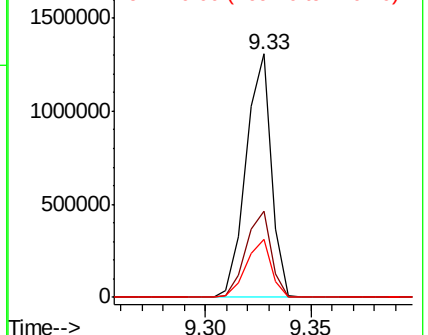
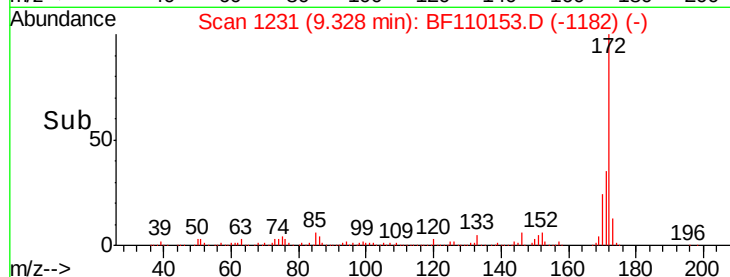


Abundance

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: 38.792 ng

RT: 9.43 min Scan# 1248

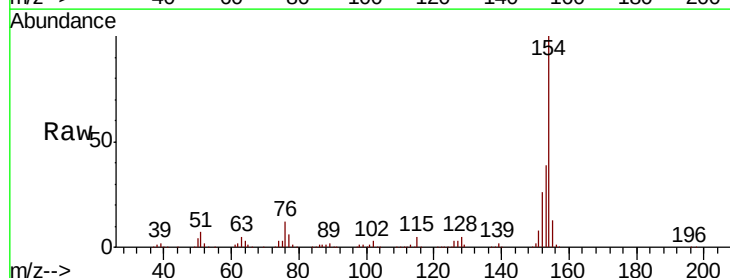
Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Tgt Ion:154 Resp: 754893

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.4	60.4
76	12.1	0.0	31.9

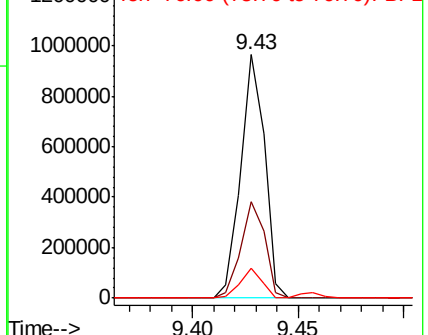
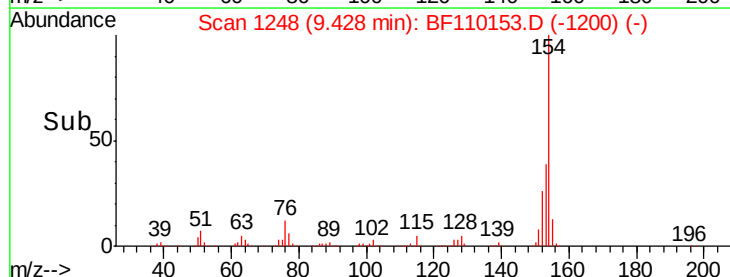


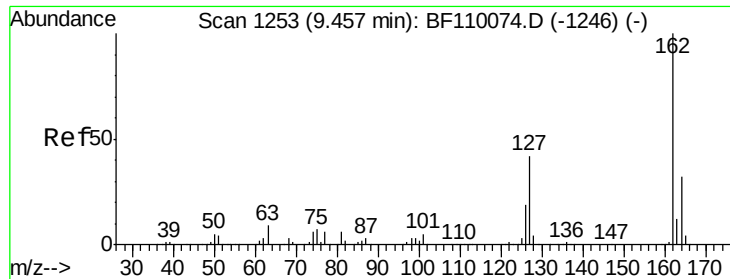
Abundance

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

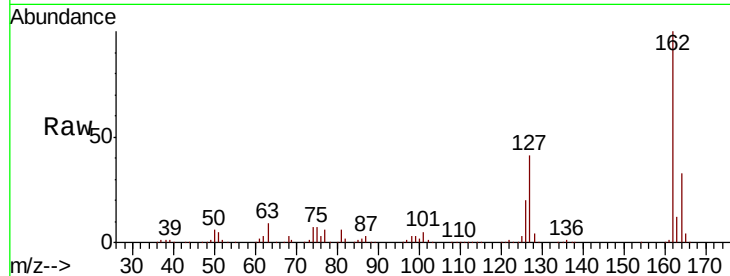




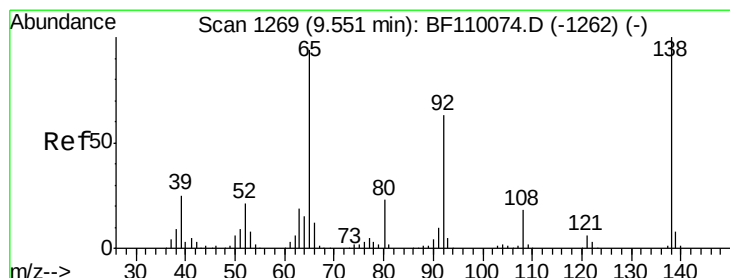
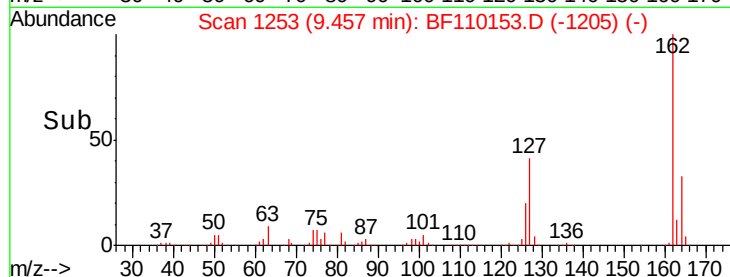
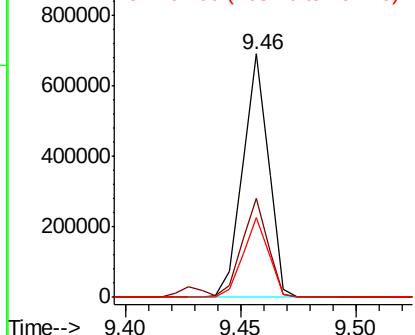
#47
 2-Chloronaphthalene
 Concen: 37.937 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	48.8
164	33.0	25.9	38.9

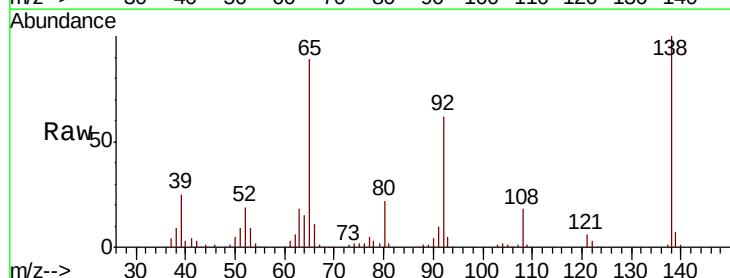


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

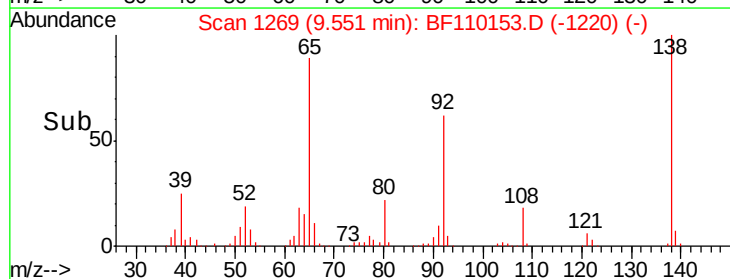
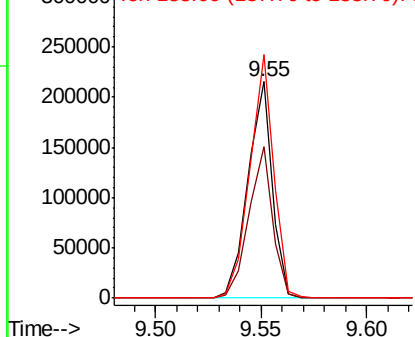


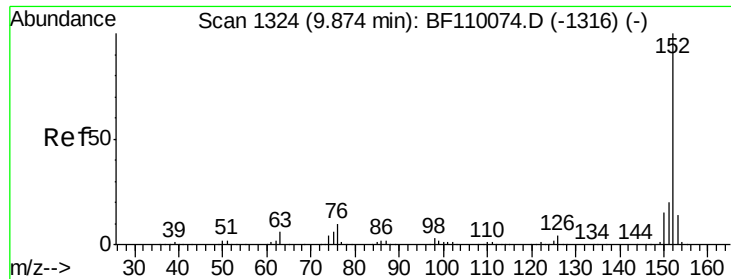
#48
 2-Nitroaniline
 Concen: 39.919 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	54.6	81.8
138	112.6	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: 38.903 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampled :

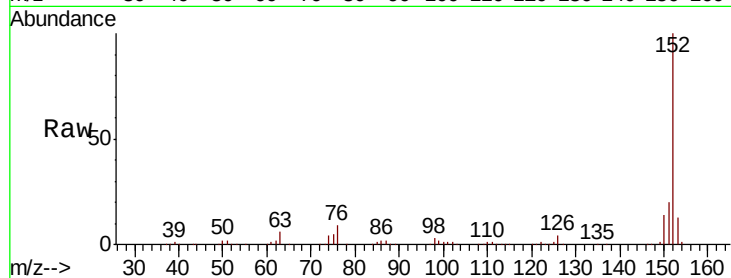
Tot Ion:152 Resp: 802071

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

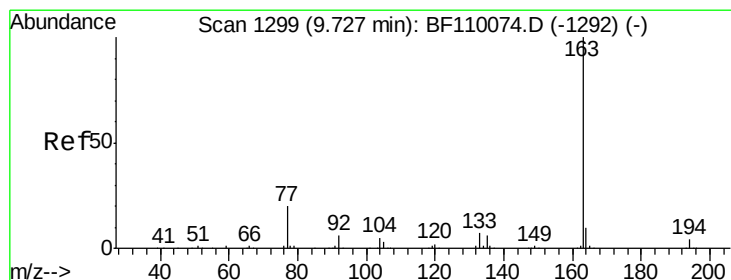
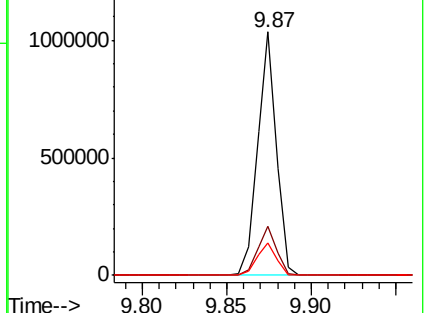
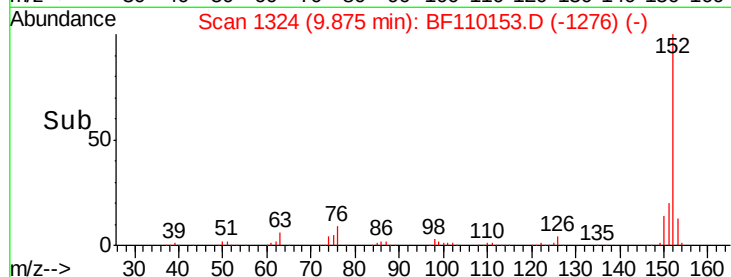
153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.462 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

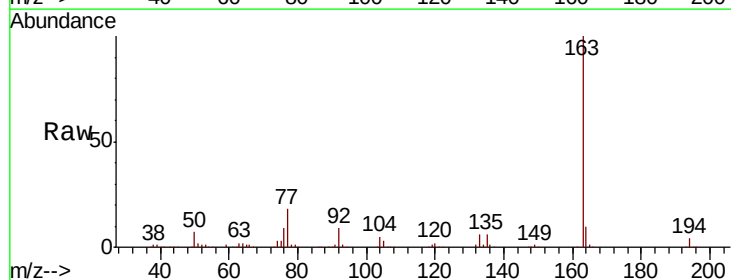
Tgt Ion:163 Resp: 626864

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

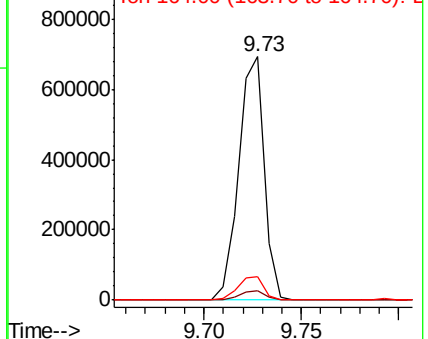
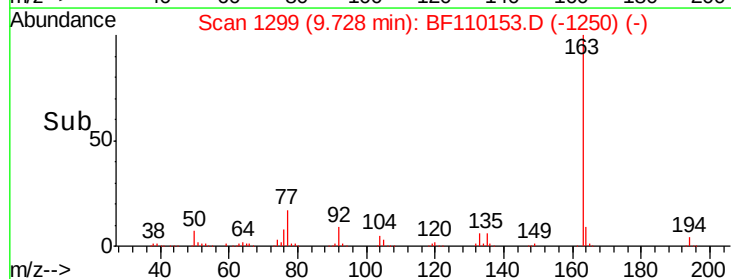
164 9.6 8.1 12.1

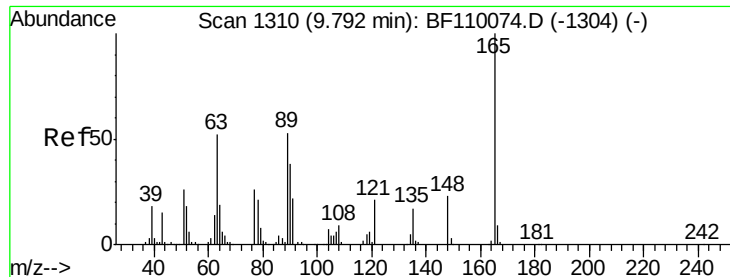


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.012 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampled :

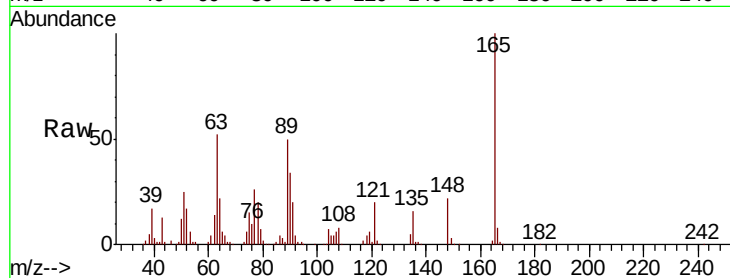
Tot Ion:165 Resp: 143754

Ion Ratio Lower Upper

165 100

63 51.8 48.9 73.3

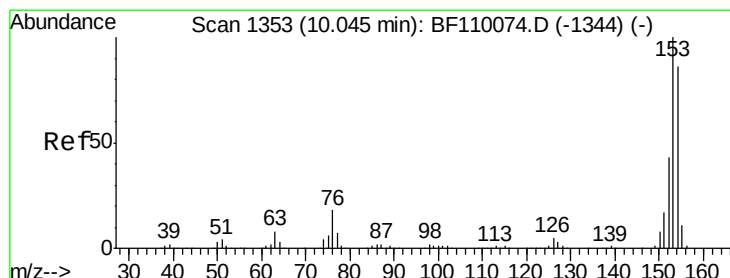
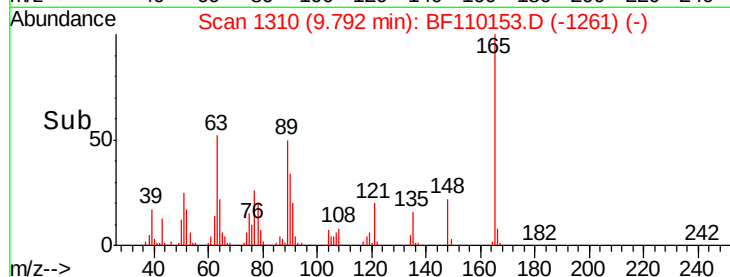
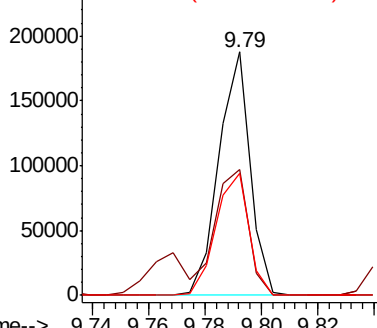
89 50.1 46.6 69.8



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: 38.754 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

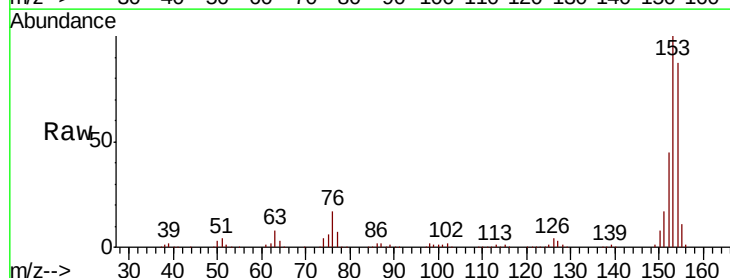
Tgt Ion:154 Resp: 528586

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

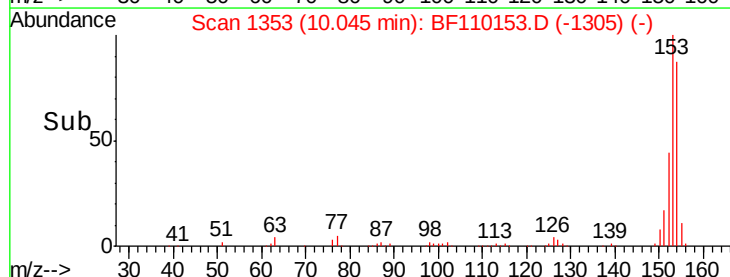
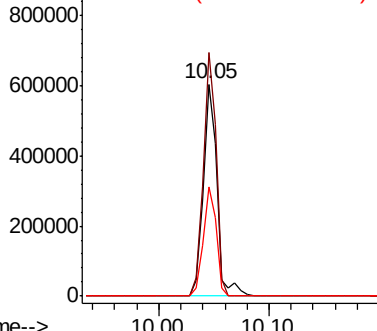
152 51.5 43.4 65.2

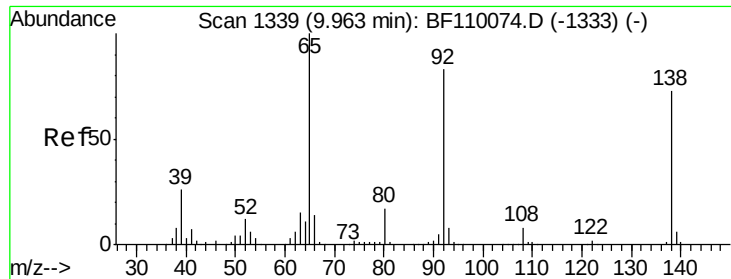


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

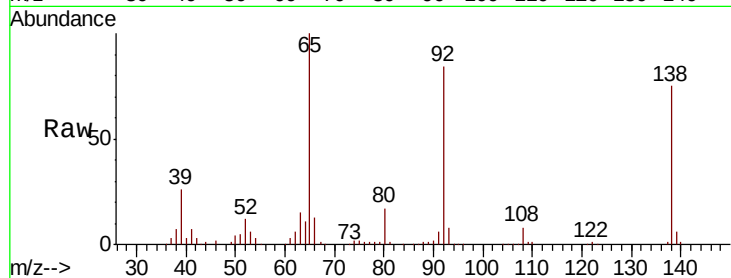




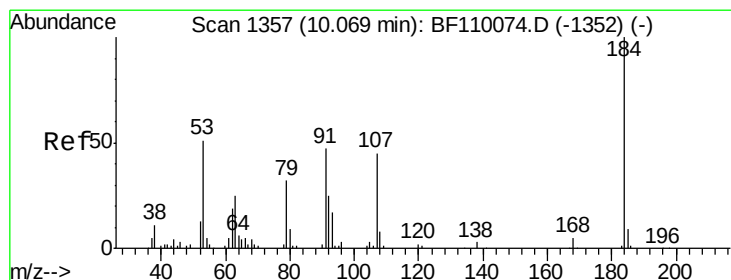
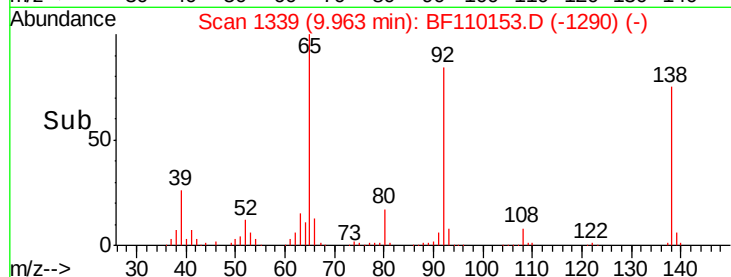
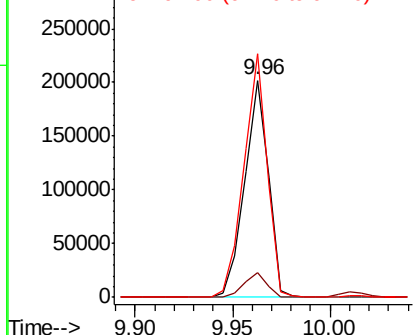
#53
3-Nitroaniline
Concen: 41.801 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 170091
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 112.2 97.0 145.4

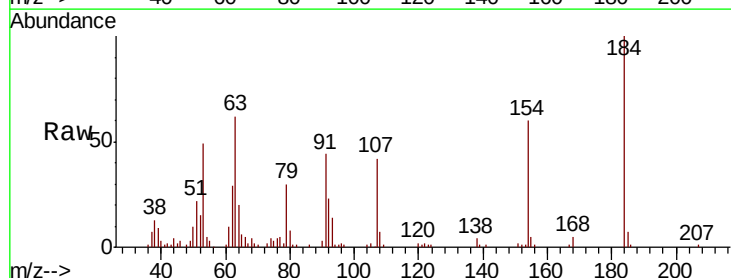


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

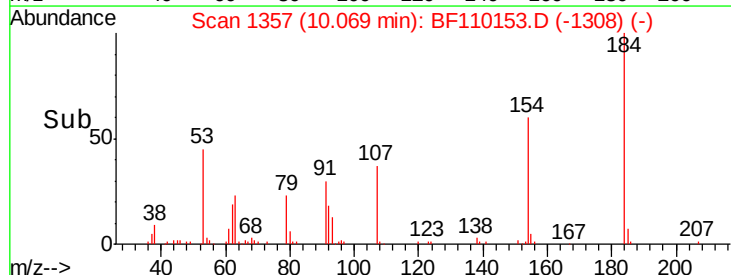
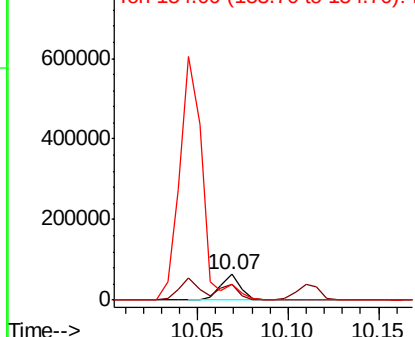


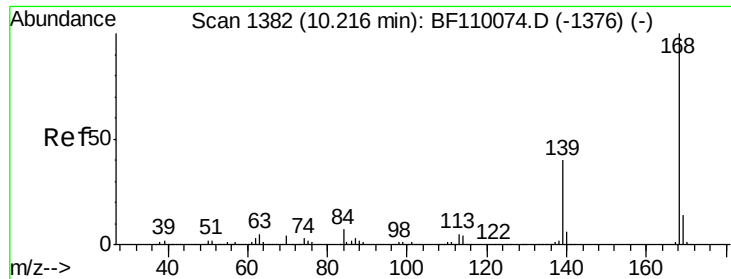
#54
2,4-Dinitrophenol
Concen: 38.750 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:184 Resp: 48749
Ion Ratio Lower Upper
184 100
63 62.5 55.8 83.6
154 60.0 63.2 94.8#



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

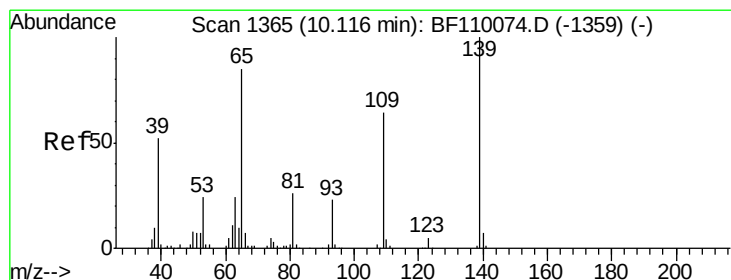
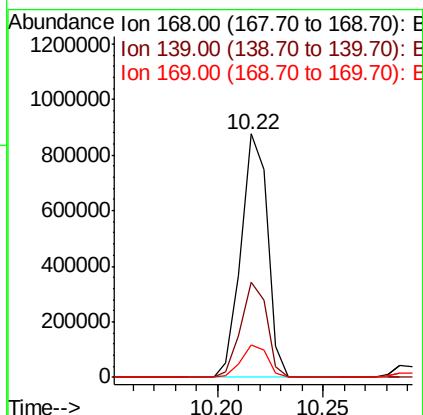
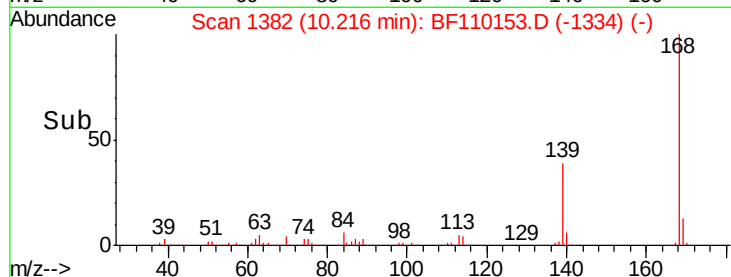
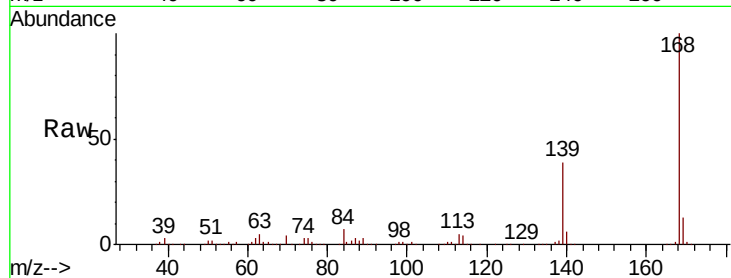




#55
Dibenzofuran
Concen: 39.909 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

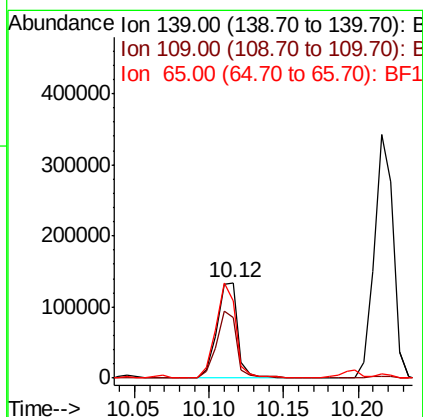
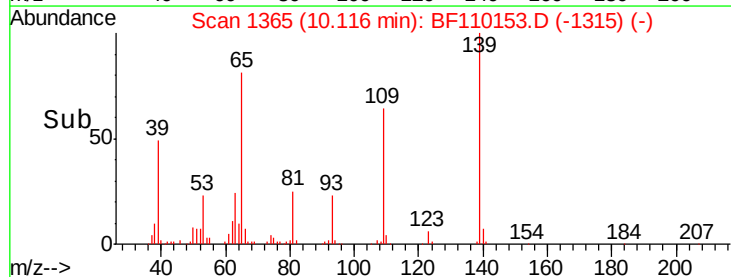
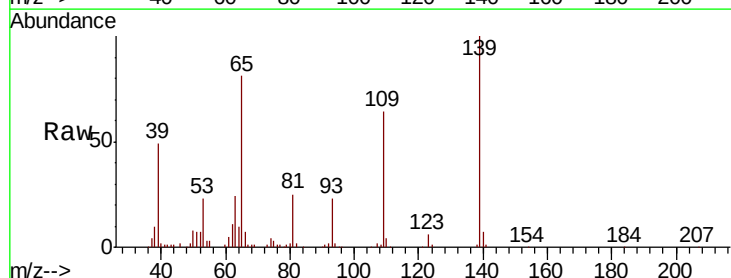
Instrument :
BNA_F
ClientSampled :

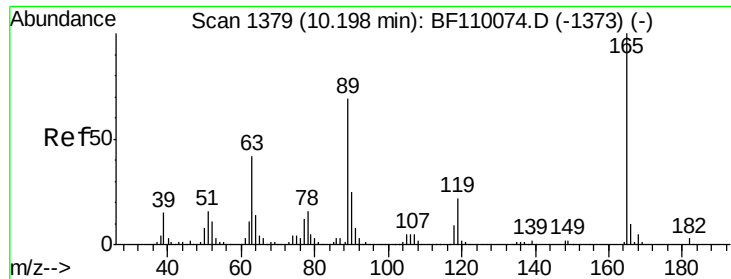
Tot Ion:168 Resp: 762120
Ion Ratio Lower Upper
168 100
139 39.1 33.0 49.6
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 44.064 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:139 Resp: 132704
Ion Ratio Lower Upper
139 100
109 64.3 55.8 95.8
65 80.7 77.9 117.9

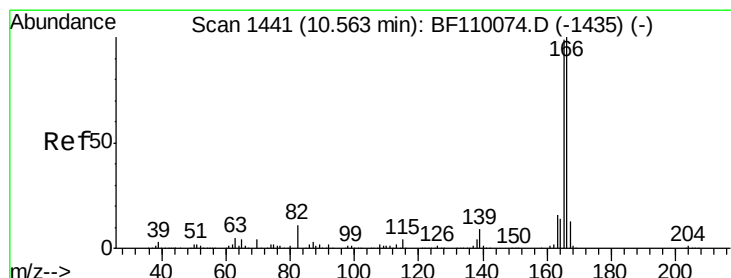
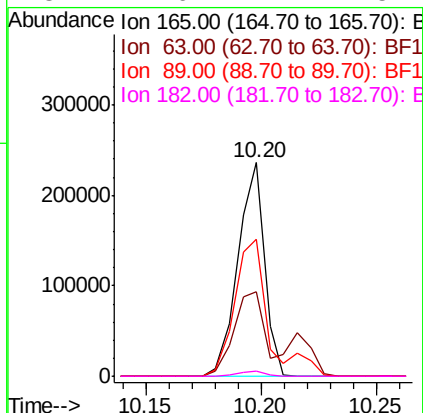
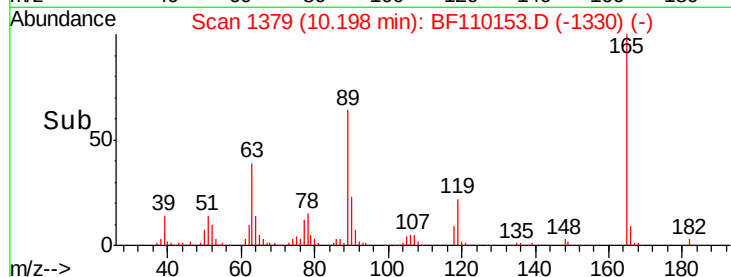
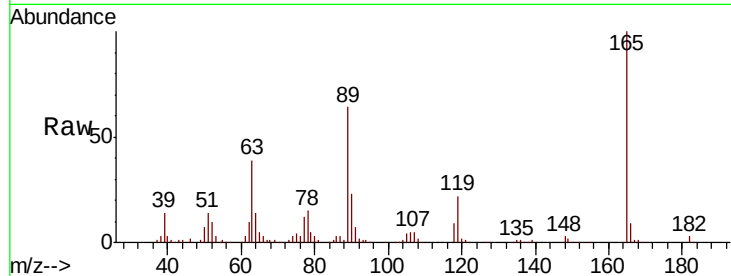




#57
2,4-Dinitrotoluene
Concen: 43.725 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

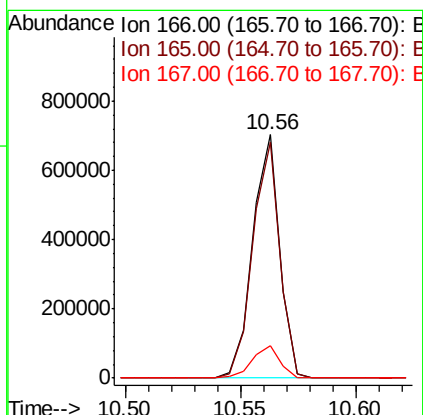
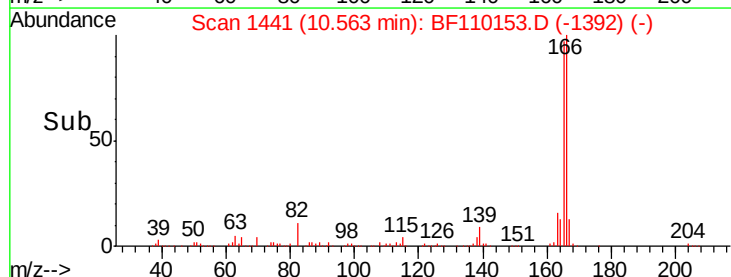
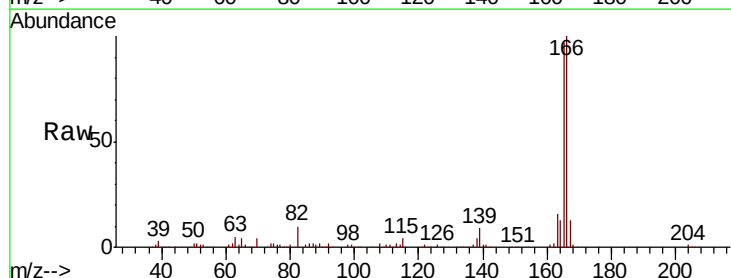
Instrument :
BNA_F
ClientSampled :

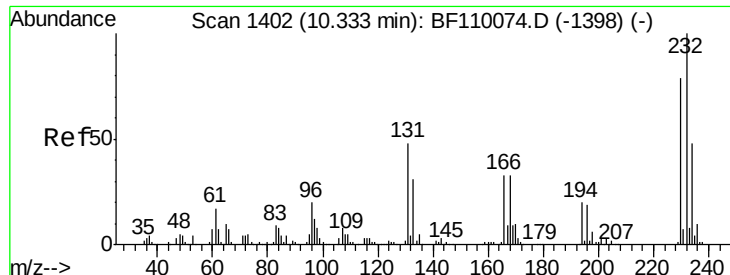
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.4	44.8	67.2#
89	64.4	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 40.413 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	13.4	10.8	16.2

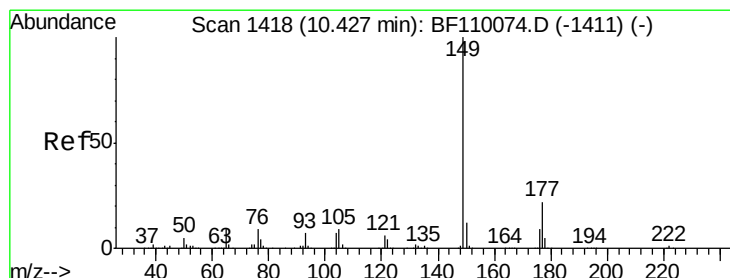
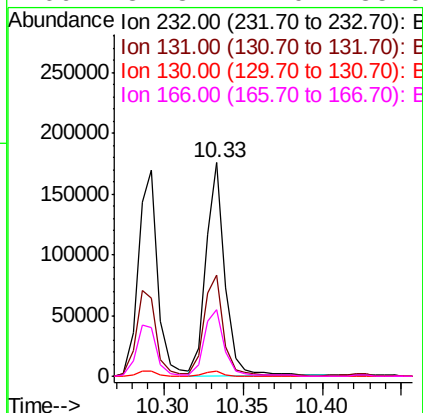
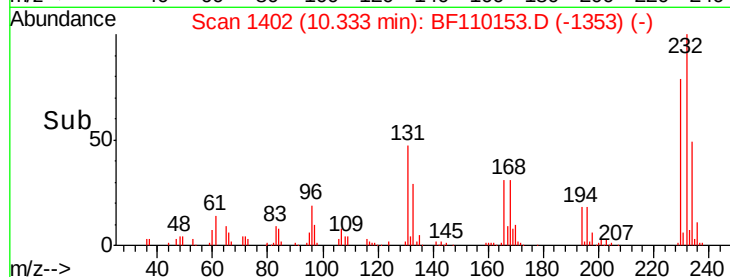
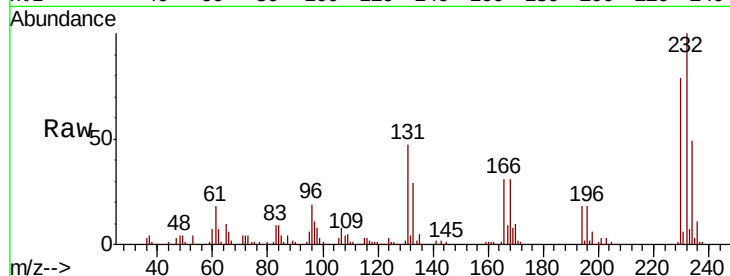




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.752 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

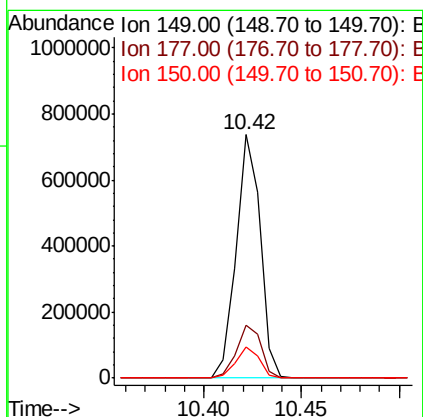
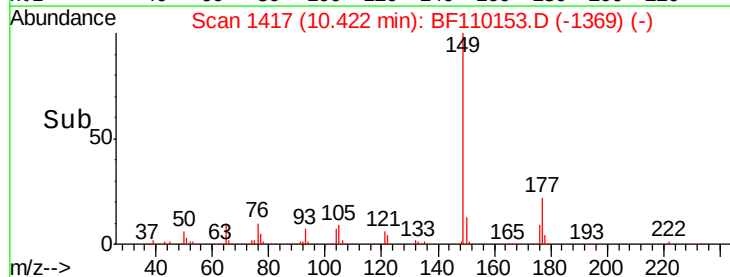
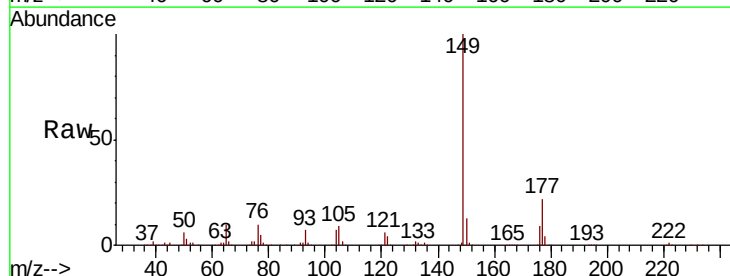
Instrument :
BNA_F
ClientSampleId :

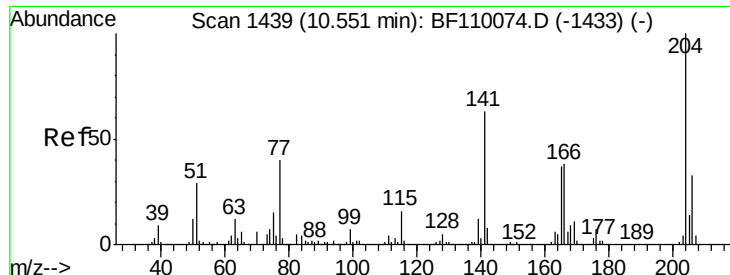
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	37.0	55.4
130	2.2	1.8	2.6
166	32.8	22.0	33.0



#60
Diethylphthalate
Concen: 40.662 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.7	9.8	14.8

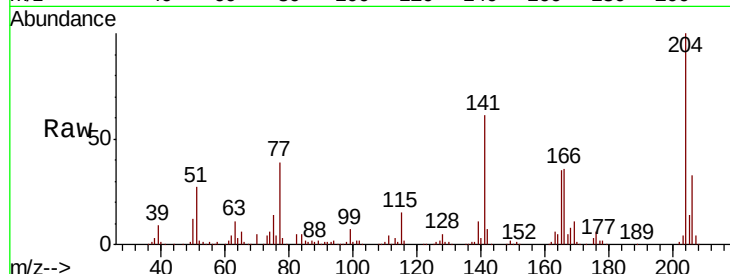




#61
4-Chlorophenyl-phenylether
Concen: 39.894 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	61.0	51.8	77.8

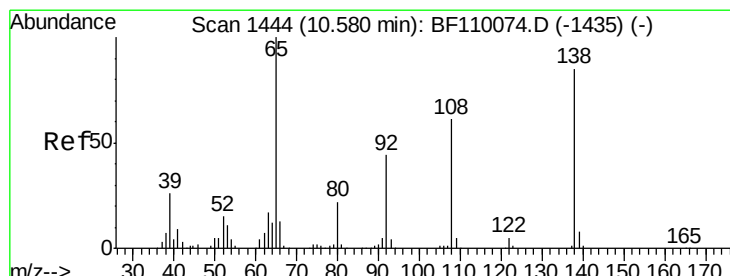
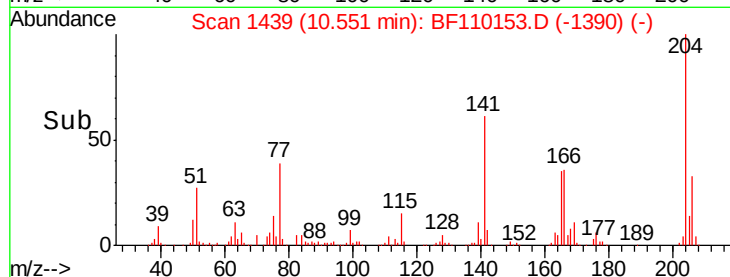
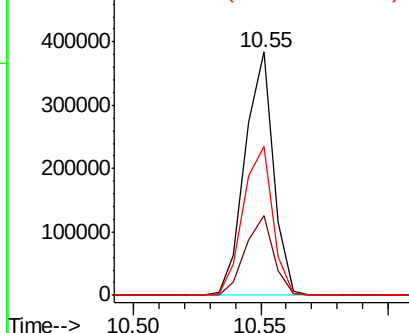


Abundance

Ion 204.00 (203.70 to 204.70): E

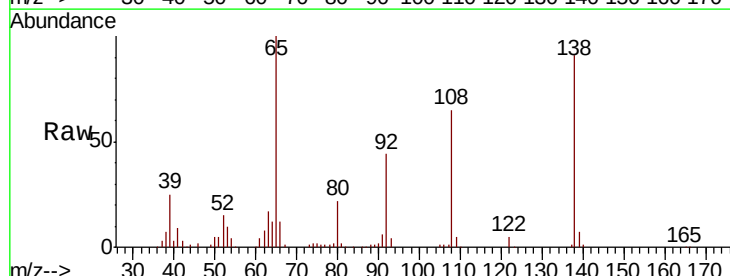
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.665 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	31.7	71.7
108	71.1	59.3	99.3

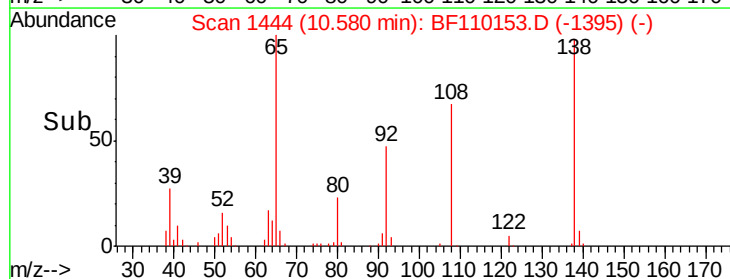
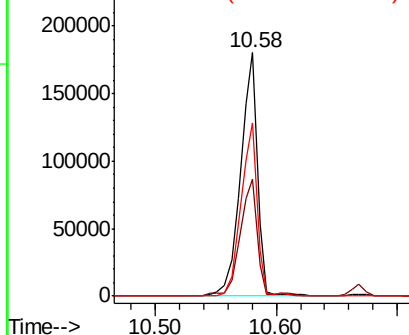


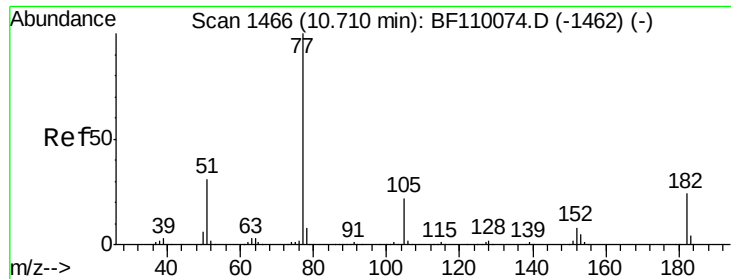
Abundance

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: 39.895 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 614055

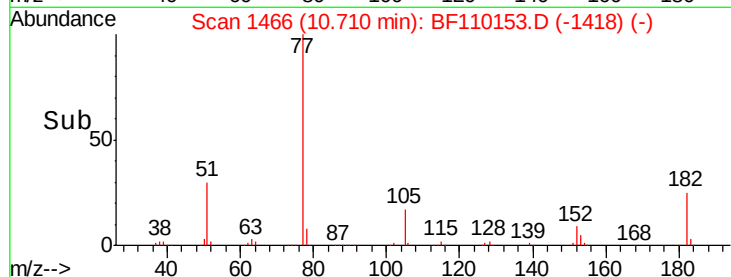
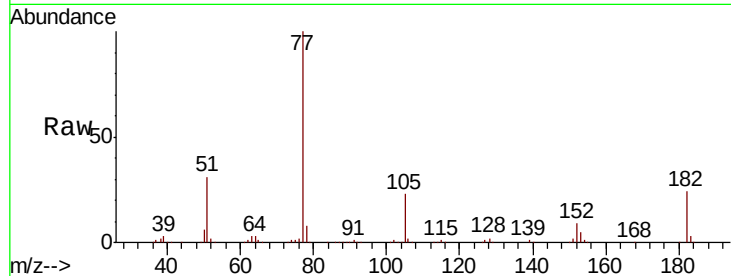
Ion Ratio Lower Upper

77 100

182 24.5 4.3 44.3

105 22.5 1.3 41.3

51 31.0 9.0 49.0

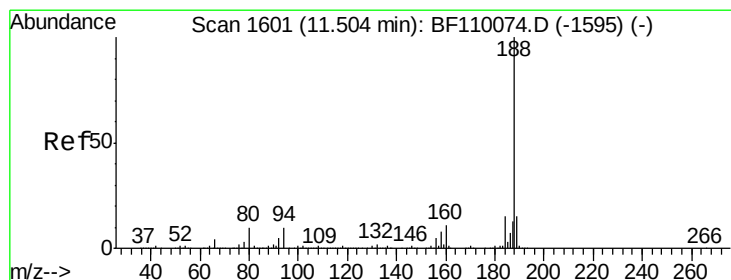
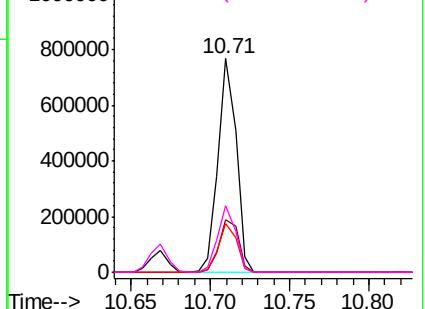


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

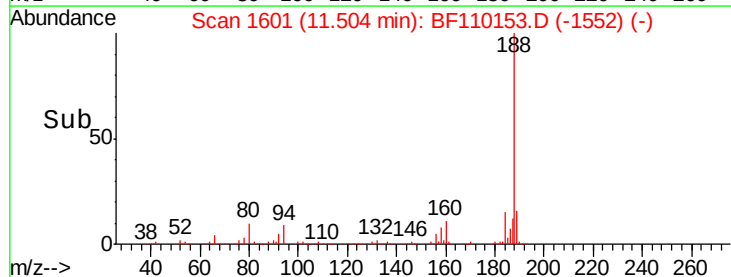
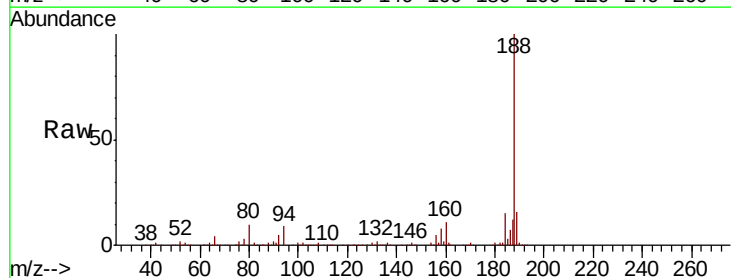
Tgt Ion: 188 Resp: 441475

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

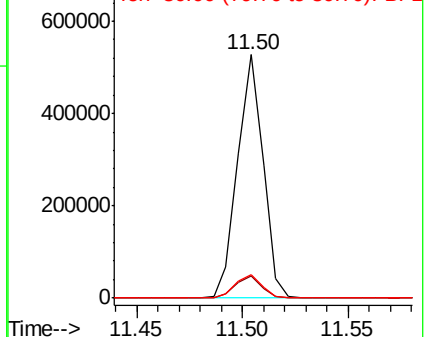
80 9.9 7.9 11.9

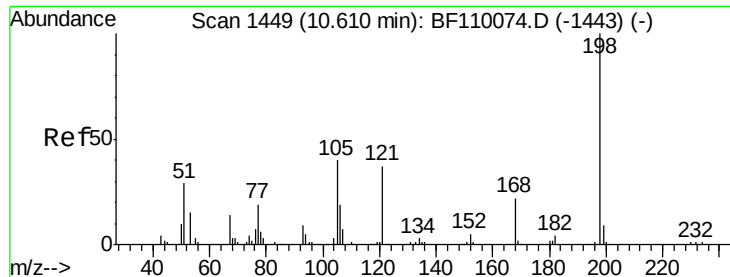


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

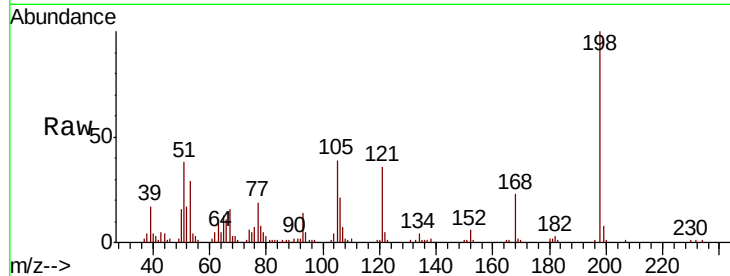




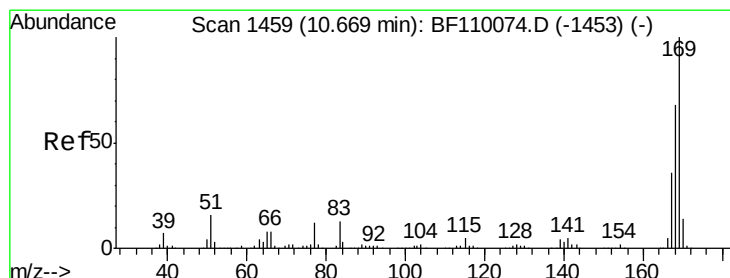
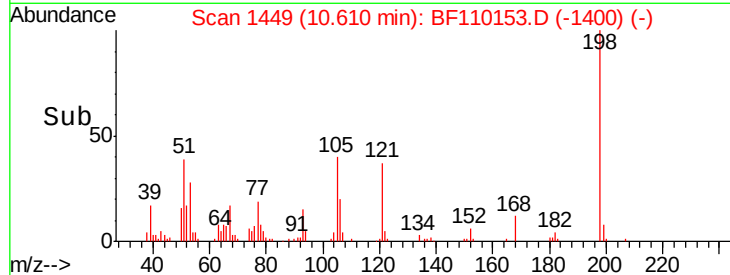
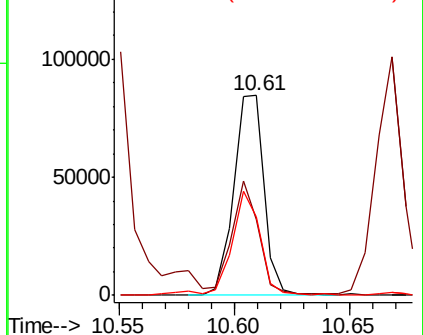
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.537 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 77729
 Ion Ratio Lower Upper
 198 100
 51 38.2 22.8 62.8
 105 39.1 23.6 63.6

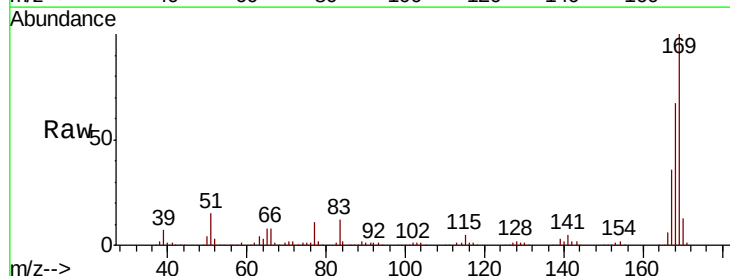


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

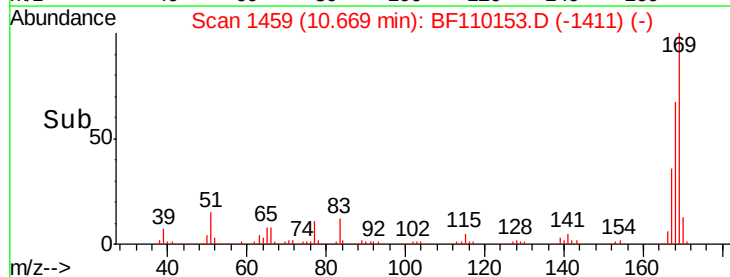
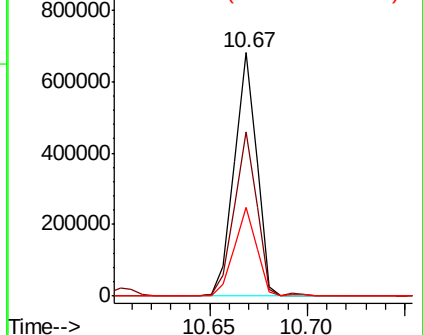


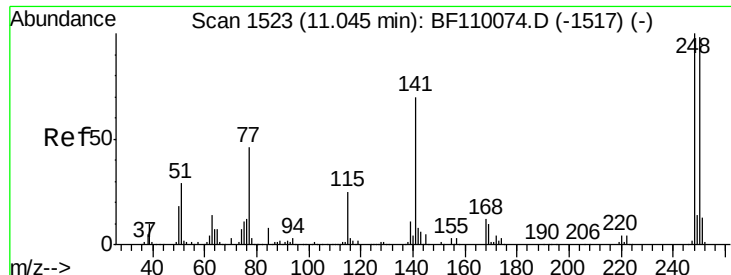
#66
 n-Nitrosodiphenylamine
 Concen: 37.768 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion:169 Resp: 546902
 Ion Ratio Lower Upper
 169 100
 168 67.4 51.2 76.8
 167 36.2 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

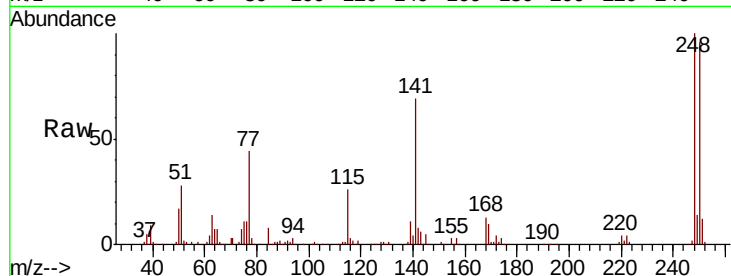




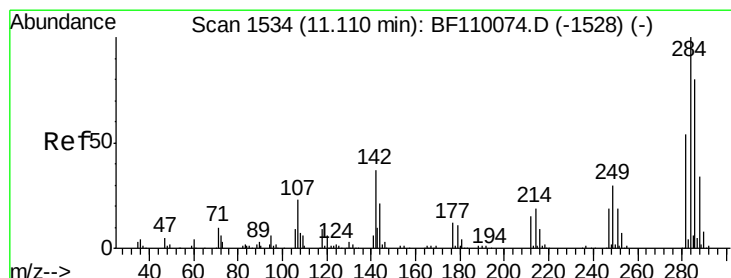
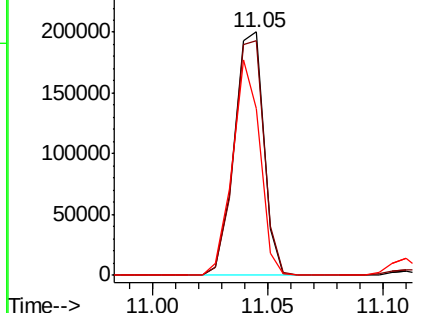
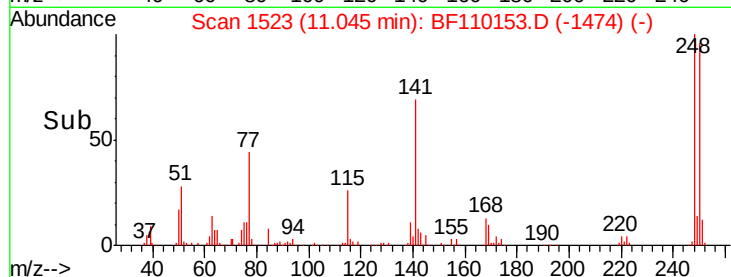
#67
4-Bromophenyl-phenylether
Concen: 37.332 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 178775
Ion Ratio Lower Upper
248 100
250 96.4 79.4 119.2
141 68.5 55.9 83.9

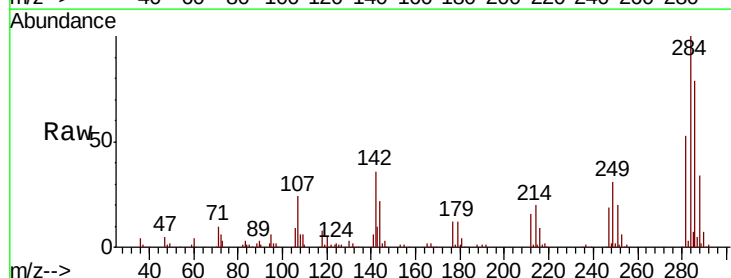


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

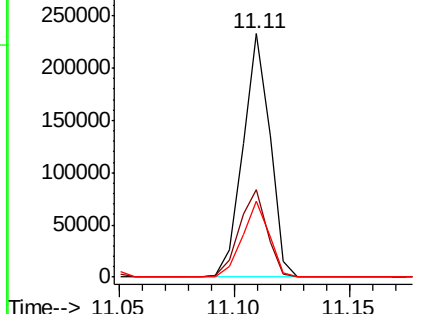
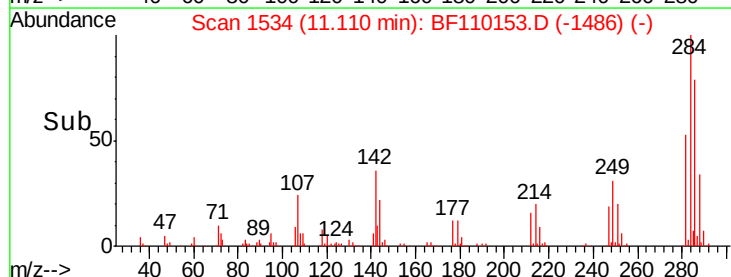


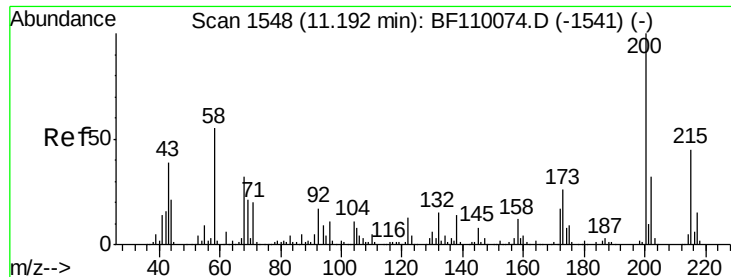
#68
Hexachlorobenzene
Concen: 37.571 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:284 Resp: 190898
Ion Ratio Lower Upper
284 100
142 36.0 23.9 35.9#
249 31.1 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

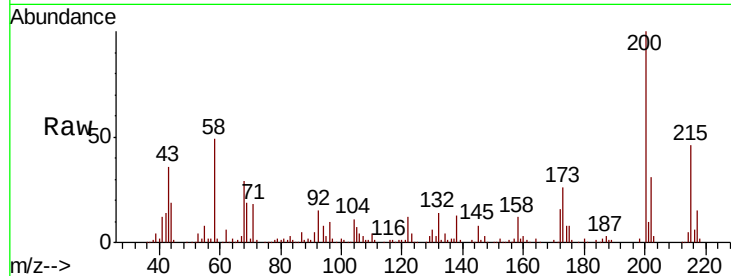




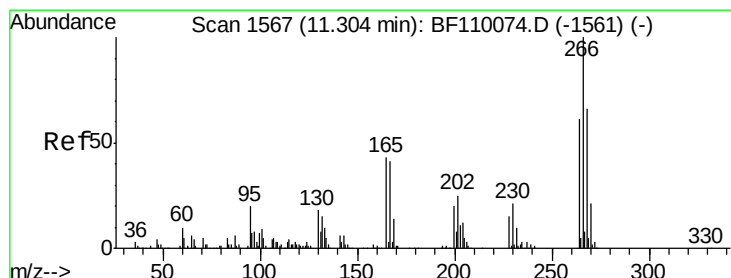
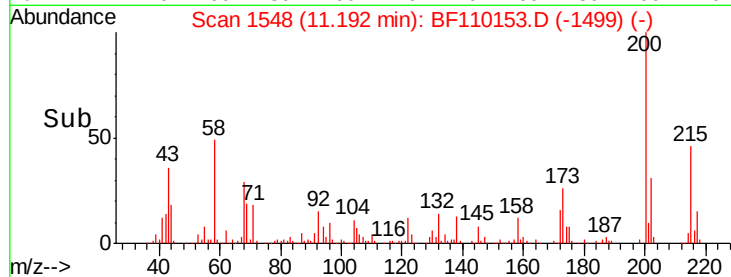
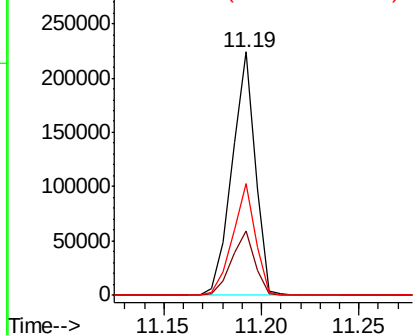
#69
 Atrazine
 Concen: 40.367 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	45.8	26.3	66.3

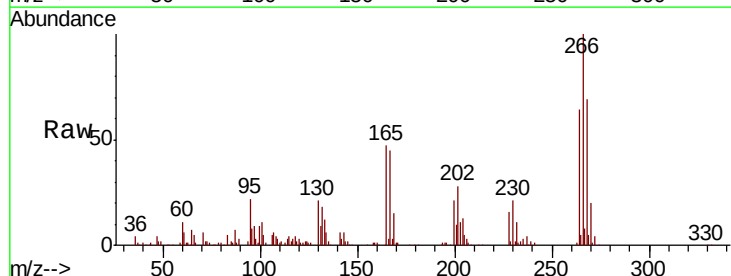


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

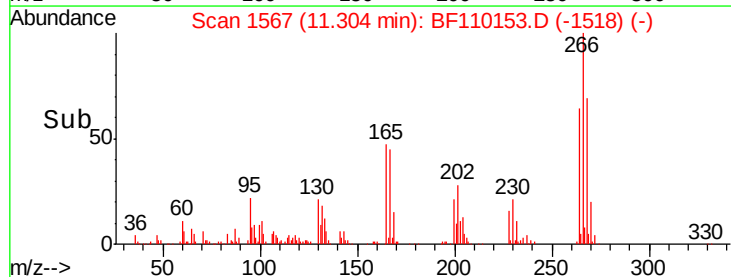
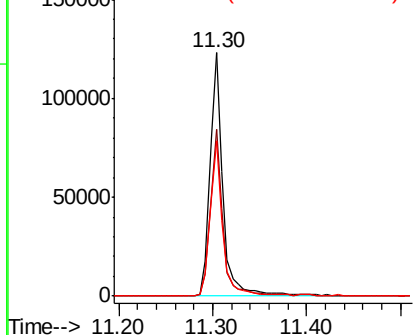


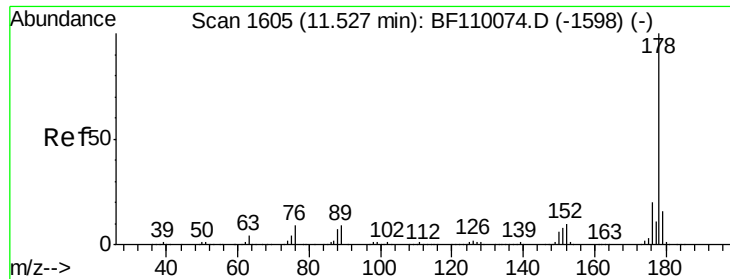
#70
 Pentachlorophenol
 Concen: 40.689 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	50.6	75.8
264	63.5	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

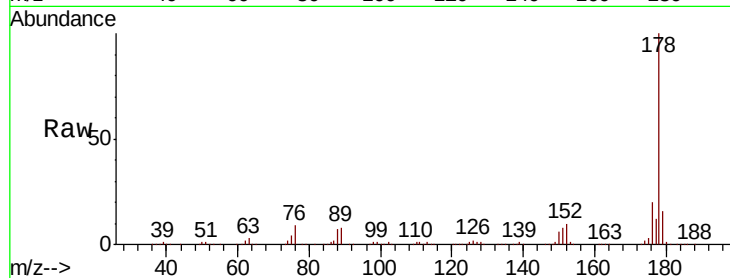




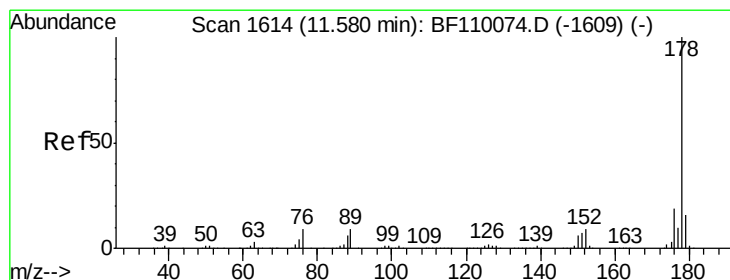
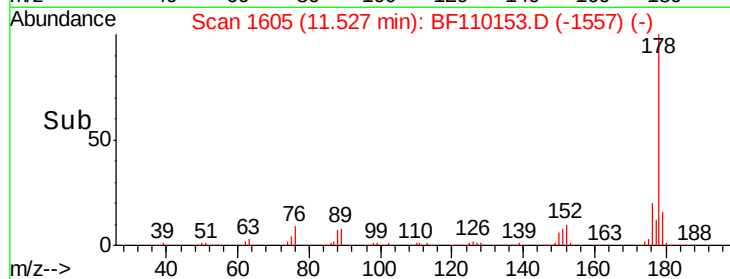
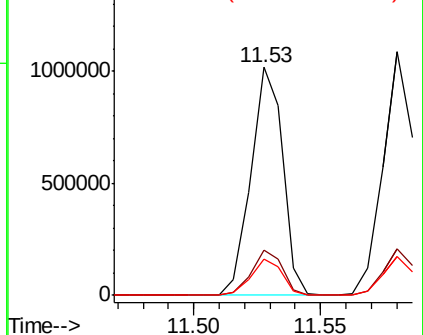
#71
Phenanthrene
Concen: 38.500 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 889349
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.1 12.5 18.7

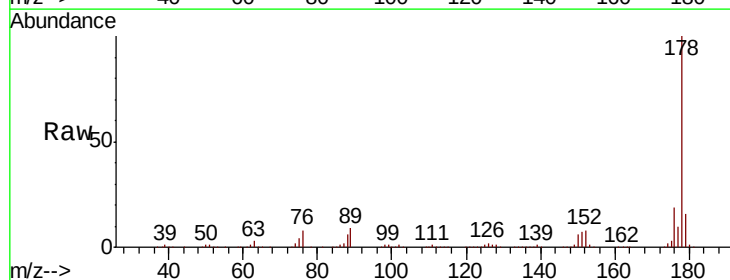


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

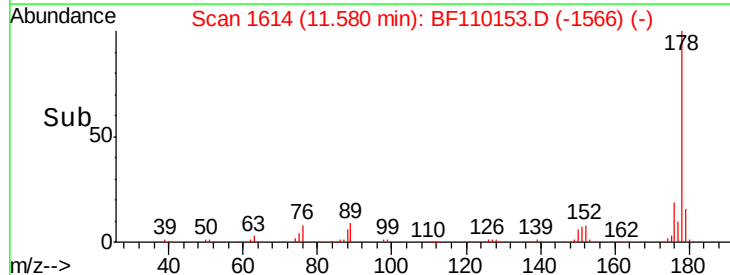
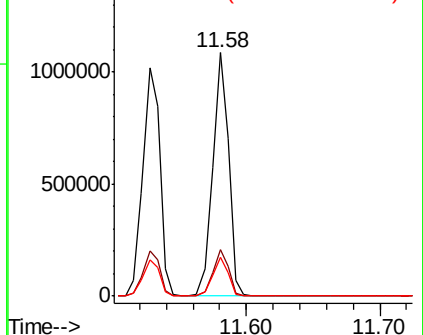


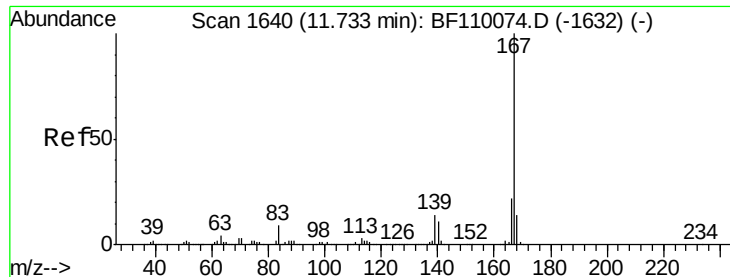
#72
Anthracene
Concen: 39.309 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:178 Resp: 910155
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.6 18.8



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

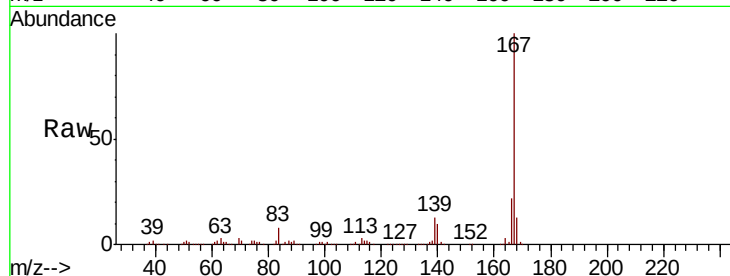




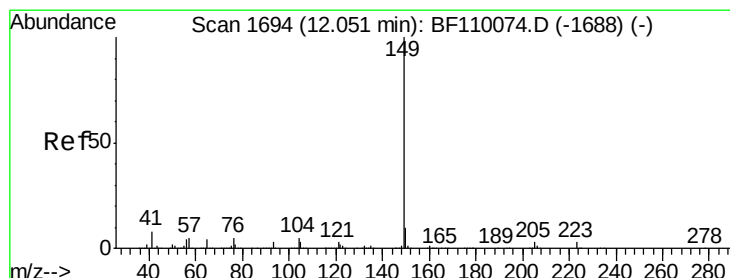
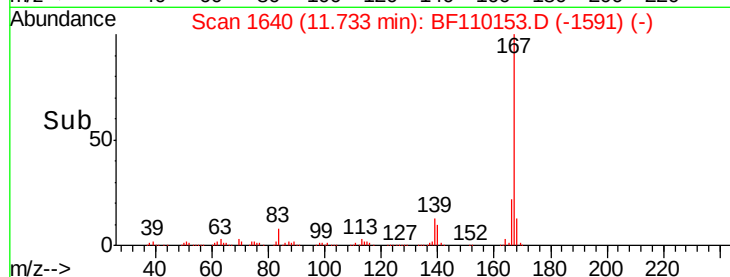
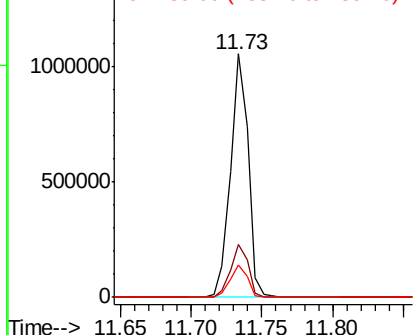
#73
 Carbazole
 Concen: 40.677 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 919594
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.4 10.9 16.3

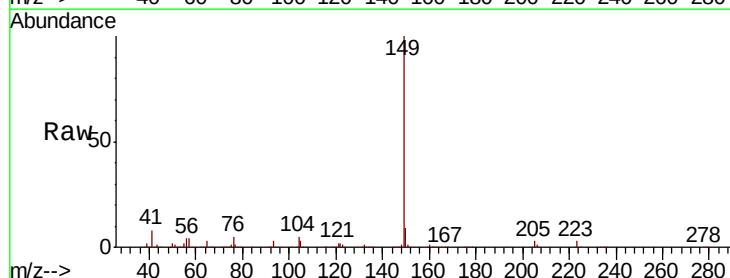


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

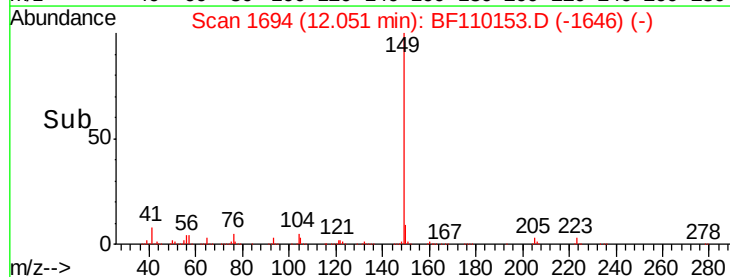
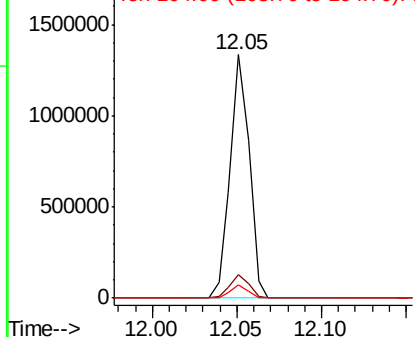


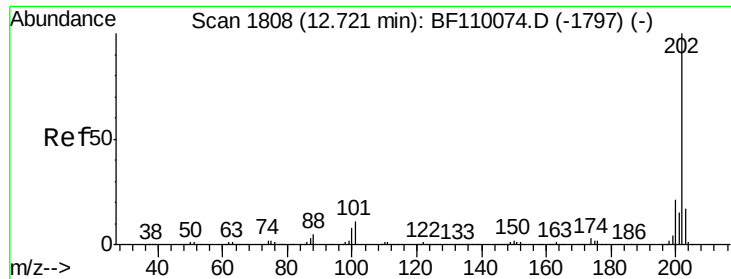
#74
 Di-n-butylphthalate
 Concen: 41.056 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion:149 Resp: 1048266
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.4



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

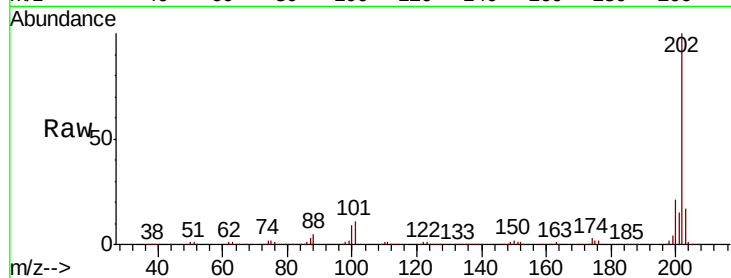




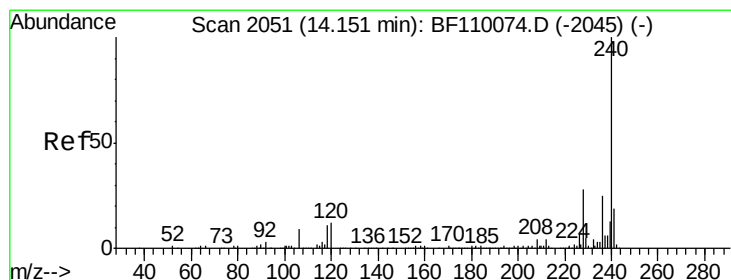
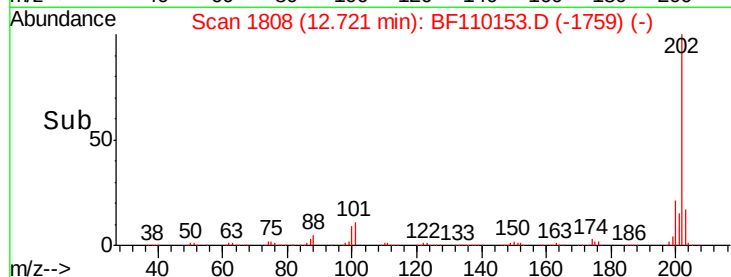
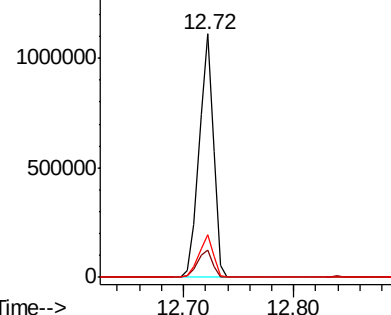
#75
 Fluoranthene
 Concen: 41.689 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.5	0.0	37.7

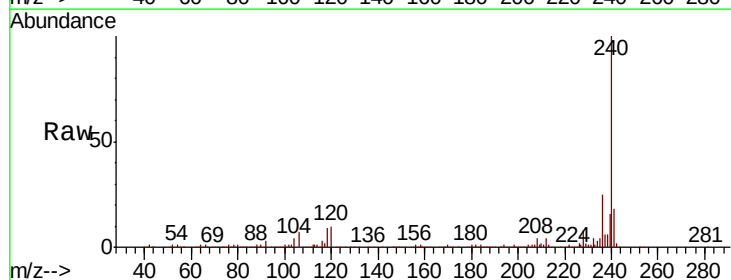


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

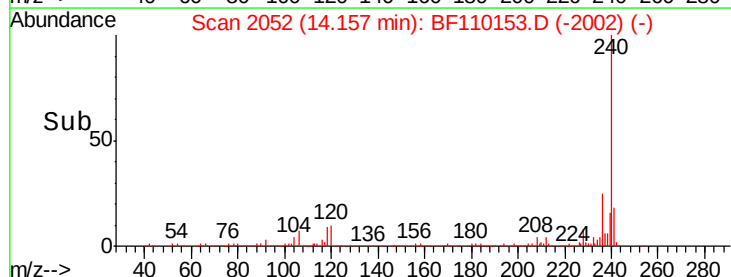
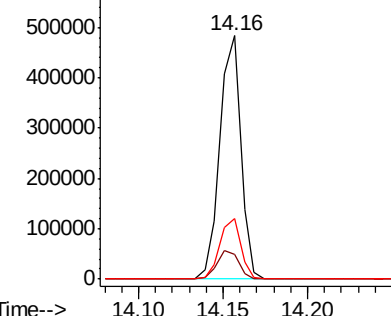


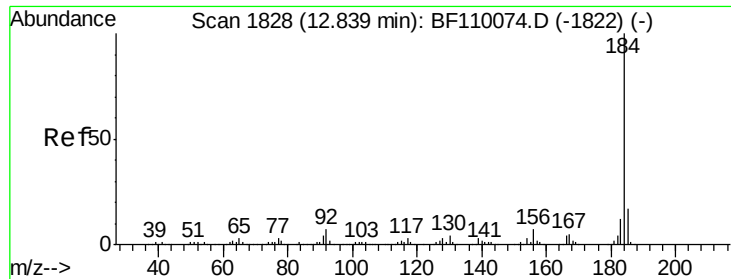
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110153.D
 Acq: 25 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.0	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: 64.872 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampled :

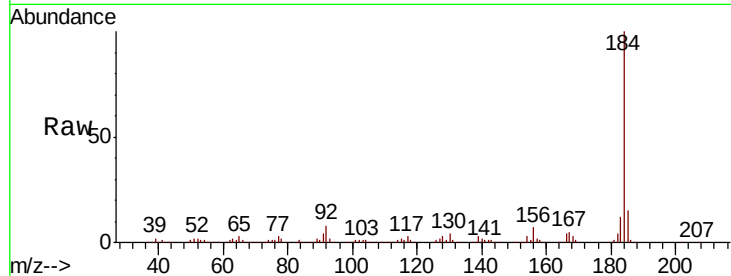
Tot Ion:184 Resp: 591888

Ion Ratio Lower Upper

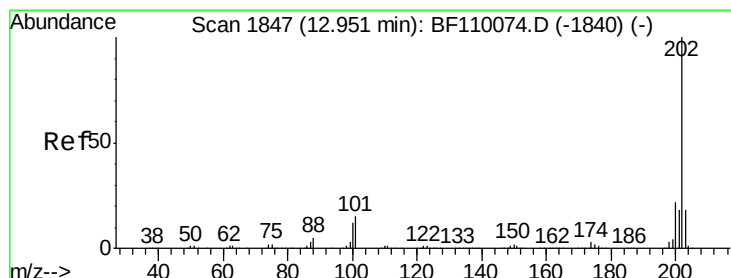
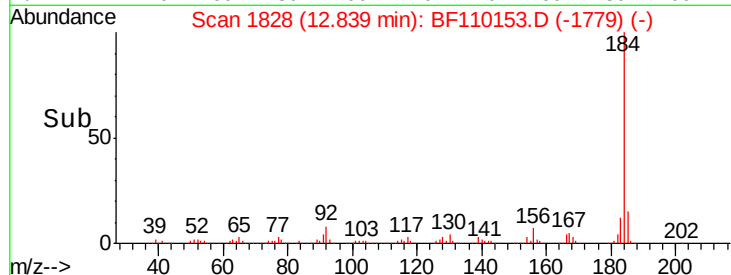
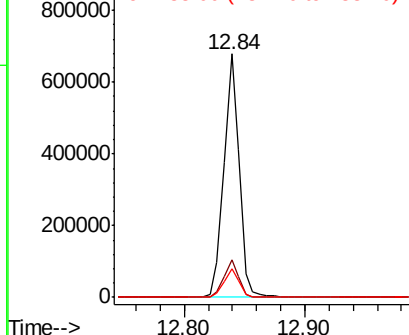
184 100

185 15.2 13.4 20.2

183 12.0 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: 33.853 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

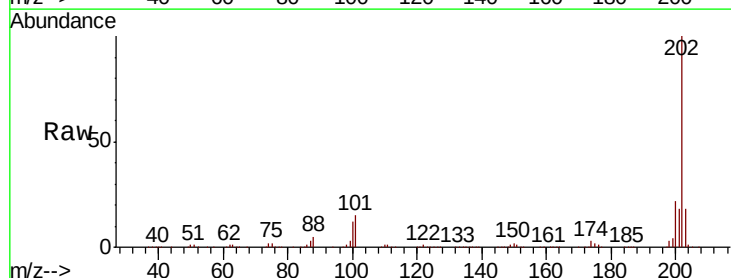
Tgt Ion:202 Resp: 1010685

Ion Ratio Lower Upper

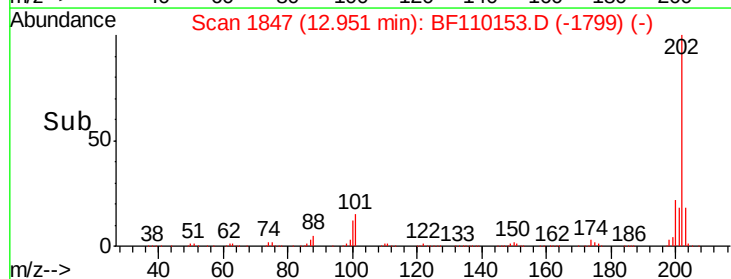
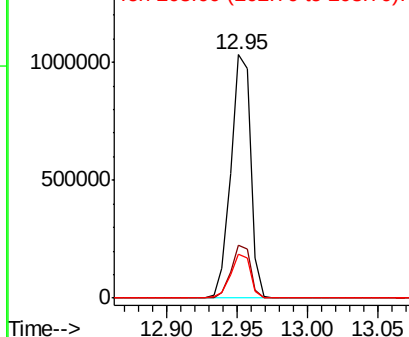
202 100

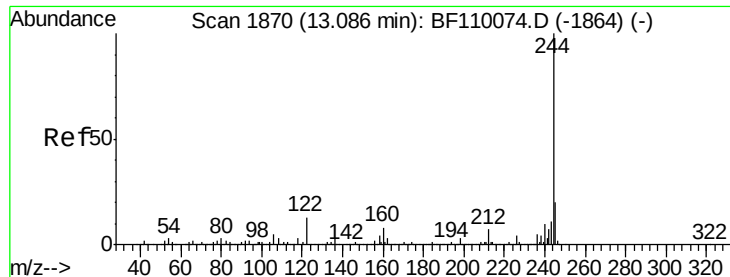
200 21.8 17.8 26.6

203 17.9 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.973 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

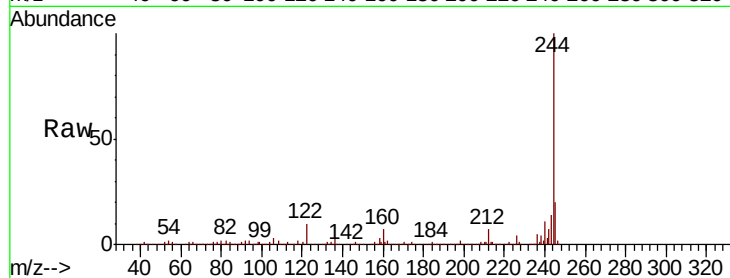
Tot Ion:244 Resp: 1361110

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

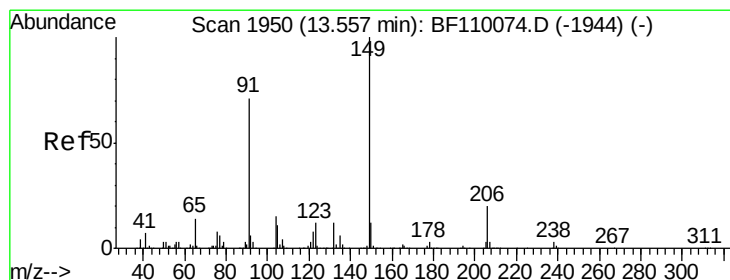
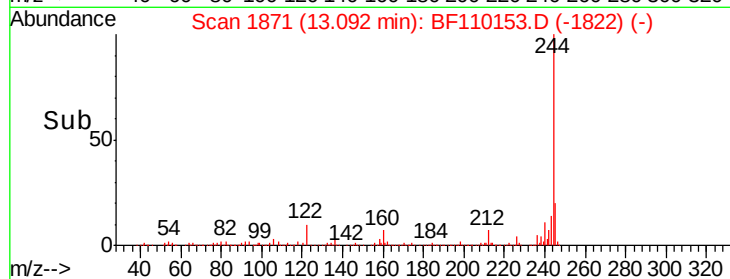
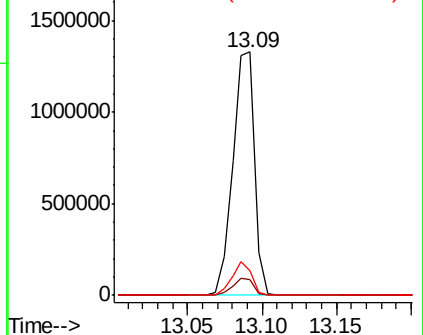
122 10.3 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.227 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

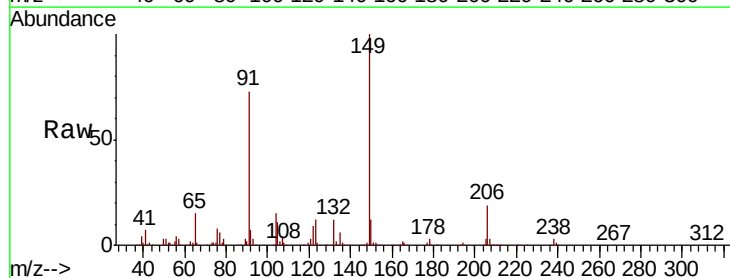
Tgt Ion:149 Resp: 482408

Ion Ratio Lower Upper

149 100

91 72.5 57.2 85.8

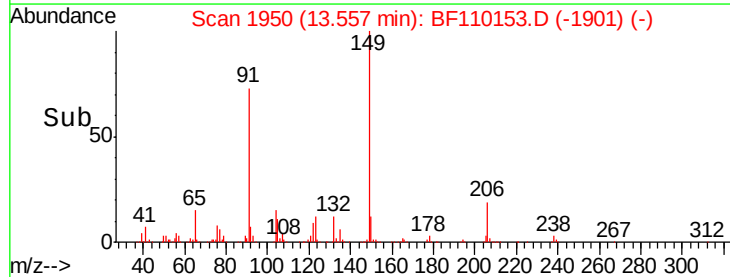
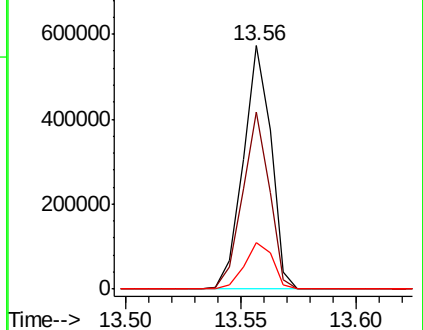
206 19.2 15.7 23.5

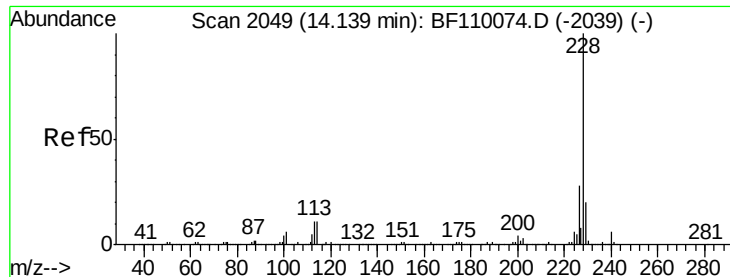


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

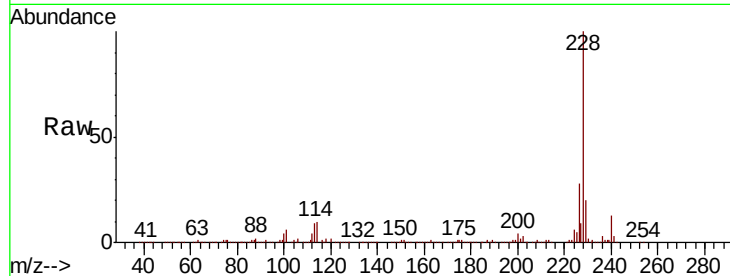




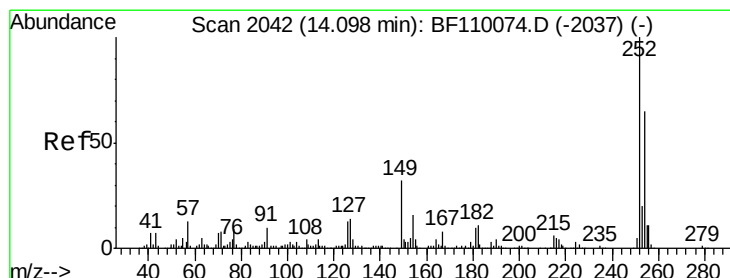
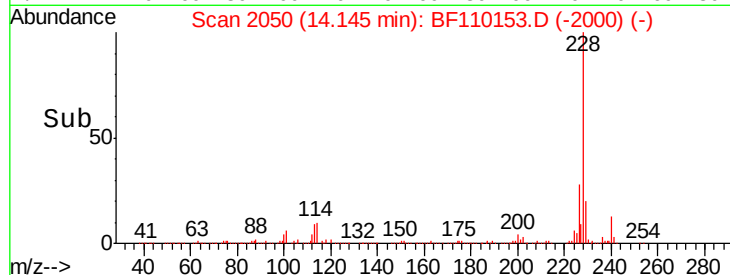
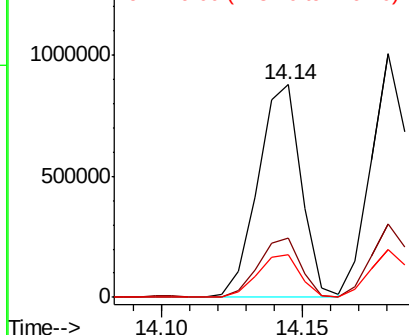
#81
Benzo(a)anthracene
Concen: 37.796 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 933420
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.0 15.6 23.4

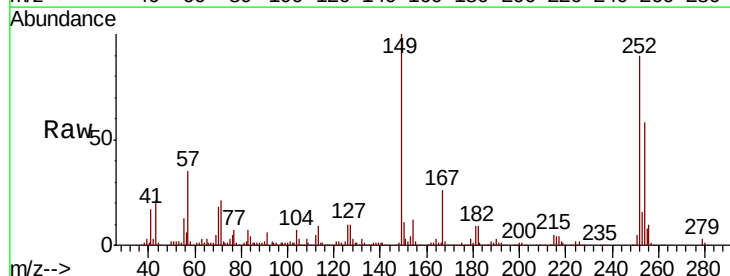


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

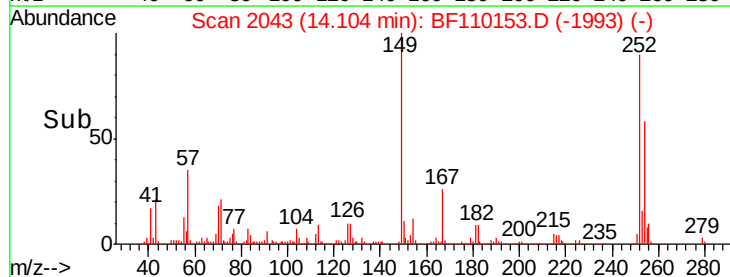
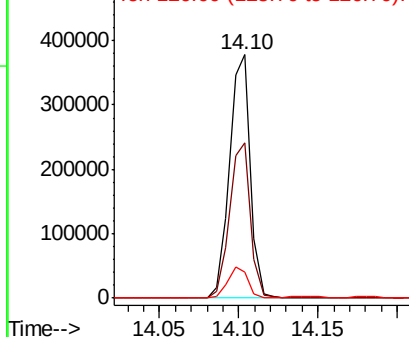


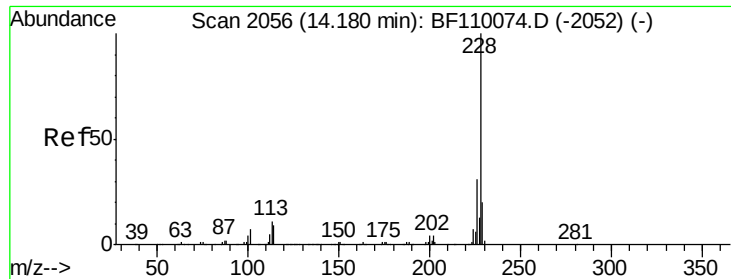
#82
3,3'-Dichlorobenzidine
Concen: 39.972 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:252 Resp: 343740
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 10.8 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: 37.511 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampled :

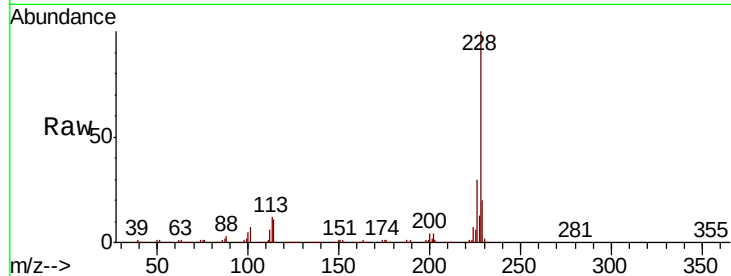
Tot Ion:228 Resp: 879874

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

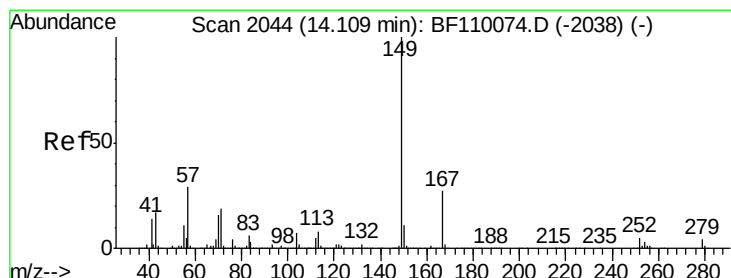
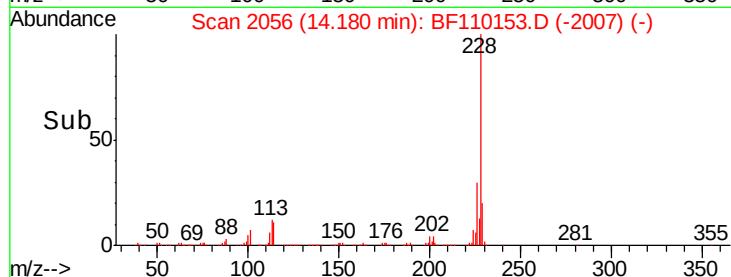
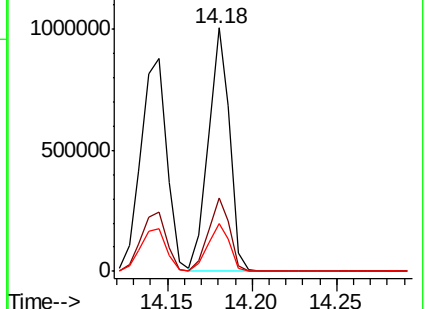
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.570 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

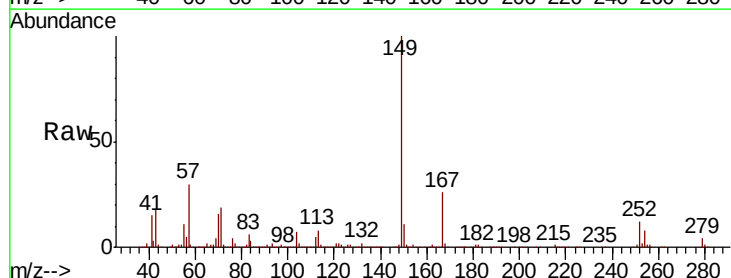
Tgt Ion:149 Resp: 658125

Ion Ratio Lower Upper

149 100

167 26.4 19.8 29.8

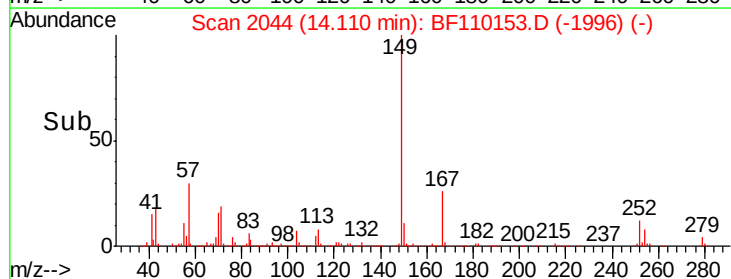
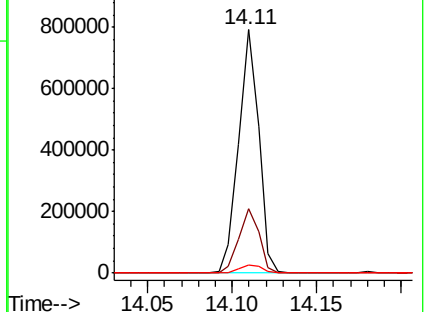
279 3.6 2.7 4.1

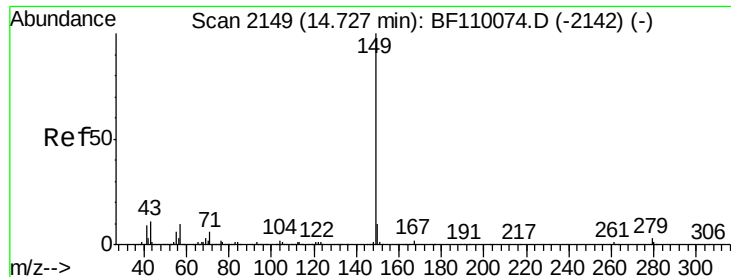


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

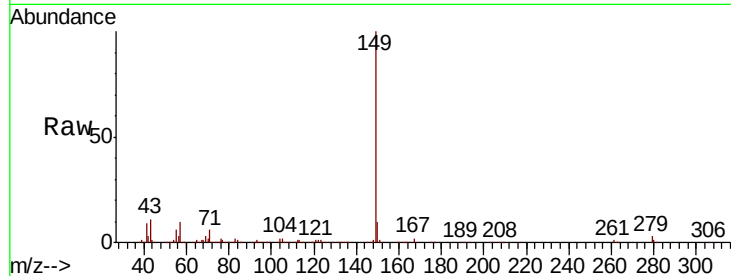




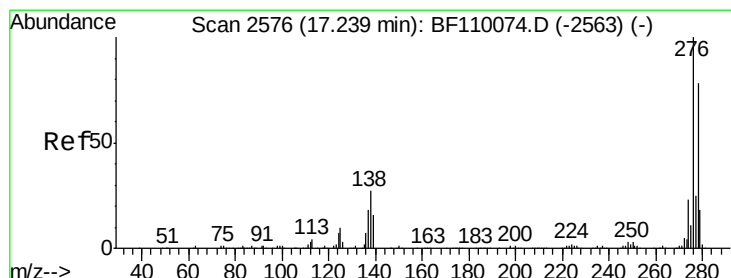
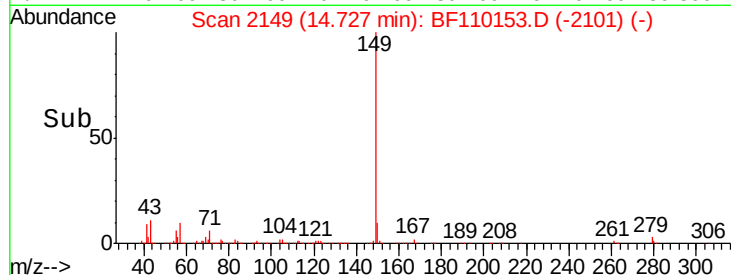
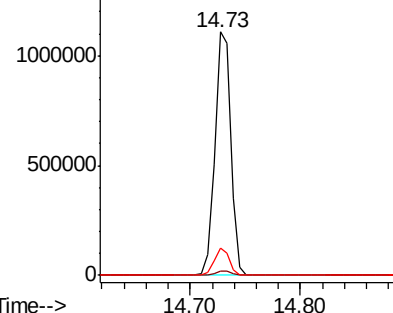
#85
Di-n-octyl phthalate
Concen: 41.150 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1120841
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8

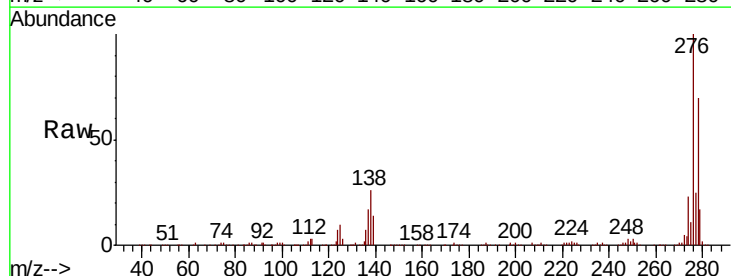


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

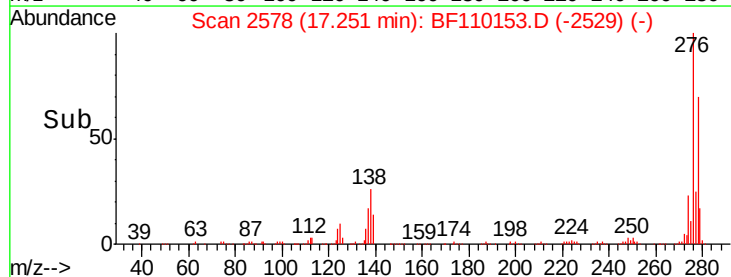
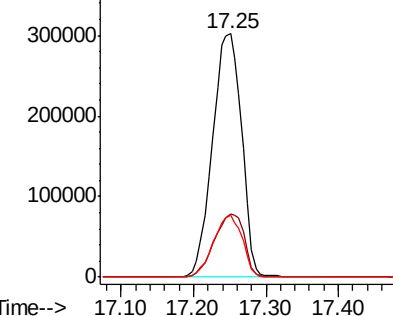


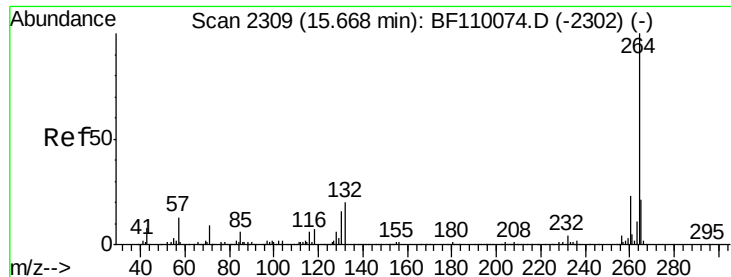
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.346 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:276 Resp: 843484
Ion Ratio Lower Upper
276 100
138 27.0 18.5 27.7
277 24.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

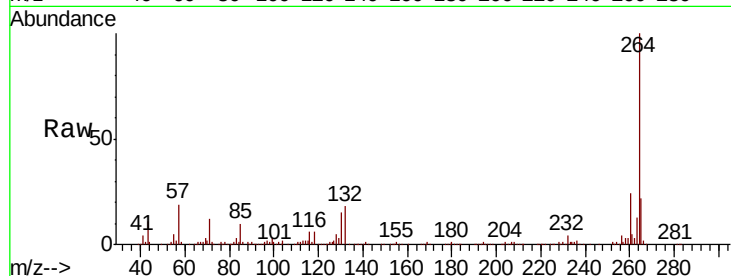
Tot Ion:264 Resp: 397784

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.9 16.7 25.1

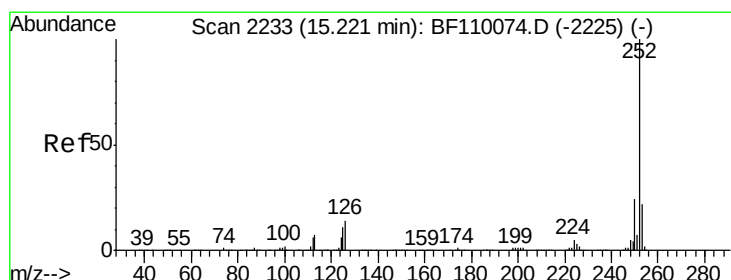
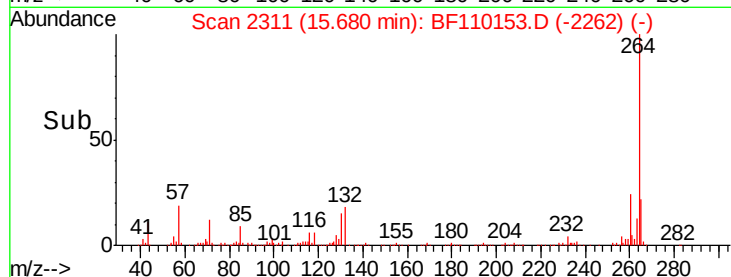
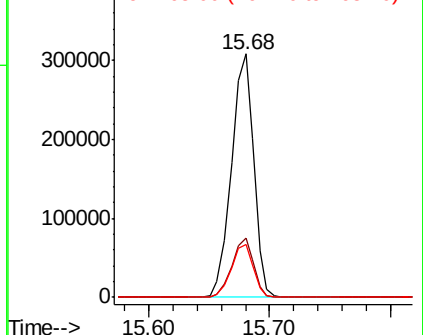


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.264 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

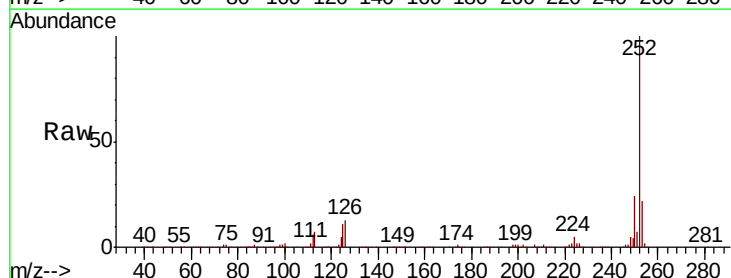
Tgt Ion:252 Resp: 855972

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 10.6 8.2 12.4

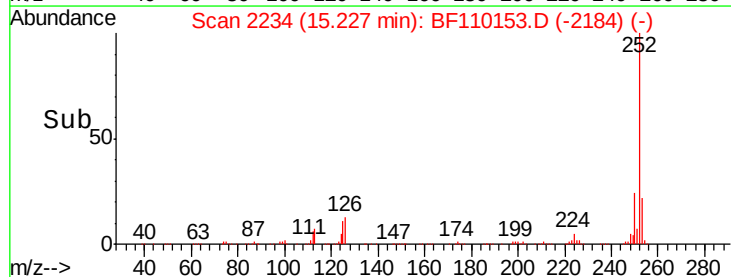
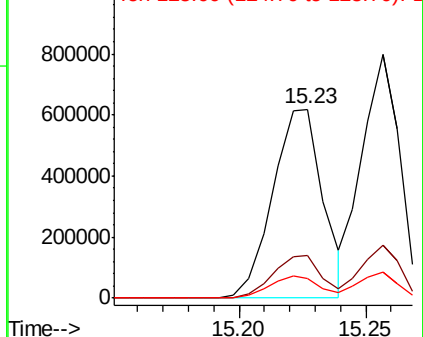


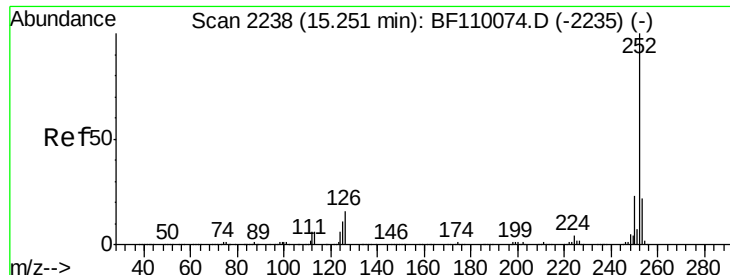
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.037 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

Instrument :

BNA_F

ClientSampleId :

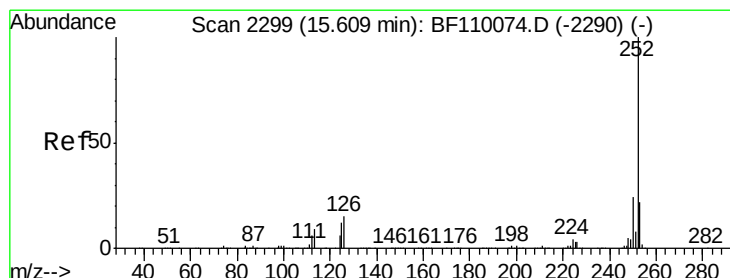
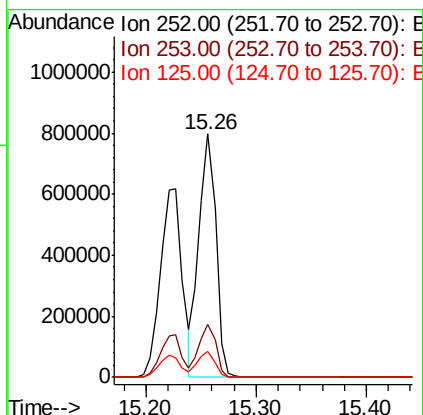
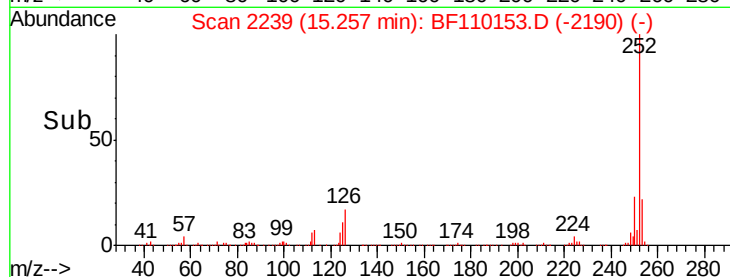
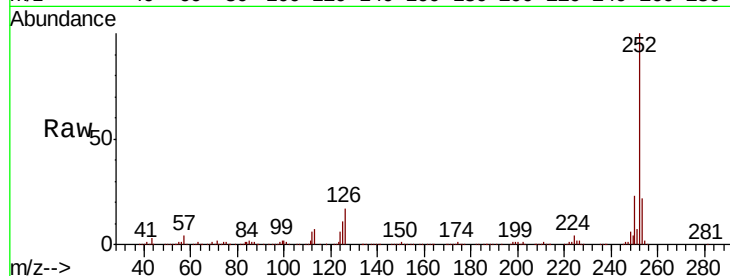
Tot Ion:252 Resp: 836391

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 10.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 38.406 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF110153.D

Acq: 25 Oct 2018 11:21

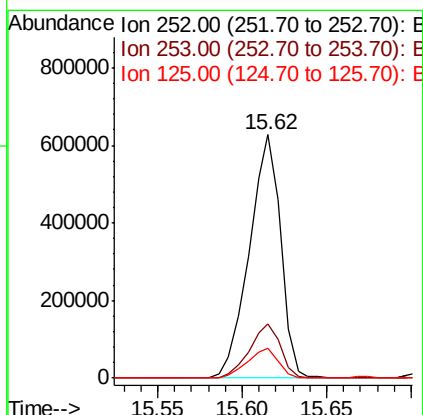
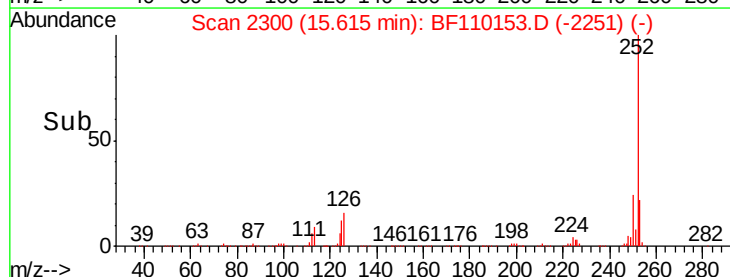
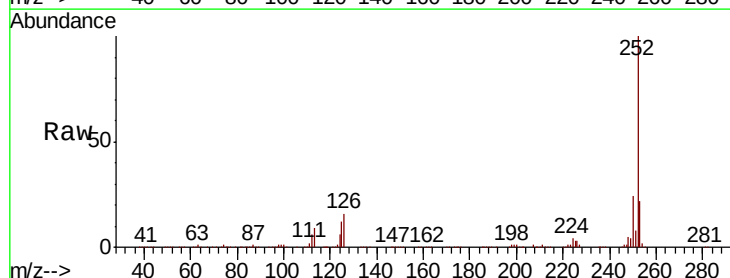
Tgt Ion:252 Resp: 811780

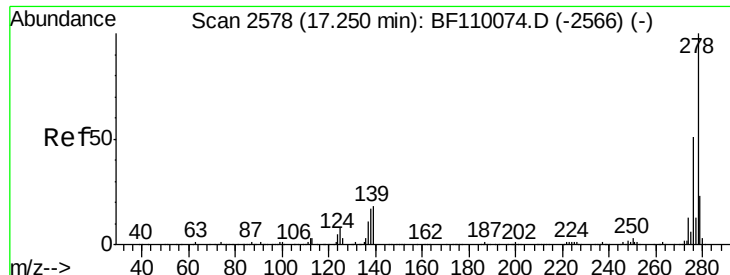
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

125 12.2 9.0 13.6



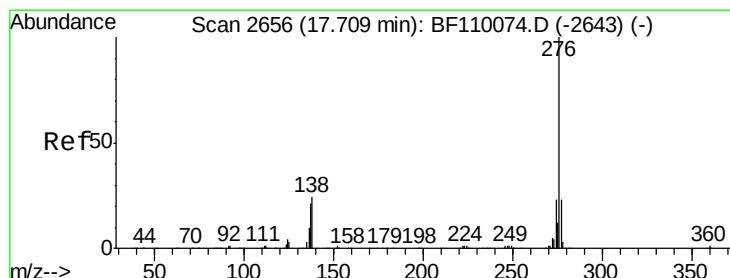
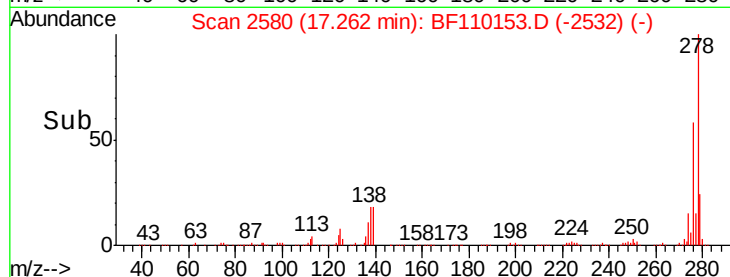
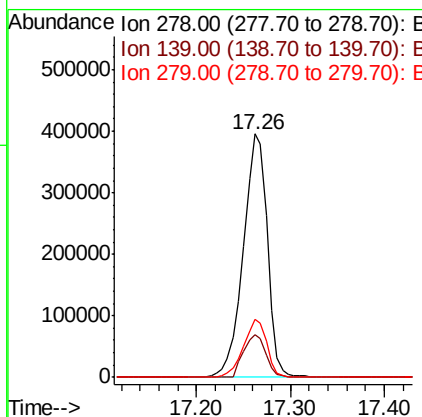
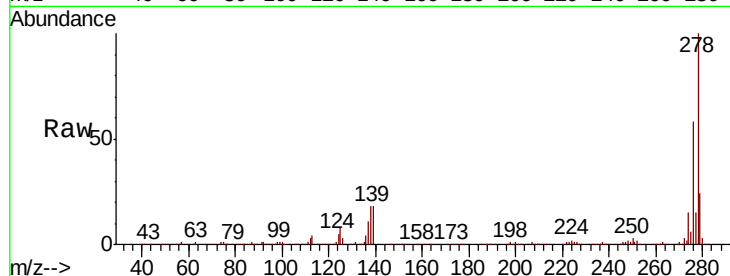


#91
Dibenzo(a,h)anthracene
Concen: 38.530 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 702712

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.7	19.1
279	23.6	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 37.718 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF110153.D
Acq: 25 Oct 2018 11:21

Tgt Ion:276 Resp: 677862

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.8	16.0	24.0

