

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110167.D
 Acq On : 25 Oct 2018 18:22
 Operator : JU/SJ
 Sample : J5636-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:15:59 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	140121	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	572947	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	275104	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	499735	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	284396	20.00	ng	-0.01
87) Perylene-d12	15.67	264	257140	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1052023	122.26	ng	0.00
7) Phenol-d6	6.60	99	1352641	122.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	852489	88.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	332085	121.86	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1451458	82.85	ng	-0.01
79) Terphenyl-d14	13.09	244	1253894	91.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	115438	25.607	ng	92
3) Pyridine	3.66	79	332405	33.105	ng	88
4) n-Nitrosodimethylamine	3.61	42	170651	40.566	ng	93
6) Aniline	6.63	93	337600	23.548	ng	# 53
8) 2-Chlorophenol	6.76	128	360368	36.326	ng	98
9) Benzaldehyde	6.52	77	183053	25.894	ng	94
10) Phenol	6.61	94	511591	43.486	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	333609	34.468	ng	96
12) 1,3-Dichlorobenzene	6.91	146	369038	33.803	ng	96
13) 1,4-Dichlorobenzene	6.99	146	376049	34.058	ng	99
14) 1,2-Dichlorobenzene	7.14	146	349019	34.051	ng	99
15) Benzyl Alcohol	7.10	79	323365	38.201	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	548204	35.424	ng	68
17) 2-Methylphenol	7.21	107	298954	37.813	ng	# 80
18) Hexachloroethane	7.48	117	137287	33.962	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	246706	34.940	ng	95
20) 3+4-Methylphenols	7.36	107	378124	37.000	ng	96
22) Acetophenone	7.37	105	497025	37.648	ng	# 98
24) Nitrobenzene	7.55	77	372652	37.366	ng	94
25) Isophorone	7.79	82	688368	41.805	ng	96
26) 2-Nitrophenol	7.86	139	189331	39.895	ng	97
27) 2,4-Dimethylphenol	7.89	122	332739	42.289	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	432161	38.634	ng	100
29) 2,4-Dichlorophenol	8.10	162	304668	38.327	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	314615	35.334	ng	94
31) Naphthalene	8.27	128	1042839	39.492	ng	100
32) Benzoic acid	7.89	122	332739	54.715	ng	# 11
33) 4-Chloroaniline	8.32	127	185282	15.590	ng	98
34) Hexachlorobutadiene	8.38	225	169358	34.256	ng	99
35) Caprolactam	8.69	113	46008	16.606	ng	89
36) 4-Chloro-3-methylphenol	8.80	107	327051	38.047	ng	93
37) 2-Methylnaphthalene	8.96	142	707683	40.505	ng	99
38) 1-Methylnaphthalene	9.06	142	668189	39.576	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	296280	34.565	ng	98

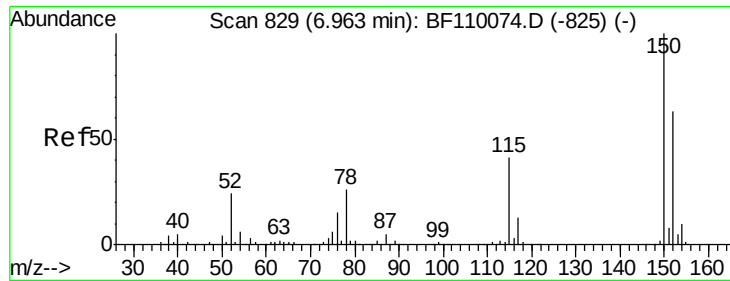
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110167.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	236441	53.945	ng	98
43) 2,4,6-Trichlorophenol	9.24	196	206424	37.337	ng	96
44) 2,4,5-Trichlorophenol	9.28	196	219857	37.621	ng	96
46) 1,1'-Biphenyl	9.43	154	854481	34.348	ng	100
47) 2-Chloronaphthalene	9.46	162	642521	35.210	ng	99
48) 2-Nitroaniline	9.55	65	212707	38.465	ng	95
49) Acenaphthylene	9.87	152	1025863	38.922	ng	98
50) Dimethylphthalate	9.73	163	922935	45.448	ng	99
51) 2,6-Dinitrotoluene	9.79	165	171235	39.146	ng	96
52) Acenaphthene	10.05	154	625024	35.846	ng	98
53) 3-Nitroaniline	9.96	138	130318	25.052	ng	89
54) 2,4-Dinitrophenol	10.07	184	23774	17.983	ng	87
55) Dibenzofuran	10.22	168	889031	36.417	ng	97
56) 4-Nitrophenol	10.13	139	366988	95.321	ng	91
57) 2,4-Dinitrotoluene	10.20	165	229616	41.326	ng	# 88
58) Fluorene	10.56	166	699526	38.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	166393	34.932	ng	97
60) Diethylphthalate	10.43	149	741626	37.412	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	329115	34.338	ng	97
62) 4-Nitroaniline	10.58	138	174164	33.663	ng	93
63) Azobenzene	10.71	77	707913	35.977	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	53197	23.300	ng	87
66) n-Nitrosodiphenylamine	10.67	169	621252	37.901	ng	96
67) 4-Bromophenyl-phenylether	11.04	248	197305	36.399	ng	# 89
68) Hexachlorobenzene	11.11	284	197977	34.422	ng	# 93
69) Atrazine	11.19	200	200669	38.739	ng	100
70) Pentachlorophenol	11.30	266	173141	51.626	ng	95
71) Phenanthrene	11.53	178	1070189	40.927	ng	100
72) Anthracene	11.58	178	1047846	39.979	ng	99
73) Carbazole	11.73	167	870512	34.017	ng	99
74) Di-n-butylphthalate	12.05	149	1089220	37.686	ng	99
75) Fluoranthene	12.72	202	959758	36.166	ng	98
77) Benzidine	12.84	184	300103	33.116	ng	96
78) Pyrene	12.95	202	956985	46.937	ng	98
80) Butylbenzylphthalate	13.56	149	380947	43.047	ng	97
81) Benzo(a)anthracene	14.14	228	663399	39.335	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	156136	26.586	ng	100
83) Chrysene	14.17	228	607103	37.900	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	519945	43.463	ng	96
85) Di-n-octyl phthalate	14.73	149	753065	40.484	ng	# 99
86) Indeno(1,2,3-cd)pyrene	17.24	276	532969	40.106	ng	95
88) Benzo(b)fluoranthene	15.22	252	562216	37.862	ng	99
89) Benzo(k)fluoranthene	15.22	252	562216	38.513	ng	99
90) Benzo(a)pyrene	15.61	252	523430	38.309	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	454328	38.537	ng	99
92) Benzo(g,h,i)perylene	17.71	276	415124	35.733	ng	97

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

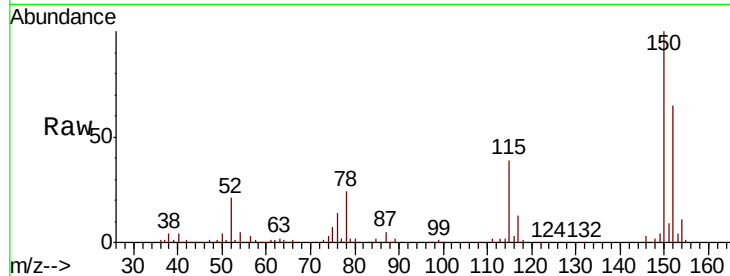


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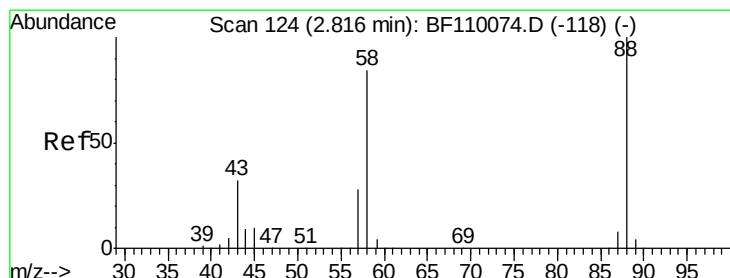
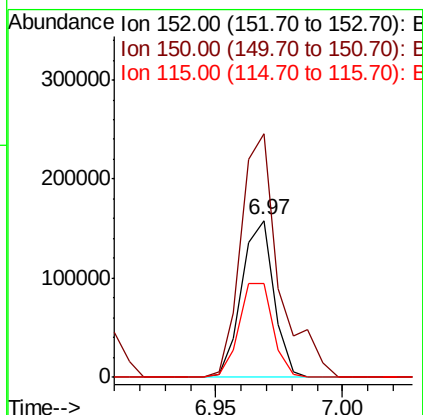
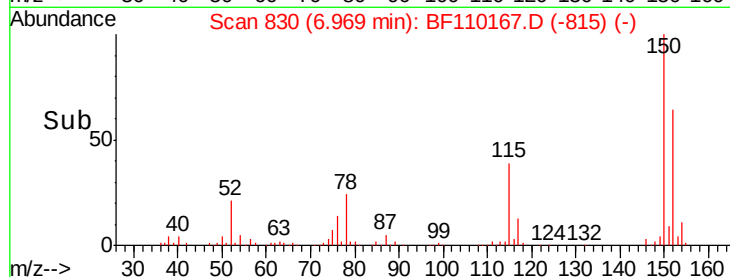
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140121
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 60.2 49.1 73.7



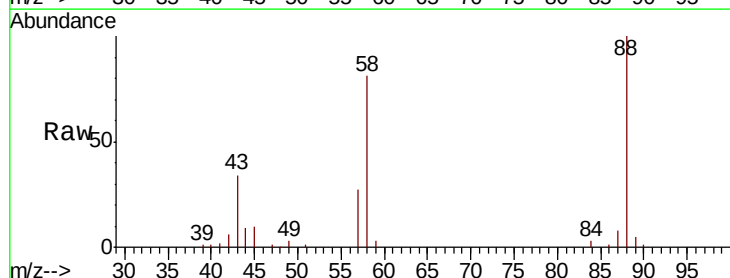
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



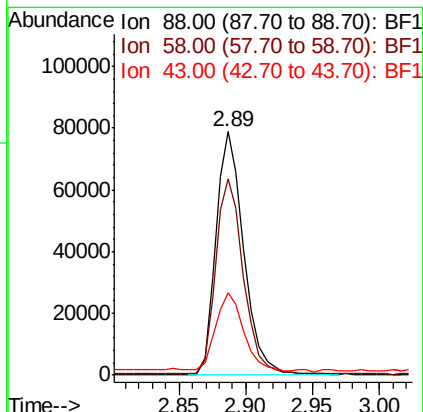
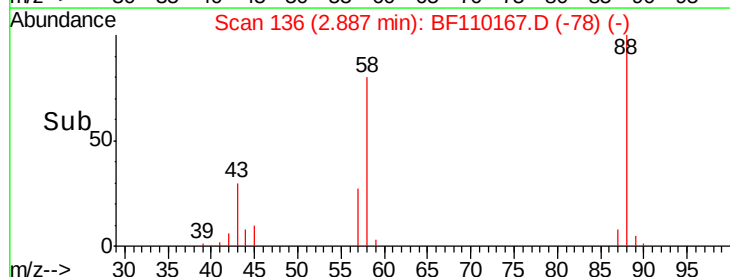
#2

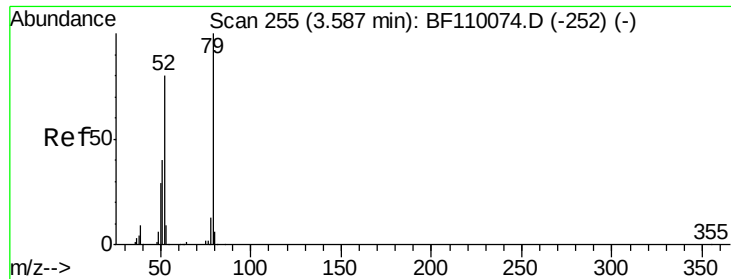
1,4-Dioxane
Concen: 25.607 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.04 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion: 88 Resp: 115438
Ion Ratio Lower Upper
88 100
58 79.5 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: 33.105 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

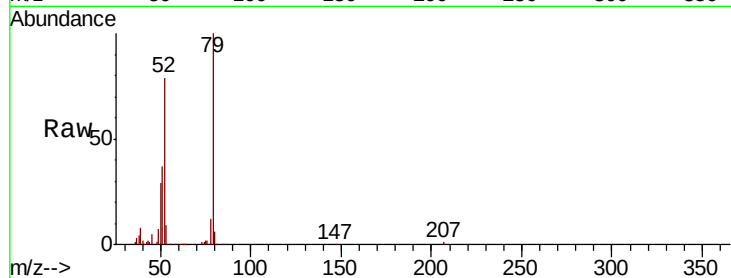
Tot Ion: 79 Resp: 332405

Ion Ratio Lower Upper

79 100

52 78.6 53.1 79.7

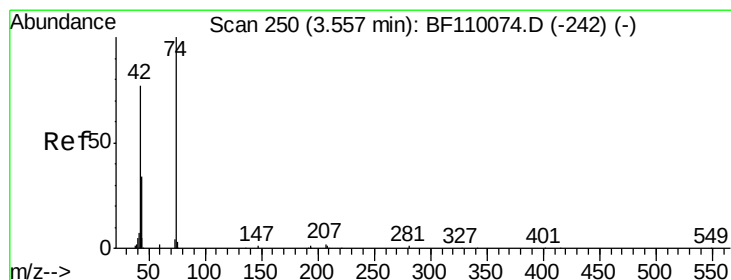
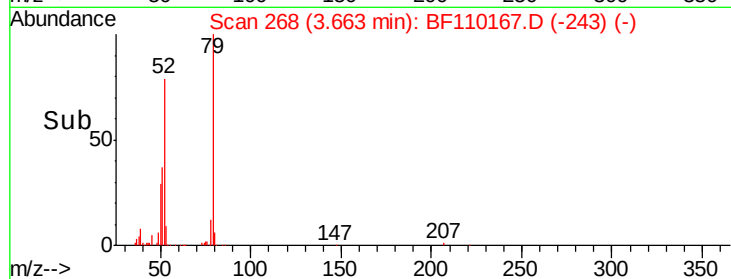
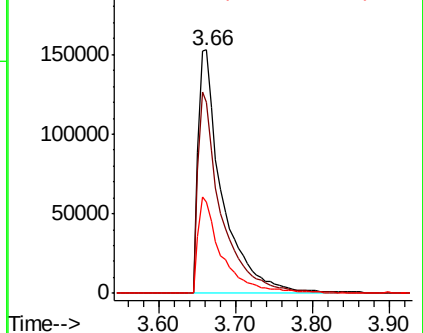
51 37.3 27.4 41.2



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: 40.566 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.03 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

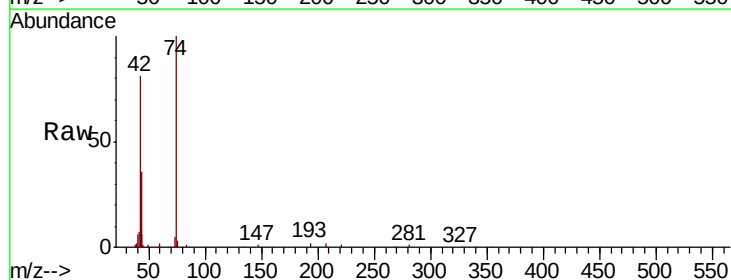
Tgt Ion: 42 Resp: 170651

Ion Ratio Lower Upper

42 100

74 123.0 105.5 158.3

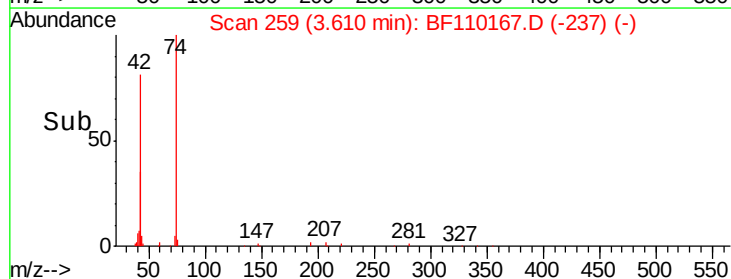
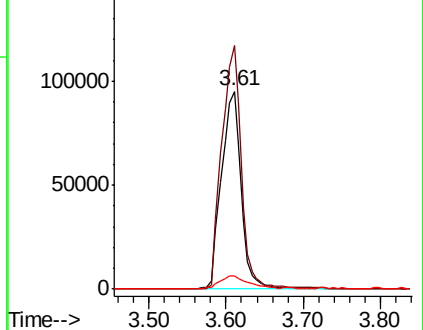
44 7.0 4.9 7.3

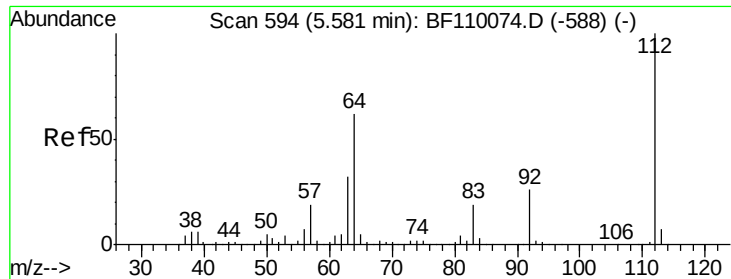


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.264 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampled :

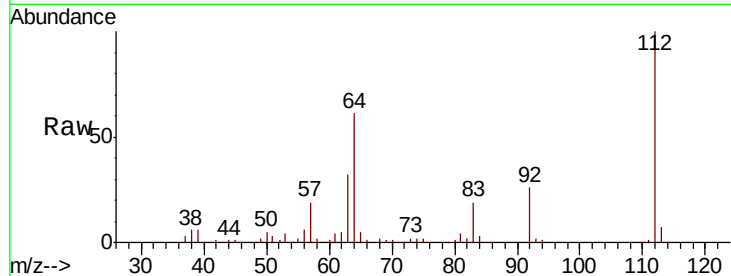
Tot Ion:112 Resp: 1052023

Ion Ratio Lower Upper

112 100

64 60.5 44.1 66.1

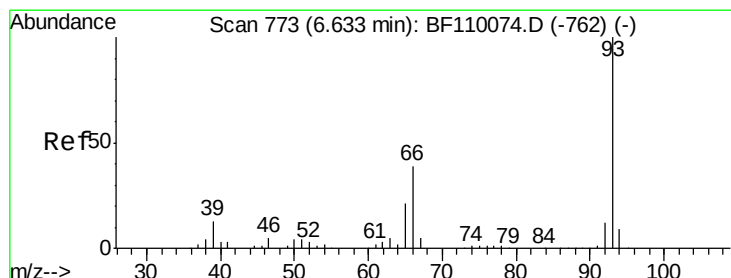
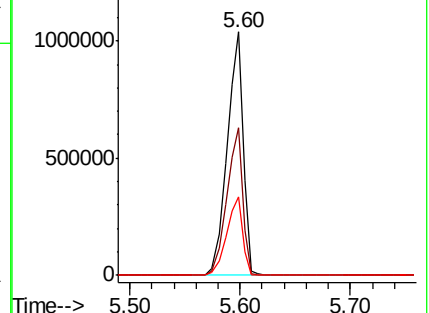
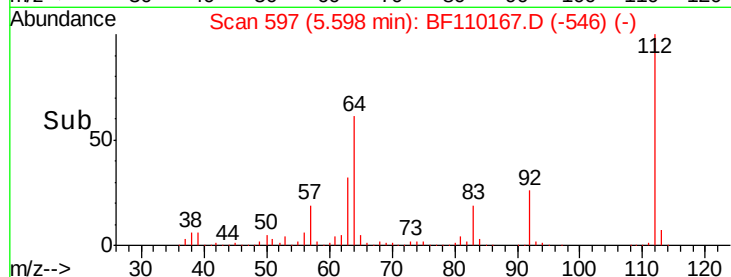
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.548 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

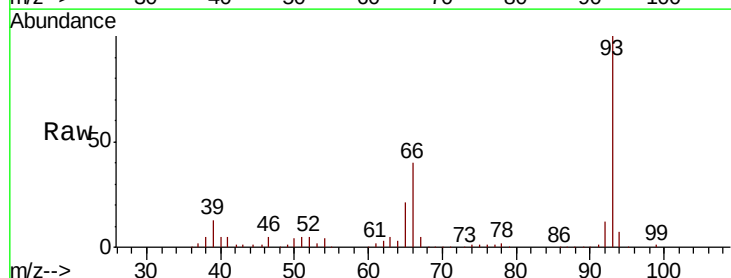
Tgt Ion: 93 Resp: 337600

Ion Ratio Lower Upper

93 100

66 39.6 67.4 101.0#

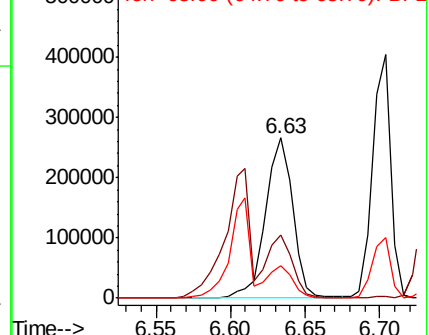
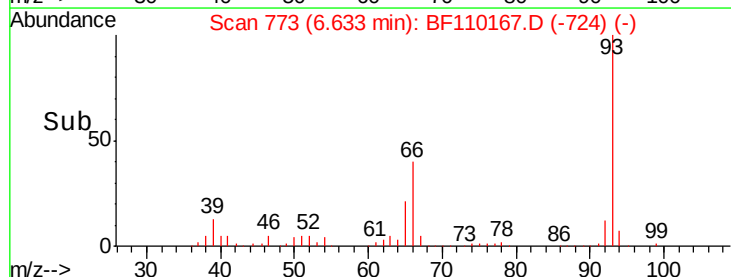
65 20.6 41.0 61.4#

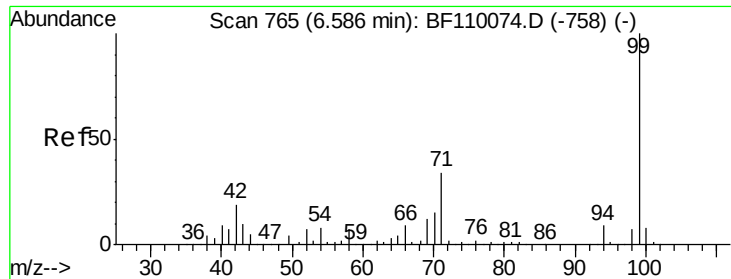


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.902 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampled :

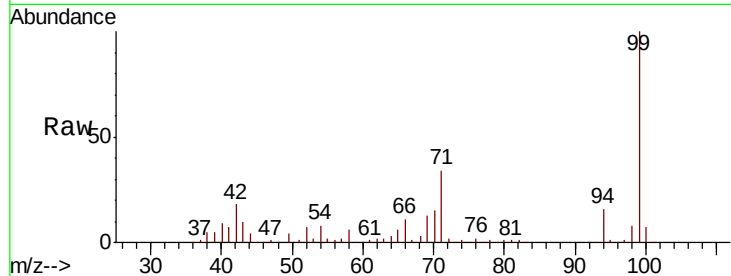
Tot Ion: 99 Resp: 1352641

Ion Ratio Lower Upper

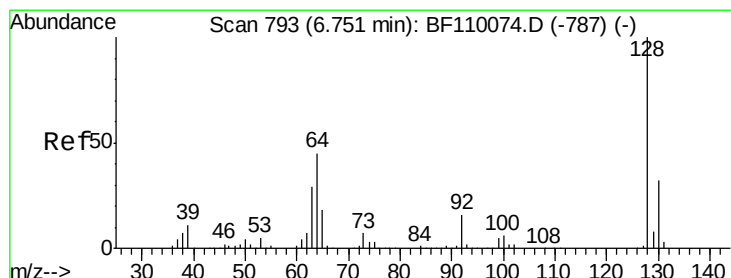
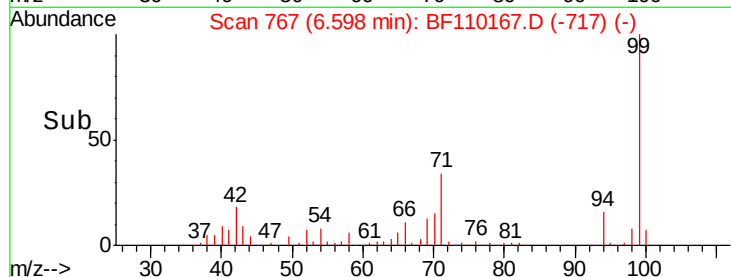
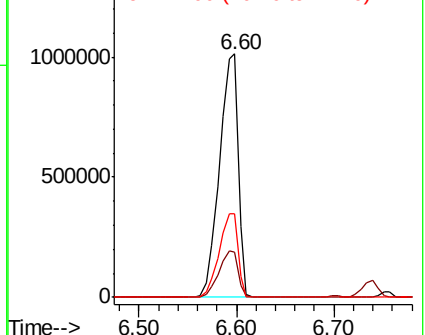
99 100

42 18.5 15.8 23.6

71 34.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.326 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

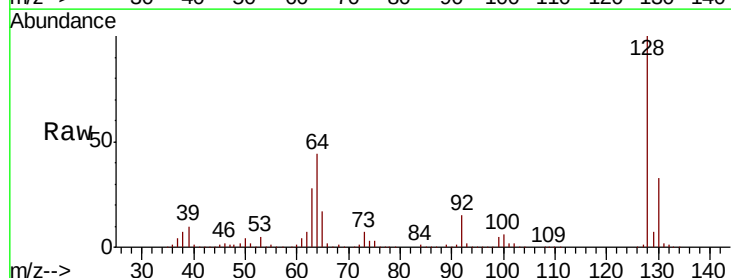
Tgt Ion: 128 Resp: 360368

Ion Ratio Lower Upper

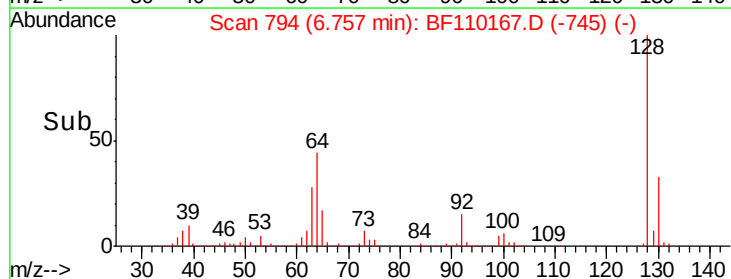
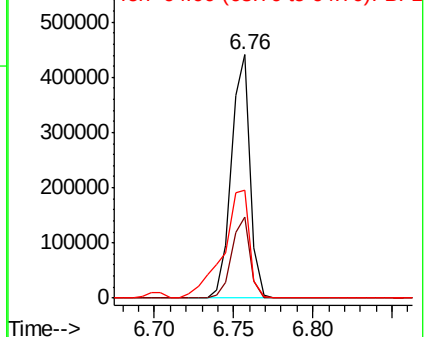
128 100

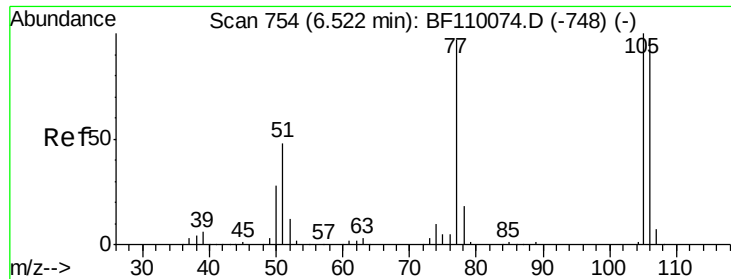
130 33.2 13.1 53.1

64 44.4 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: 25.894 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampled :

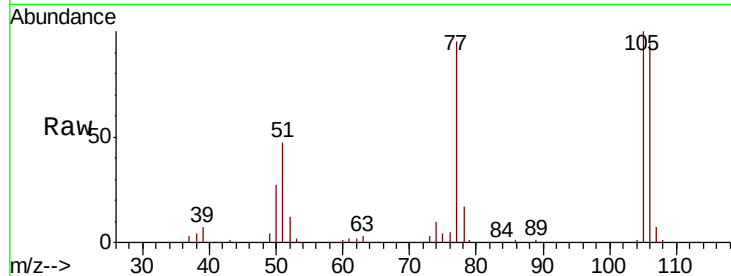
Tot Ion: 77 Resp: 183053

Ion Ratio Lower Upper

77 100

105 105.5 78.6 118.6

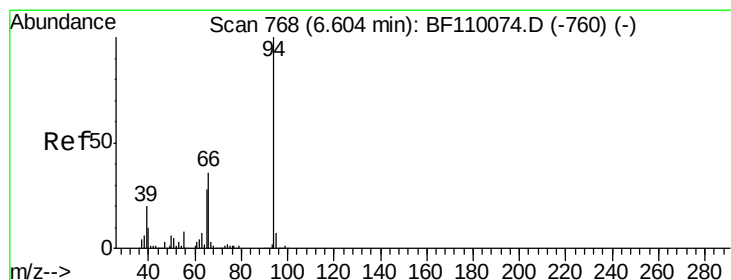
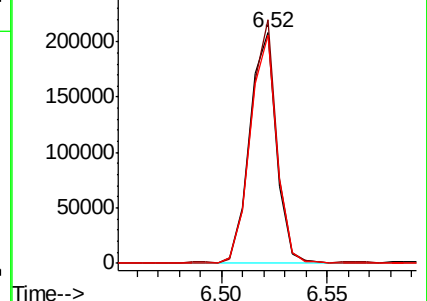
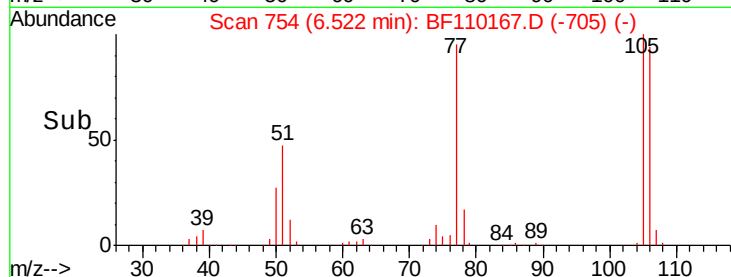
106 99.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.486 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

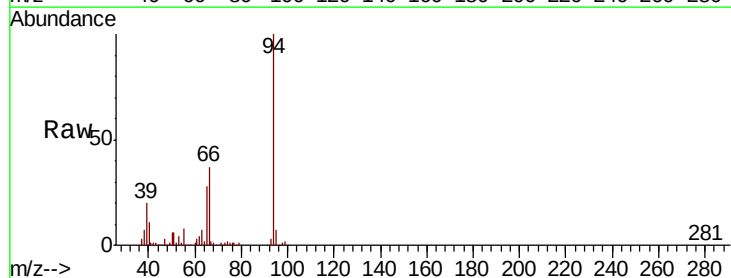
Tgt Ion: 94 Resp: 511591

Ion Ratio Lower Upper

94 100

65 28.2 25.3 65.3

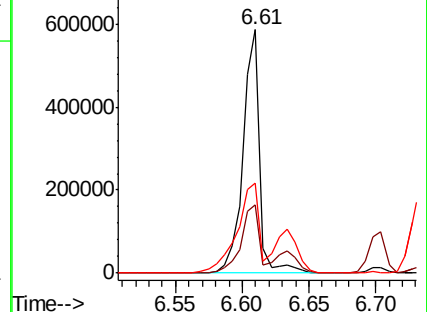
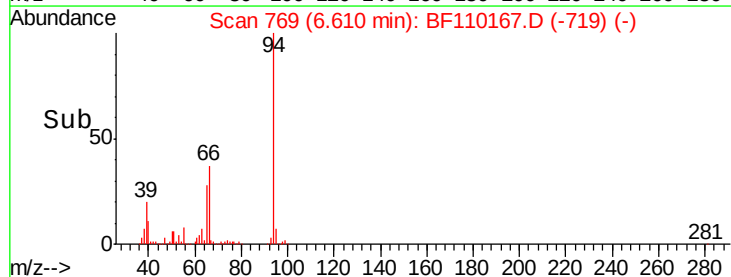
66 36.8 54.5 94.5#

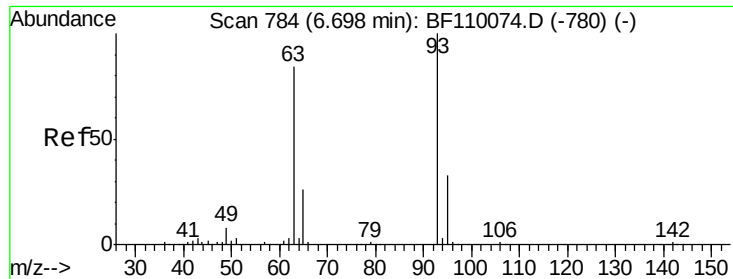


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

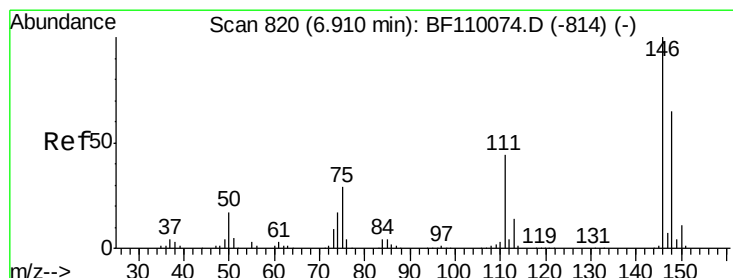
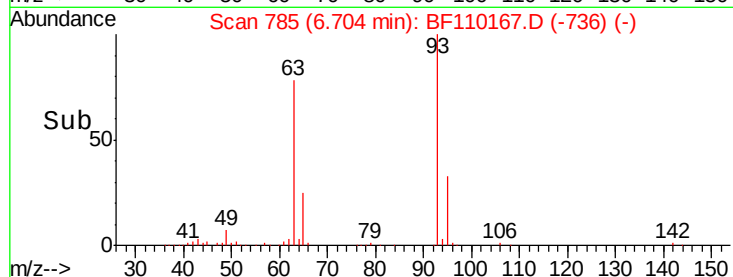
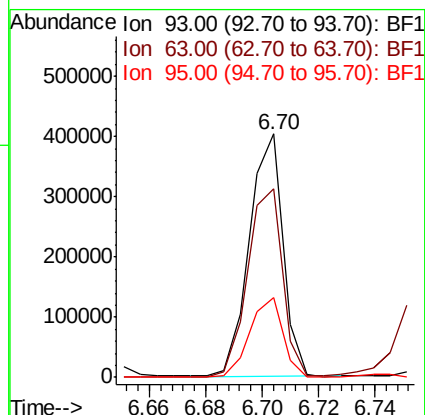
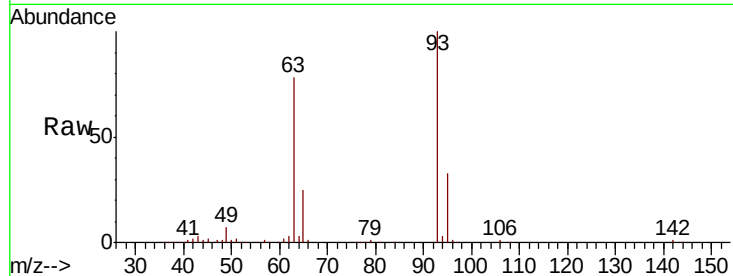




#11
bis(2-Chloroethyl)ether
Concen: 34.468 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

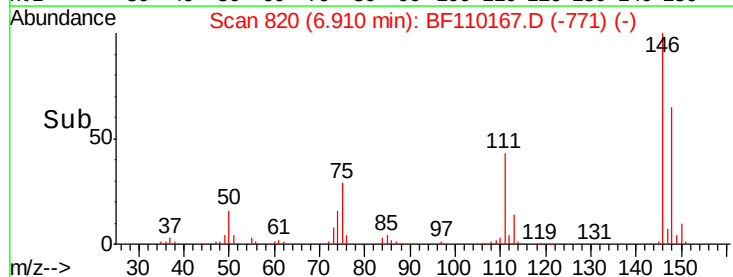
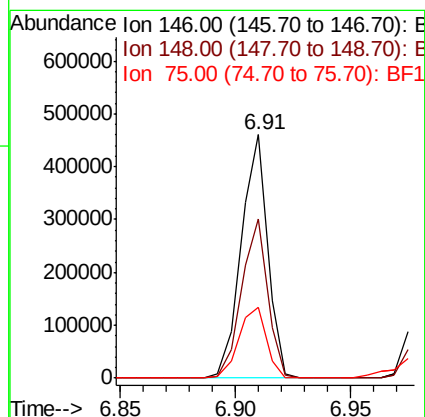
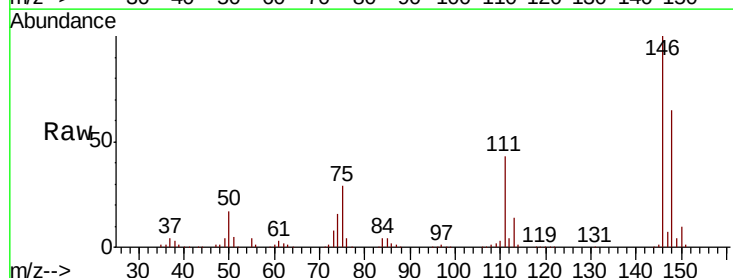
Instrument :
BNA_F
ClientSampled :

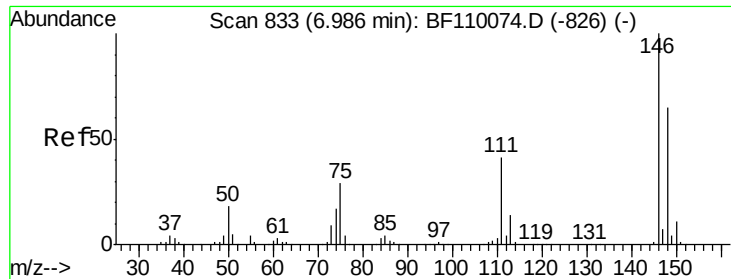
Tot Ion: 93 Resp: 333609
Ion Ratio Lower Upper
93 100
63 77.5 53.4 93.4
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 33.803 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion: 146 Resp: 369038
Ion Ratio Lower Upper
146 100
148 65.3 50.4 75.6
75 29.2 25.8 38.6

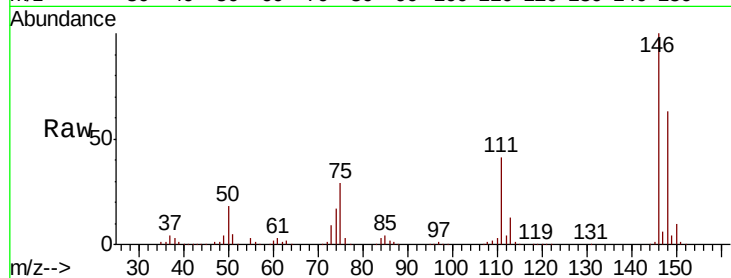




#13
 1,4-Dichlorobenzene
 Concen: 34.058 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	146	Resp	376049
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.3	75.5
111	41.3	32.7	49.1

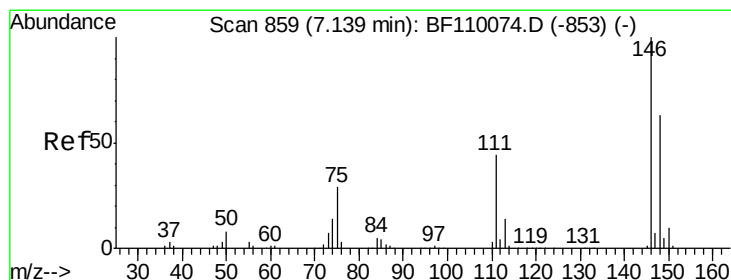
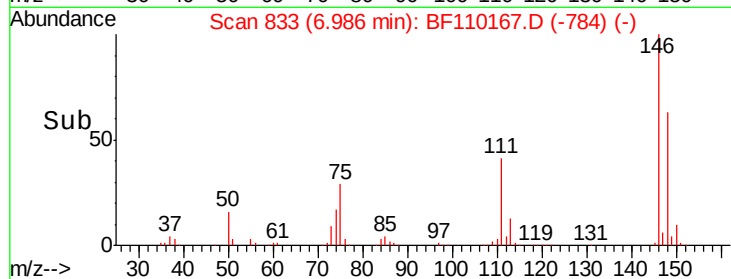
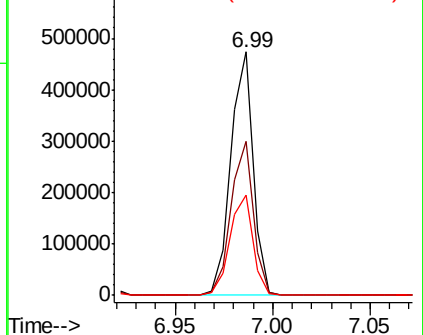


Abundance

Ion 146.00 (145.70 to 146.70): E

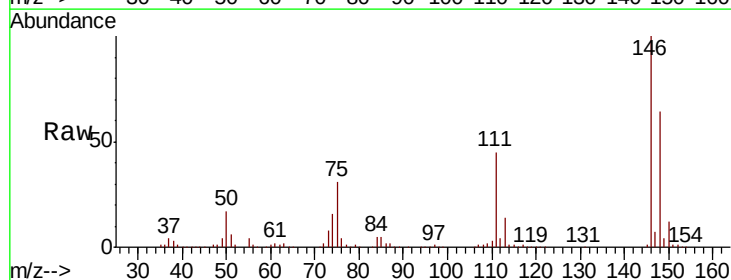
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 34.051 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	146	Resp	349019
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.1	76.7
111	45.1	35.8	53.6

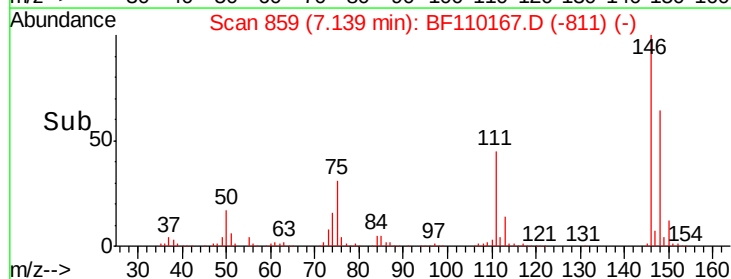
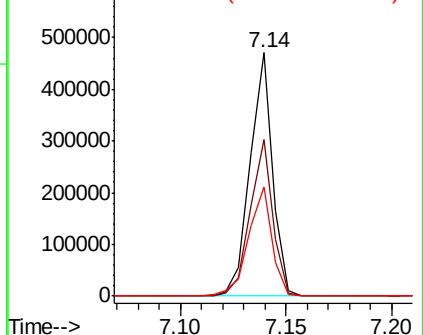


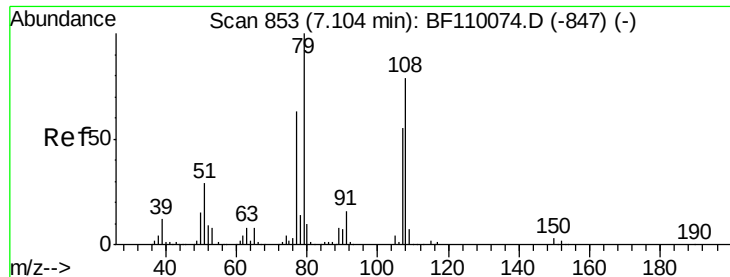
Abundance

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: 38.201 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

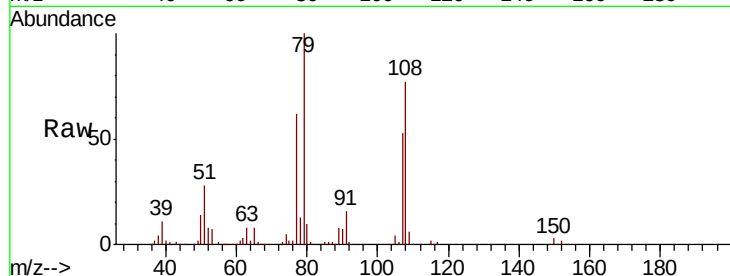
Tot Ion: 79 Resp: 323365

Ion Ratio Lower Upper

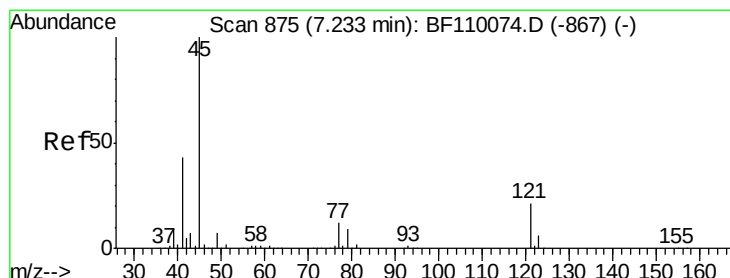
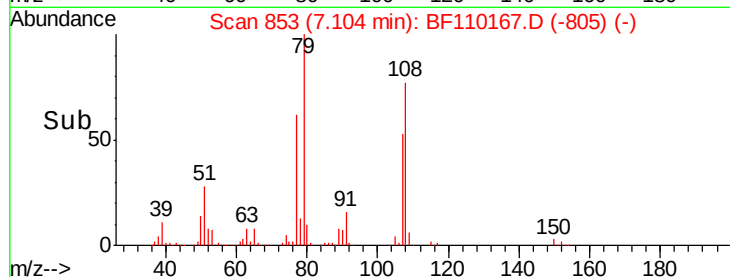
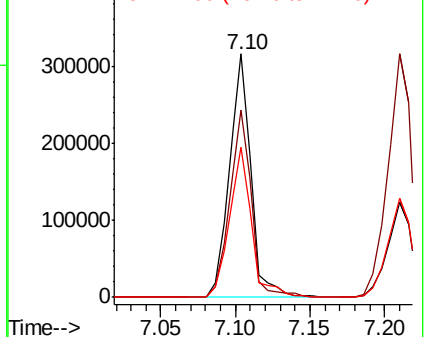
79 100

108 77.3 56.3 84.5

77 61.9 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.424 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

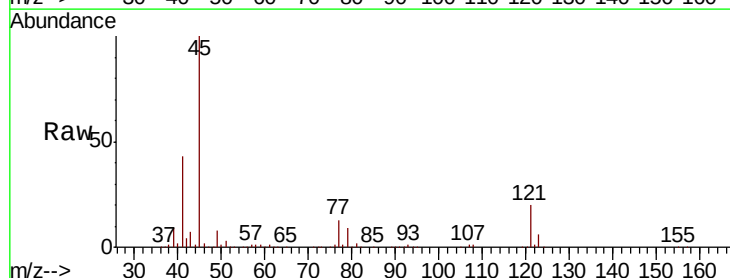
Tgt Ion: 45 Resp: 548204

Ion Ratio Lower Upper

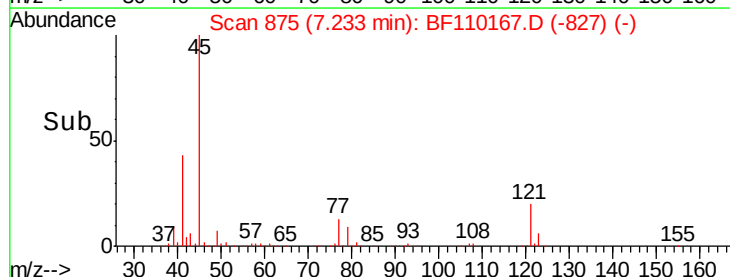
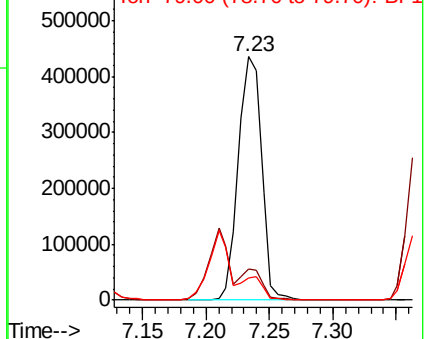
45 100

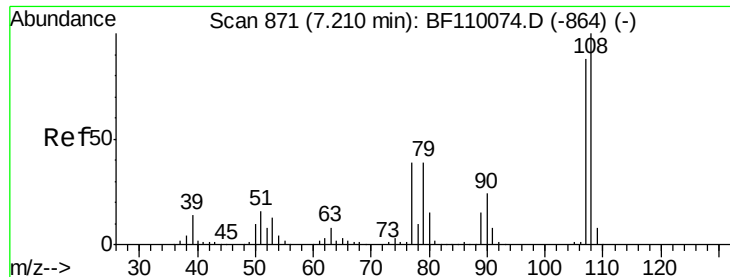
77 13.0 10.0 50.0

79 9.3 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.813 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 298954

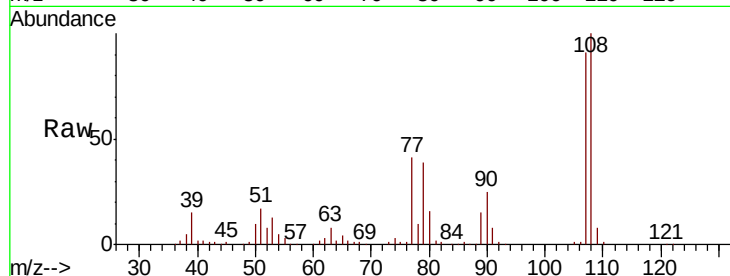
Ion Ratio Lower Upper

107 100

108 110.0 92.6 138.8

77 44.7 59.4 89.2#

79 43.1 54.0 81.0#



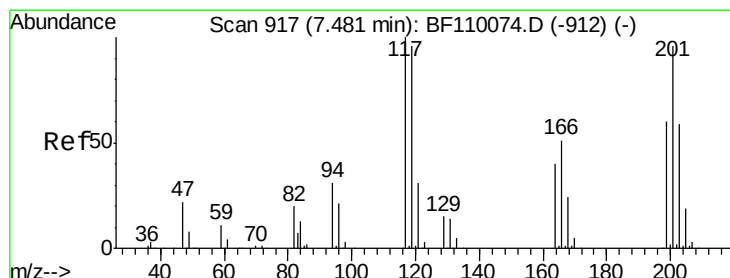
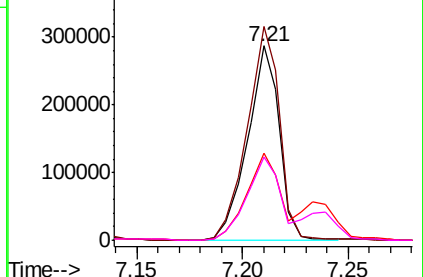
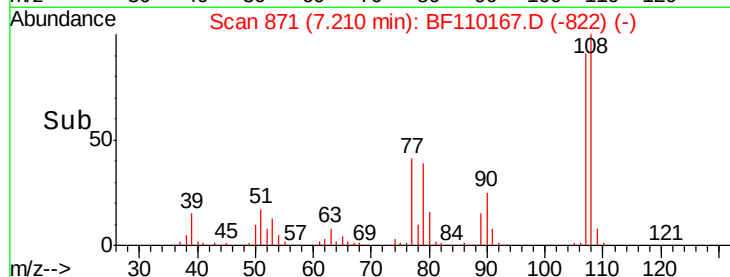
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.962 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

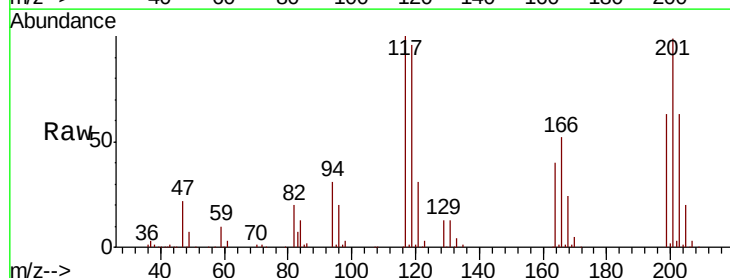
Tgt Ion:117 Resp: 137287

Ion Ratio Lower Upper

117 100

119 95.7 75.0 112.6

201 99.2 79.2 118.8

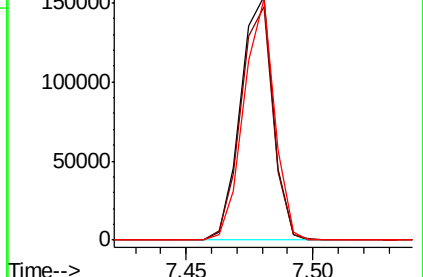
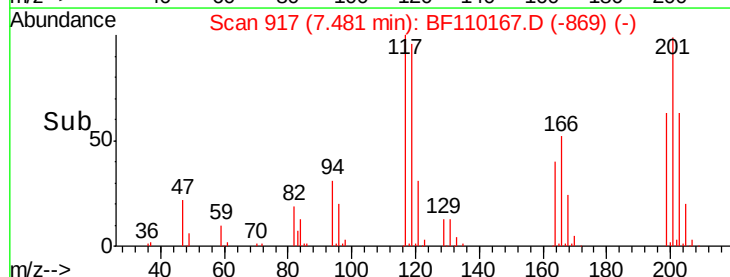


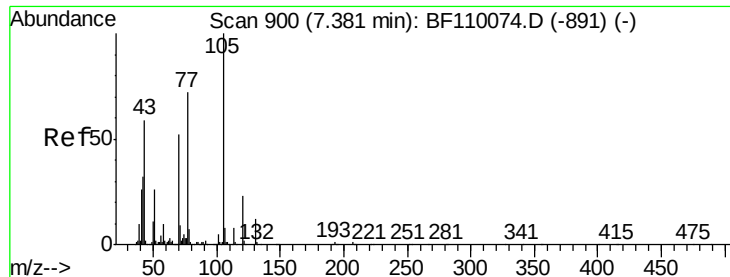
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

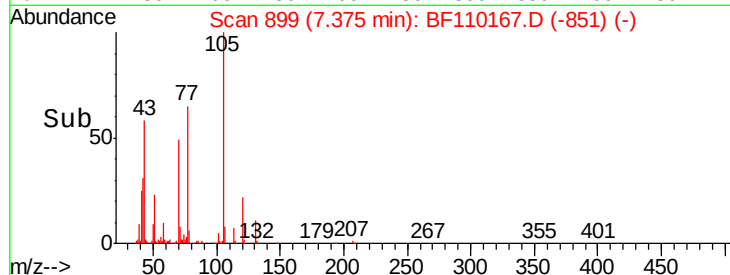
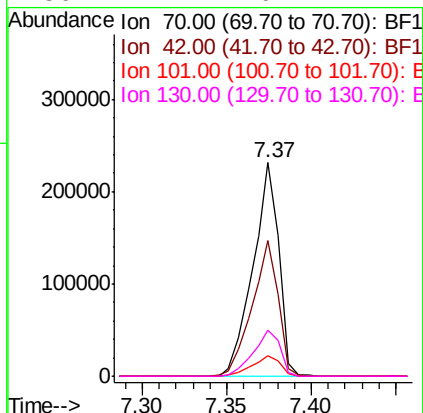
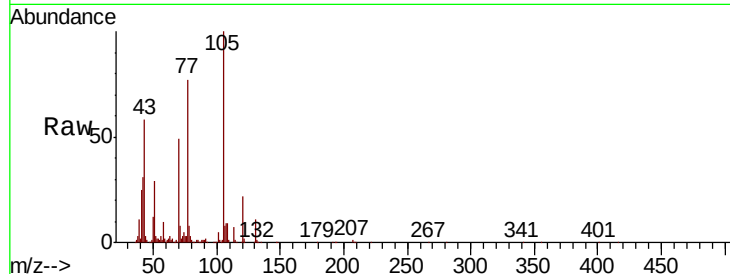




#19
n-Nitroso-di-n-propylamine
Concen: 34.940 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

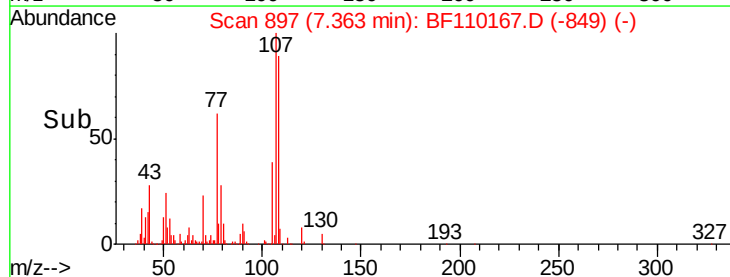
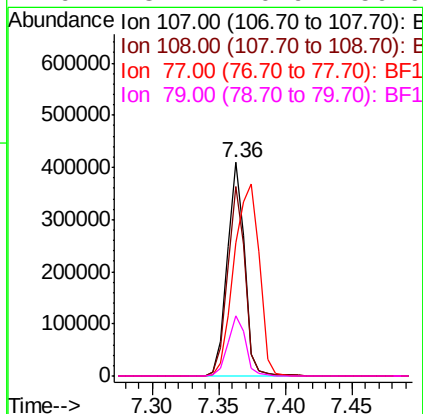
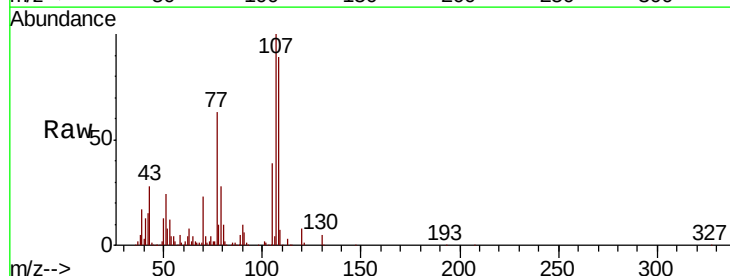
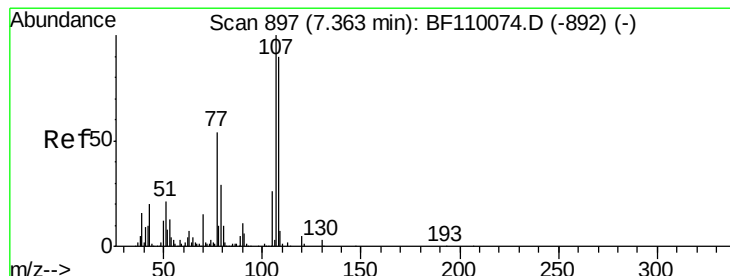
Instrument :
BNA_F
ClientSampleId :

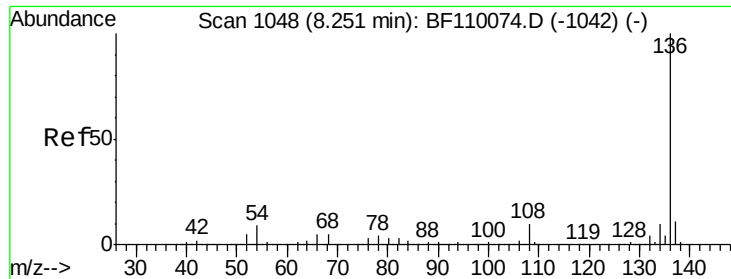
Tot Ion: 70 Resp: 246706
Ion Ratio Lower Upper
70 100
42 63.5 47.4 71.2
101 9.9 7.3 10.9
130 21.7 16.2 24.2



#20
3+4-Methylphenols
Concen: 37.000 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion: 107 Resp: 378124
Ion Ratio Lower Upper
107 100
108 89.0 71.4 111.4
77 62.5 47.3 87.3
79 28.4 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: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 572947

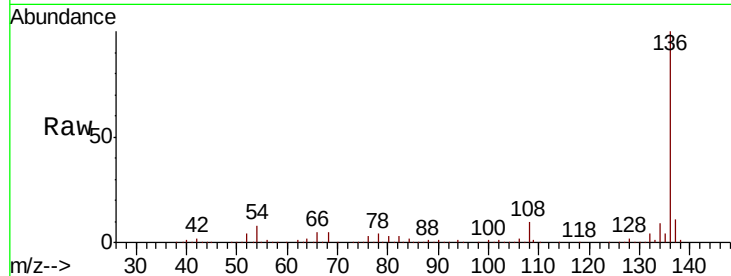
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.0 5.4 8.2

68 5.3 4.2 6.2

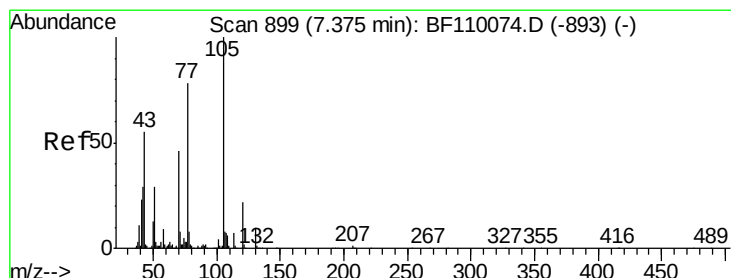
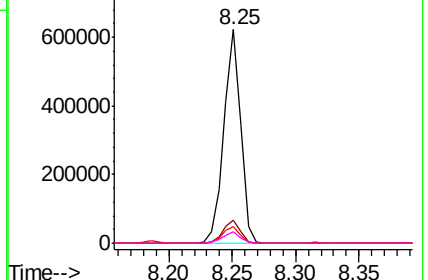
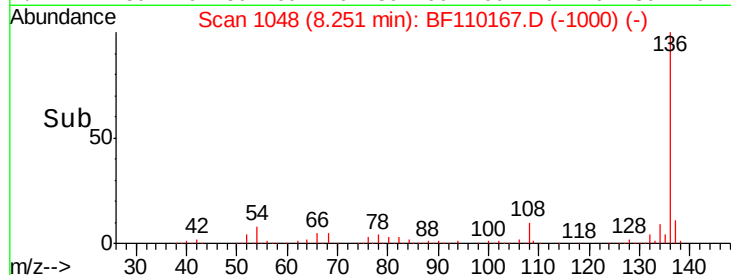


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.648 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:105 Resp: 497025

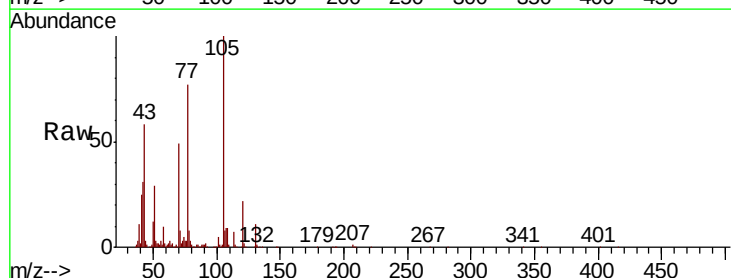
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 28.5 21.8 32.8

120 21.6 17.0 25.4

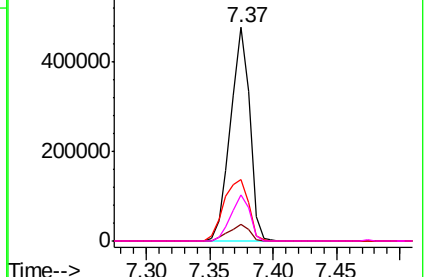
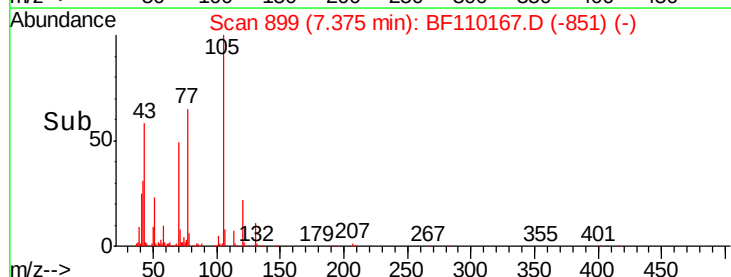


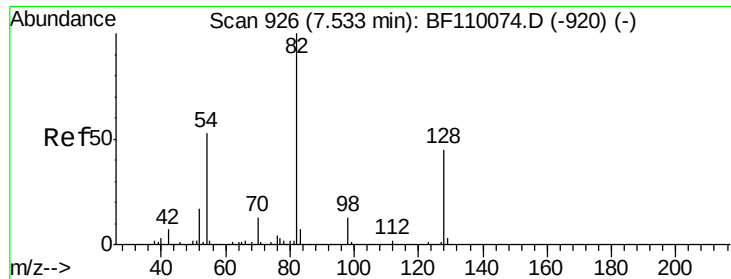
Abundance Ion 105.00 (104.70 to 105.70): E

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

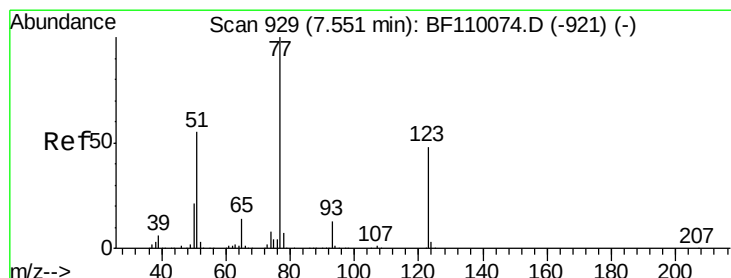
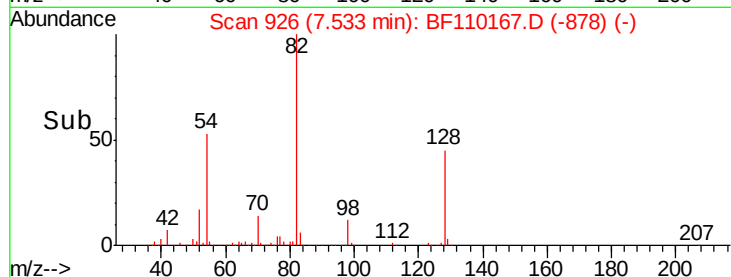
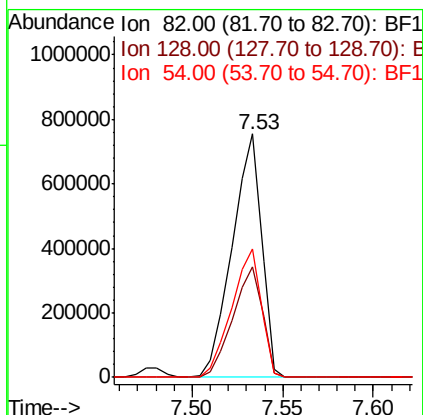
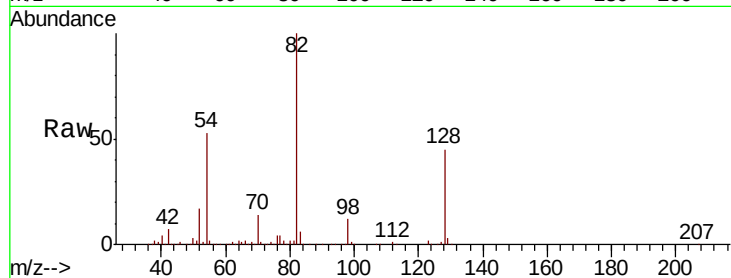




#23
 Nitrobenzene-d5
 Concen: 88.252 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

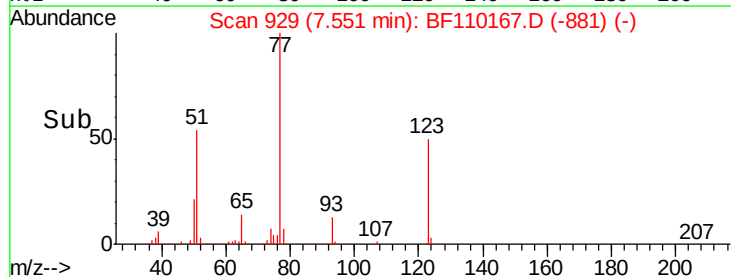
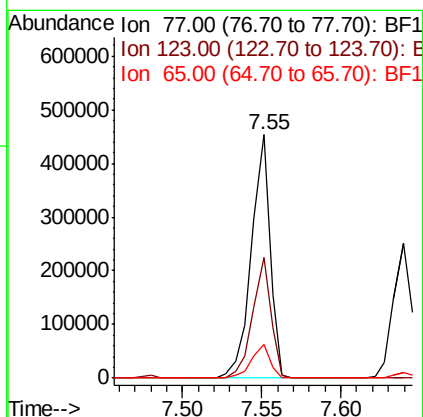
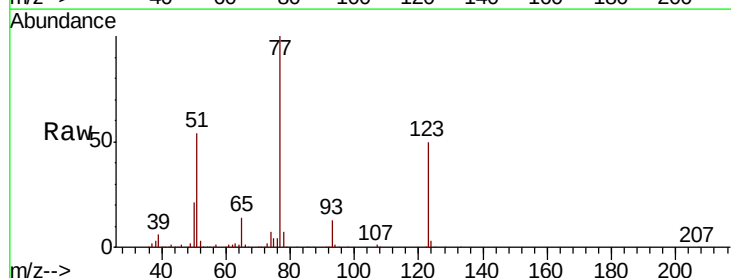
Instrument :
 BNA_F
 ClientSampleId :

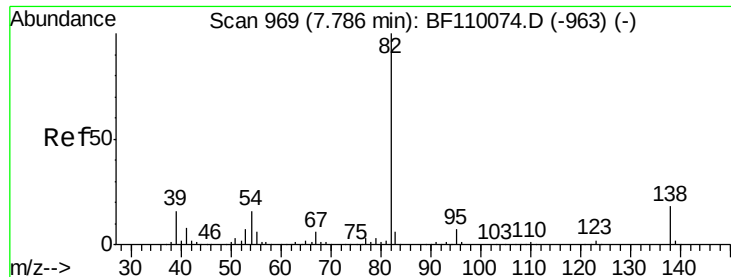
Tot Ion	82	Resp	852489
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.2	51.2
54	52.6	38.6	58.0



#24
 Nitrobenzene
 Concen: 37.366 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	77	Resp	372652
Ion Ratio	Lower	Upper	
77	100		
123	49.6	35.7	53.5
65	13.9	10.7	16.1





#25

Isophorone

Concen: 41.805 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

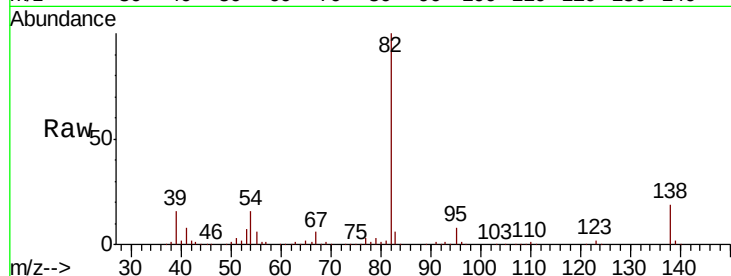
Tot Ion: 82 Resp: 688368

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

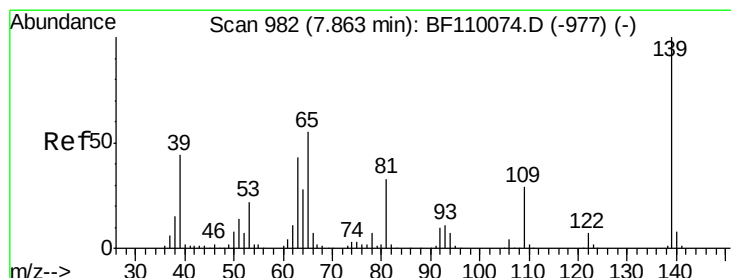
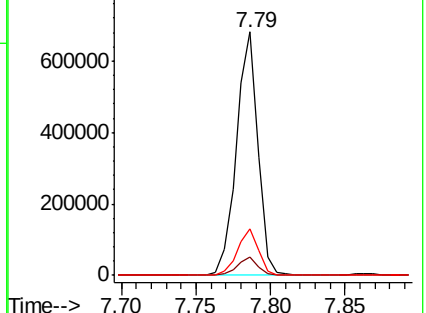
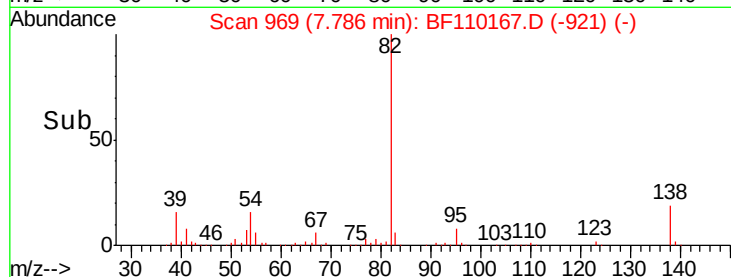
138 19.0 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.895 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

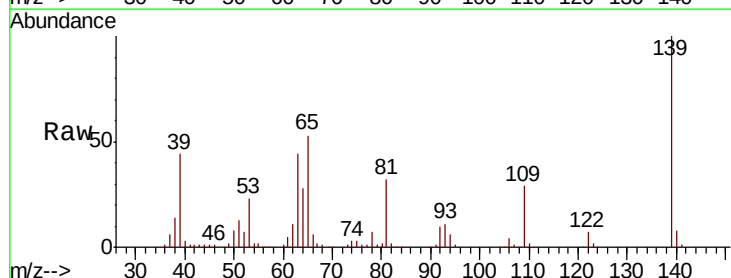
Tgt Ion: 139 Resp: 189331

Ion Ratio Lower Upper

139 100

109 29.4 25.0 37.6

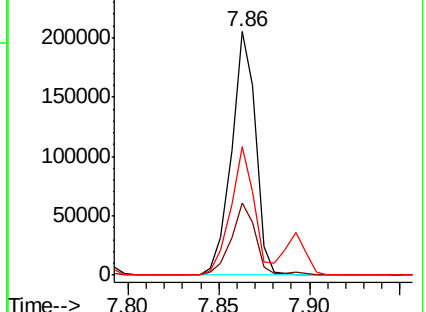
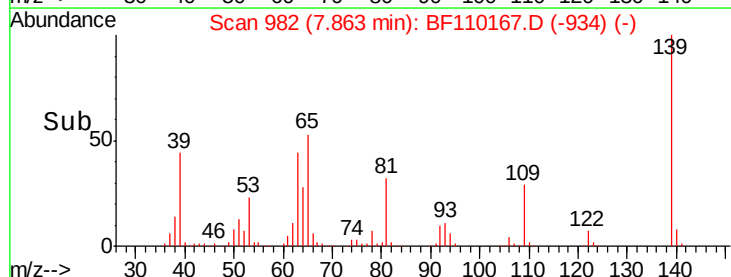
65 52.6 44.0 66.0

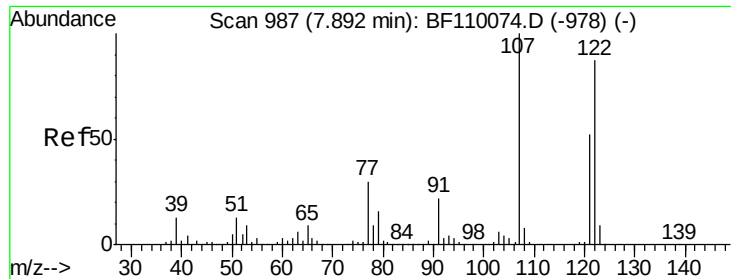


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

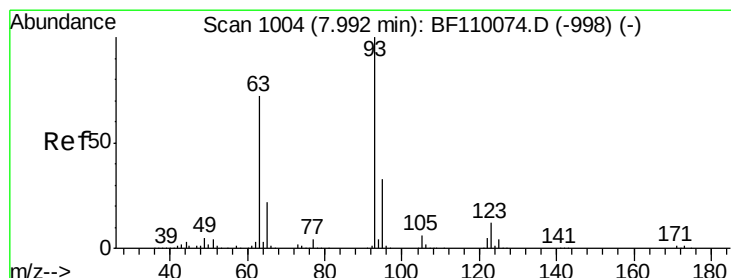
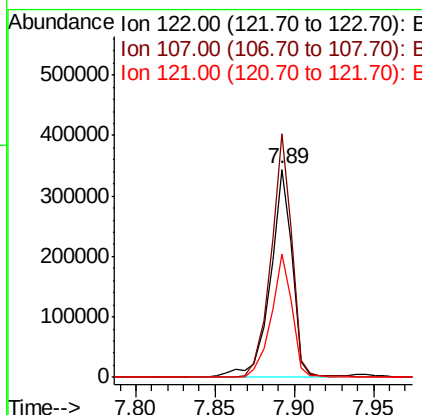
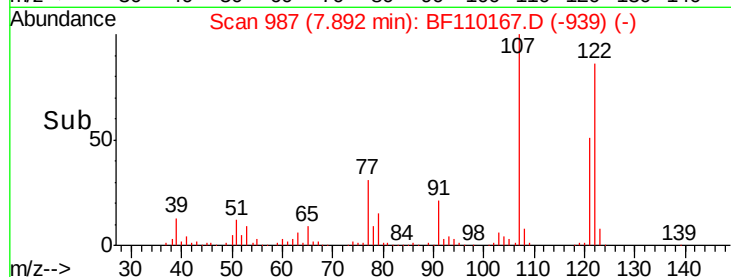
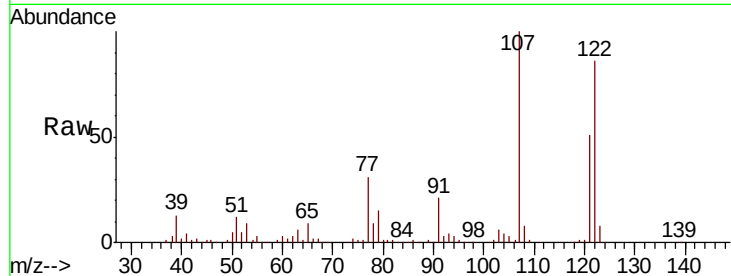




#27
 2,4-Dimethylphenol
 Concen: 42.289 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

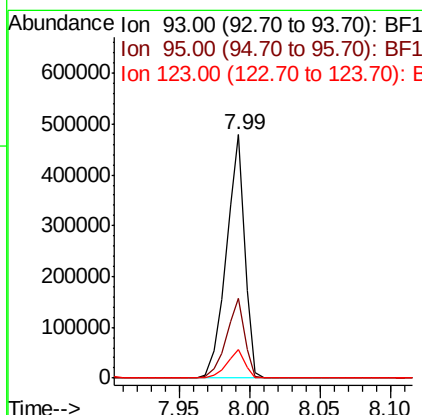
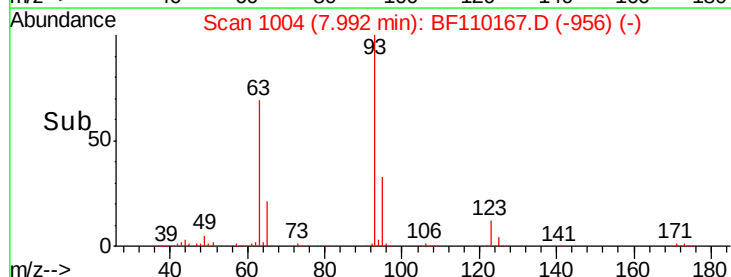
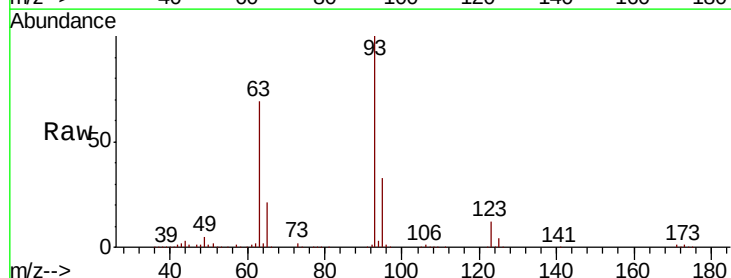
Instrument :
 BNA_F
 ClientSampled :

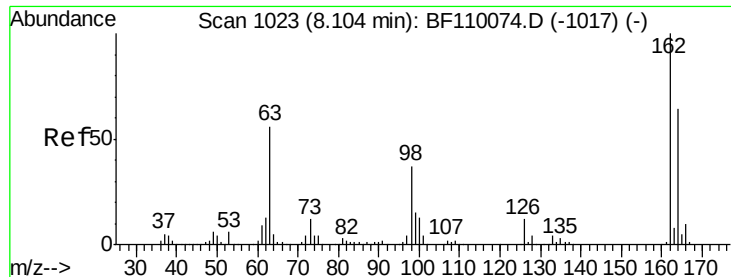
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.5	138.7
121	59.3	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.634 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.8	9.0	13.6

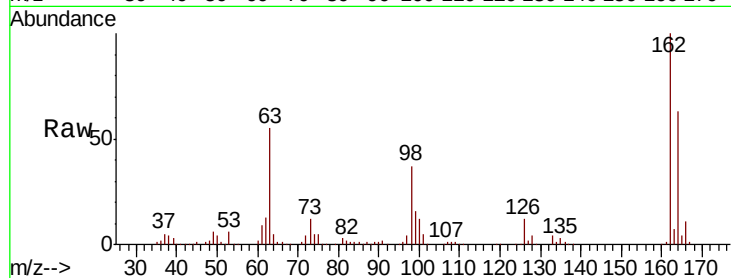




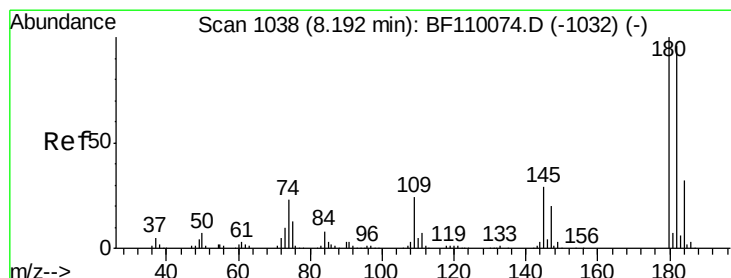
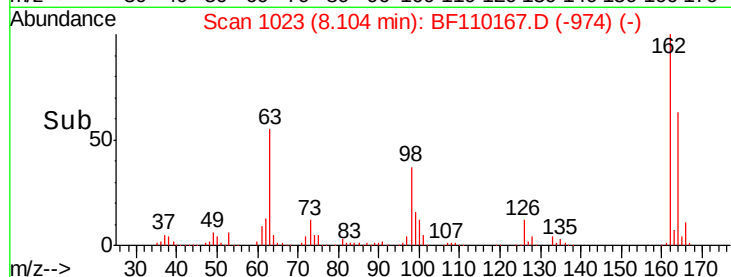
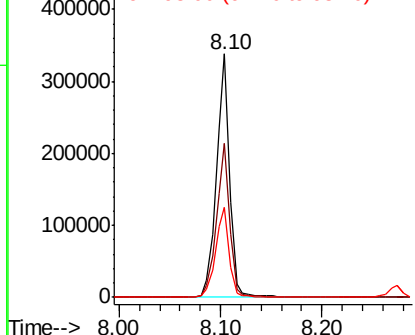
#29
 2,4-Dichlorophenol
 Concen: 38.327 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	36.7	17.4	57.4

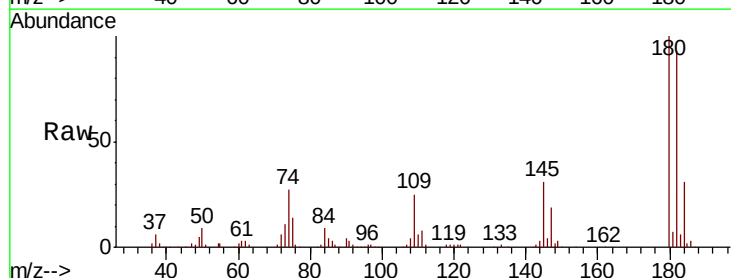


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

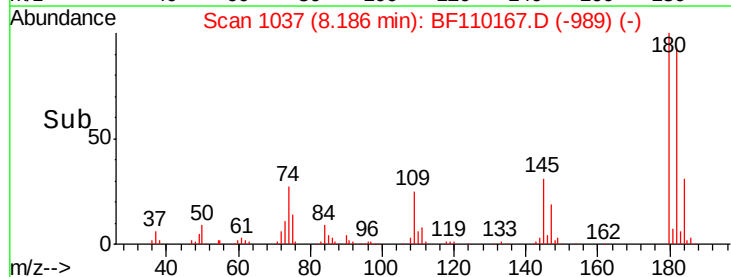
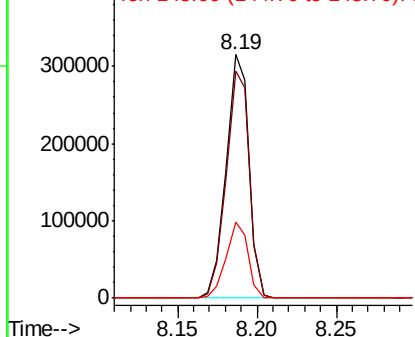


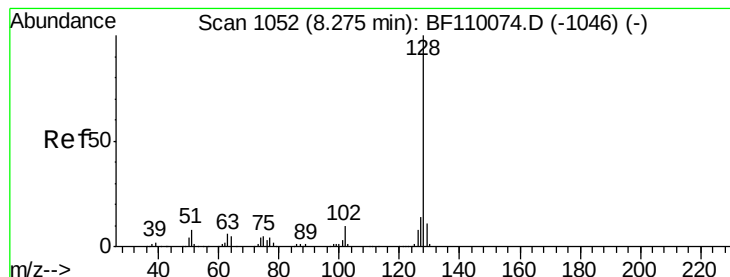
#30
 1,2,4-Trichlorobenzene
 Concen: 35.334 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	80.3	120.5
145	31.0	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.492 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

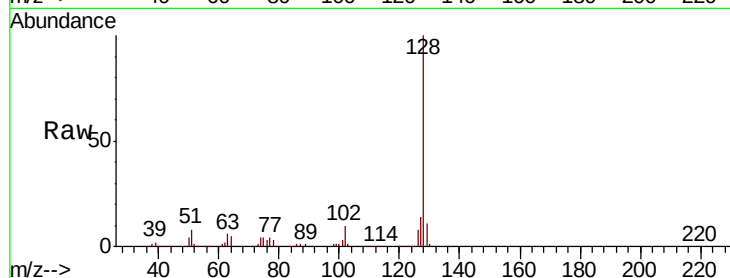
Tot Ion:128 Resp: 1042839

Ion Ratio Lower Upper

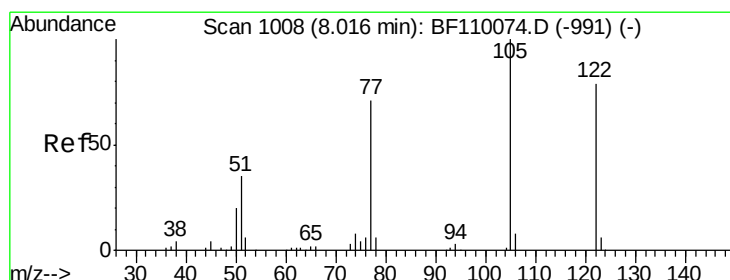
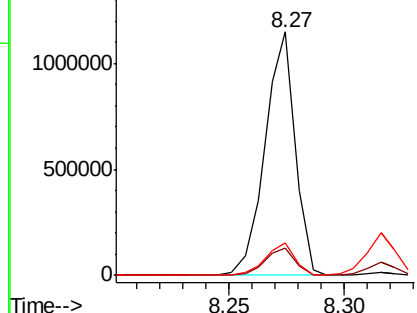
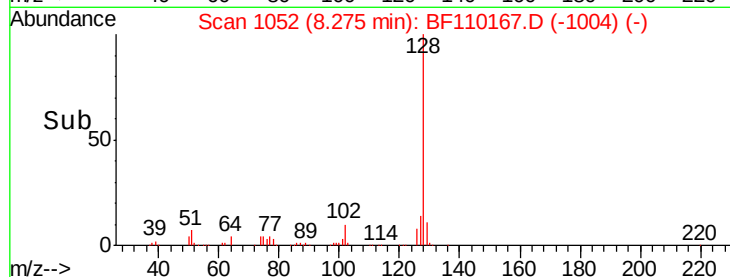
128 100

129 11.1 8.8 13.2

127 13.5 10.8 16.2



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



#32

Benzoic acid

Concen: 54.715 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.12 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

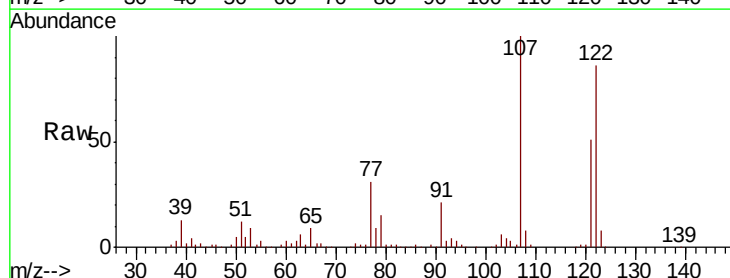
Tgt Ion:122 Resp: 332739

Ion Ratio Lower Upper

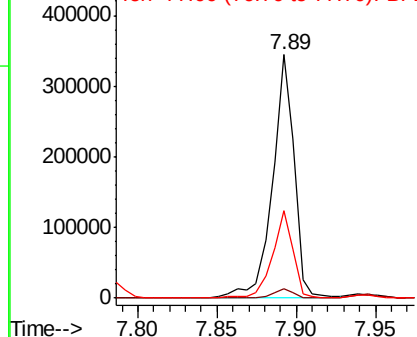
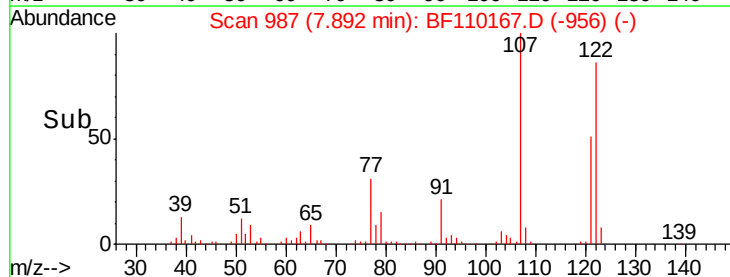
122 100

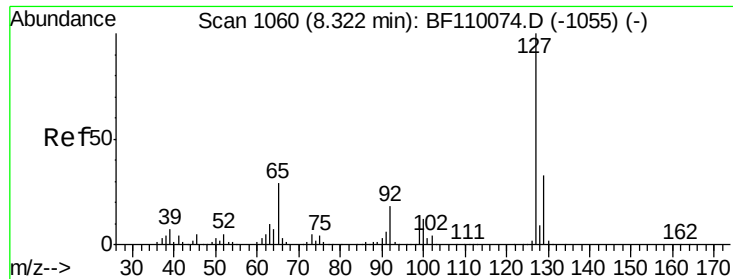
105 3.7 109.0 149.0#

77 36.2 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

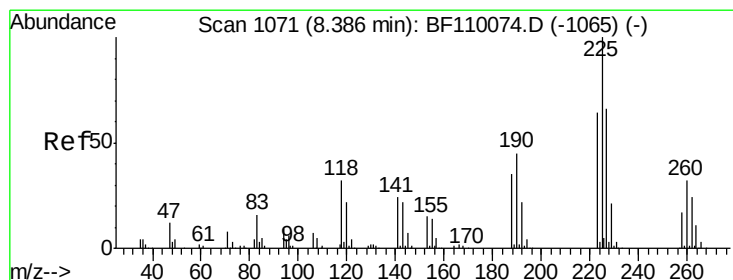
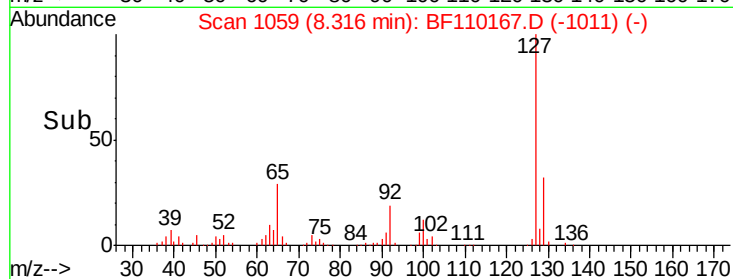
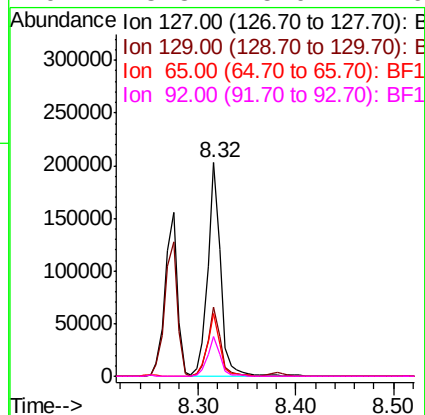
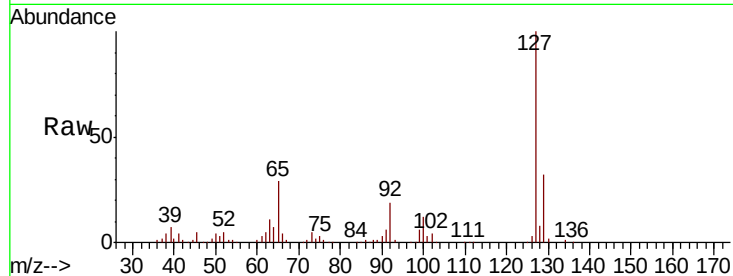




#33
4-Chloroaniline
Concen: 15.590 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

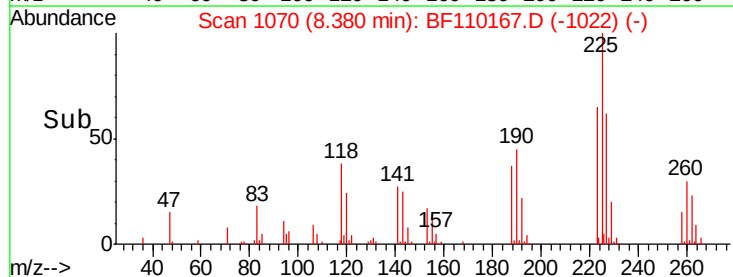
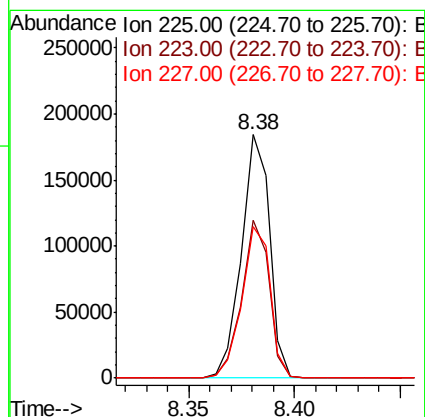
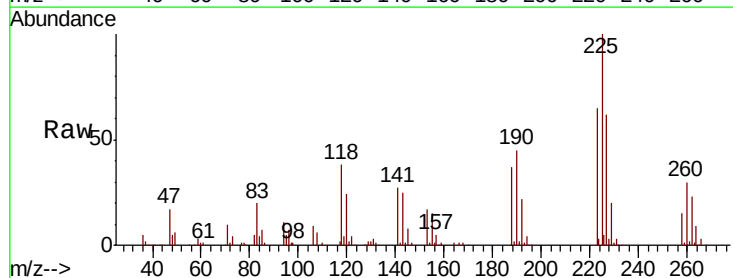
Instrument :
BNA_F
ClientSampleId :

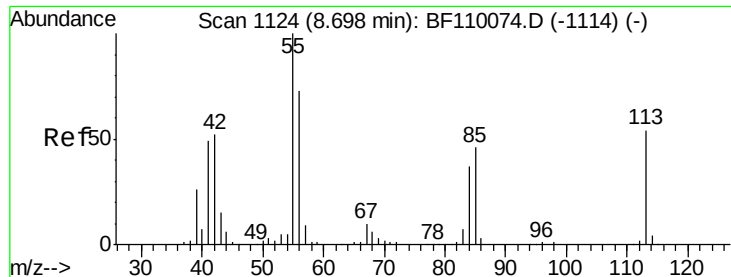
Tot Ion:	127	Resp:	185282
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	29.5	25.1	37.7
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 34.256 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion:	225	Resp:	169358
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.4	77.2
227	62.1	51.0	76.6

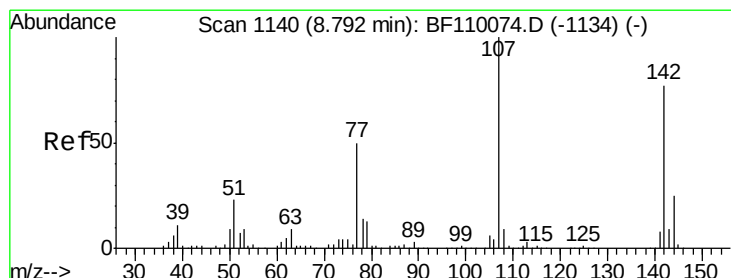
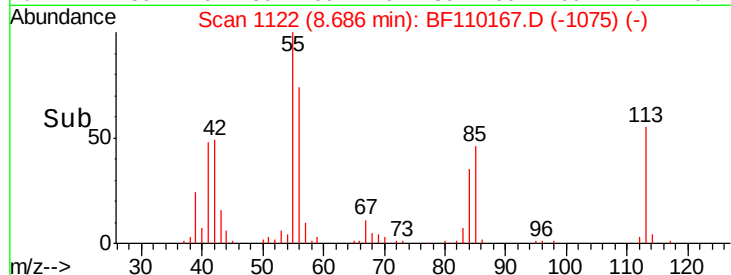
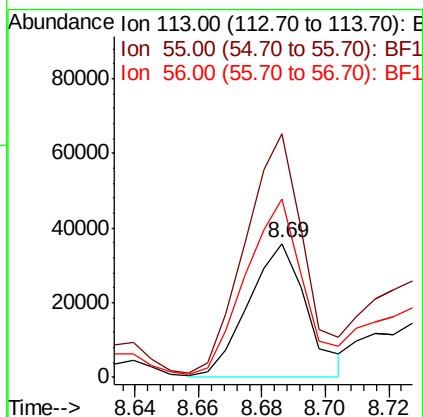
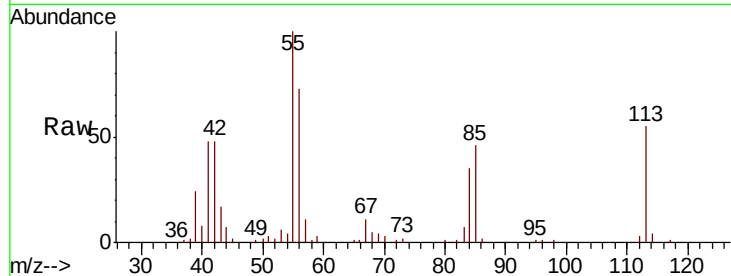




#35
Caprolactam
Concen: 16.606 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

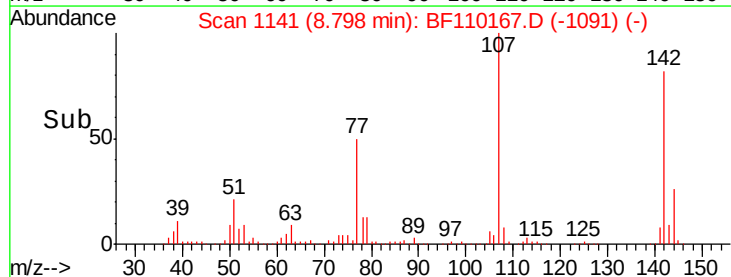
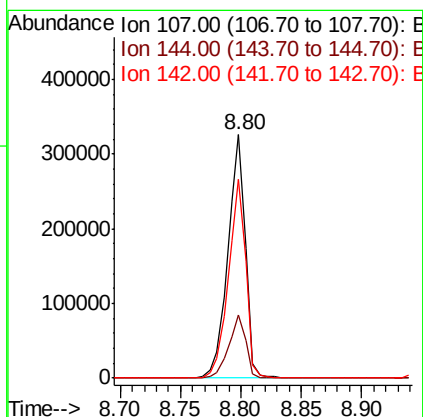
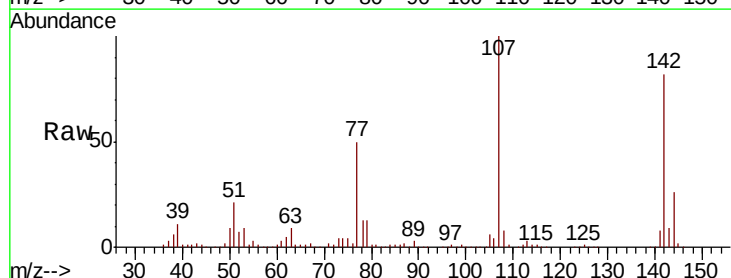
Instrument :
BNA_F
ClientSampled :

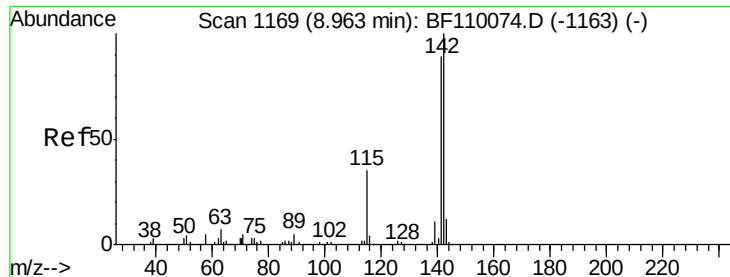
Tot Ion:113 Resp: 46008
Ion Ratio Lower Upper
113 100
55 181.9 142.8 182.8
56 132.9 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 38.047 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion:107 Resp: 327051
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 81.6 59.7 89.5

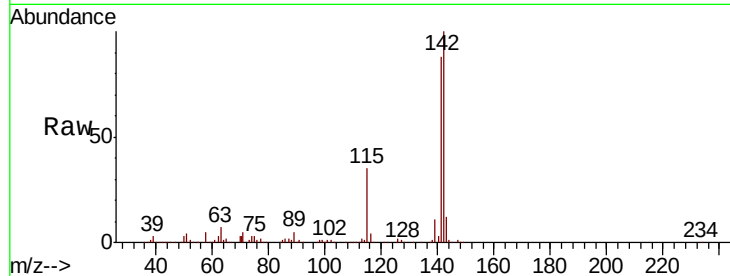




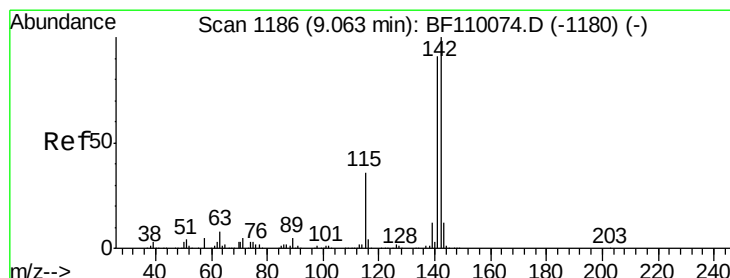
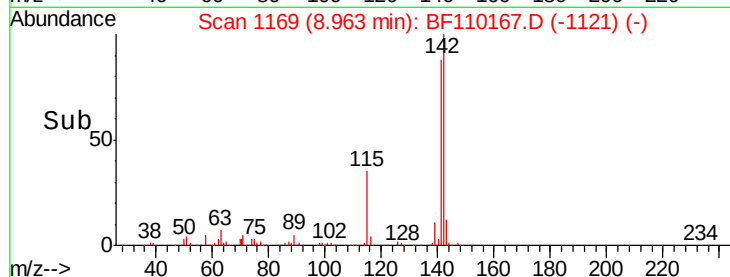
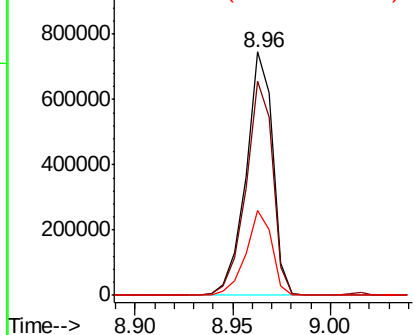
#37
 2-Methylnaphthalene
 Concen: 40.505 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	35.0	28.7	43.1

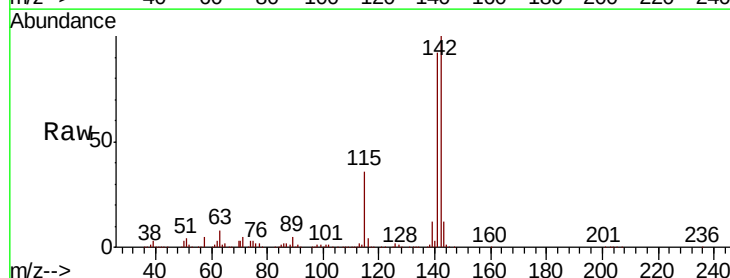


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

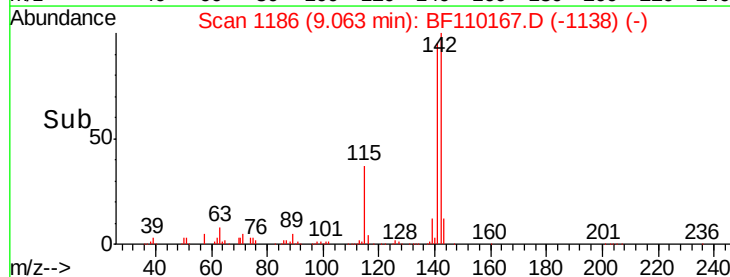
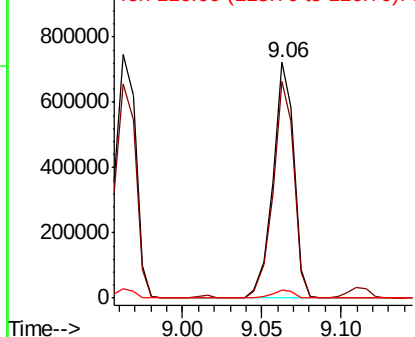


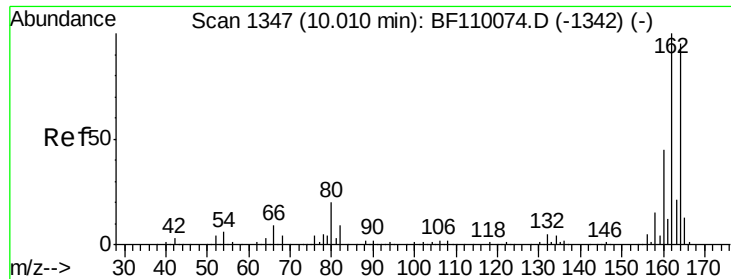
#38
 1-Methylnaphthalene
 Concen: 39.576 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	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: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

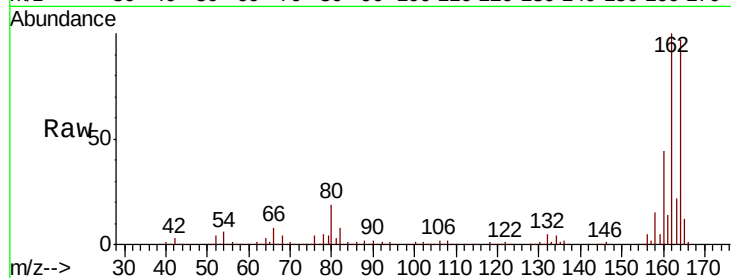
Tot Ion:164 Resp: 275104

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

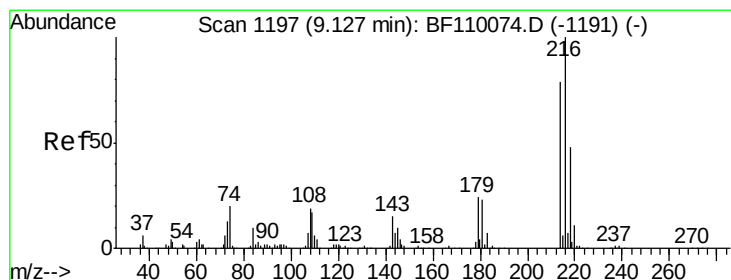
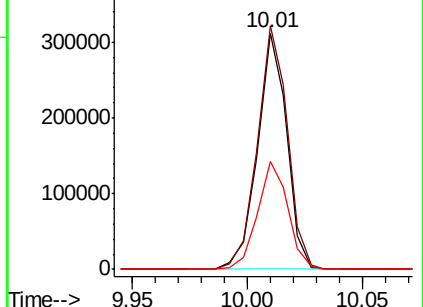
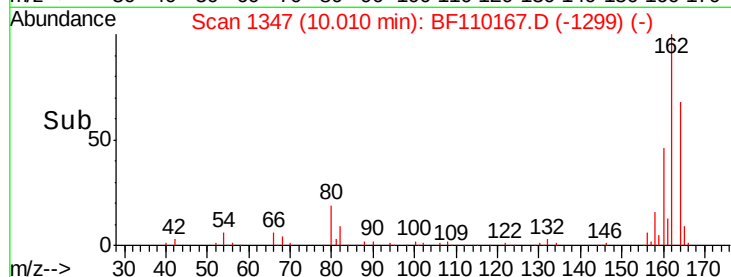
160 45.8 37.0 55.6



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: 34.565 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:216 Resp: 296280

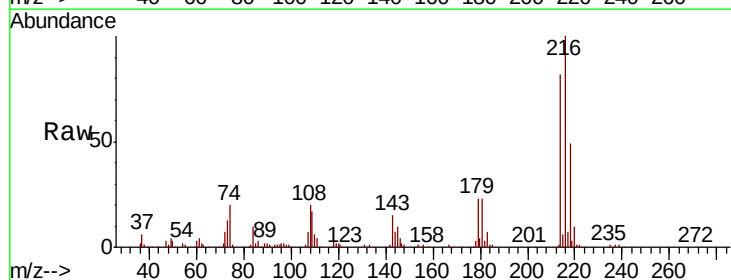
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 22.5 16.6 25.0

108 20.9 15.1 22.7

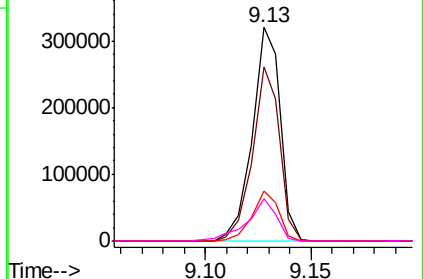
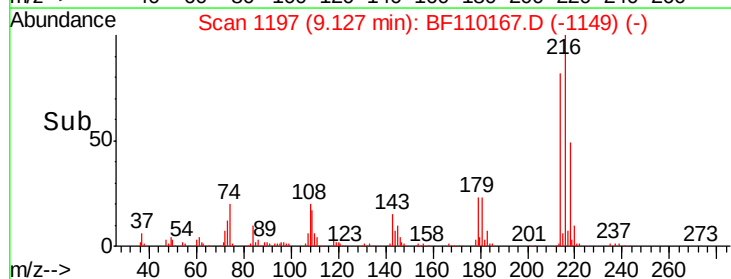


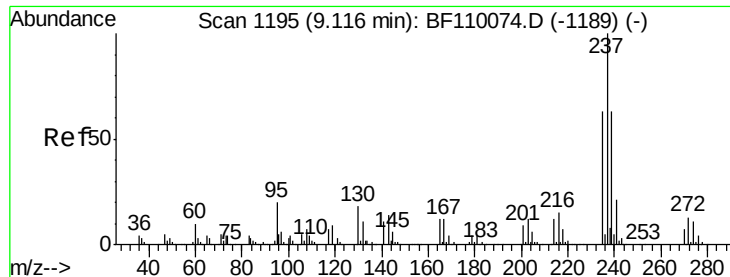
Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.945 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

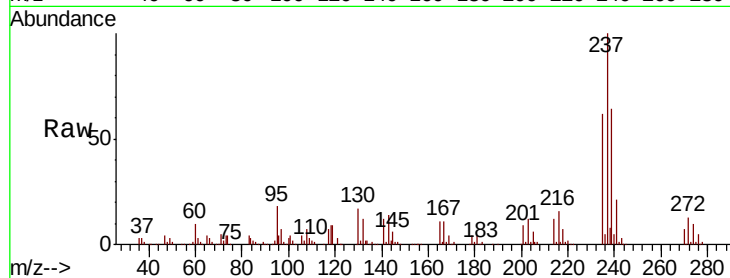
Tot Ion:237 Resp: 236441

Ion Ratio Lower Upper

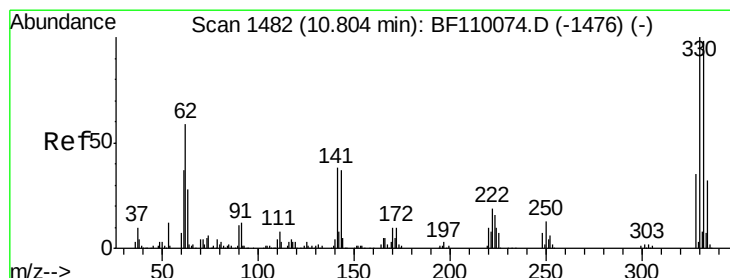
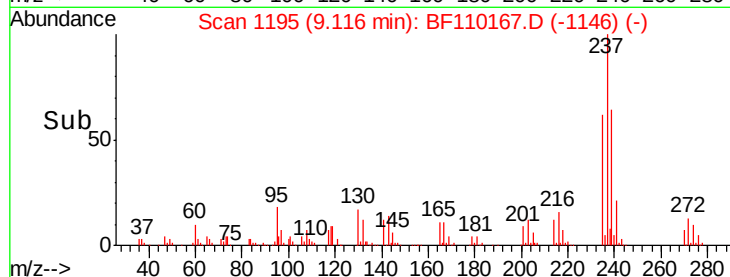
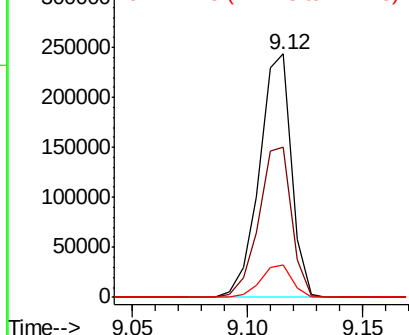
237 100

235 61.6 43.1 83.1

272 13.3 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: 121.862 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

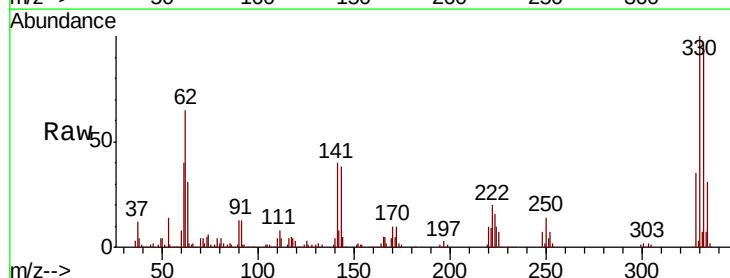
Tgt Ion:330 Resp: 332085

Ion Ratio Lower Upper

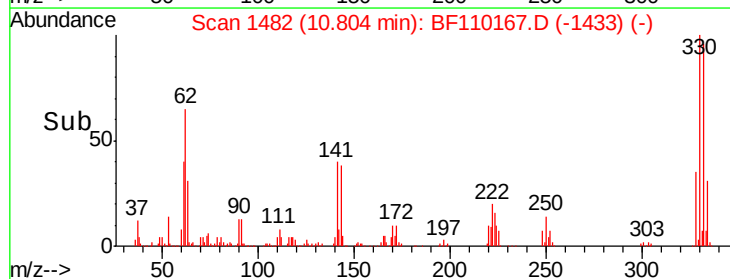
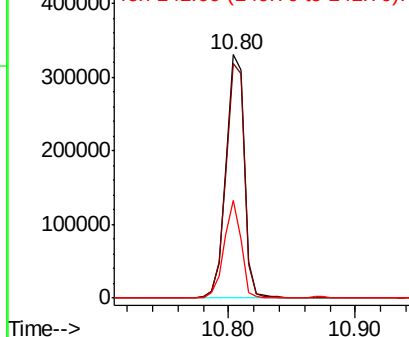
330 100

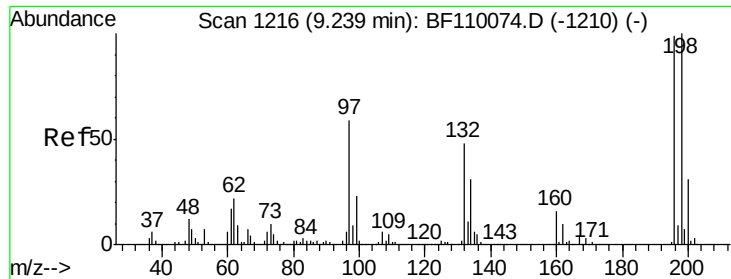
332 97.5 77.1 115.7

141 37.2 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

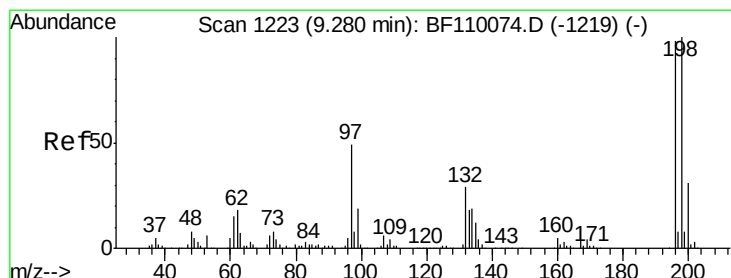
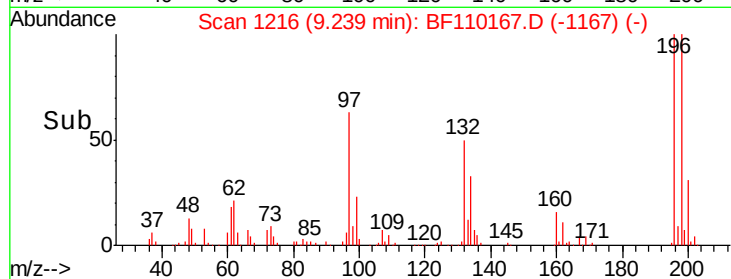
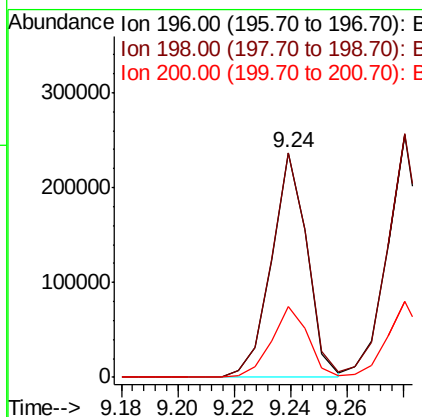
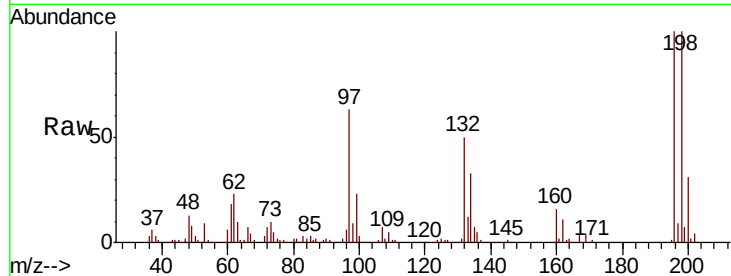




#43
 2,4,6-Trichlorophenol
 Concen: 37.337 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

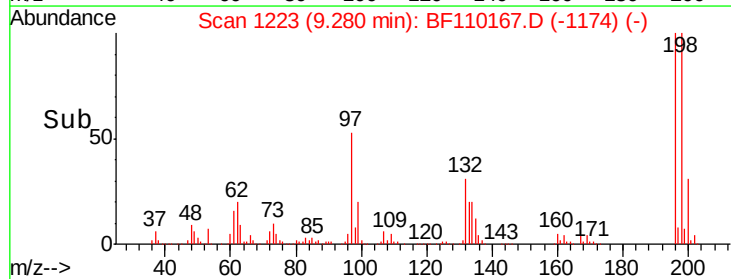
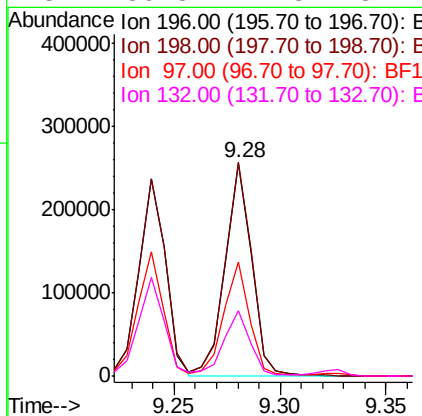
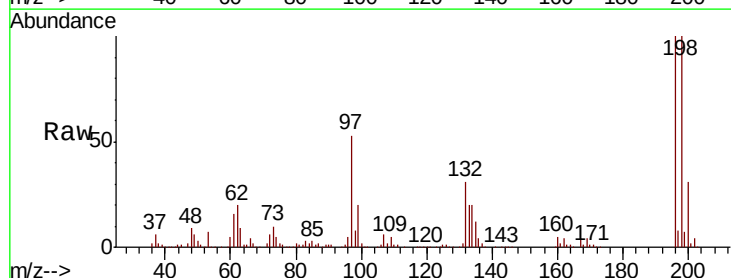
Instrument :
 BNA_F
 ClientSampled :

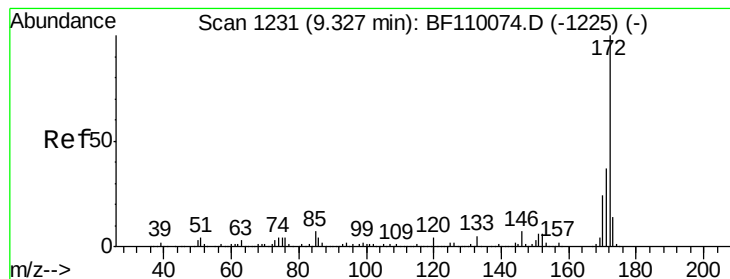
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	76.2	114.4
200	31.5	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.621 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	75.8	113.6
97	53.4	42.4	63.6
132	30.8	22.8	34.2

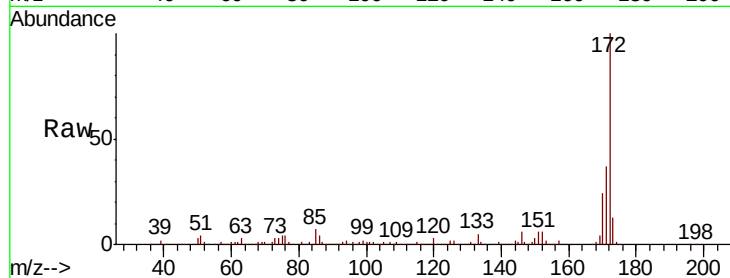




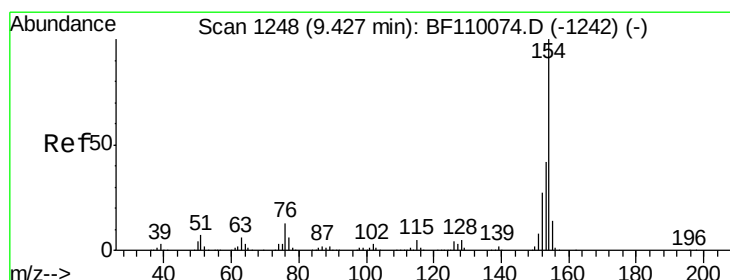
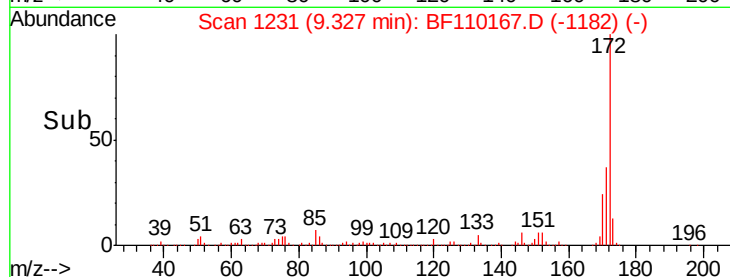
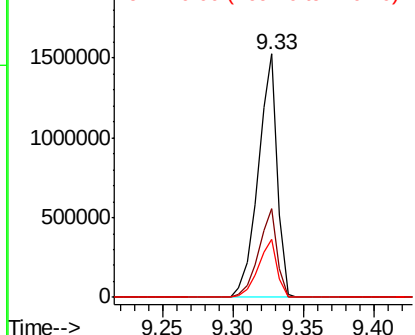
#45
 2-Fluorobiphenyl
 Concen: 82.847 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1451458
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 23.9 19.7 29.5

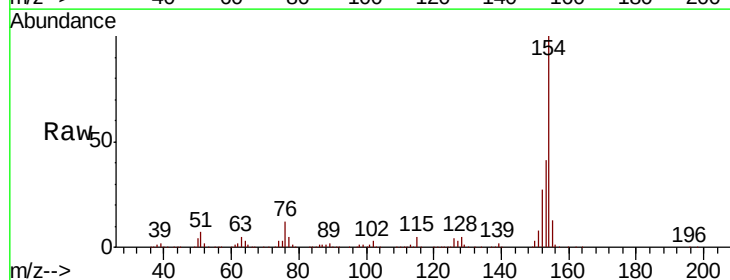


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

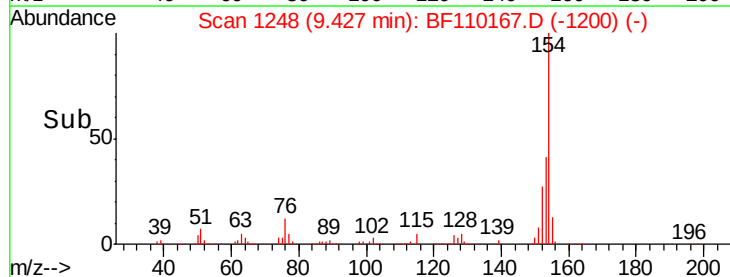
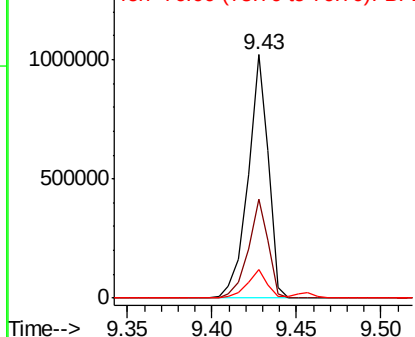


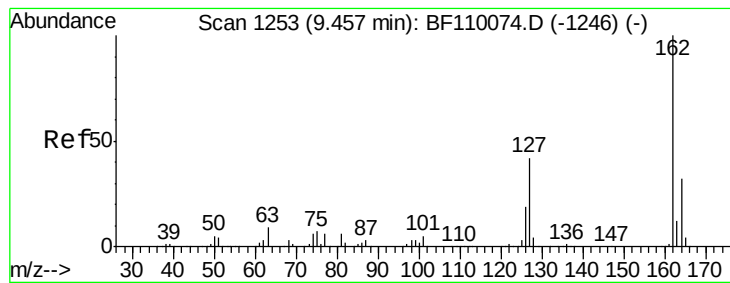
#46
 1,1'-Biphenyl
 Concen: 34.348 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion:154 Resp: 854481
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.4 60.4
 76 11.7 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: 35.210 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampled :

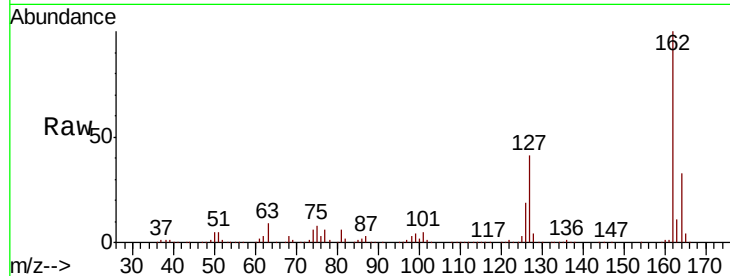
Tot Ion:162 Resp: 642521

Ion Ratio Lower Upper

162 100

127 41.4 32.6 48.8

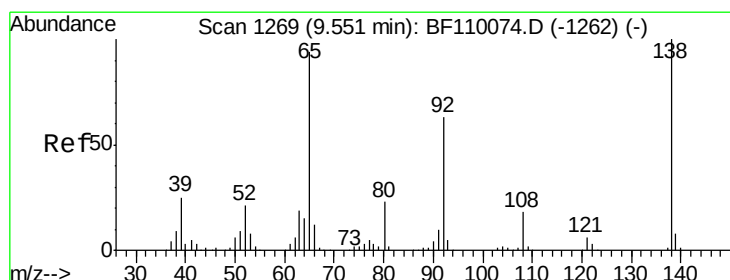
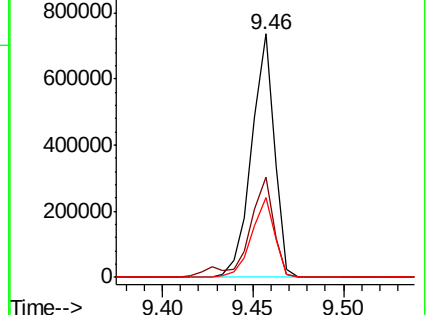
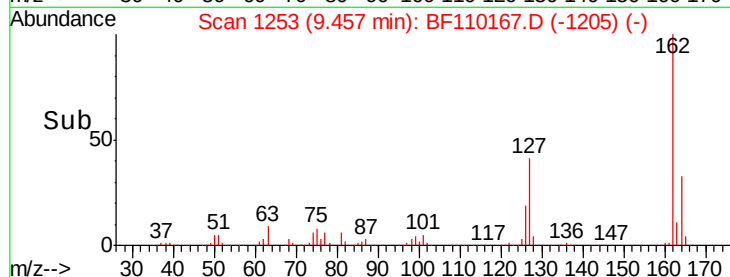
164 32.9 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.465 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

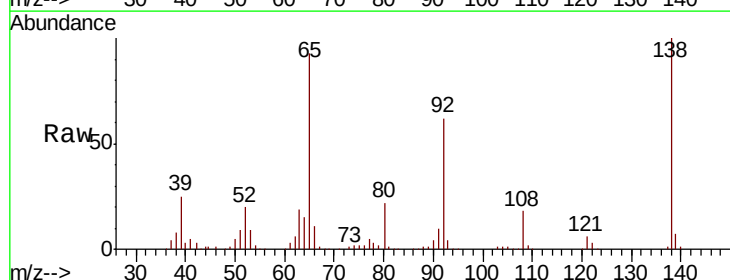
Tgt Ion: 65 Resp: 212707

Ion Ratio Lower Upper

65 100

92 66.9 54.6 81.8

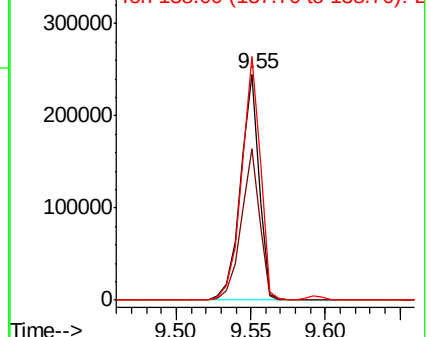
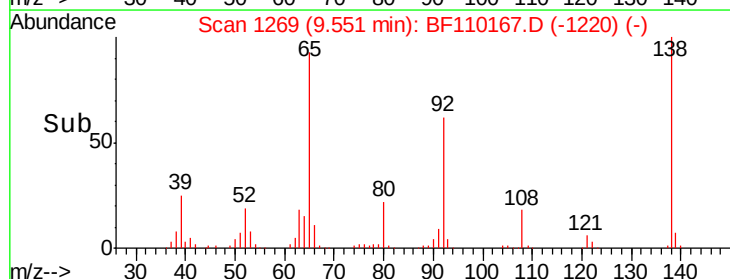
138 107.6 80.3 120.5

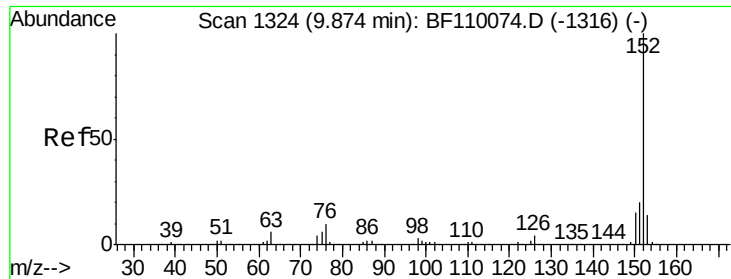


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.922 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

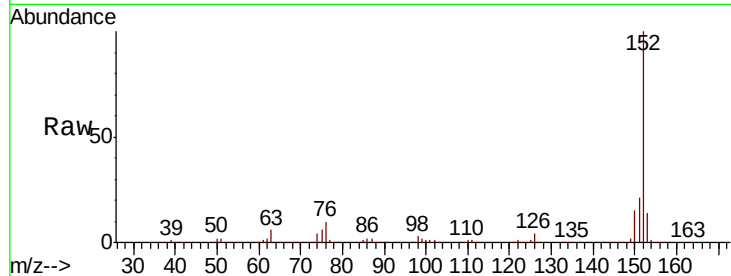
Tot Ion:152 Resp: 1025863

Ion Ratio Lower Upper

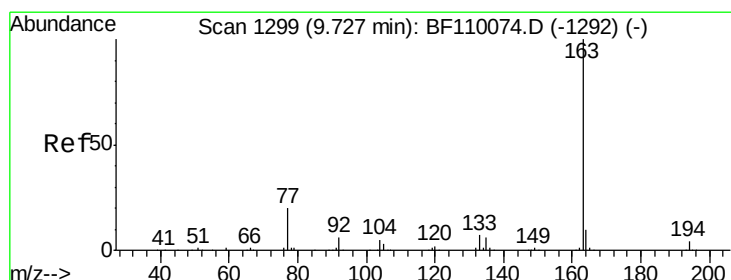
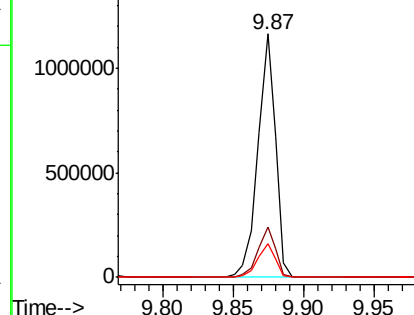
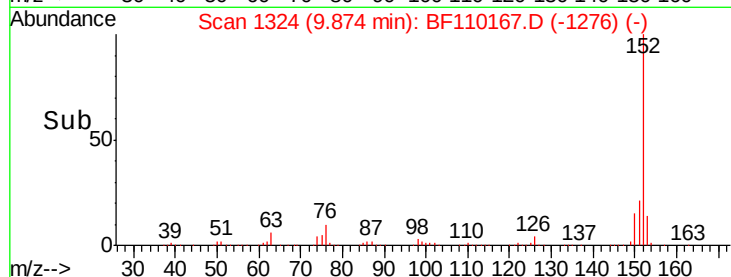
152 100

151 20.7 15.8 23.8

153 14.0 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: 45.448 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

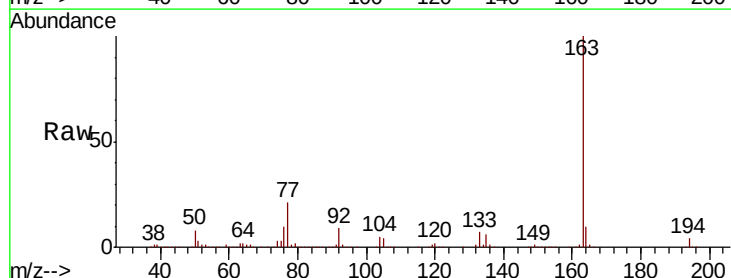
Tgt Ion:163 Resp: 922935

Ion Ratio Lower Upper

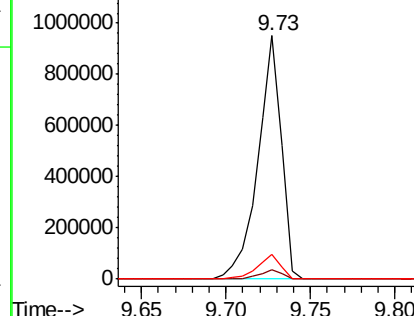
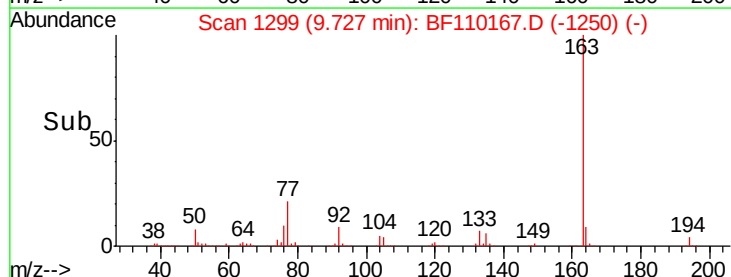
163 100

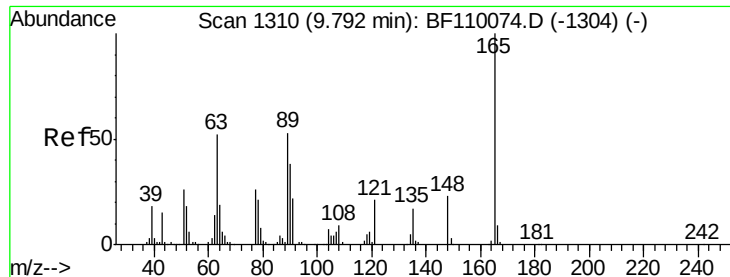
194 3.7 3.2 4.8

164 10.3 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

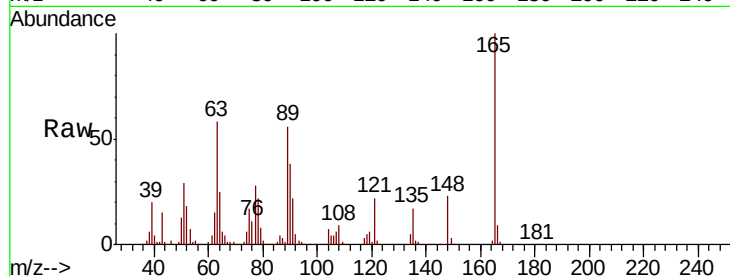




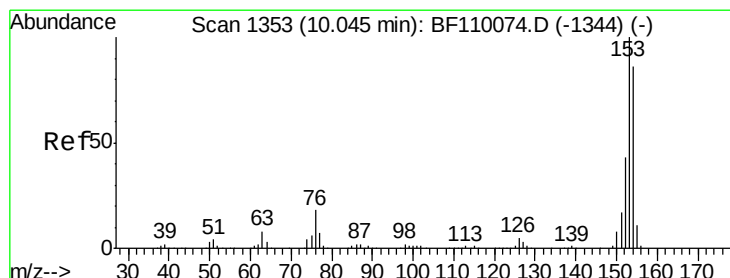
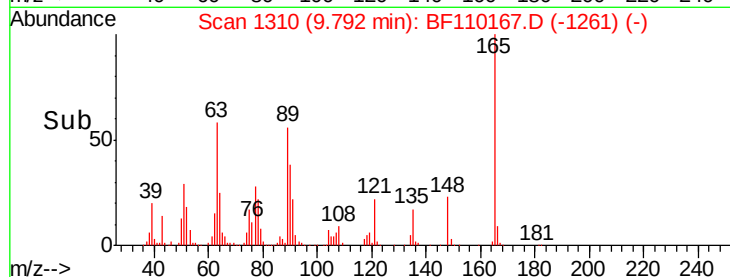
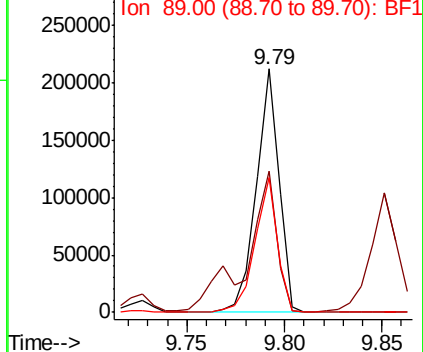
#51
 2,6-Dinitrotoluene
 Concen: 39.146 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	48.9	73.3
89	55.5	46.6	69.8

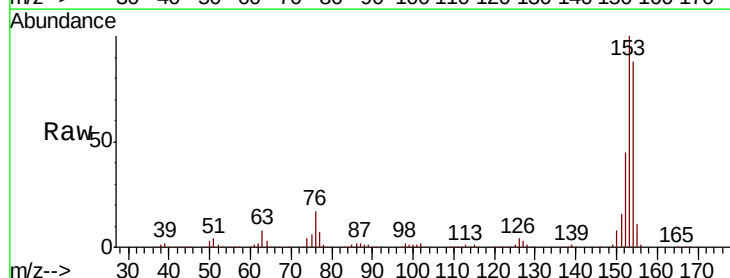


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

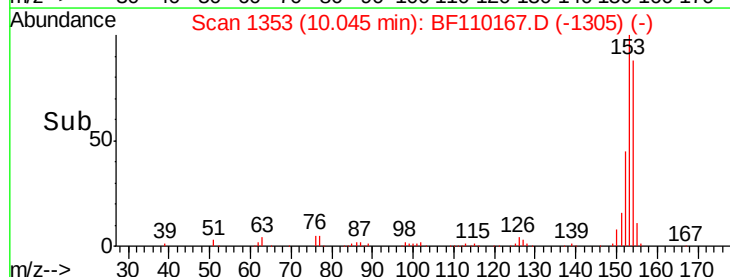
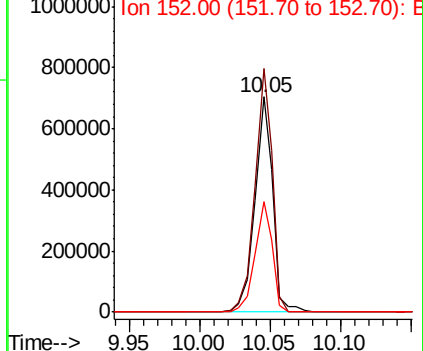


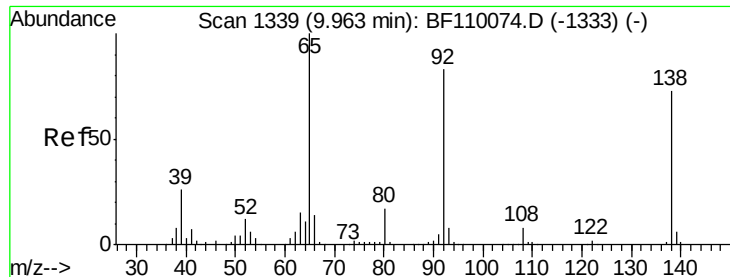
#52
 Acenaphthene
 Concen: 35.846 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	51.2	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

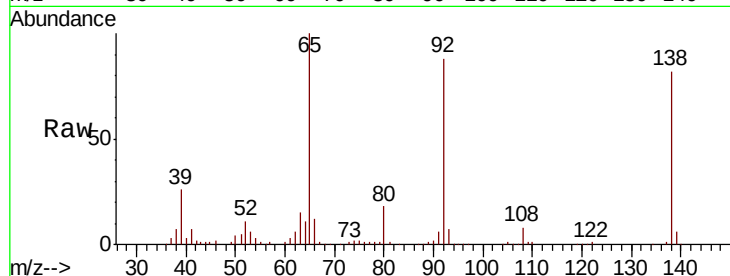




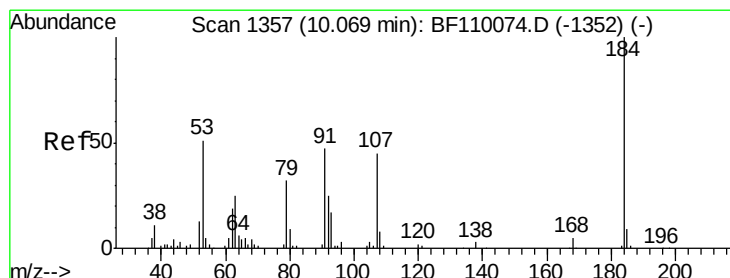
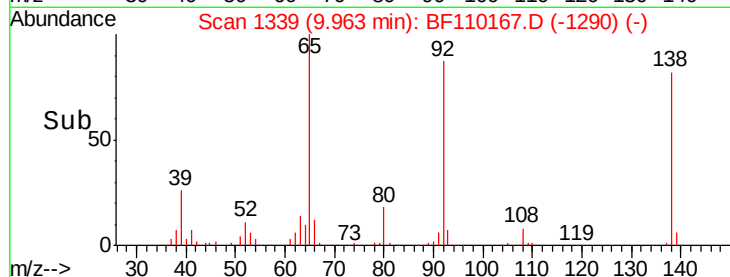
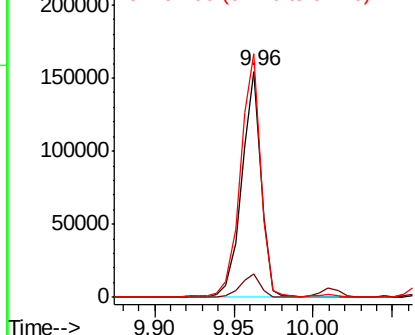
#53
 3-Nitroaniline
 Concen: 25.052 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 130318
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.7 13.1
 92 107.6 97.0 145.4

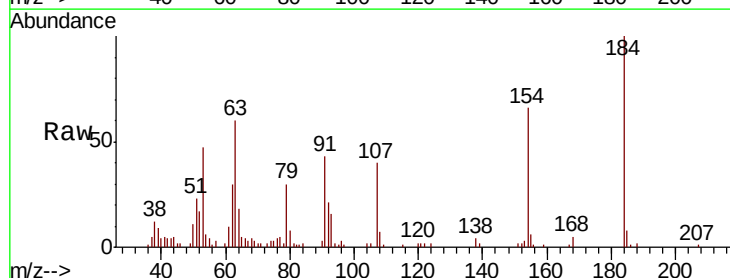


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

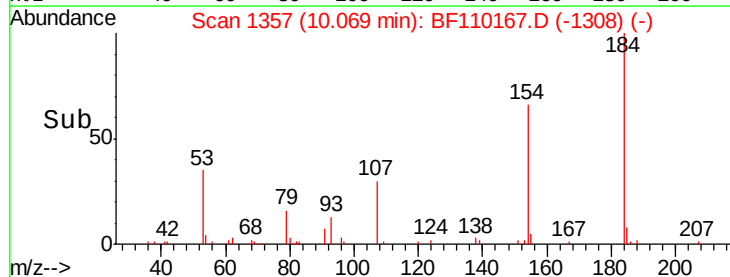
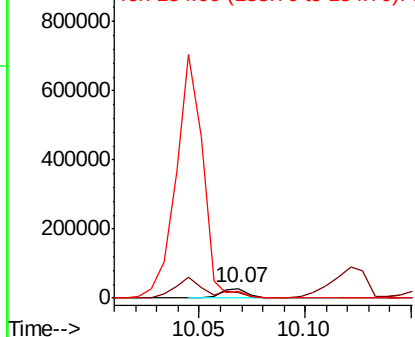


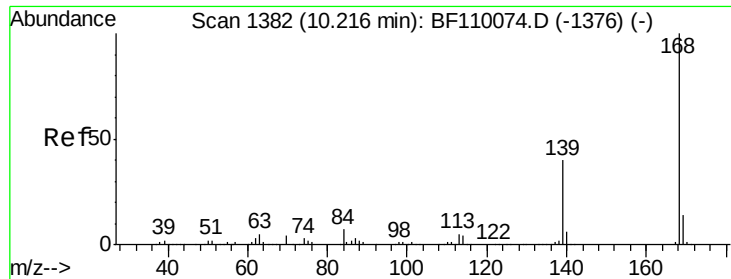
#54
 2,4-Dinitrophenol
 Concen: 17.983 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion:184 Resp: 23774
 Ion Ratio Lower Upper
 184 100
 63 59.8 55.8 83.6
 154 66.3 63.2 94.8



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

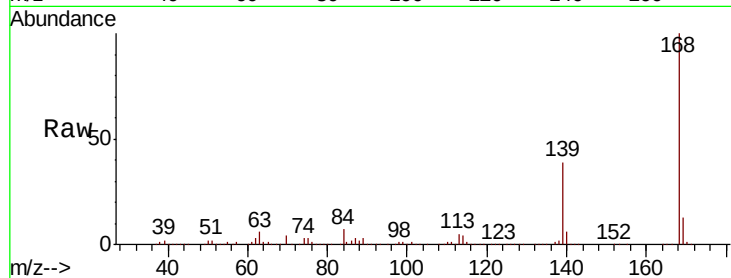




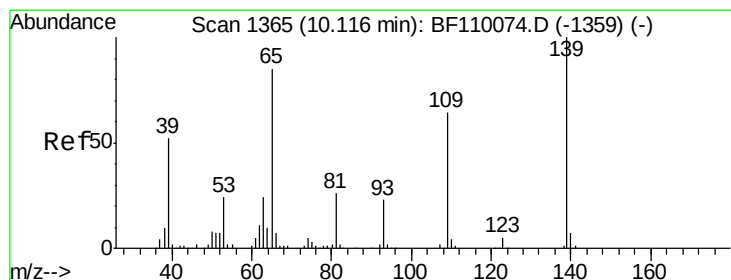
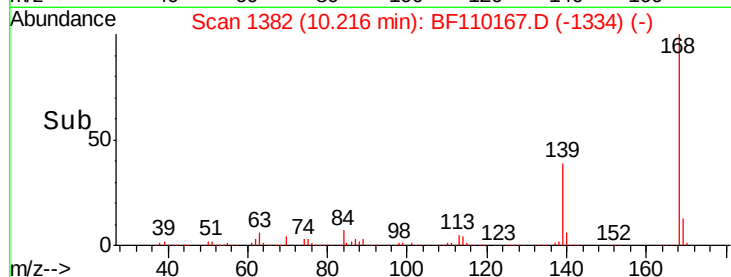
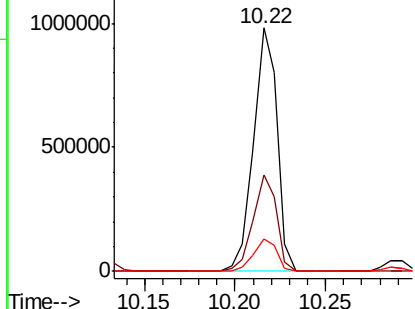
#55
Dibenzenofuran
Concen: 36.417 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 889031
Ion Ratio Lower Upper
168 100
139 39.4 33.0 49.6
169 13.5 11.3 16.9

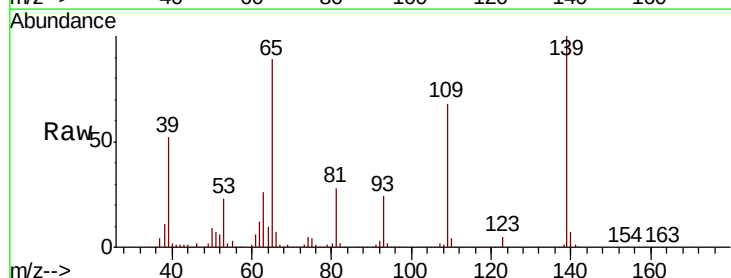


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

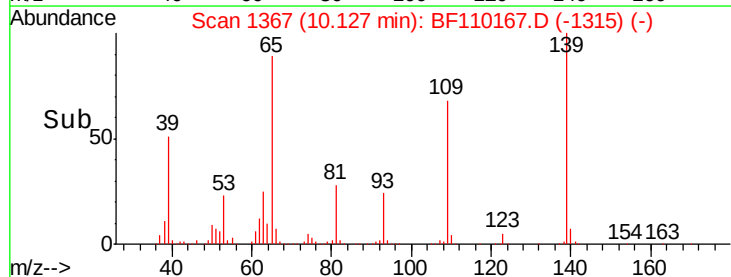
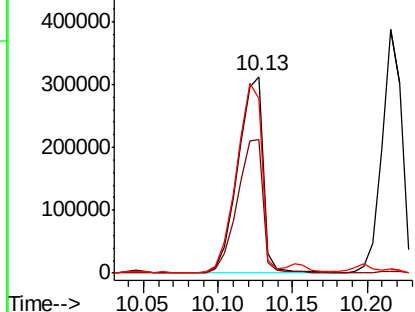


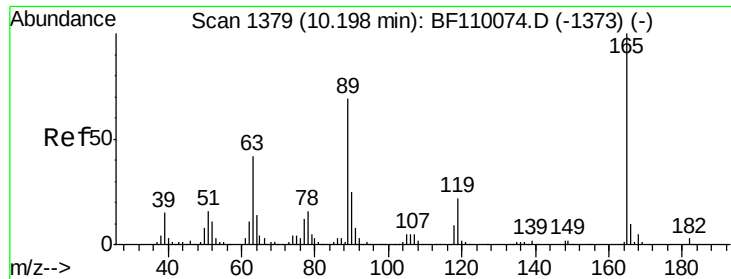
#56
4-Nitrophenol
Concen: 95.321 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion:139 Resp: 366988
Ion Ratio Lower Upper
139 100
109 67.8 55.8 95.8
65 88.9 77.9 117.9



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

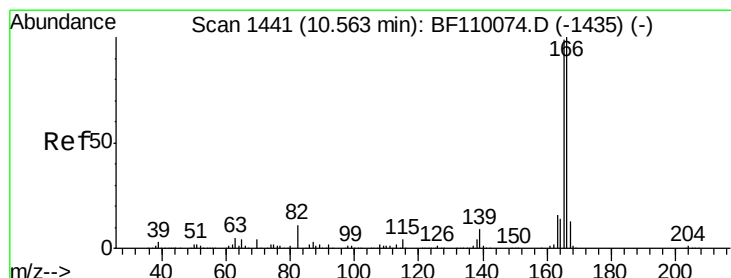
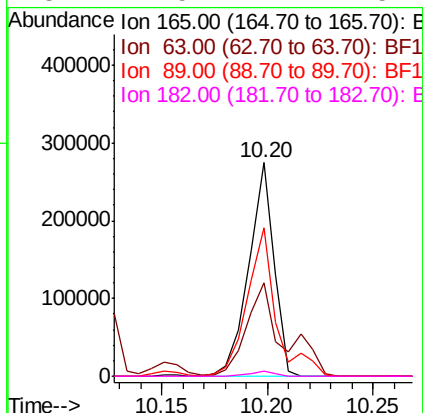
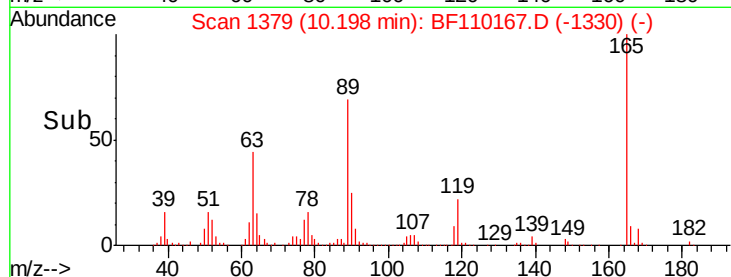
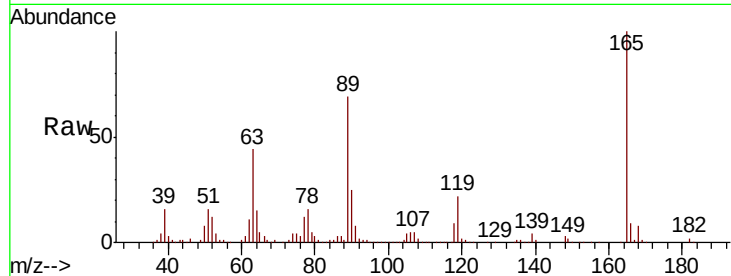




#57
2,4-Dinitrotoluene
Concen: 41.326 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

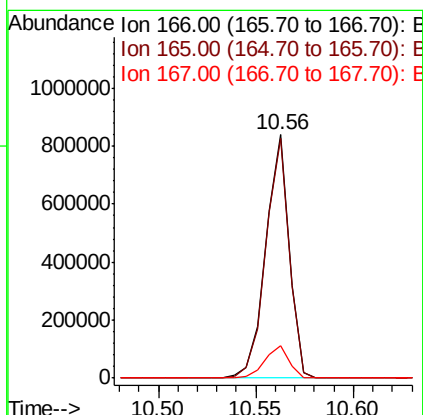
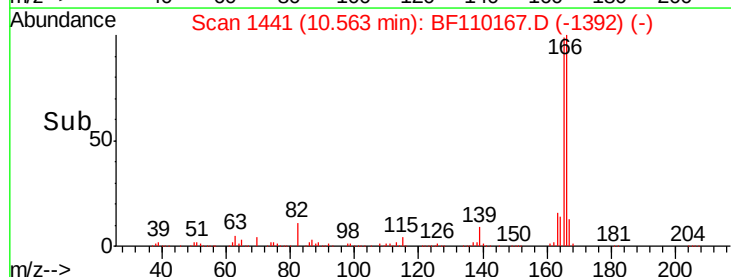
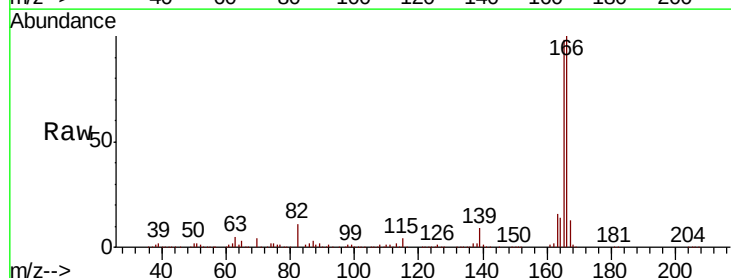
Instrument :
BNA_F
ClientSampleId :

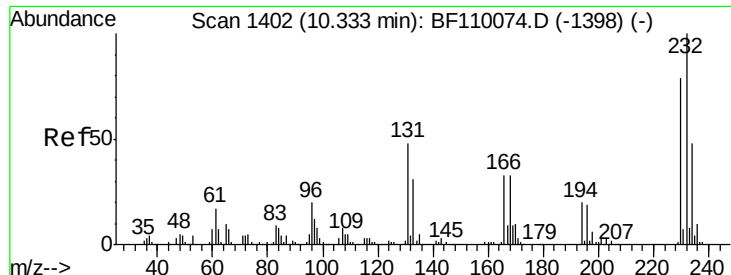
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	44.8	67.2#
89	69.2	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 38.501 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.1	10.8	16.2

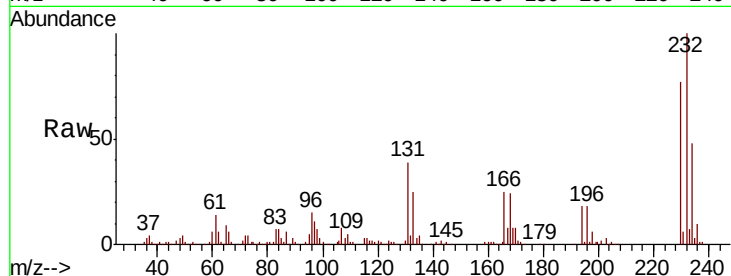




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.932 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.05 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	37.0	55.4
130	2.3	1.8	2.6
166	26.6	22.0	33.0



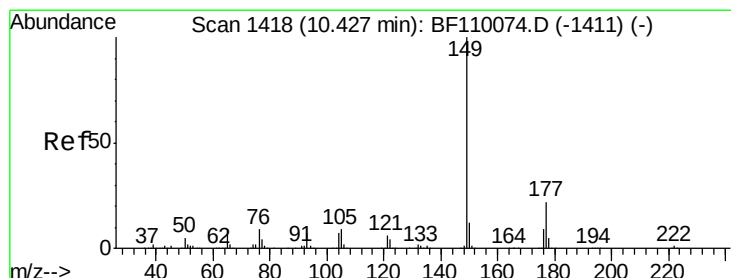
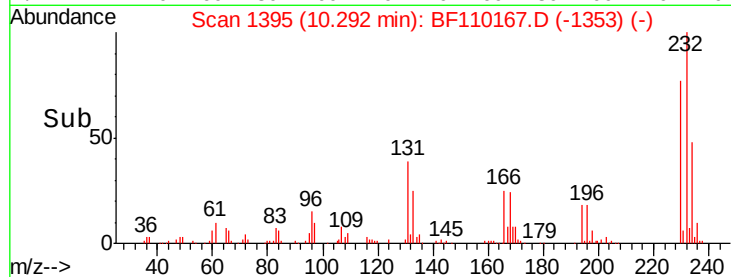
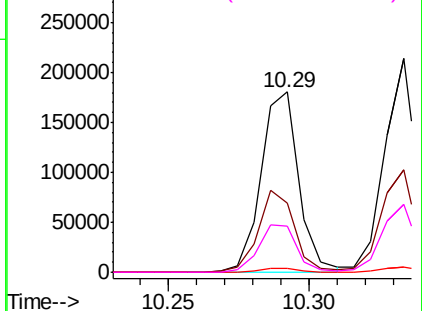
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

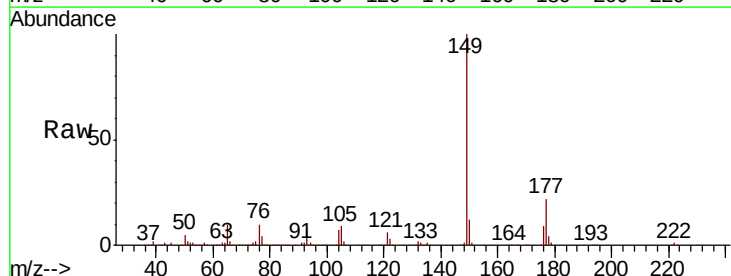
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.412 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	12.3	9.8	14.8

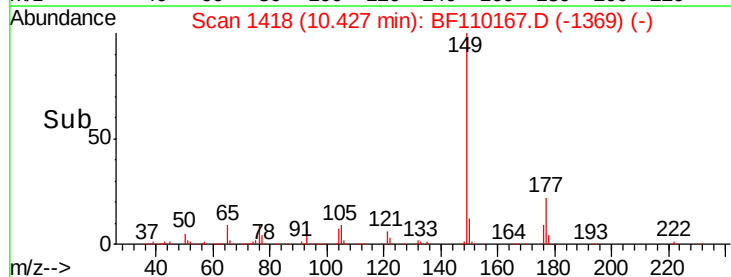
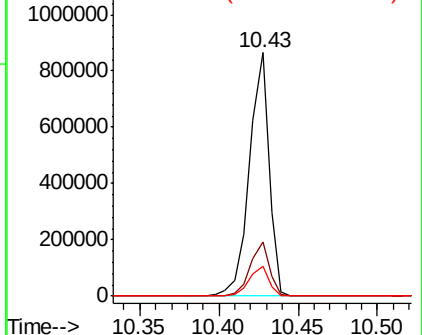


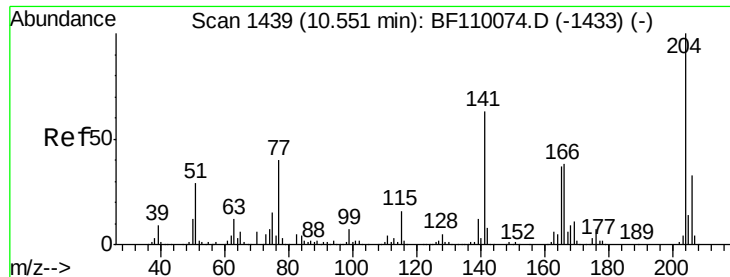
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

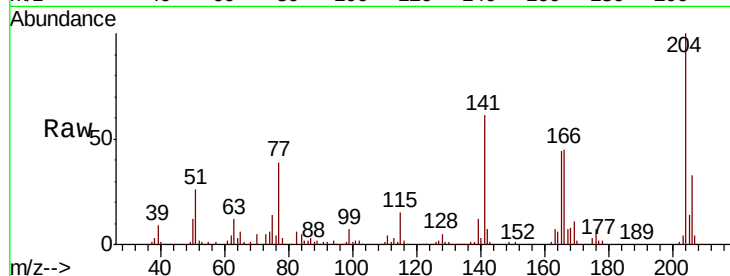




#61
4-Chlorophenyl-phenylether
Concen: 34.338 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	61.2	51.8	77.8

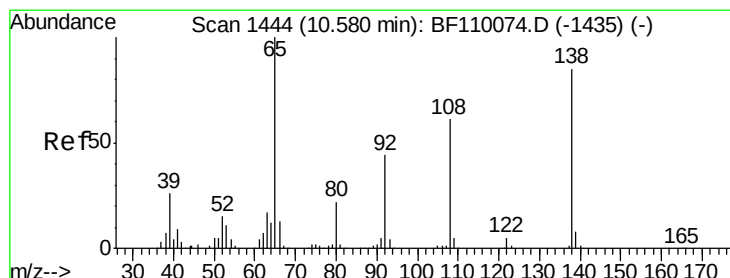
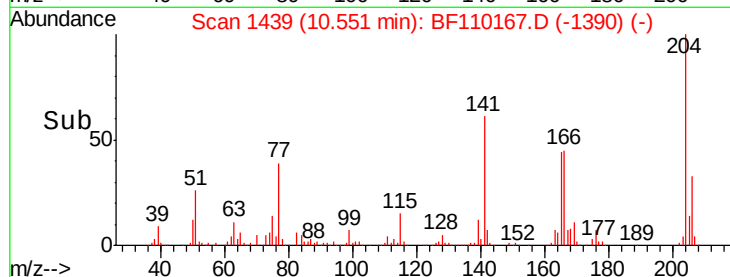
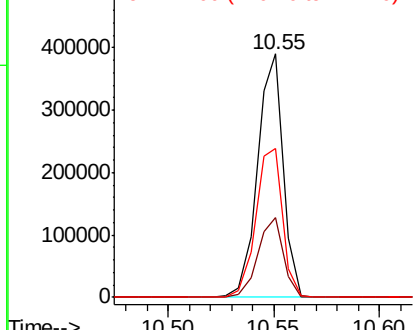


Abundance

Ion 204.00 (203.70 to 204.70): E

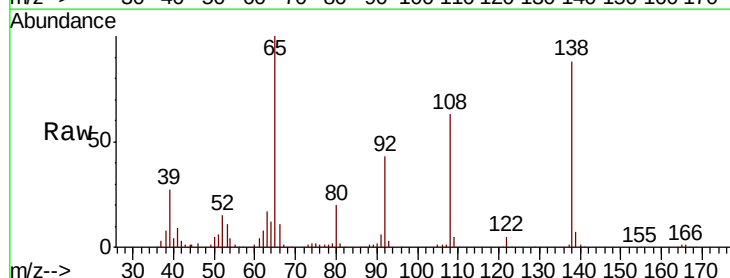
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.663 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.7	71.7
108	71.4	59.3	99.3

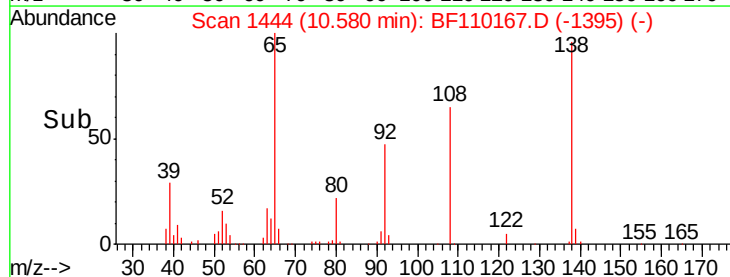
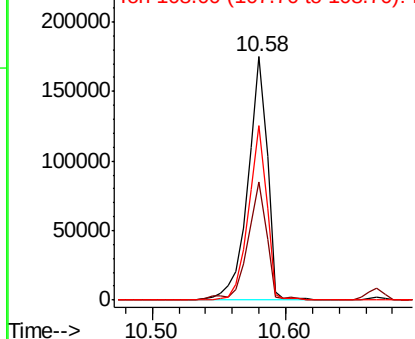


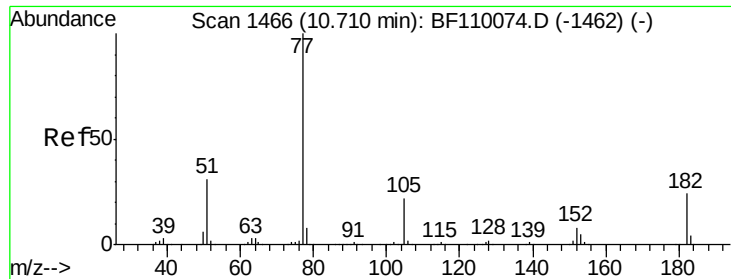
Abundance

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

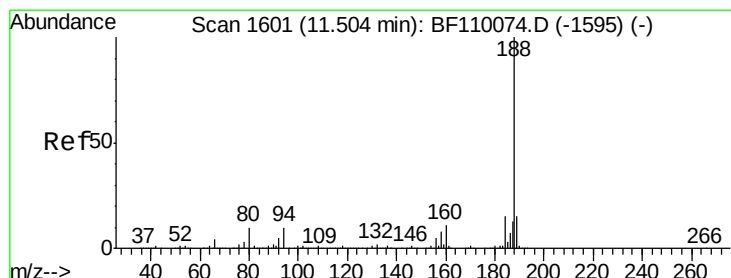
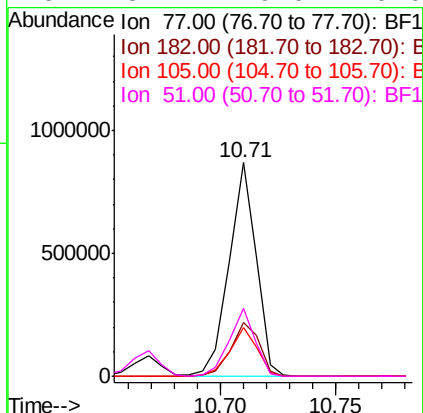
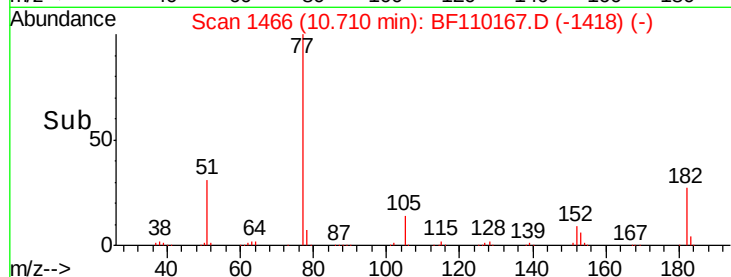
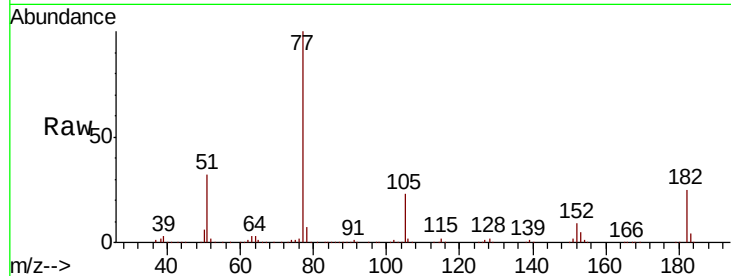




#63
Azobenzene
Concen: 35.977 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

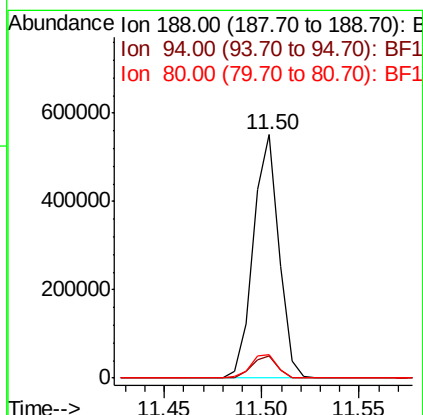
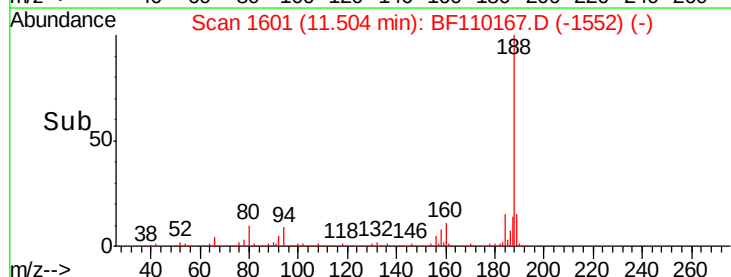
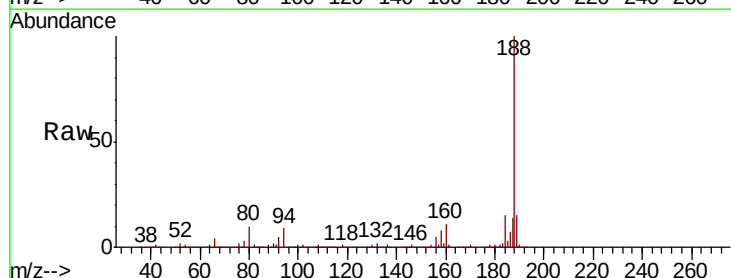
Instrument :
BNA_F
ClientSampleId :

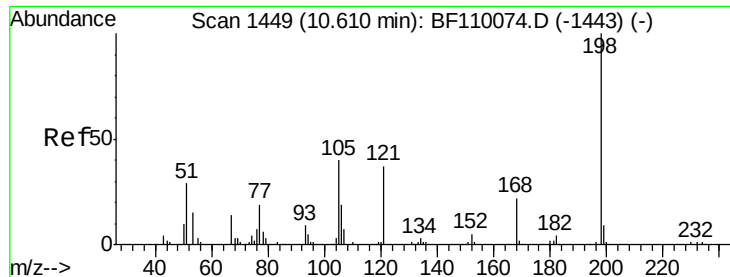
Tot Ion:	77	Resp:	707913
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.3	44.3
105	22.8	1.3	41.3
51	31.7	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion:	188	Resp:	499735
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.6	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 23.300 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

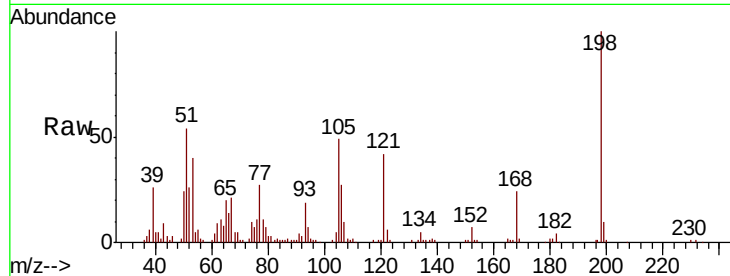
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 53197

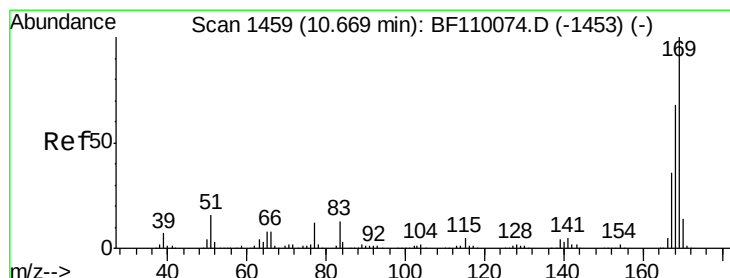
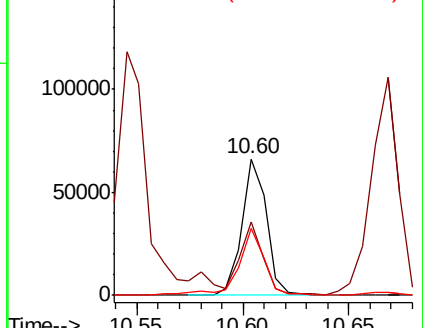
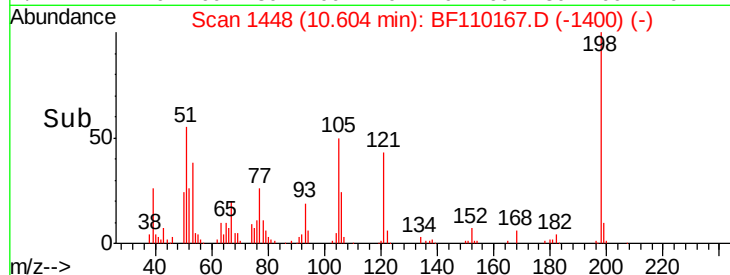
Ion	Ratio	Lower	Upper
198	100		
51	53.8	22.8	62.8
105	49.3	23.6	63.6



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: 37.901 ng

RT: 10.67 min Scan# 1459

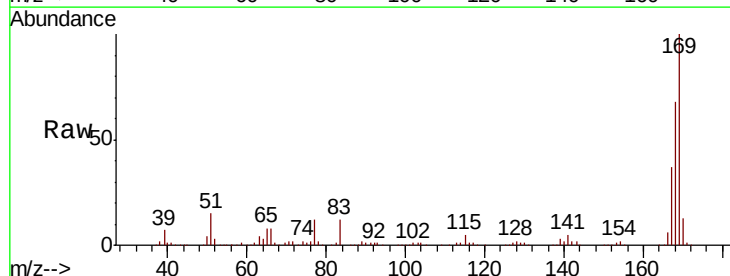
Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:169 Resp: 621252

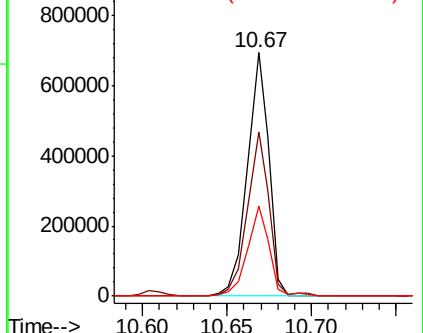
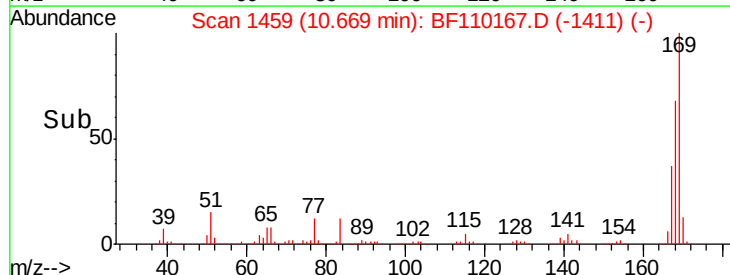
Ion	Ratio	Lower	Upper
169	100		
168	67.7	51.2	76.8
167	36.9	27.8	41.6

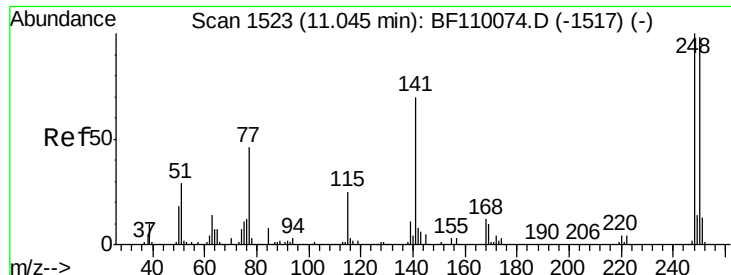


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

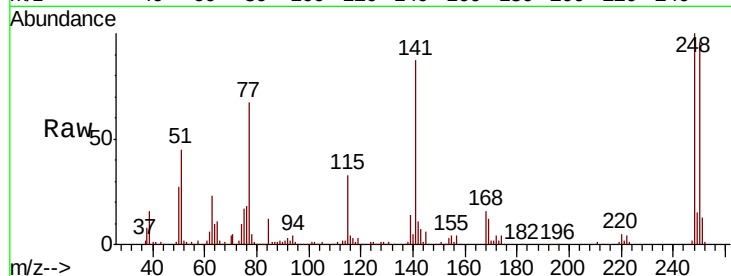




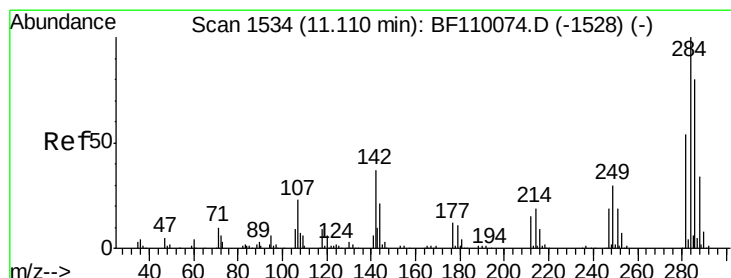
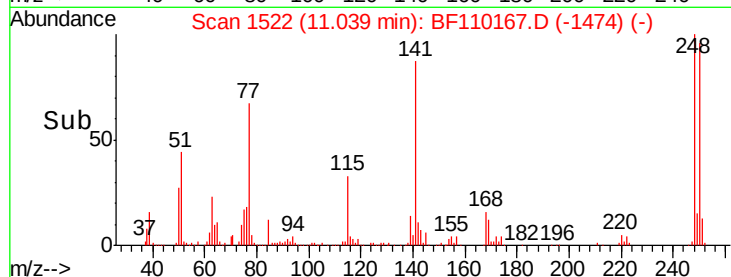
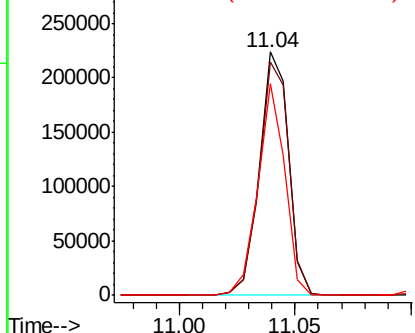
#67
4-Bromophenyl-phenylether
Concen: 36.399 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 197305
Ion Ratio Lower Upper
248 100
250 95.9 79.4 119.2
141 86.9 55.9 83.9#

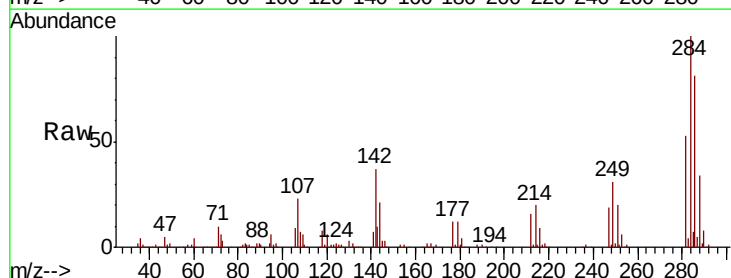


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

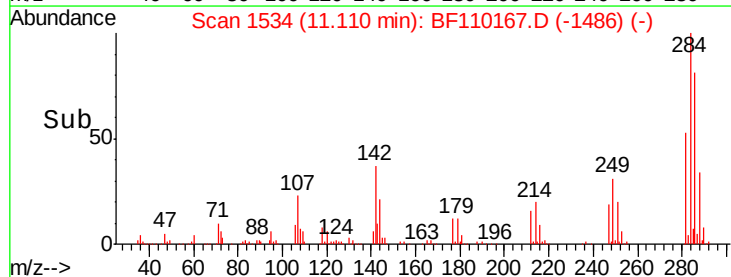
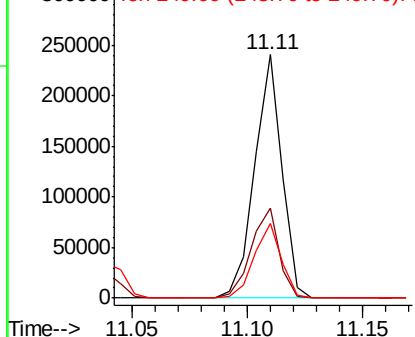


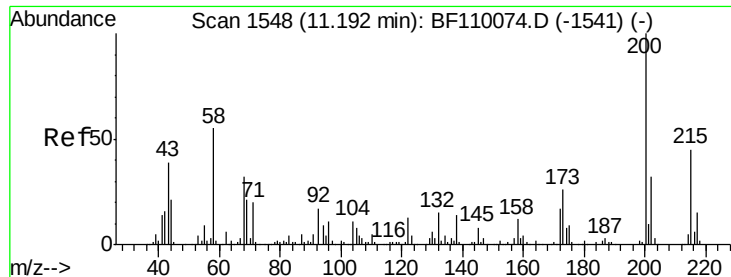
#68
Hexachlorobenzene
Concen: 34.422 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion:284 Resp: 197977
Ion Ratio Lower Upper
284 100
142 36.9 23.9 35.9#
249 30.8 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

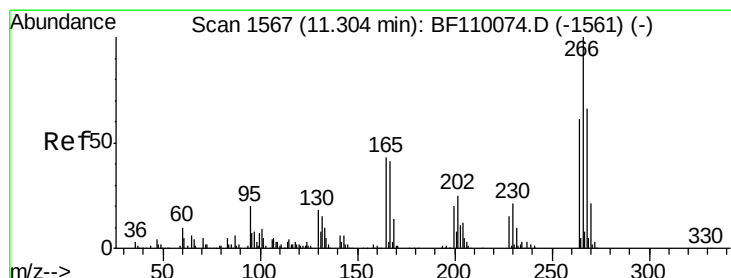
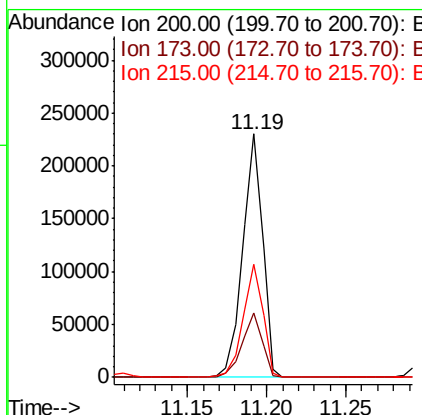
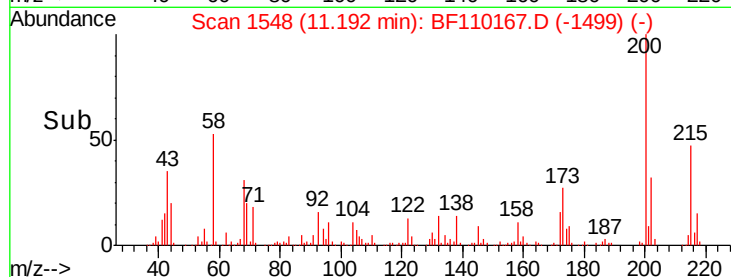
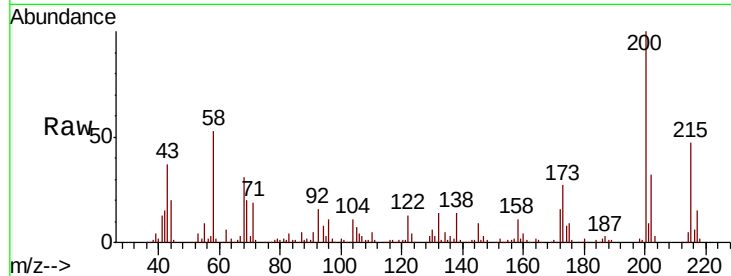




#69
 Atrazine
 Concen: 38.739 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

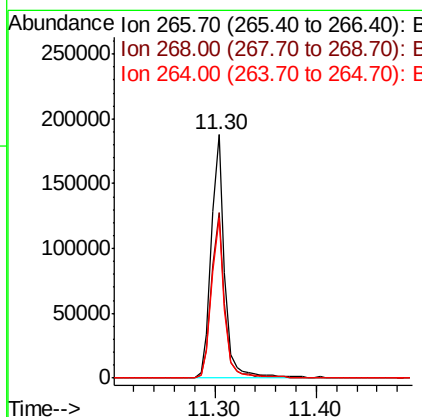
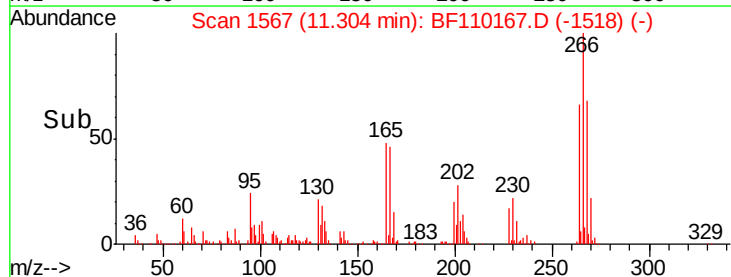
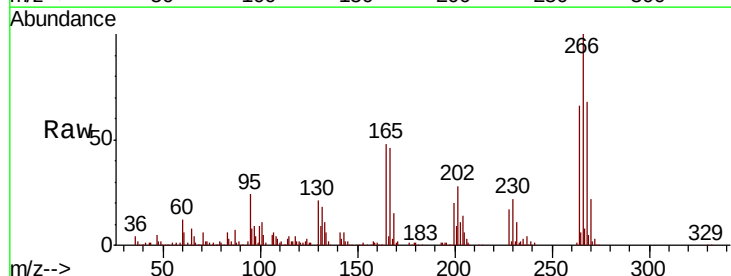
Instrument :
 BNA_F
 ClientSampleId :

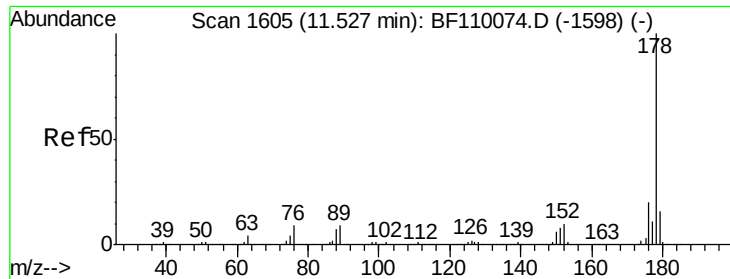
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	46.7	26.3	66.3



#70
 Pentachlorophenol
 Concen: 51.626 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	50.6	75.8
264	66.0	50.6	75.8

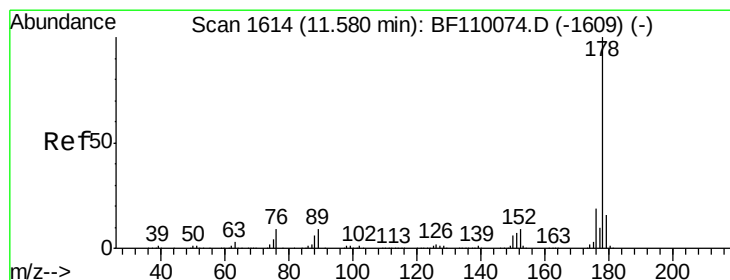
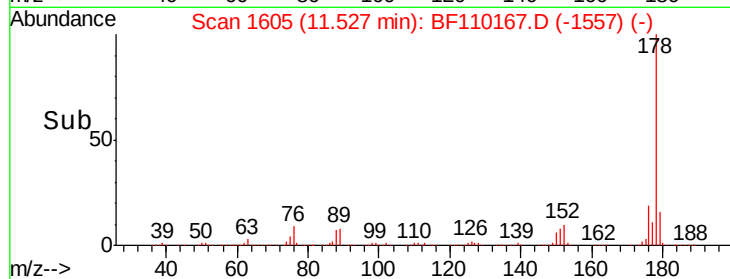
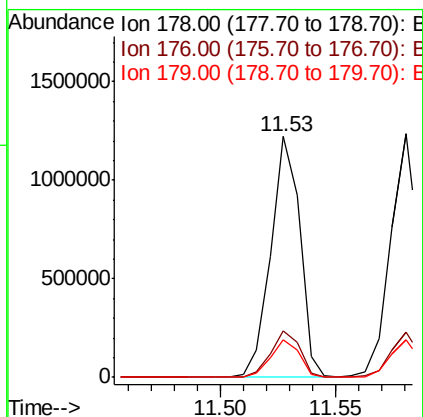
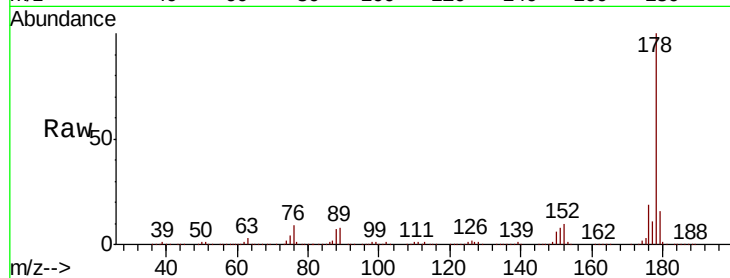




#71
Phenanthrene
Concen: 40.927 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

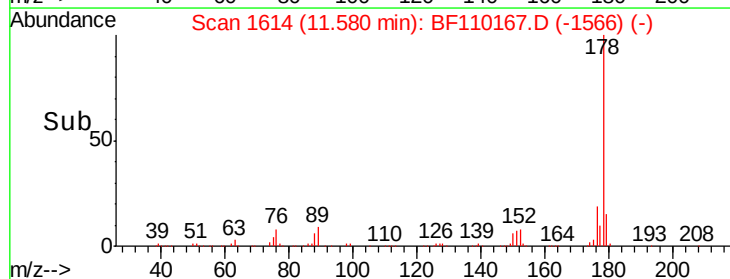
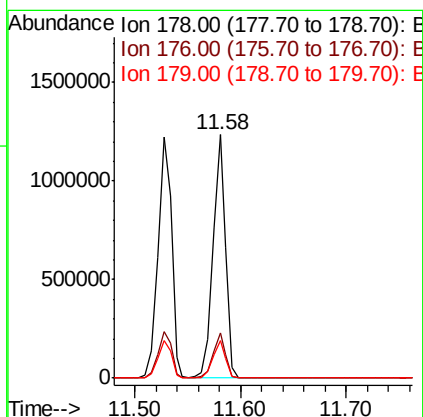
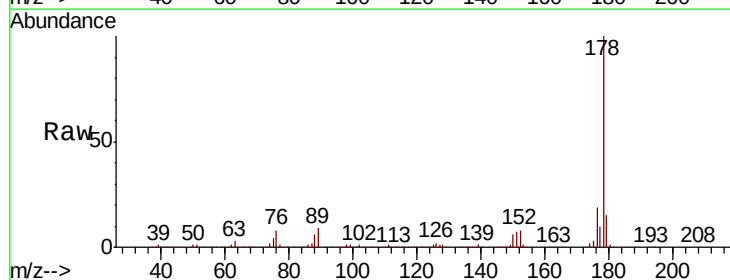
Instrument :
BNA_F
ClientSampleId :

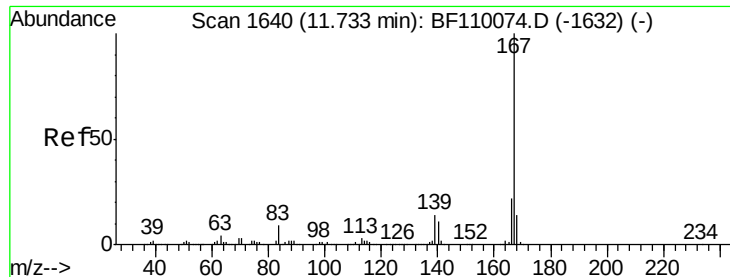
Tot Ion:178 Resp: 1070189
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 39.979 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion:178 Resp: 1047846
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.3 12.6 18.8

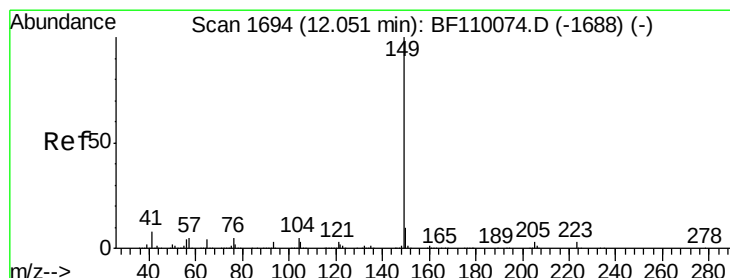
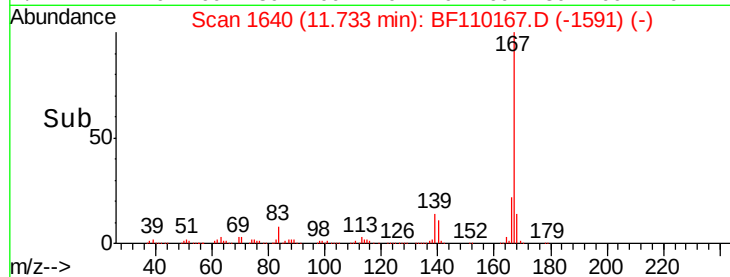
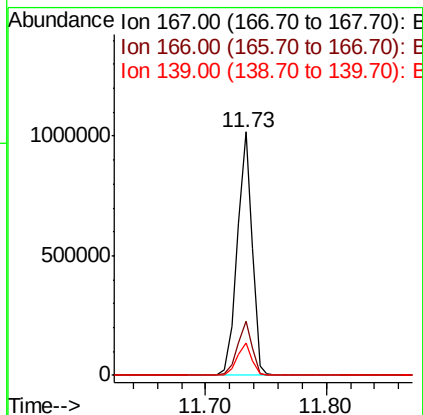
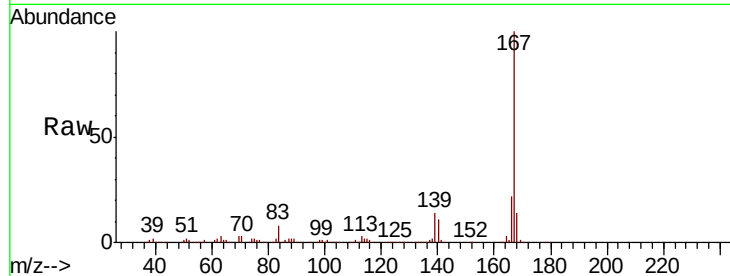




#73
 Carbazole
 Concen: 34.017 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

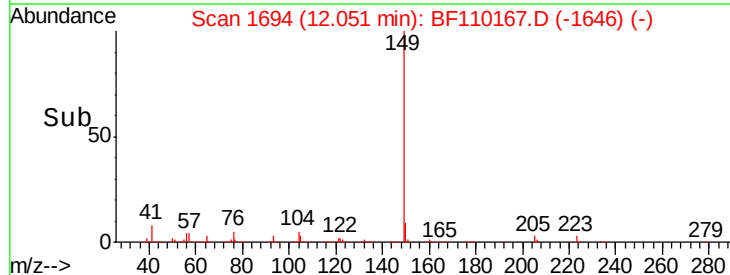
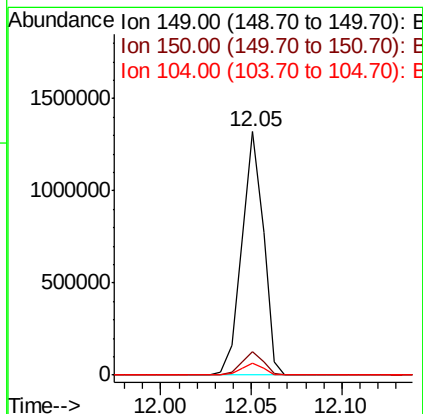
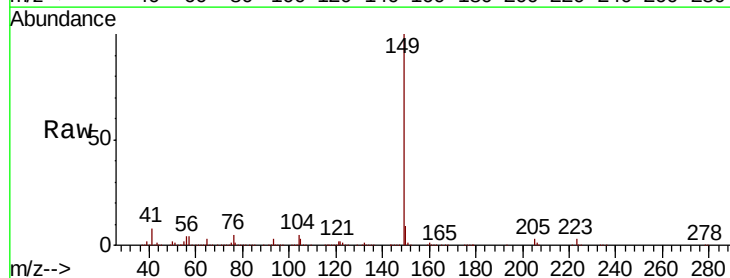
Instrument :
 BNA_F
 ClientSampleId :

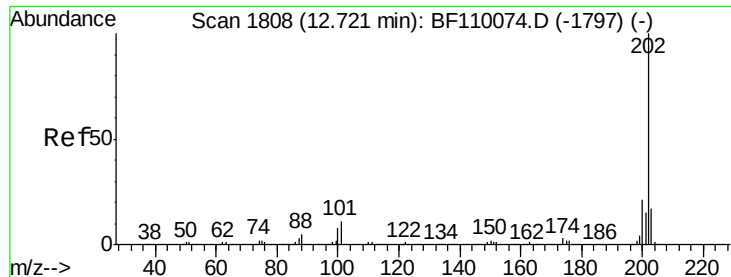
Tot Ion:167 Resp: 870512
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.686 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion:149 Resp: 1089220
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 36.166 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110167.D

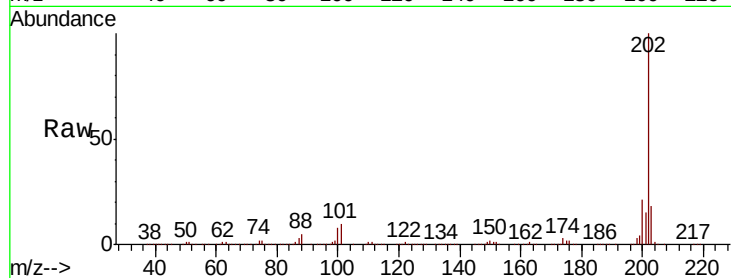
Acq: 25 Oct 2018 18:22

Instrument :

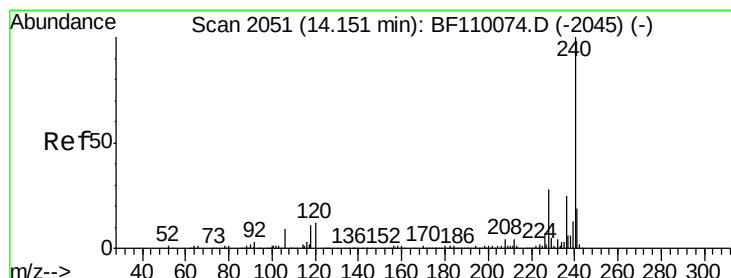
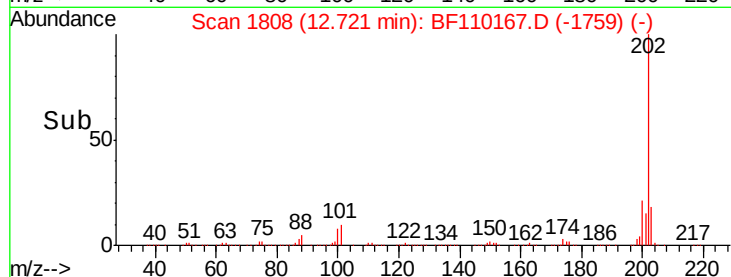
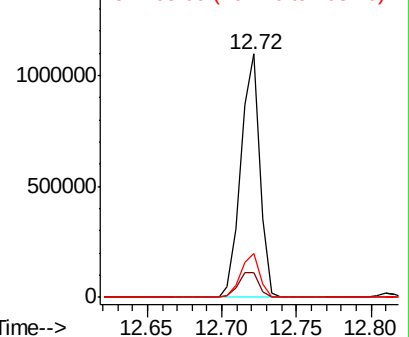
BNA_F

ClientSampled :

Tot Ion:	202	Resp:	959758
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	18.0	0.0	37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

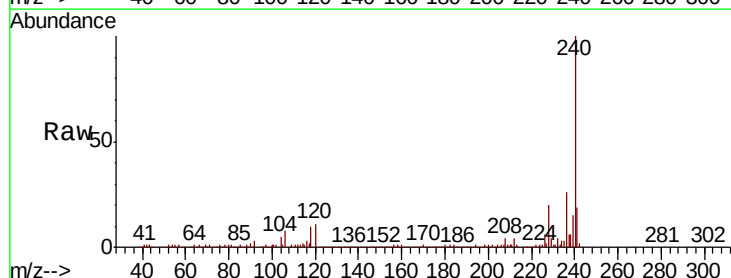
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

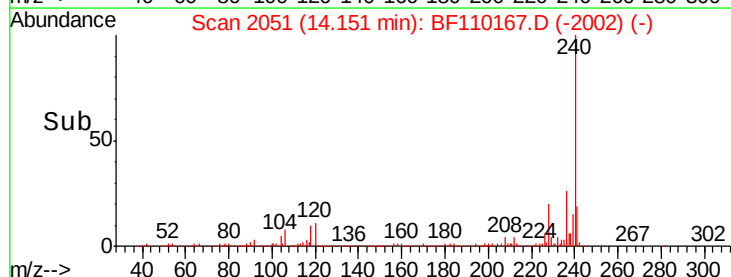
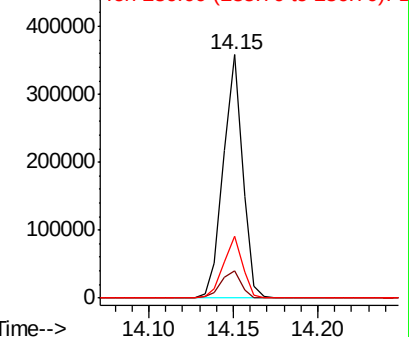
Lab File: BF110167.D

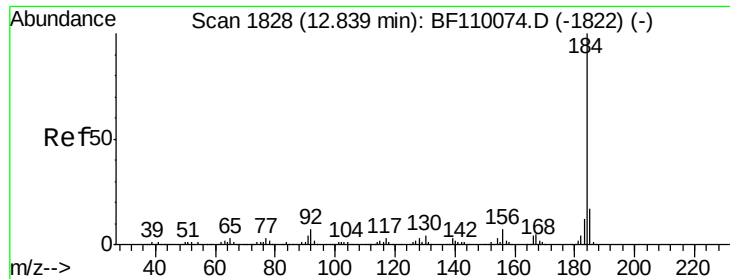
Acq: 25 Oct 2018 18:22

Tgt Ion:	240	Resp:	284396
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.5	21.2	31.8



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





#77

Benzidine

Concen: 33.116 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

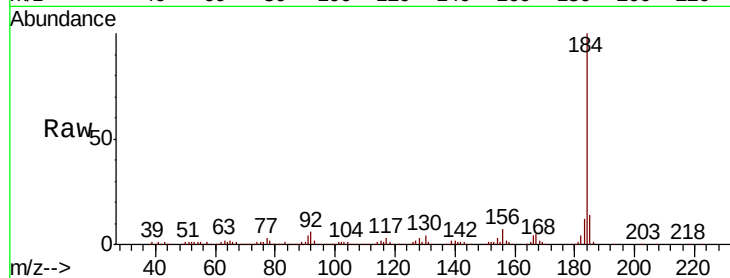
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 300103

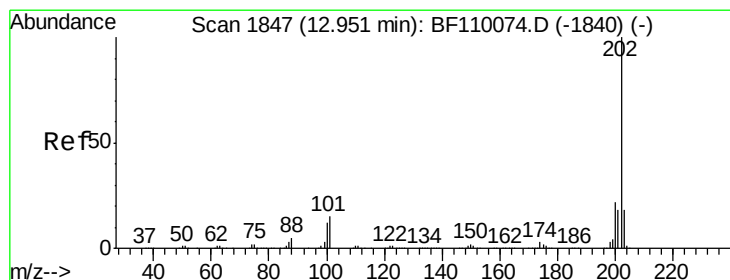
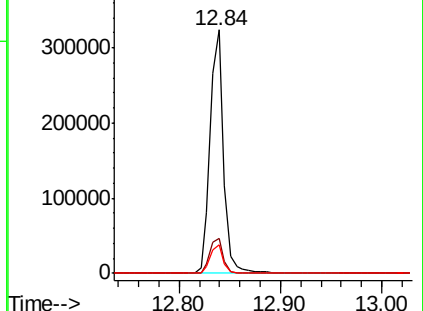
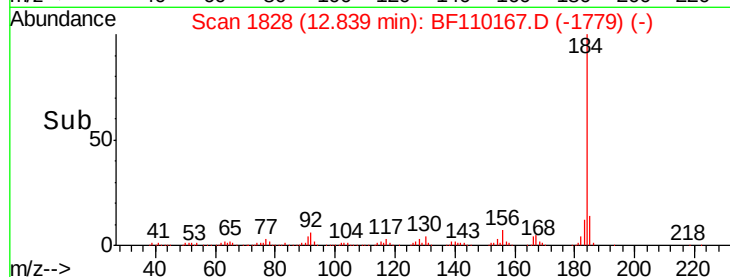
Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.2
183	11.7	9.4	14.2



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: 46.937 ng

RT: 12.95 min Scan# 1847

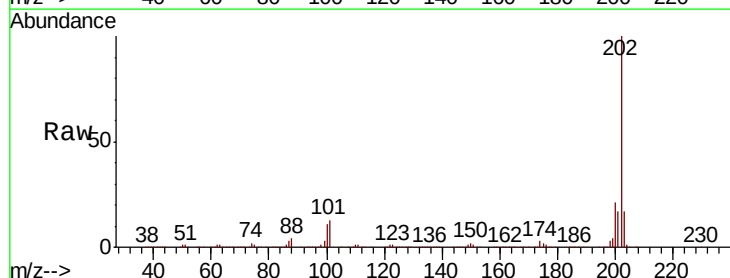
Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:202 Resp: 956985

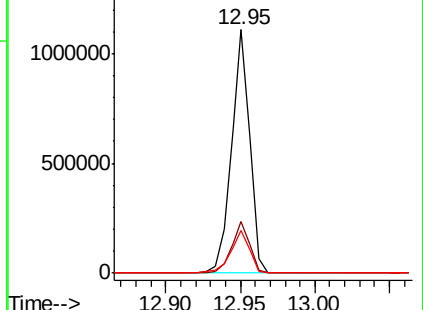
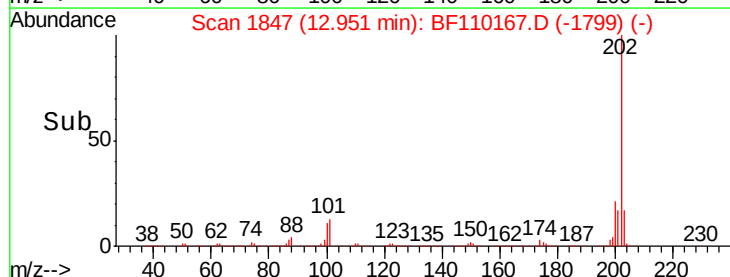
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.5	14.2	21.4

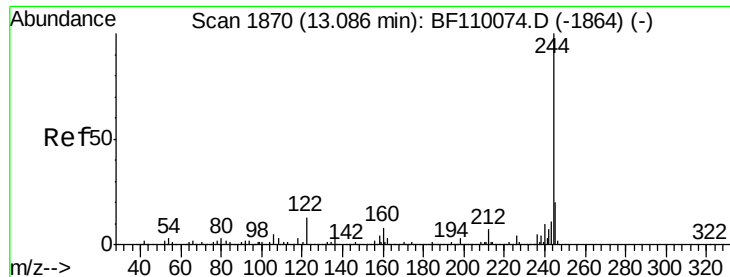


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.694 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

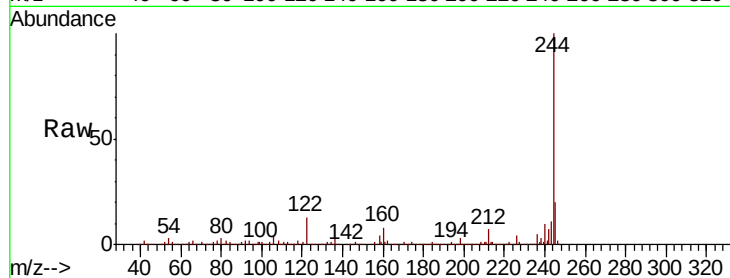
Tot Ion:244 Resp: 1253894

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.1	8.7	13.1

244 100

212 7.1 5.8 8.8

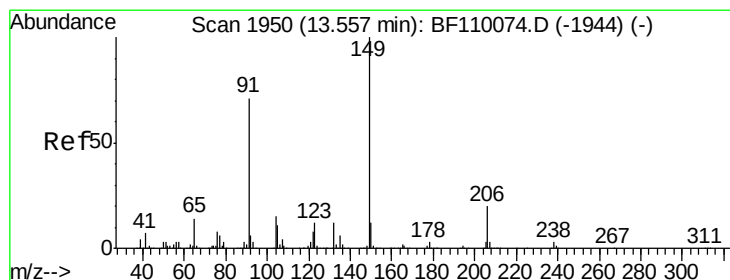
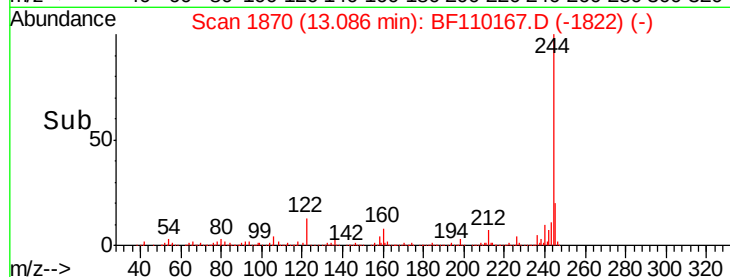
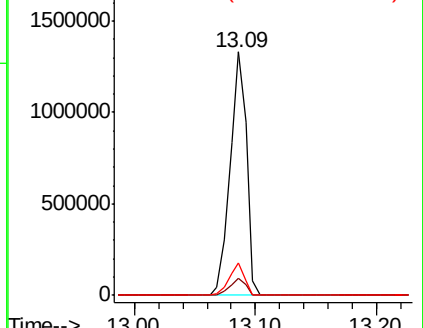
122 13.1 8.7 13.1#



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: 43.047 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

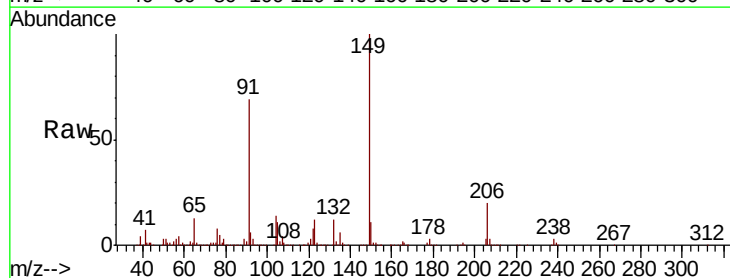
Tgt Ion:149 Resp: 380947

Ion	Ratio	Lower	Upper
149	100		
91	68.5	57.2	85.8
206	20.5	15.7	23.5

149 100

91 68.5 57.2 85.8

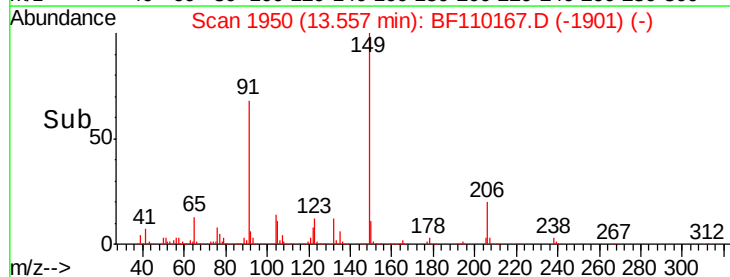
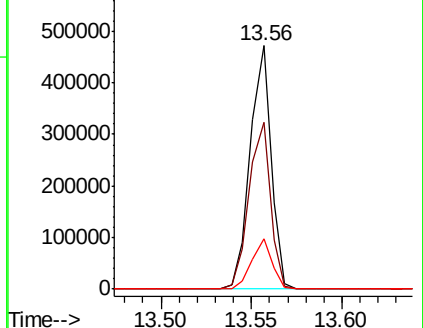
206 20.5 15.7 23.5

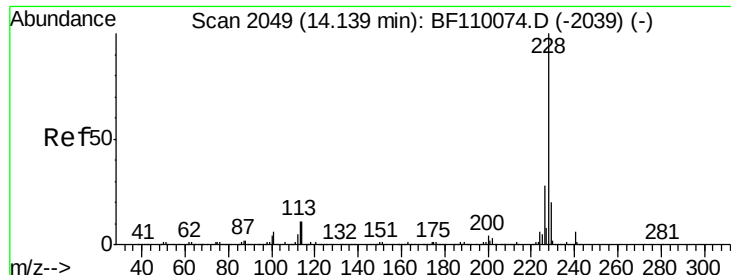


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

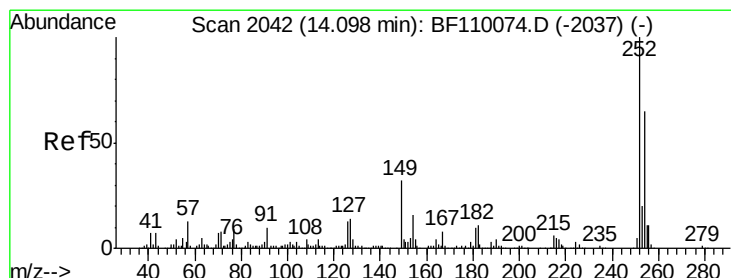
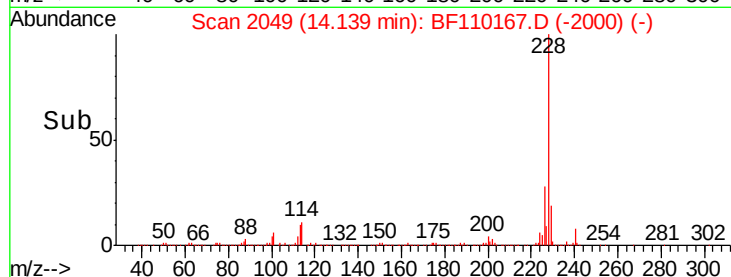
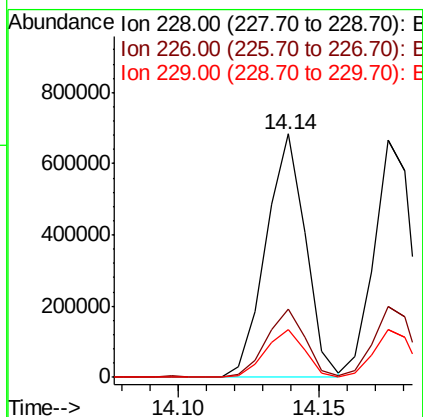
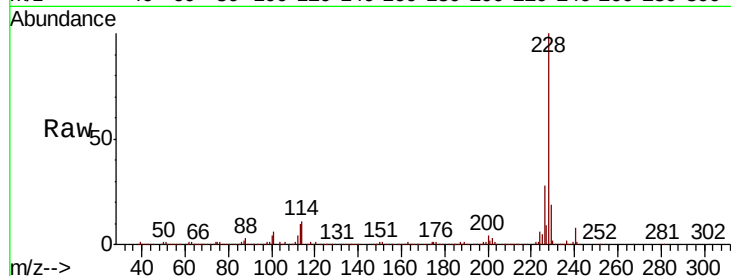




#81
Benzo(a)anthracene
Concen: 39.335 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

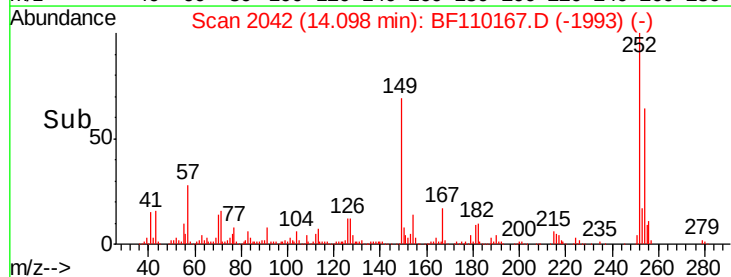
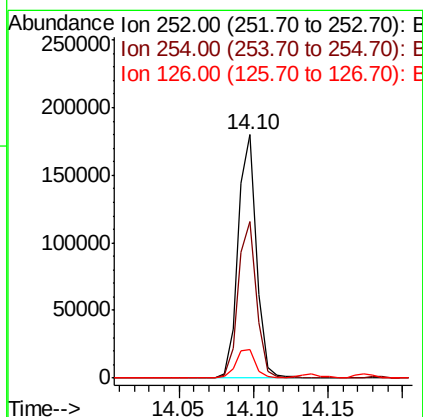
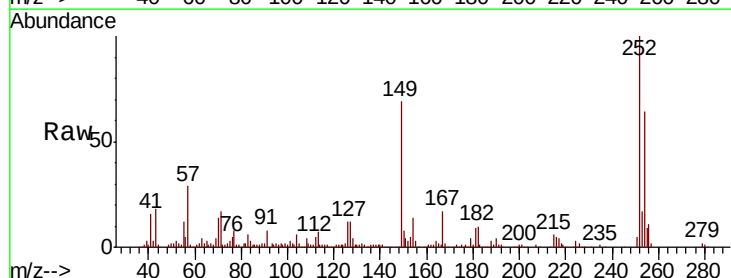
Instrument :
BNA_F
ClientSampled :

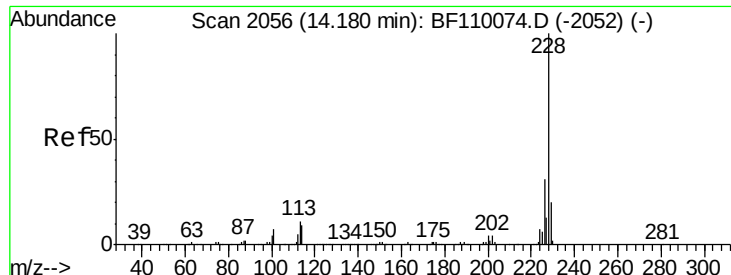
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.5	15.6	23.4



#82
3,3'-Dichlorobenzidine
Concen: 26.586 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	11.9	9.4	14.2





#83

Chrysene

Concen: 37.900 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampled :

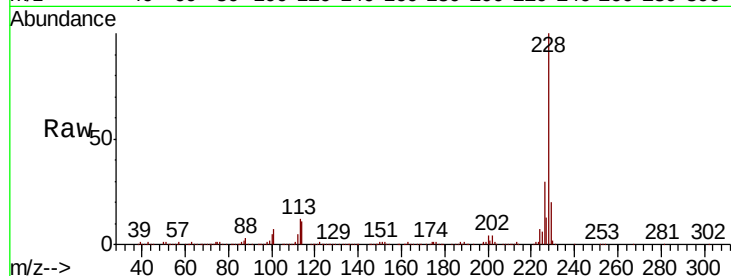
Tot Ion:228 Resp: 607103

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

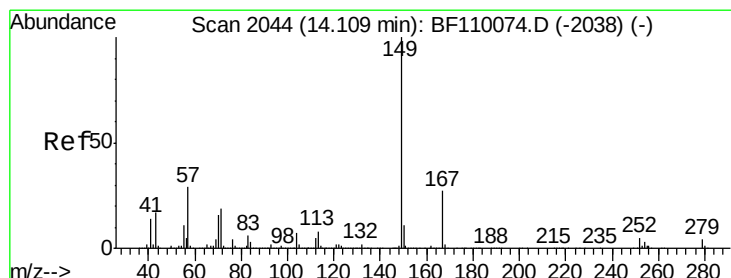
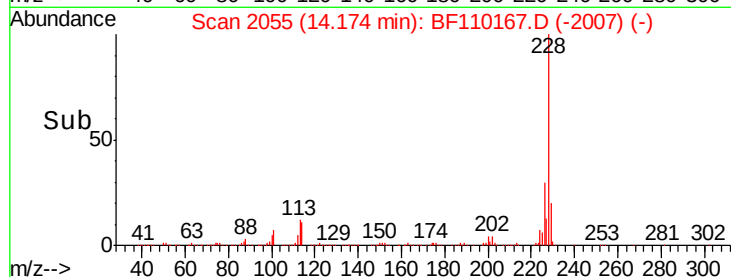
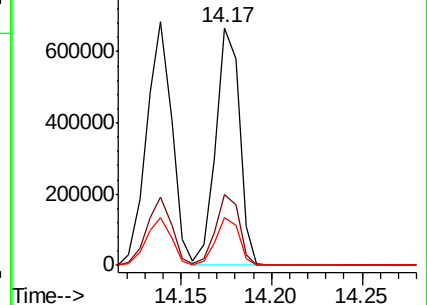
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.463 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

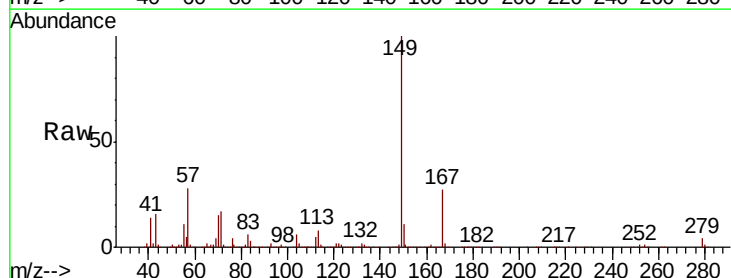
Tgt Ion:149 Resp: 519945

Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

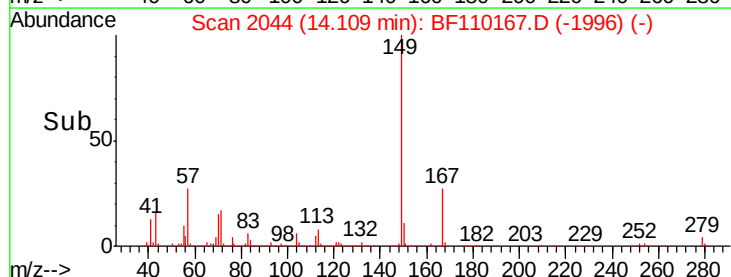
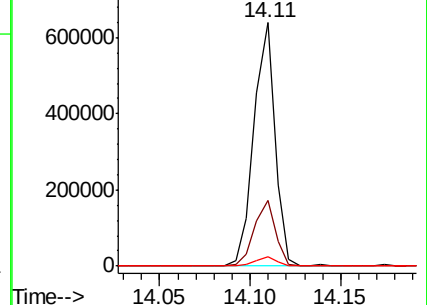
279 3.8 2.7 4.1

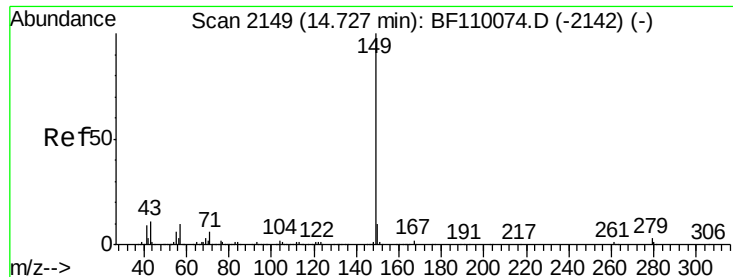


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

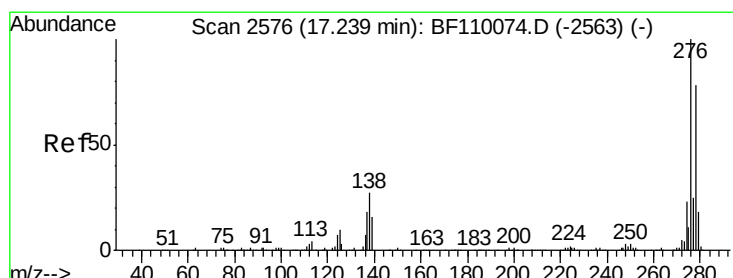
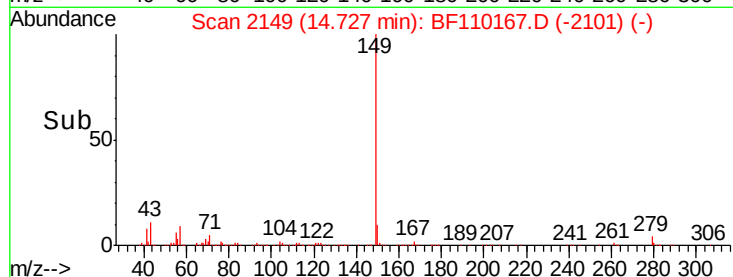
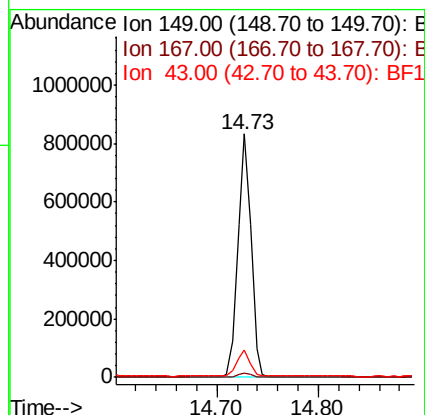
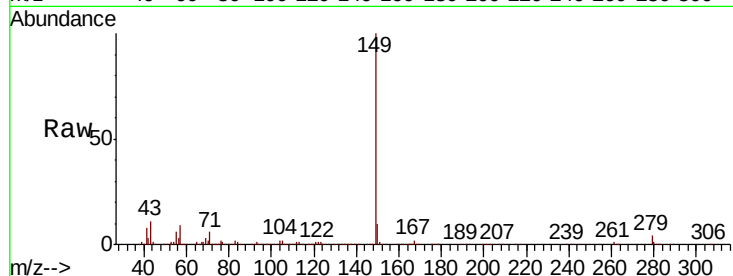




#85
Di-n-octyl phthalate
Concen: 40.484 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

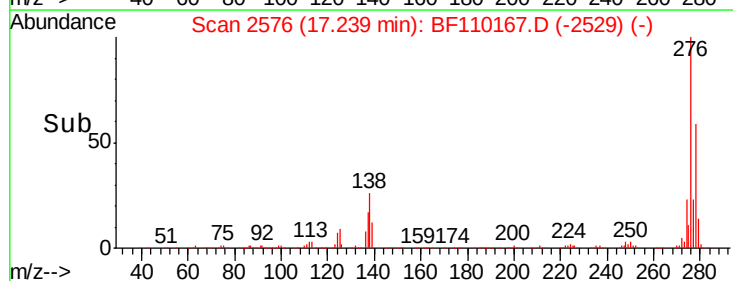
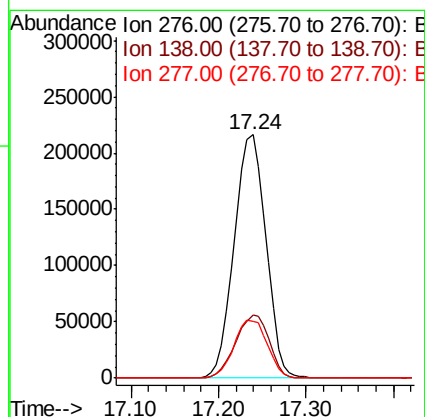
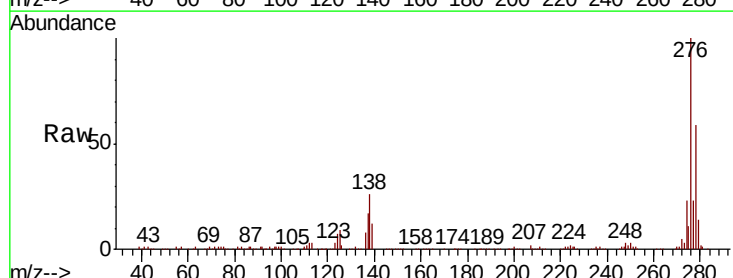
Instrument :
BNA_F
ClientSampleId :

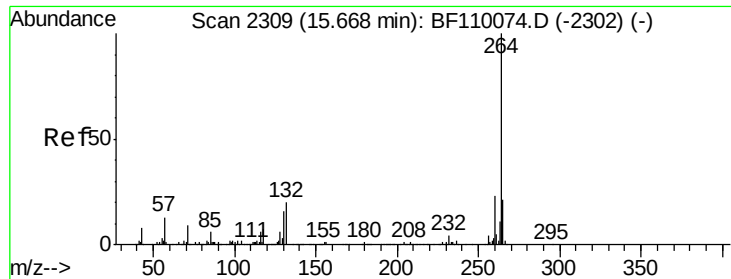
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7#
43	10.4	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.106 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	18.5	27.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampled :

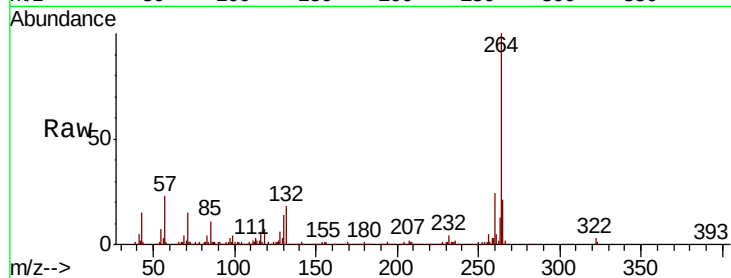
Tot Ion:264 Resp: 257140

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

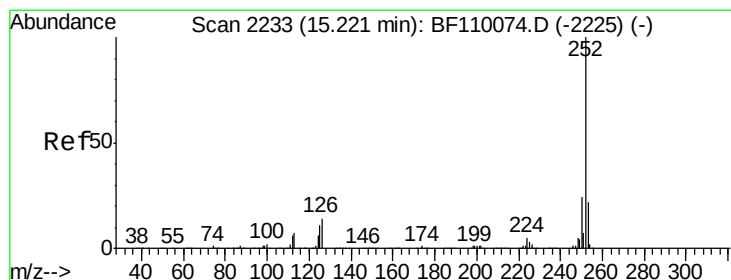
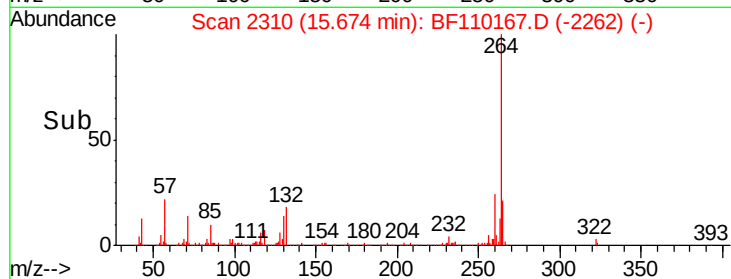
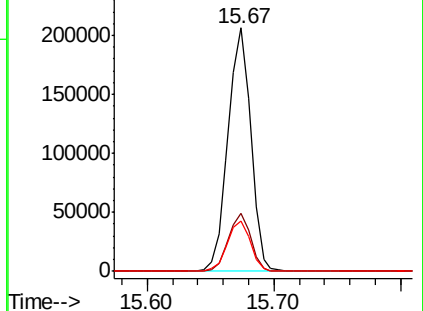
265 20.9 16.7 25.1



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: 37.862 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

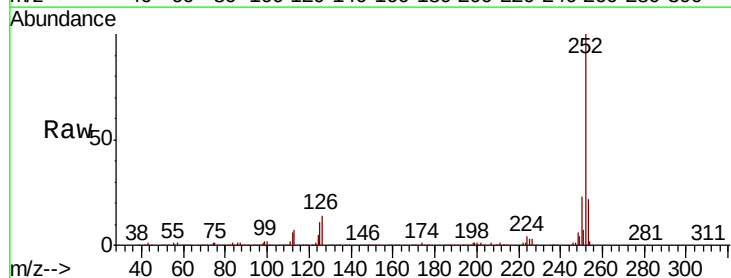
Tgt Ion:252 Resp: 562216

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

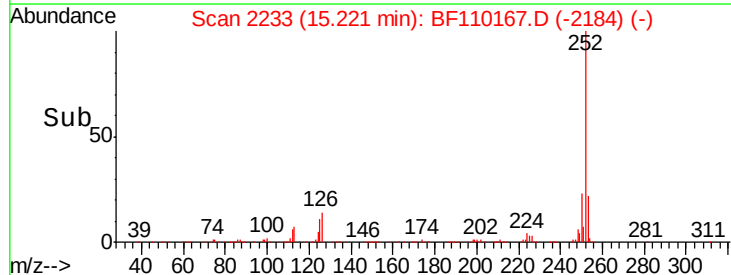
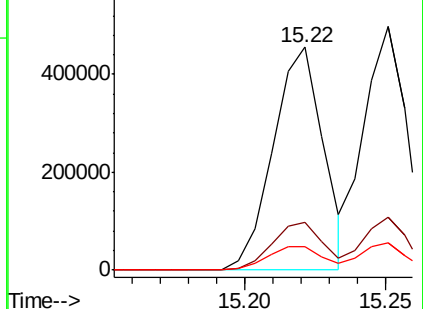
125 10.8 8.2 12.4

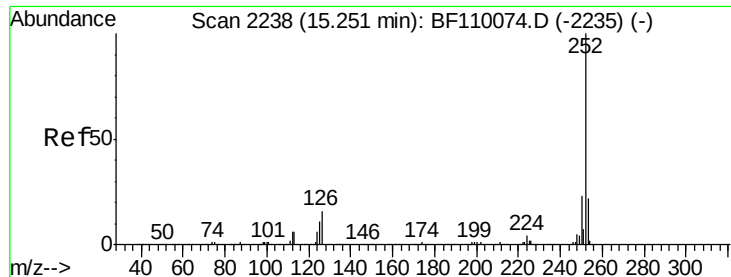


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

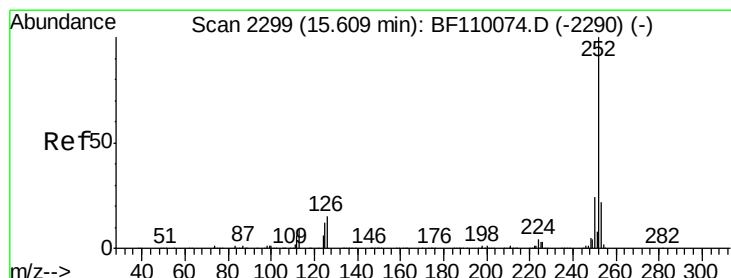
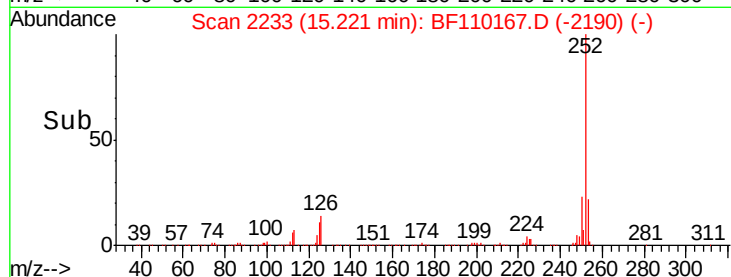
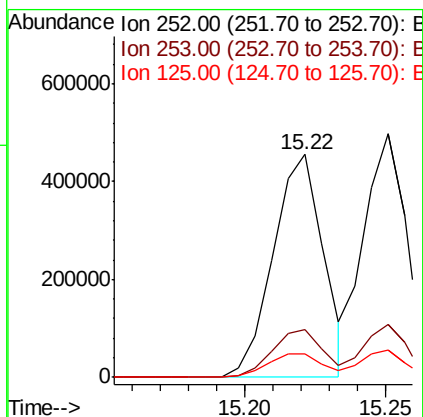
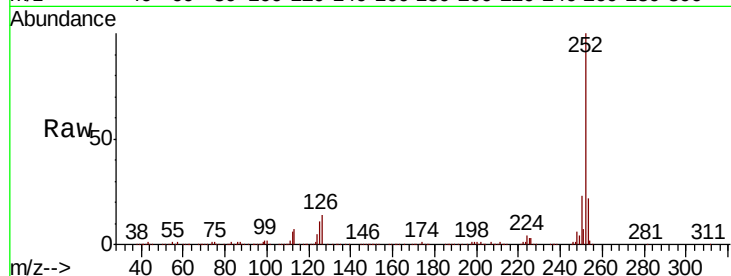




#89
Benzo(k)fluoranthene
Concen: 38.513 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

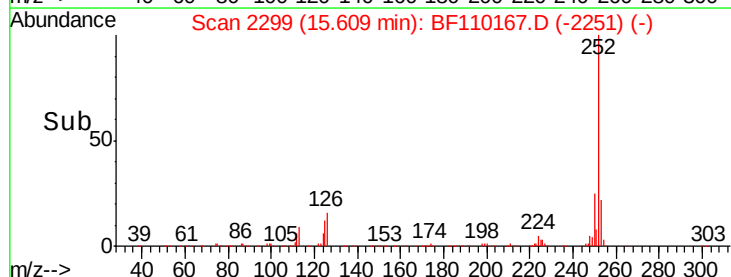
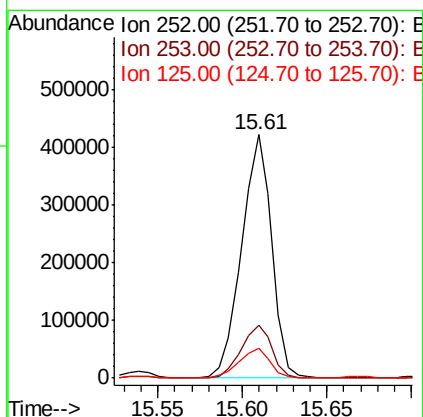
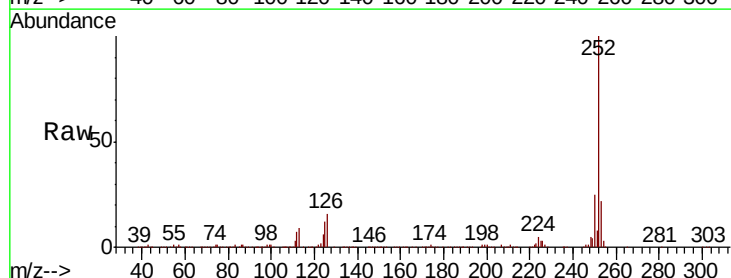
Instrument :
BNA_F
ClientSampleId :

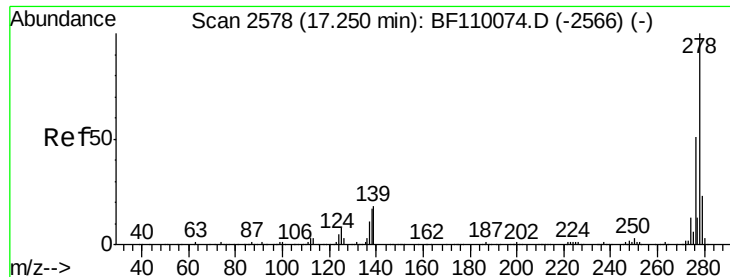
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 38.309 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.4	9.0	13.6



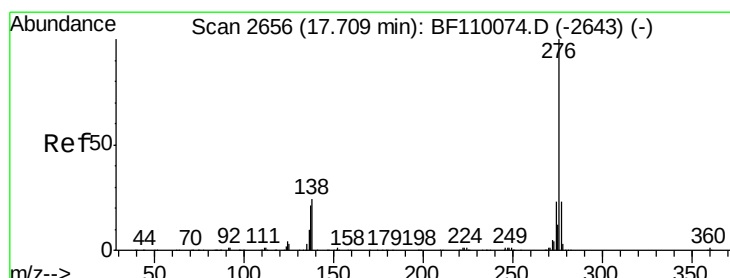
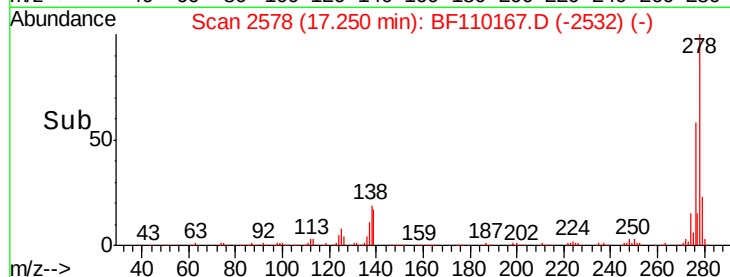
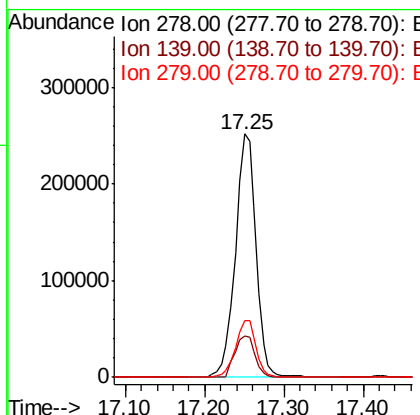
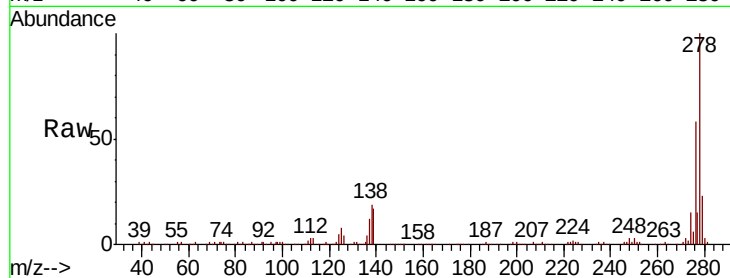


#91
Dibenzo(a,h)anthracene
Concen: 38.537 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 454328

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	23.3	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 35.733 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion:276 Resp: 415124

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	22.4	16.0	24.0

