

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110087.D
 Acq On : 23 Oct 2018 19:42
 Operator : JU/SJ
 Sample : J5164-03
 Misc : MDL 1PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:54:20 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	6.96	152	177617	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	760048	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	368010	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	714435	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	612481	20.00	ng	-0.02
87) Perylene-d12	15.67	264	533979	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1385347	127.01	ng	-0.02
7) Phenol-d6	6.59	99	1757125	125.95	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1033129	80.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	468257	128.45	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1888017	80.56	ng	-0.01
79) Terphenyl-d14	13.09	244	1999683	67.90	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	5015	0.878	ng	95
3) Pyridine	3.76	79	11132	0.875	ng	93
4) n-Nitrosodimethylamine	3.57	42	4670	0.876	ng	# 87
6) Aniline	6.63	93	13809	0.760	ng	# 54
8) 2-Chlorophenol	6.75	128	13297	1.057	ng	# 75
9) Benzaldehyde	6.52	77	8192	0.043	ng	93
10) Phenol	6.60	94	15396	1.032	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	14050	1.145	ng	92
12) 1,3-Dichlorobenzene	6.90	146	15349	1.109	ng	96
13) 1,4-Dichlorobenzene	6.98	146	14967	1.069	ng	95
14) 1,2-Dichlorobenzene	7.13	146	14456	1.113	ng	98
15) Benzyl Alcohol	7.12	79	26976	2.514	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	7.23	45	21851	1.114	ng	72
17) 2-Methylphenol	7.20	107	10961	1.094	ng	# 84
18) Hexachloroethane	7.47	117	5820	1.136	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	9144	1.022	ng	# 87
20) 3+4-Methylphenols	7.36	107	12649	0.976	ng	# 77
22) Acetophenone	7.36	105	19993	1.142	ng	96
24) Nitrobenzene	7.55	77	17307	1.308	ng	89
25) Isophorone	7.53	82	1031069	47.203	ng	# 67
26) 2-Nitrophenol	7.86	139	5357	0.851	ng	94
27) 2,4-Dimethylphenol	7.89	122	10630	1.018	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	16042	1.081	ng	97
29) 2,4-Dichlorophenol	8.10	162	9913	0.940	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	12798	1.083	ng	93
31) Naphthalene	8.27	128	42396	1.210	ng	98
32) Benzoic acid	7.94	122	2930	0.363	ng	# 81
33) 4-Chloroaniline	8.32	127	11084	0.703	ng	95
34) Hexachlorobutadiene	8.38	225	6887	1.050	ng	96
35) Caprolactam	8.64	113	2934	0.798	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	10754	0.943	ng	95
37) 2-Methylnaphthalene	8.96	142	27610	1.191	ng	95
38) 1-Methylnaphthalene	8.96	142	27610	1.233	ng	93
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	11917	1.039	ng	99

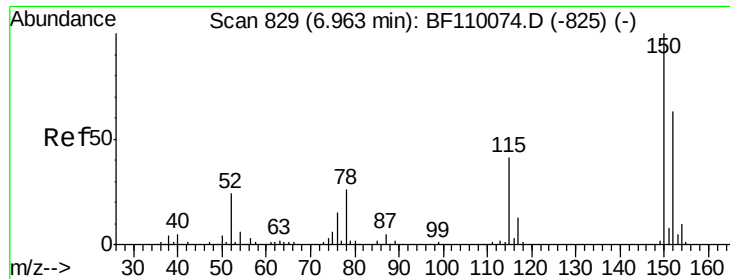
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110087.D
 Acq On : 23 Oct 2018 19:42
 Operator : JU/SJ
 Sample : J5164-03
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Quant Time: Oct 24 02:54:20 2018
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 Quant Title : ASP BNA 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	9.11	237	4660	0.795	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	6554	0.886	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	7483	0.957	ng	96
46) 1,1'-Biphenyl	9.42	154	38577	1.159	ng	98
47) 2-Chloronaphthalene	9.45	162	27011	1.106	ng	96
48) 2-Nitroaniline	9.55	65	6897	0.932	ng	90
49) Acenaphthylene	9.87	152	41214	1.169	ng	98
50) Dimethylphthalate	9.71	163	30107	1.108	ng	98
51) 2,6-Dinitrotoluene	9.78	165	5726	0.979	ng	94
52) Acenaphthene	10.04	154	26118	1.120	ng	97
53) 3-Nitroaniline	9.95	138	5427	0.780	ng #	94
54) 2,4-Dinitrophenol	10.06	184	490	5.372	ng #	75
55) Dibenzofuran	10.21	168	38467	1.178	ng	95
56) 4-Nitrophenol	10.10	139	3745	0.727	ng	89
57) 2,4-Dinitrotoluene	10.19	165	6659	0.896	ng #	92
58) Fluorene	10.55	166	30255	1.245	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	6052	0.950	ng #	98
60) Diethylphthalate	10.42	149	29250	1.103	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	14446	1.127	ng	97
62) 4-Nitroaniline	10.56	138	6346	0.917	ng	93
63) Azobenzene	10.70	77	29362	1.115	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	1336	0.409	ng	85
66) n-Nitrosodiphenylamine	10.66	169	24486	1.045	ng	96
67) 4-Bromophenyl-phenylether	11.04	248	7585	0.979	ng	87
68) Hexachlorobenzene	11.10	284	8875	1.079	ng #	85
69) Atrazine	11.18	200	7648	1.033	ng	95
70) Pentachlorophenol	11.30	266	1621	0.338	ng #	84
71) Phenanthrene	11.52	178	46145	1.234	ng	99
72) Anthracene	11.57	178	46590	1.243	ng	97
73) Carbazole	11.73	167	38597	1.055	ng	98
74) Di-n-butylphthalate	12.05	149	45586	1.103	ng	99
75) Fluoranthene	12.72	202	45874	1.209	ng	99
77) Benzidine	12.83	184	7255	0.281	ng	95
78) Pyrene	12.94	202	46584	1.061	ng	97
80) Butylbenzylphthalate	13.55	149	16161	0.848	ng	97
81) Benzo(a)anthracene	14.13	228	42452	1.169	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	9199	0.727	ng	94
83) Chrysene	14.17	228	40534	1.175	ng	96
84) Bis(2-ethylhexyl)phthalate	14.10	149	24023	0.932	ng	99
85) Di-n-octyl phthalate	14.72	149	38555	0.962	ng #	95
86) Indeno(1,2,3-cd)pyrene	17.22	276	28826	1.007	ng #	93
88) Benzo(b)fluoranthene	15.21	252	34003	1.103	ng	99
89) Benzo(k)fluoranthene	15.24	252	34889	1.151	ng	97
90) Benzo(a)pyrene	15.60	252	31167	1.098	ng	97
91) Dibenzo(a,h)anthracene	17.23	278	24549	1.003	ng	97
92) Benzo(g,h,i)perylene	17.69	276	24122	1.000	ng	93

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

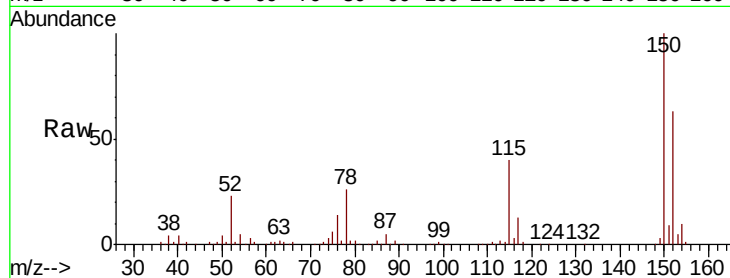


#1

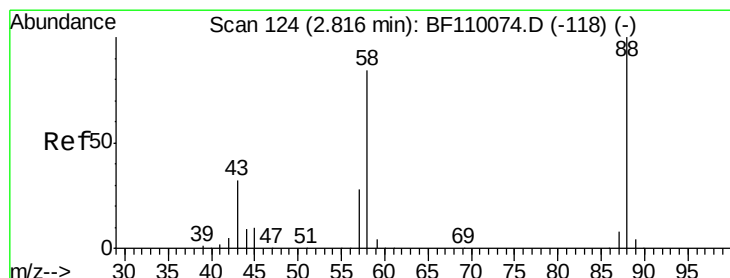
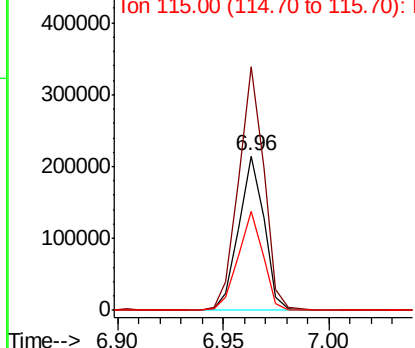
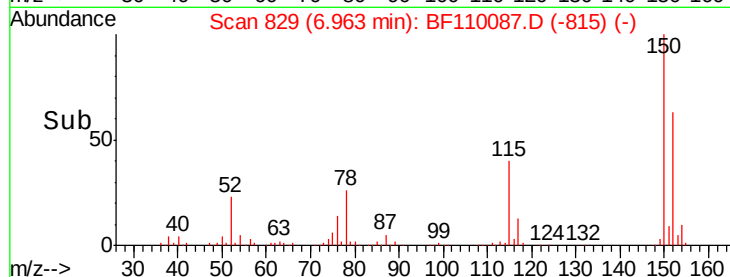
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177617
Ion Ratio Lower Upper
152 100
150 157.6 122.7 184.1
115 63.7 49.1 73.7



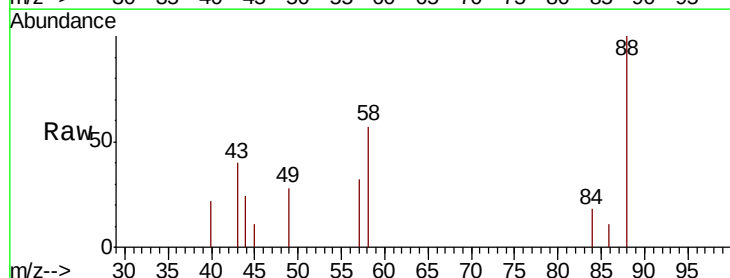
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



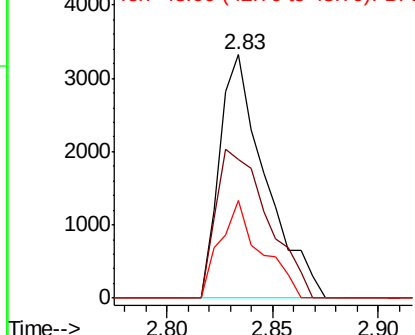
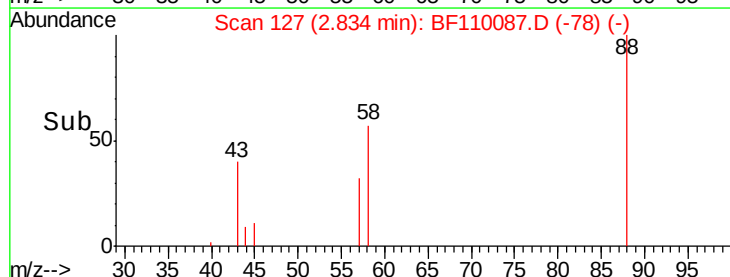
#2

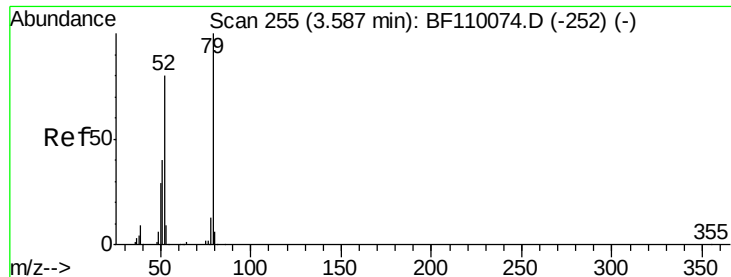
1,4-Dioxane
Concen: 0.878 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion: 88 Resp: 5015
Ion Ratio Lower Upper
88 100
58 69.1 57.1 85.7
43 35.6 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: 0.875 ng

RT: 3.76 min Scan# 285

Delta R.T. 0.15 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

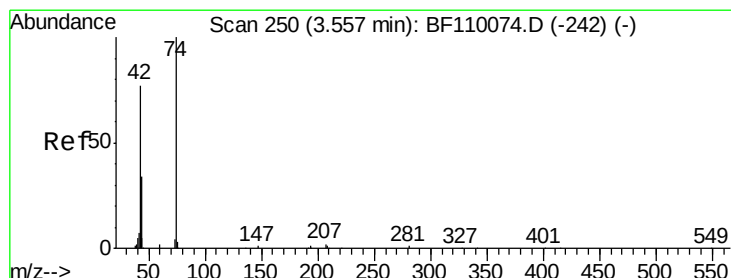
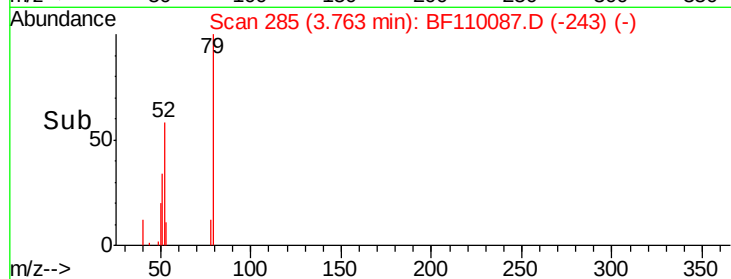
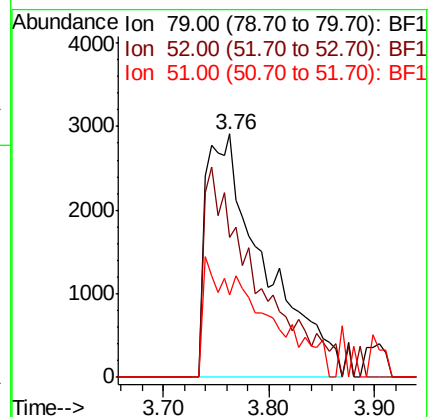
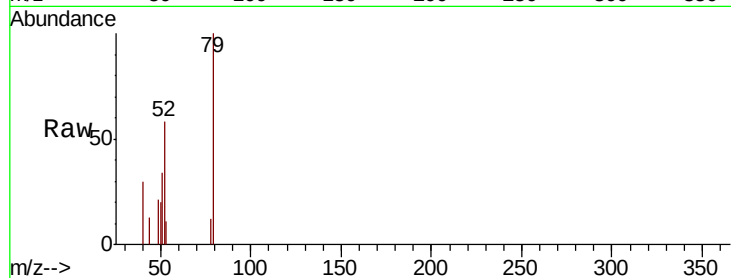
Tot Ion: 79 Resp: 11132

Ion Ratio Lower Upper

79 100

52 57.7 53.1 79.7

51 34.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 0.876 ng

RT: 3.57 min Scan# 252

Delta R.T. -0.01 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

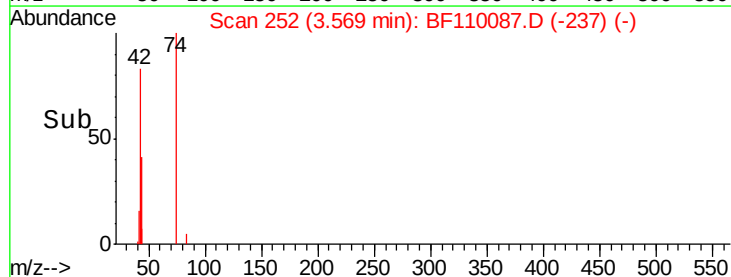
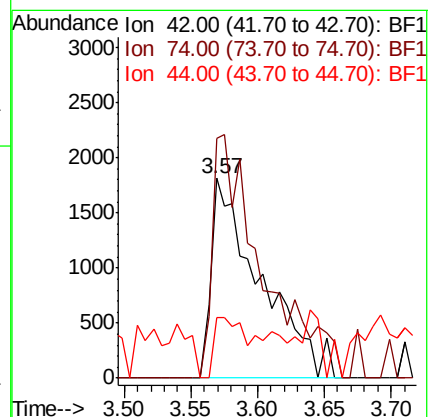
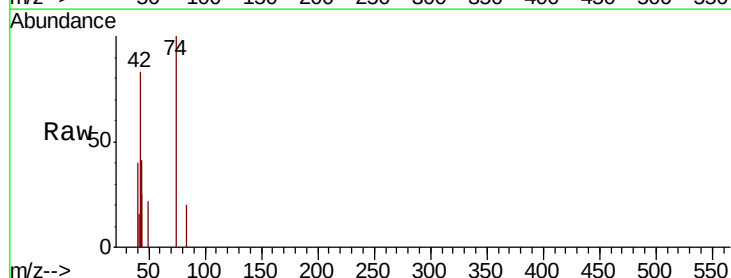
Tgt Ion: 42 Resp: 4670

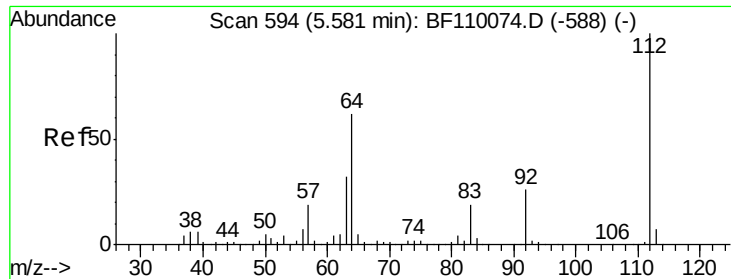
Ion Ratio Lower Upper

42 100

74 119.9 105.5 158.3

44 30.1 4.9 7.3#





#5

2-Fluorophenol

Concen: 127.013 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampled :

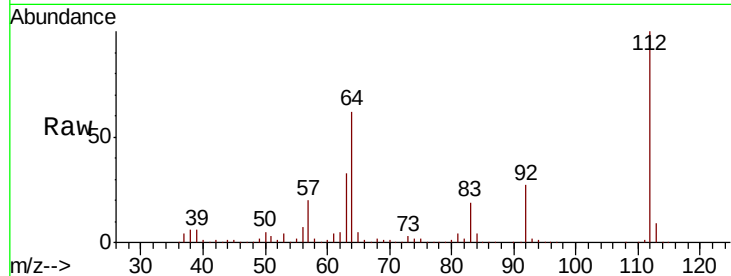
Tot Ion:112 Resp: 1385347

Ion Ratio Lower Upper

112 100

64 62.4 44.1 66.1

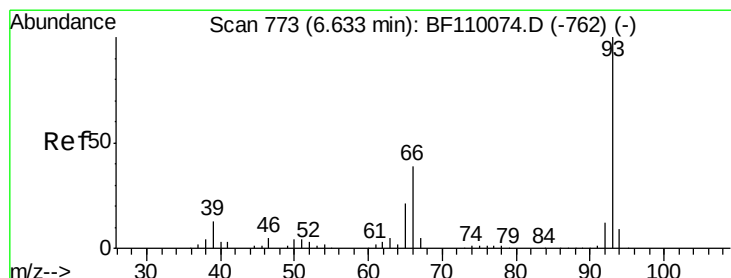
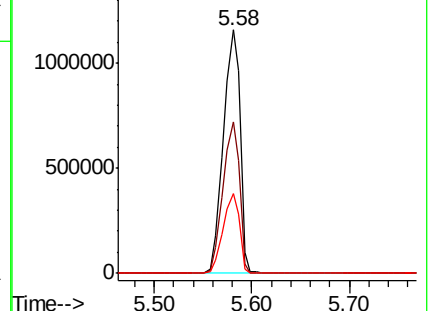
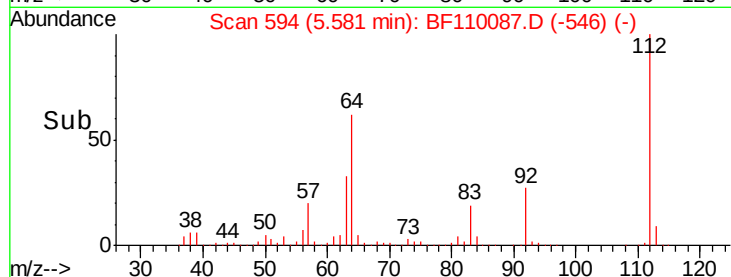
63 33.0 23.7 35.5



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: 0.760 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

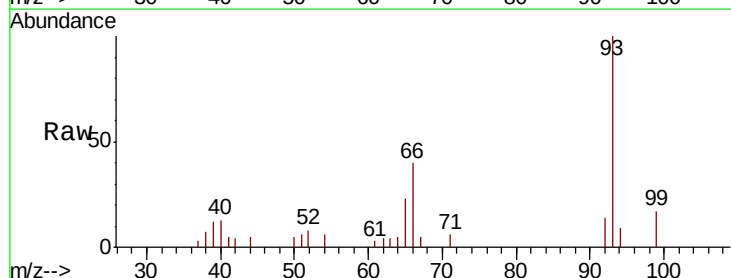
Tgt Ion: 93 Resp: 13809

Ion Ratio Lower Upper

93 100

66 40.1 67.4 101.0#

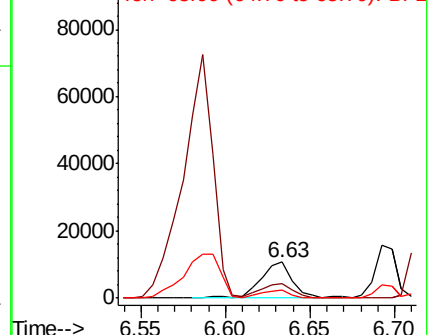
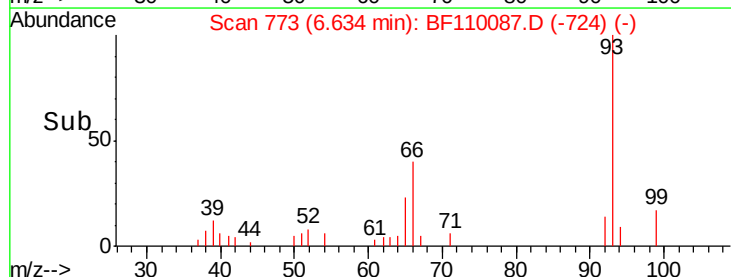
65 22.6 41.0 61.4#

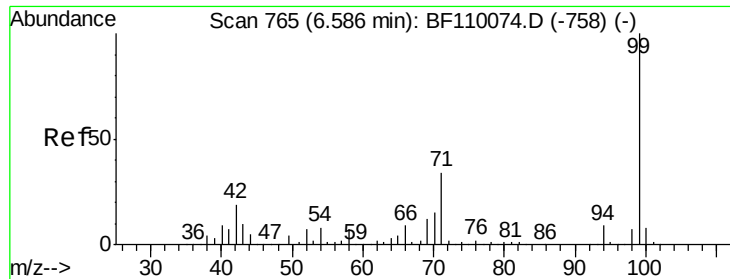


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.949 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

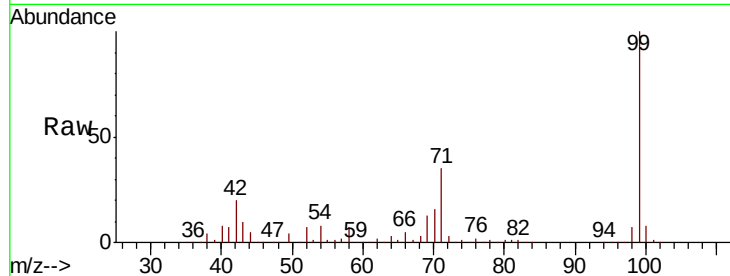
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1757125

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.6
71	35.4	28.0	42.0

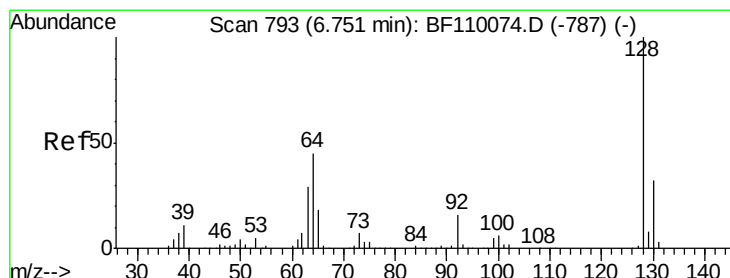
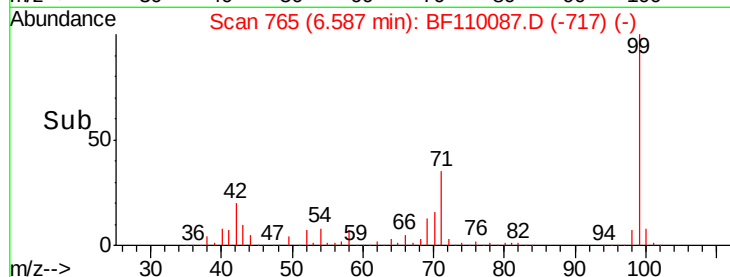
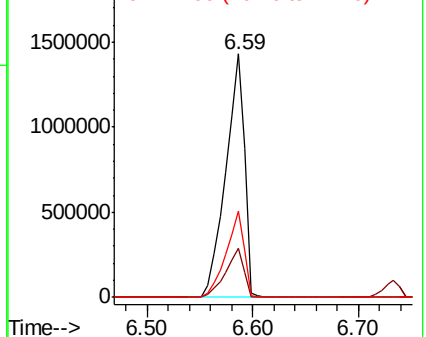


Abundance

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: 1.057 ng

RT: 6.75 min Scan# 792

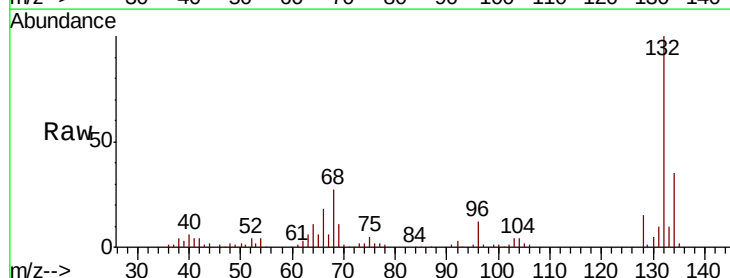
Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Tgt Ion: 128 Resp: 13297

Ion	Ratio	Lower	Upper
128	100		
130	35.1	13.1	53.1
64	72.6	26.0	66.0

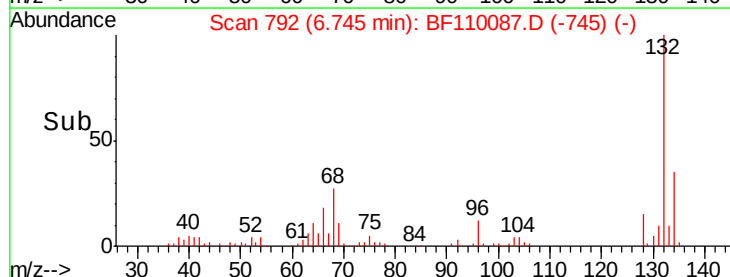
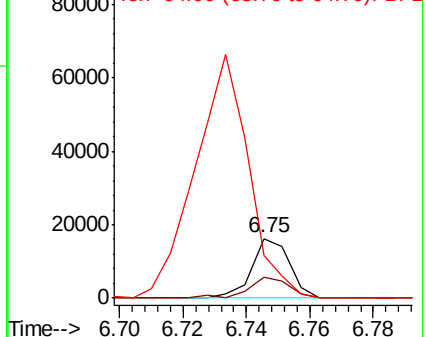


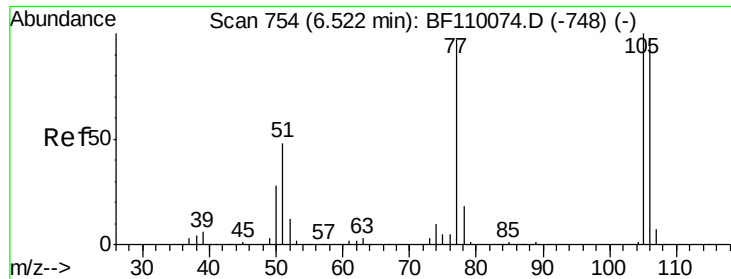
Abundance

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: 0.043 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampled :

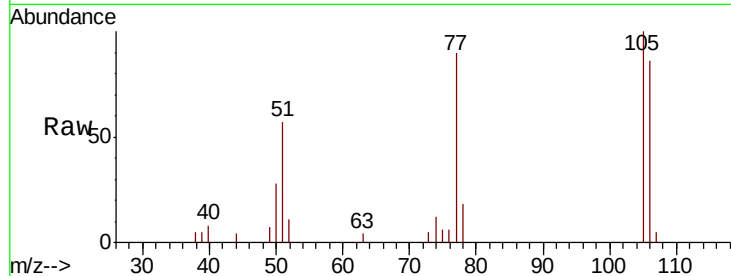
Tot Ion: 77 Resp: 8192

Ion Ratio Lower Upper

77 100

105 111.3 78.6 118.6

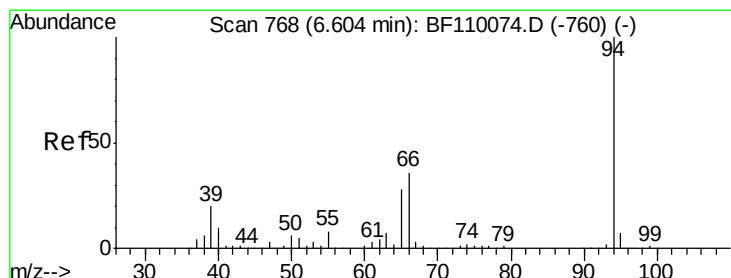
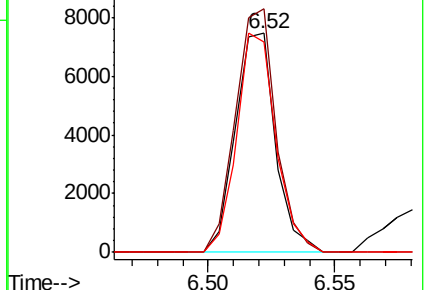
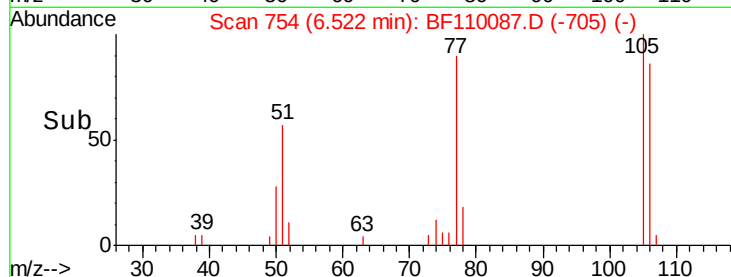
106 96.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.032 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

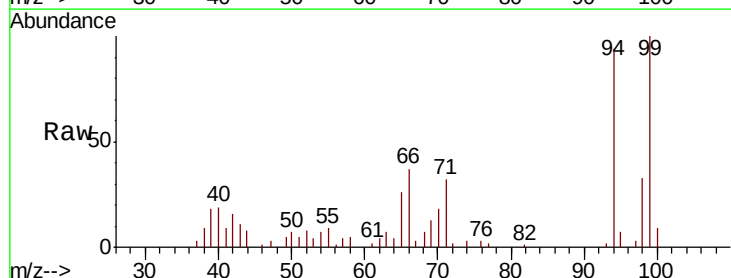
Tgt Ion: 94 Resp: 15396

Ion Ratio Lower Upper

94 100

65 27.5 25.3 65.3

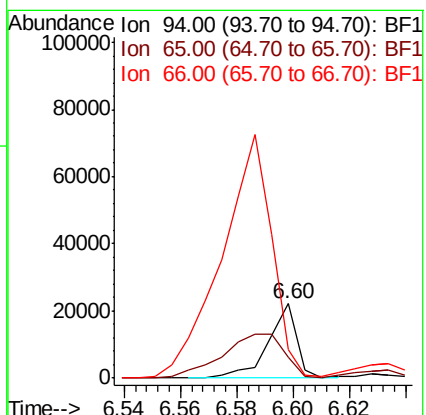
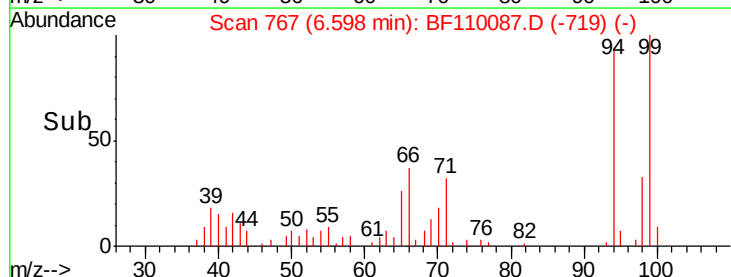
66 39.0 54.5 94.5#

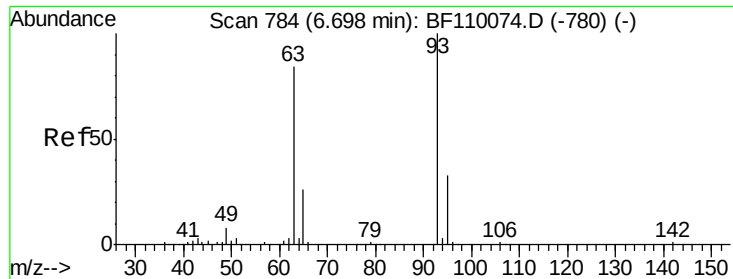


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 1.145 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

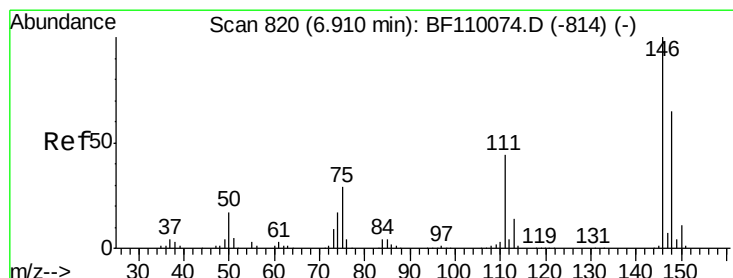
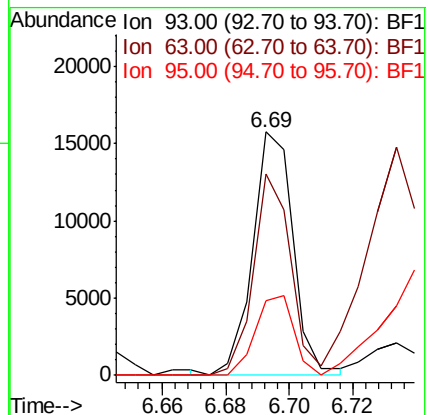
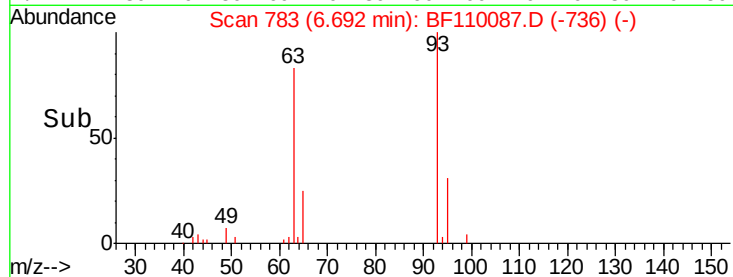
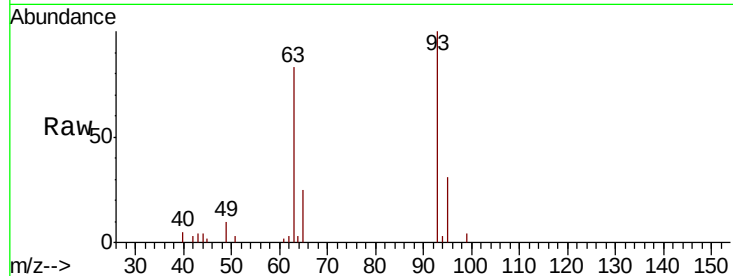
Tot Ion: 93 Resp: 14050

Ion Ratio Lower Upper

93 100

63 82.6 53.4 93.4

95 30.9 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 1.109 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

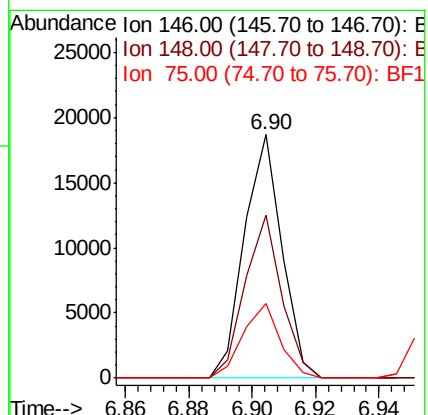
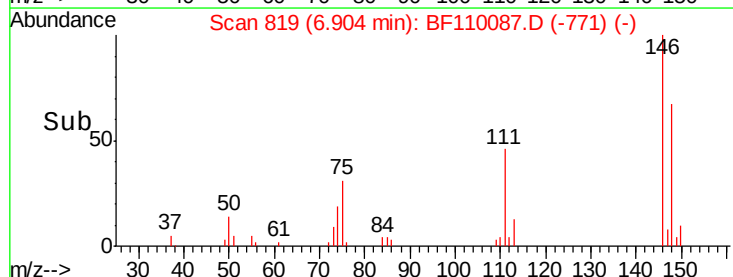
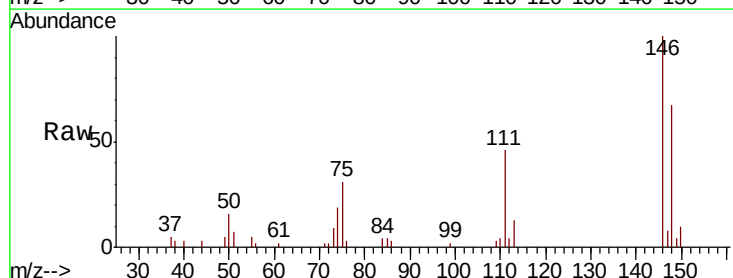
Tgt Ion: 146 Resp: 15349

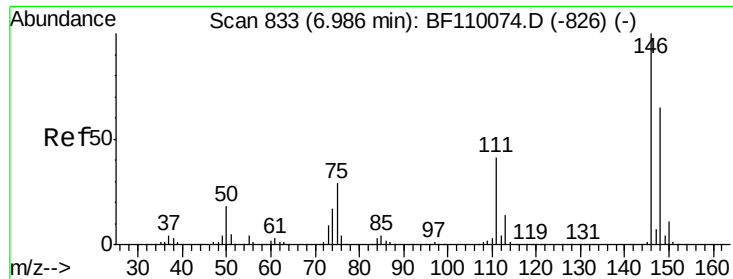
Ion Ratio Lower Upper

146 100

148 66.8 50.4 75.6

75 30.6 25.8 38.6

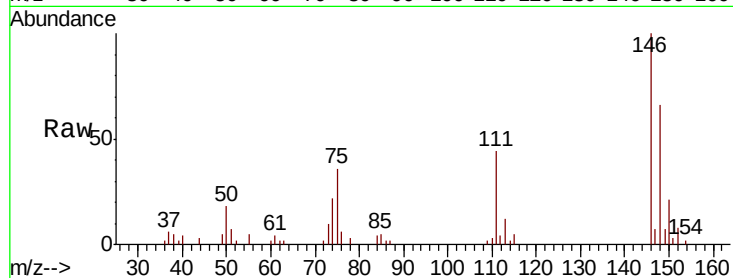




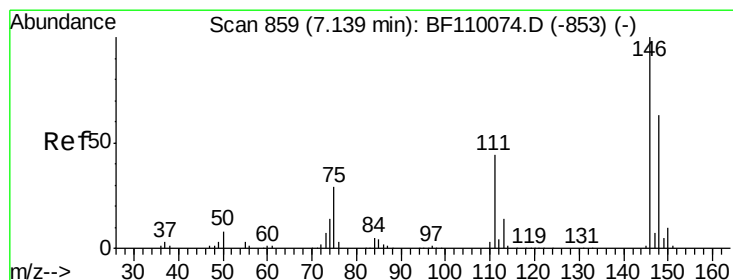
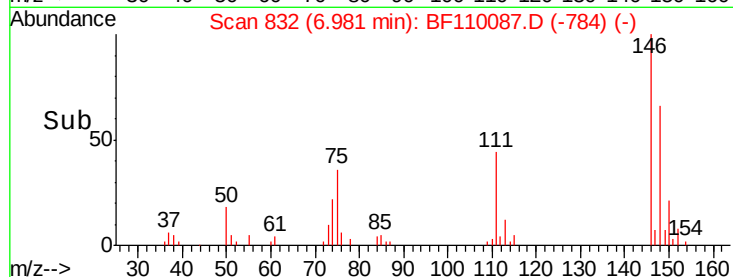
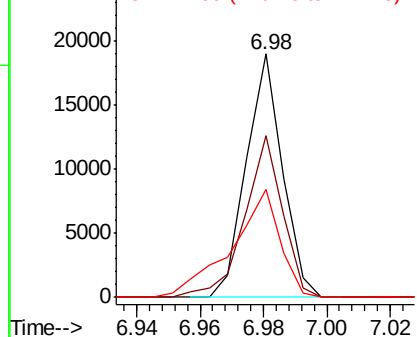
#13
 1,4-Dichlorobenzene
 Concen: 1.069 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 14967
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.3 75.5
 111 44.2 32.7 49.1

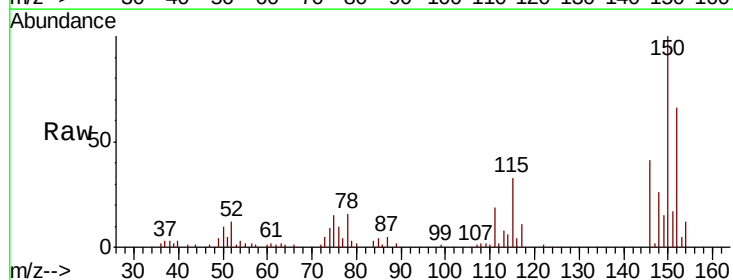


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

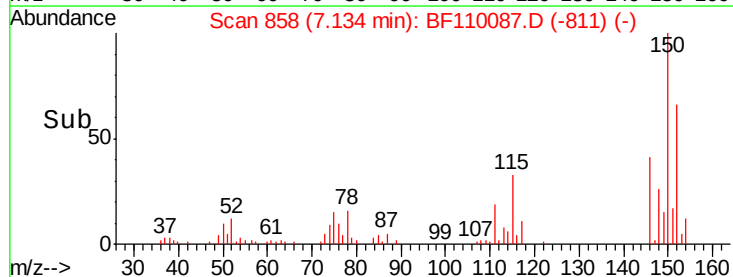
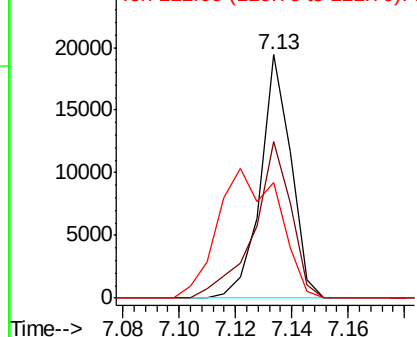


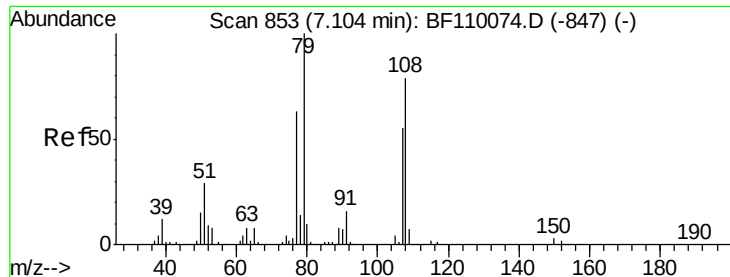
#14
 1,2-Dichlorobenzene
 Concen: 1.113 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion:146 Resp: 14456
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 47.2 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: 2.514 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampled :

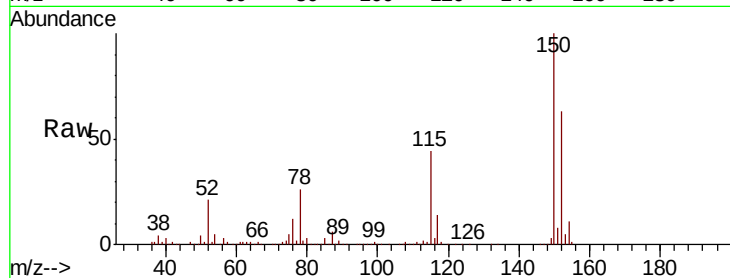
Tot Ion: 79 Resp: 26976

Ion Ratio Lower Upper

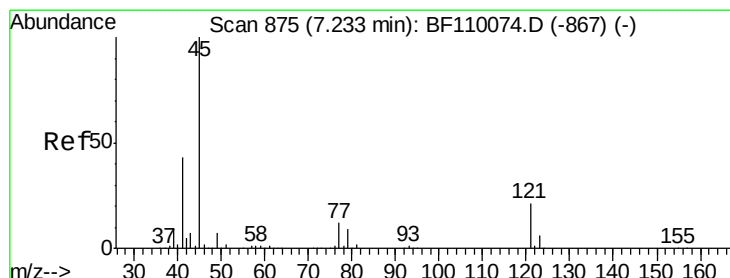
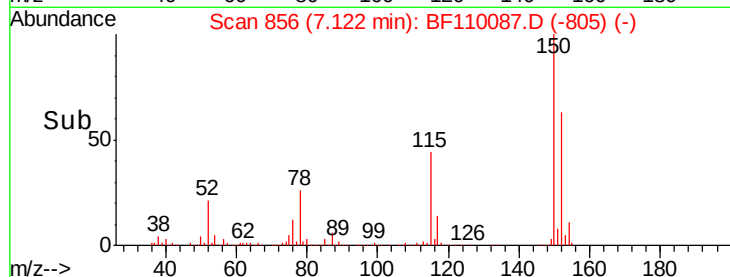
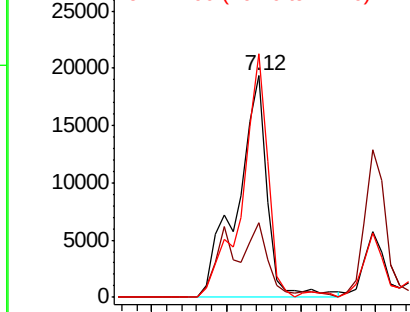
79 100

108 33.8 56.3 84.5#

77 109.9 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: 1.114 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

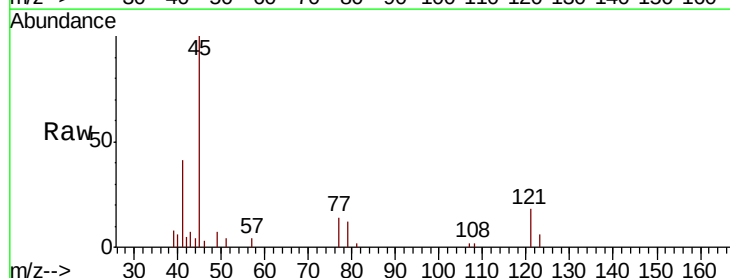
Tgt Ion: 45 Resp: 21851

Ion Ratio Lower Upper

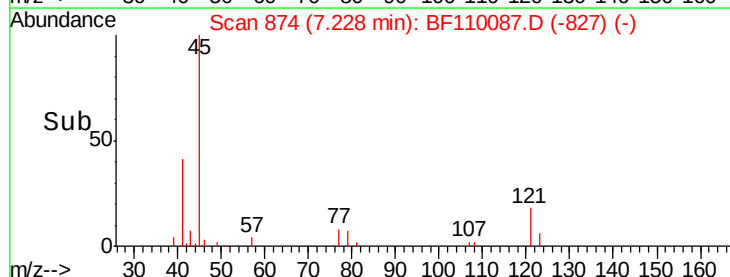
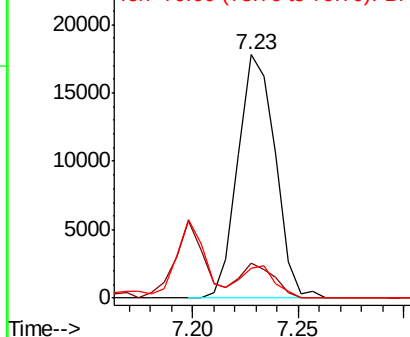
45 100

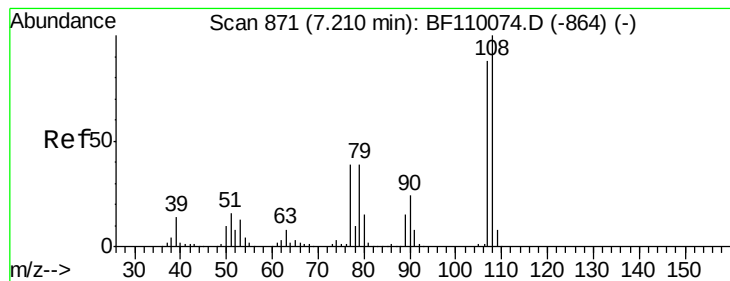
77 14.2 10.0 50.0

79 12.0 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

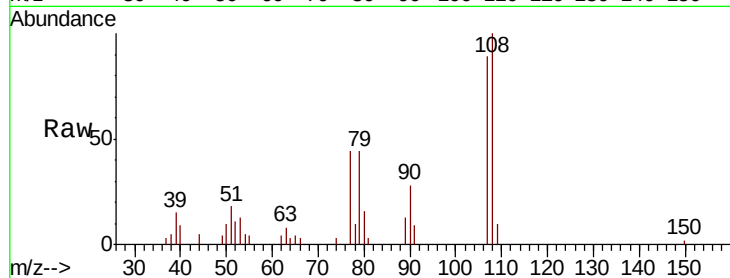




#17
2-Methylphenol
Concen: 1.094 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	92.6	138.8
77	49.0	59.4	89.2#
79	49.6	54.0	81.0#



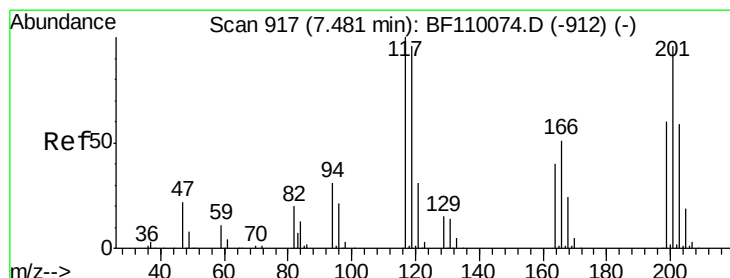
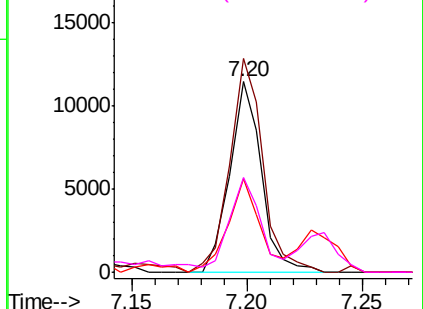
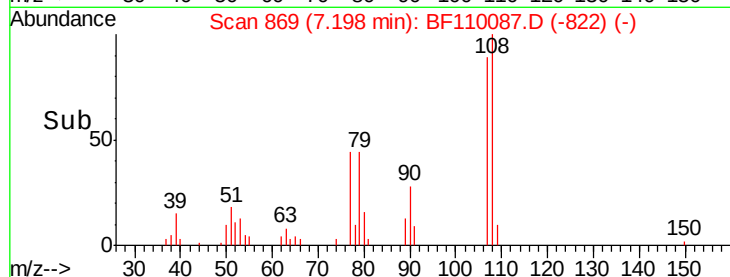
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

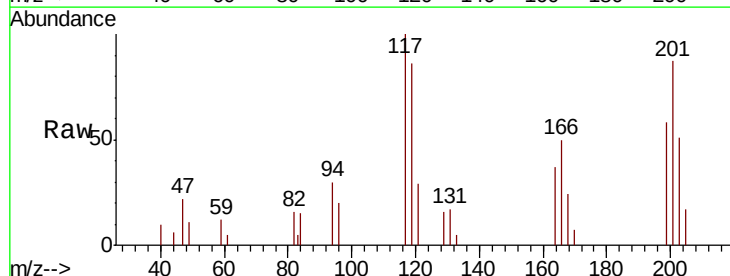
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 1.136 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.3	75.0	112.6
201	87.0	79.2	118.8

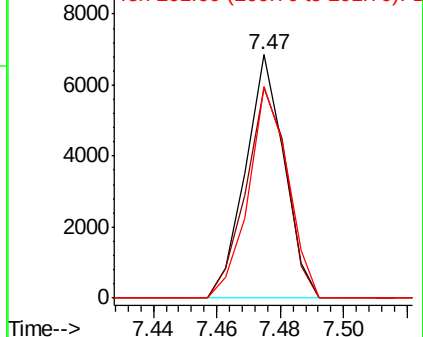
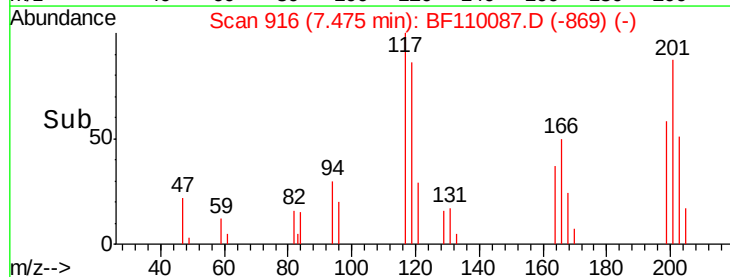


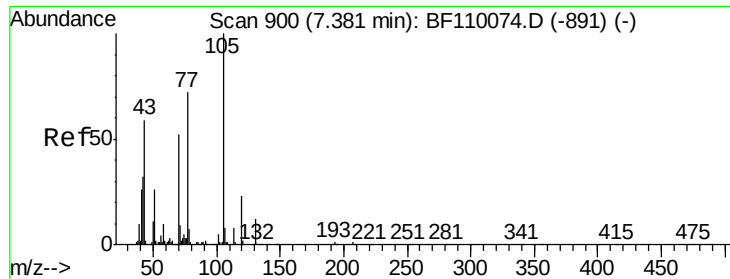
Abundance

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

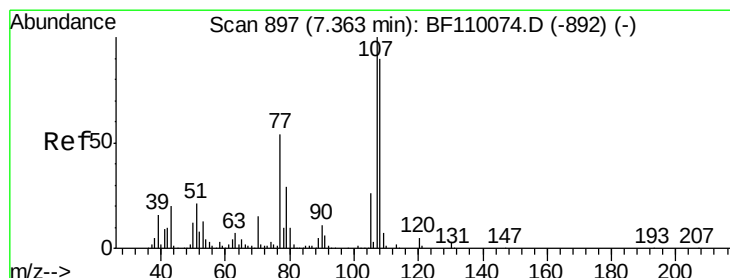
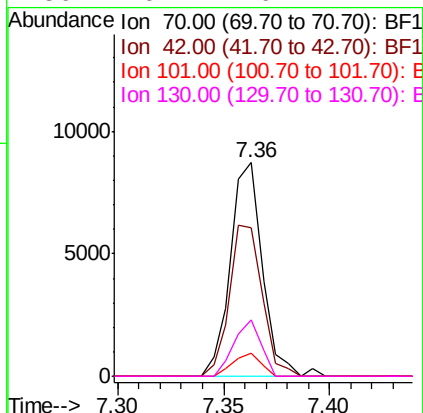
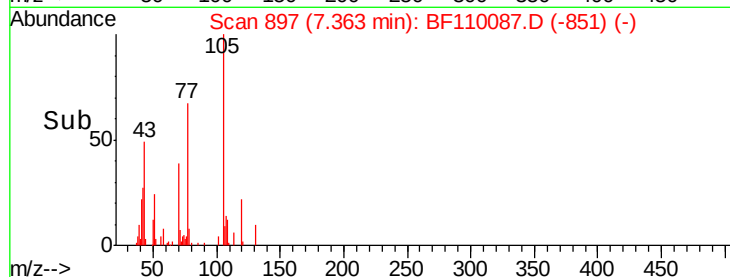
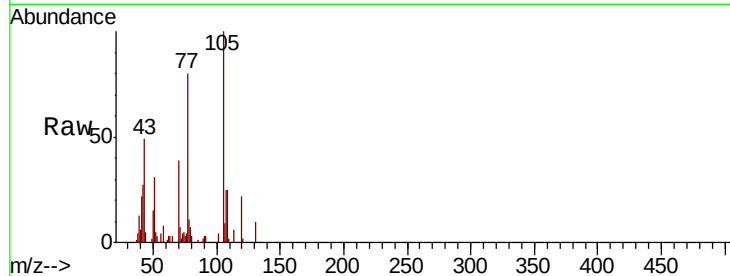




#19
n-Nitroso-di-n-propylamine
Concen: 1.022 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

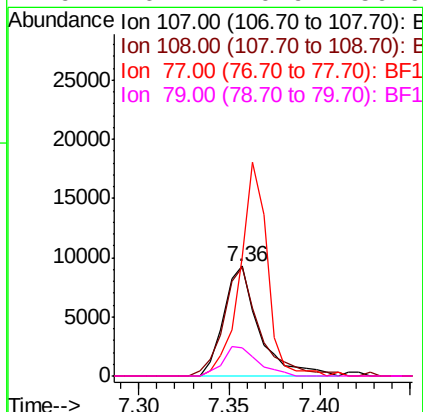
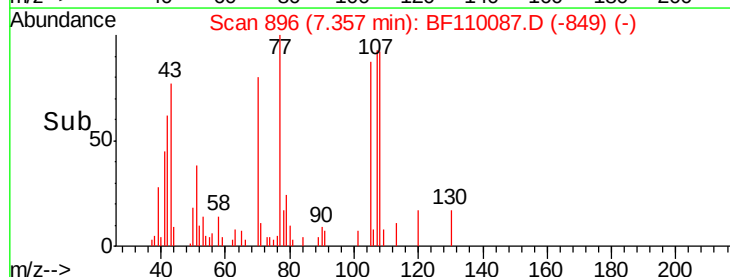
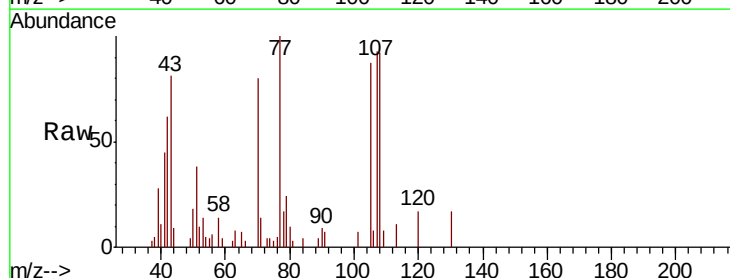
Instrument :
BNA_F
ClientSampled :

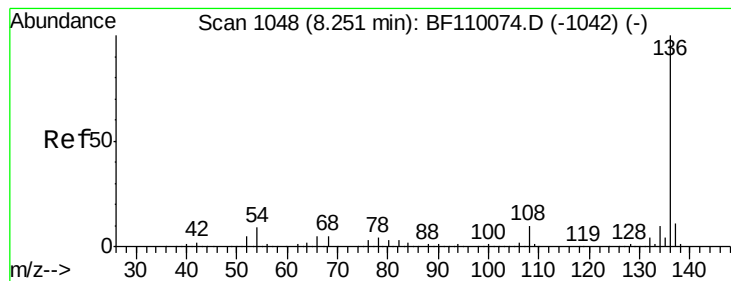
Tot Ion: 70 Resp: 9144
Ion Ratio Lower Upper
70 100
42 69.5 47.4 71.2
101 10.8 7.3 10.9
130 26.7 16.2 24.2#



#20
3+4-Methylphenols
Concen: 0.976 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion: 107 Resp: 12649
Ion Ratio Lower Upper
107 100
108 99.1 71.4 111.4
77 108.1 47.3 87.3#
79 26.1 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 760048

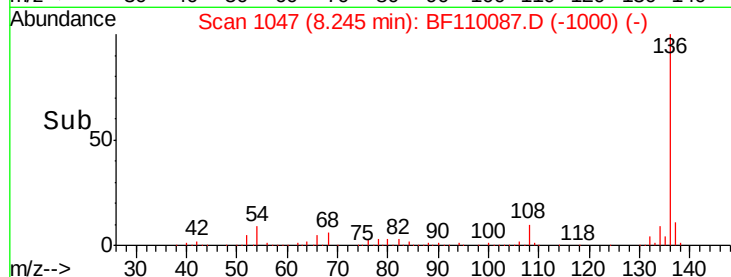
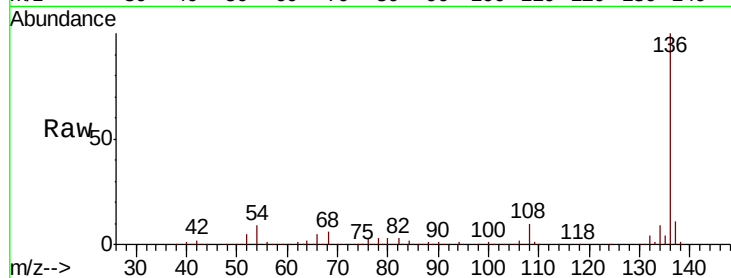
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 5.4 8.2#

68 5.6 4.2 6.2

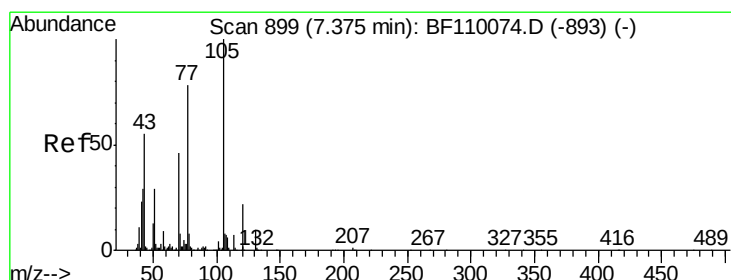
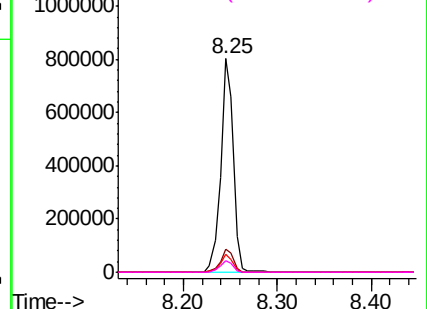


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.142 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Tgt Ion:105 Resp: 19993

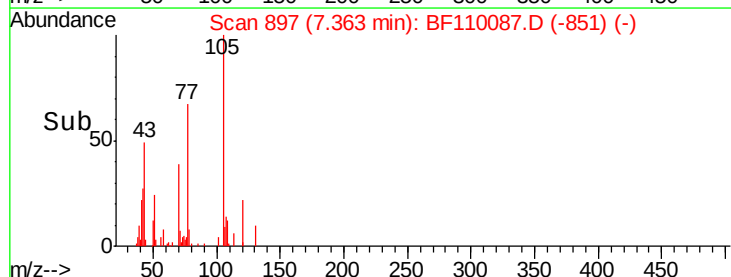
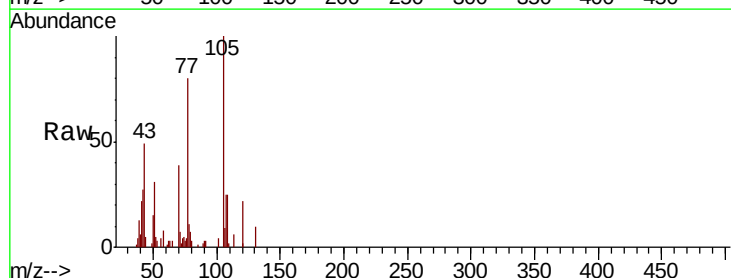
Ion Ratio Lower Upper

105 100

71 7.3 5.2 7.8

51 30.7 21.8 32.8

120 22.1 17.0 25.4

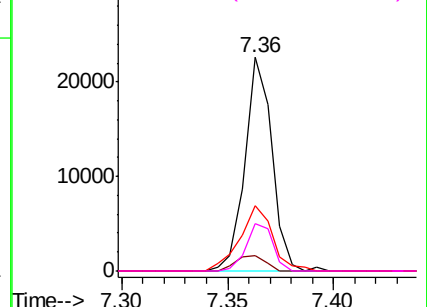


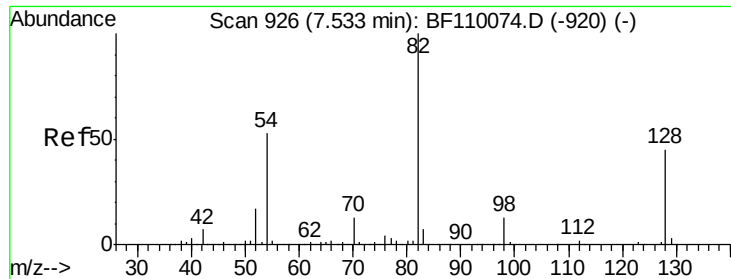
Abundance Ion 105.00 (104.70 to 105.70): E

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



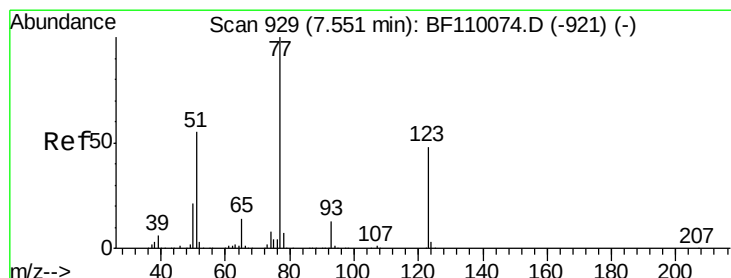
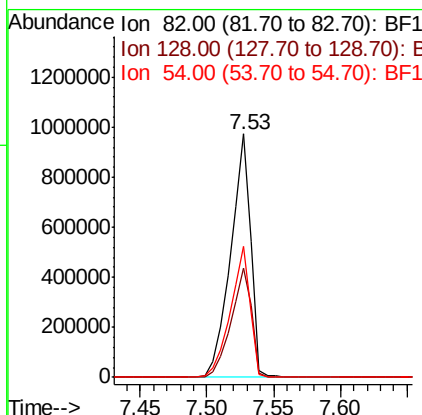
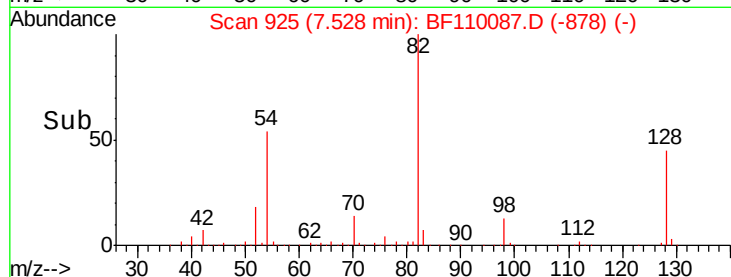
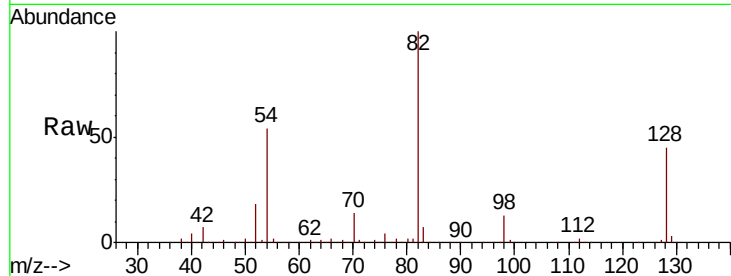


#23
 Nitrobenzene-d5
 Concen: 80.624 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1033129

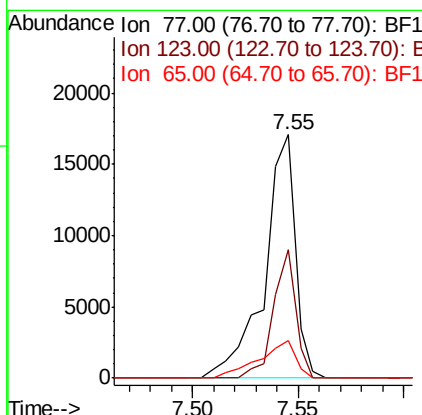
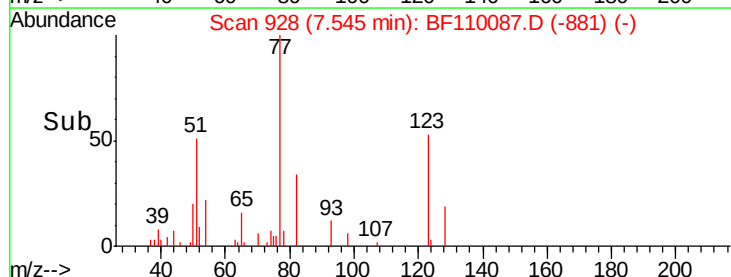
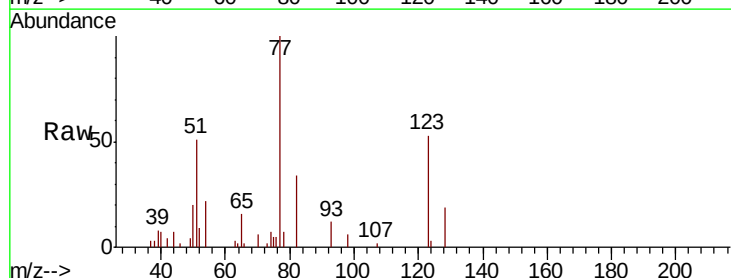
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	53.8	38.6	58.0

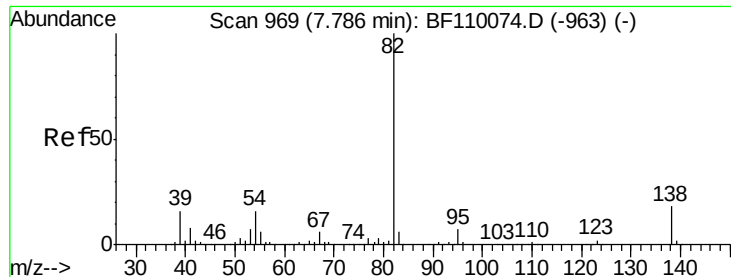


#24
 Nitrobenzene
 Concen: 1.308 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion: 77 Resp: 17307

Ion	Ratio	Lower	Upper
77	100		
123	52.9	35.7	53.5
65	15.6	10.7	16.1

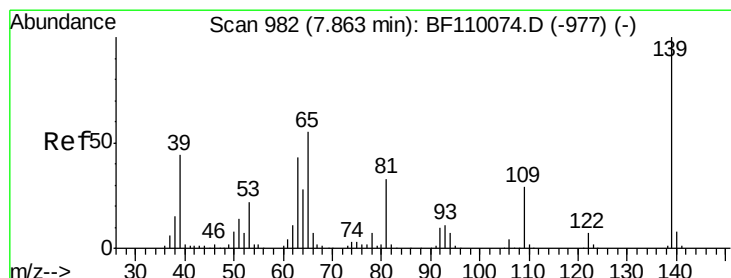
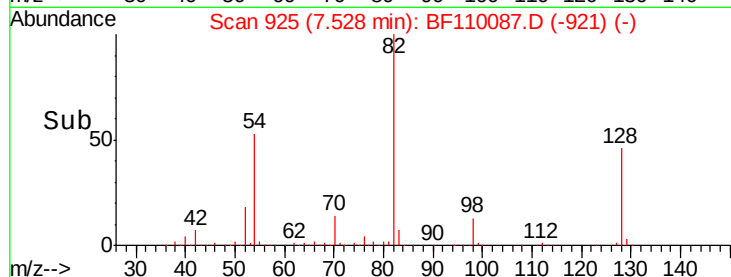
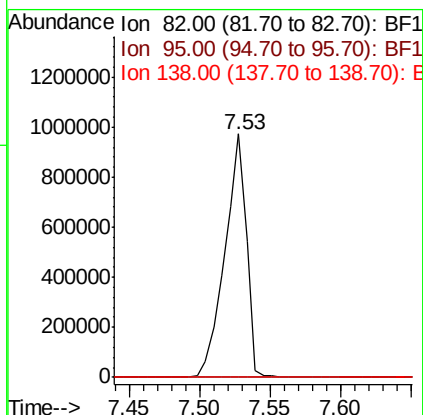
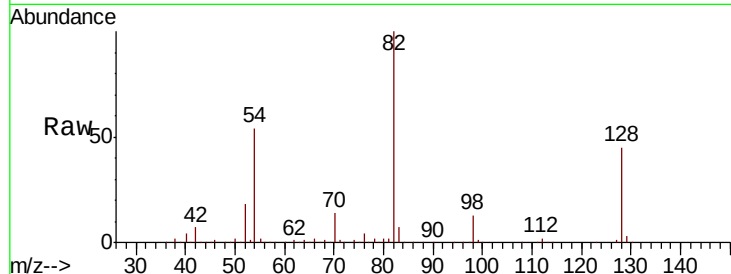




#25
Isophorone
Concen: 47.203 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

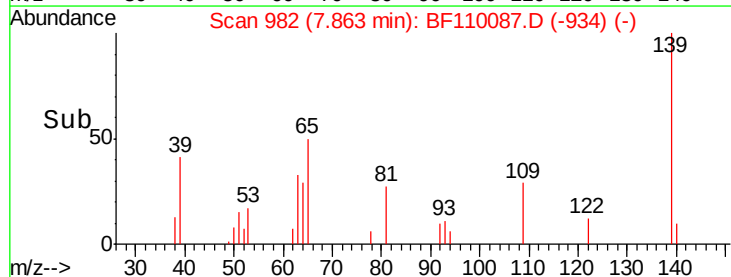
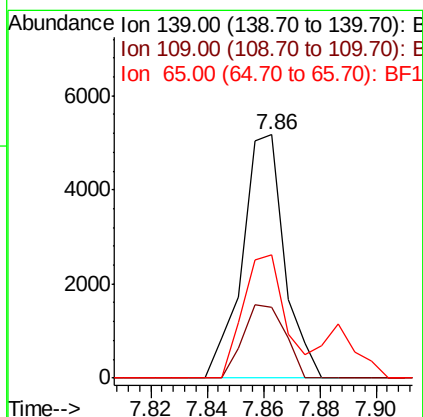
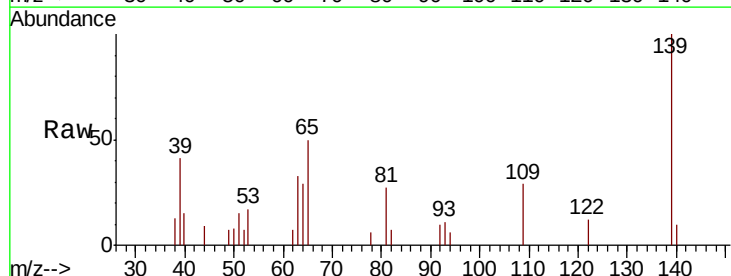
Instrument :
BNA_F
ClientSampleId :

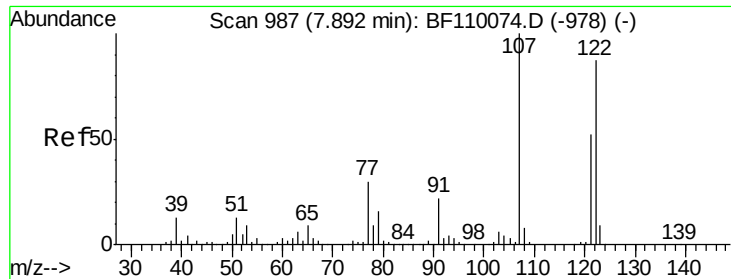
Tot Ion: 82 Resp: 1031069
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#26
2-Nitrophenol
Concen: 0.851 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion: 139 Resp: 5357
Ion Ratio Lower Upper
139 100
109 28.9 25.0 37.6
65 50.4 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 1.018 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

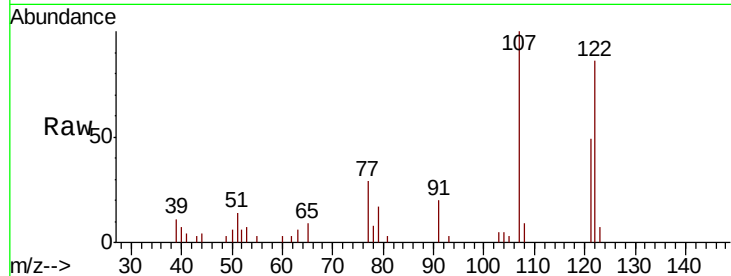
Tot Ion:122 Resp: 10630

Ion Ratio Lower Upper

122 100

107 116.6 92.5 138.7

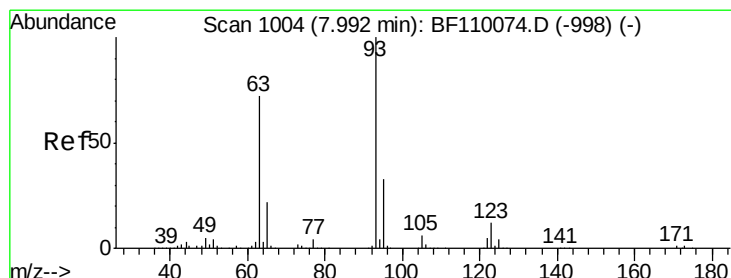
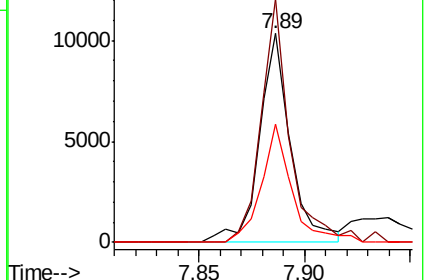
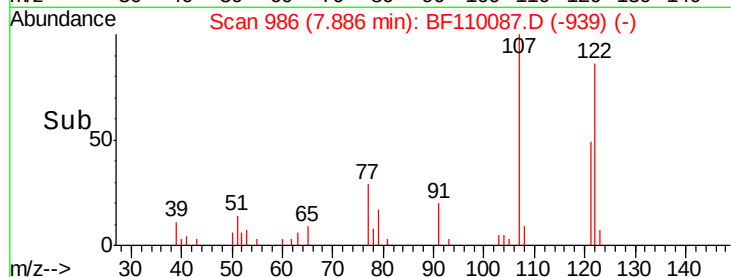
121 56.7 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 1.081 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

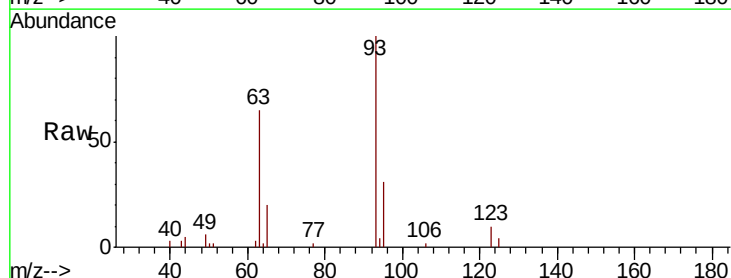
Tgt Ion: 93 Resp: 16042

Ion Ratio Lower Upper

93 100

95 31.0 26.4 39.6

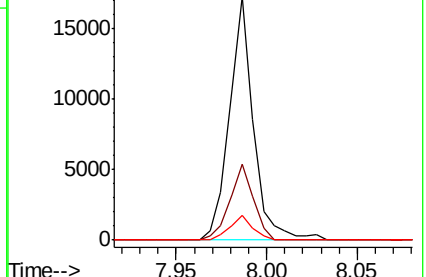
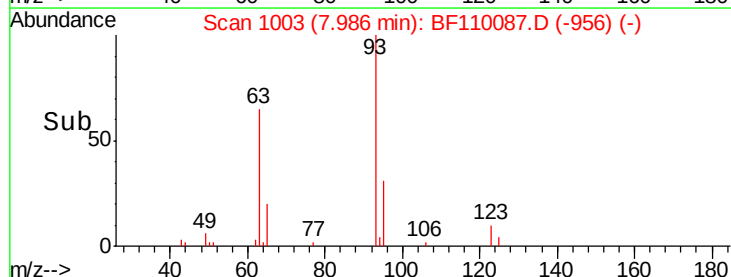
123 10.2 9.0 13.6

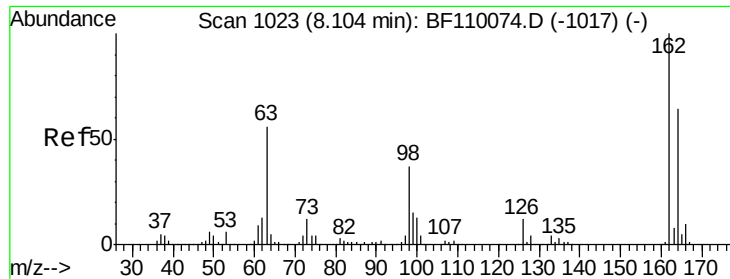


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

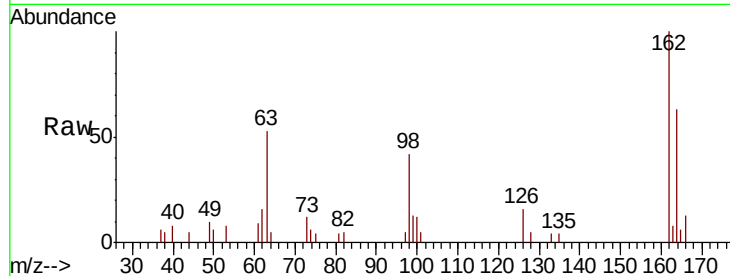




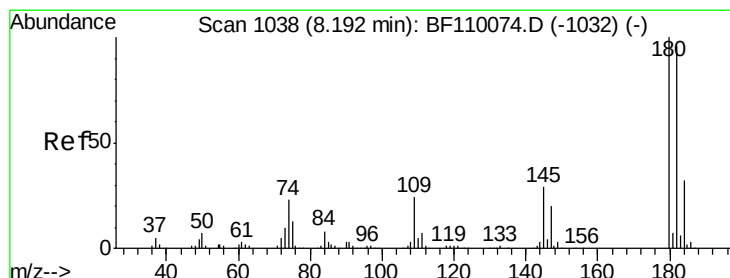
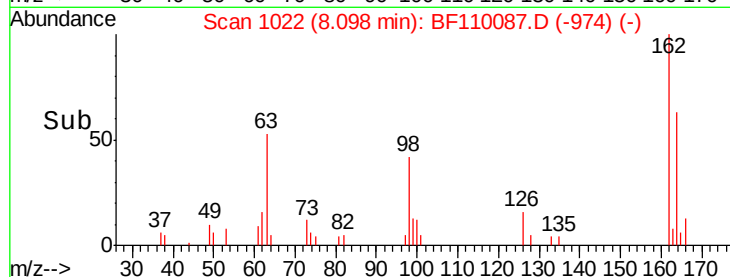
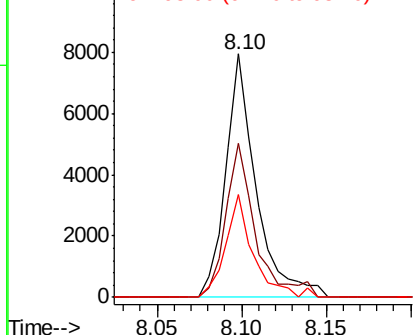
#29
 2,4-Dichlorophenol
 Concen: 0.940 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:162 Resp: 9913
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.6 84.6
 98 42.4 17.4 57.4

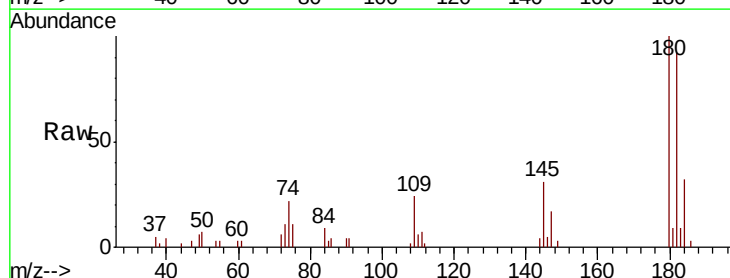


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

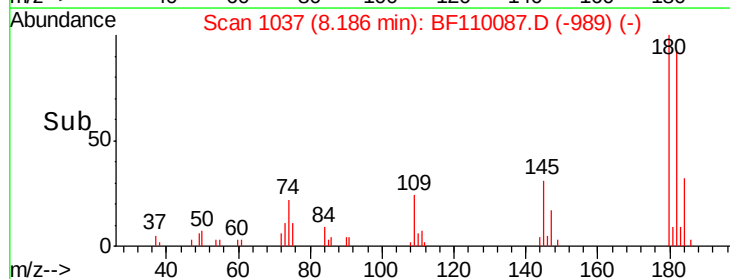
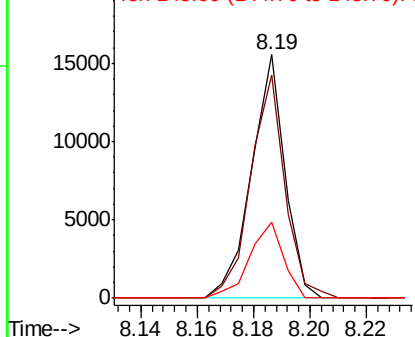


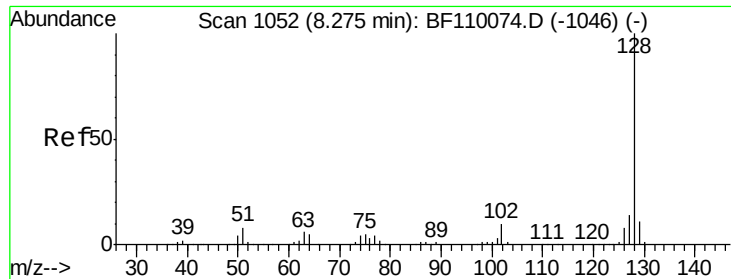
#30
 1,2,4-Trichlorobenzene
 Concen: 1.083 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion:180 Resp: 12798
 Ion Ratio Lower Upper
 180 100
 182 91.6 80.3 120.5
 145 31.3 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

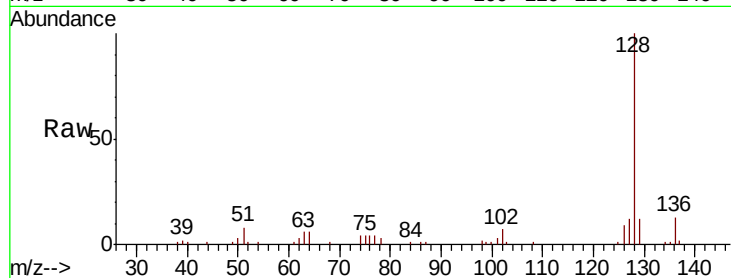




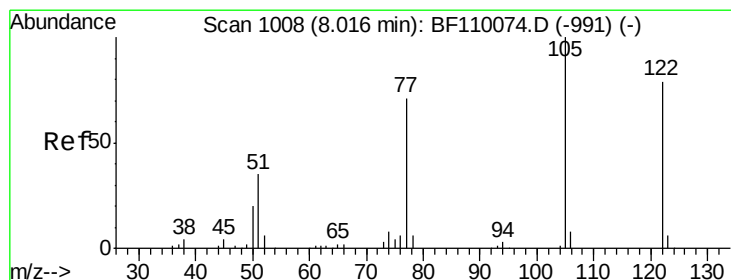
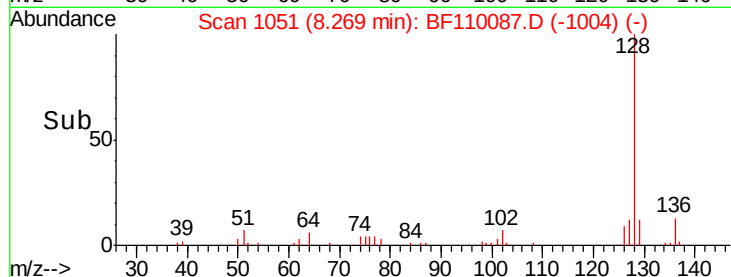
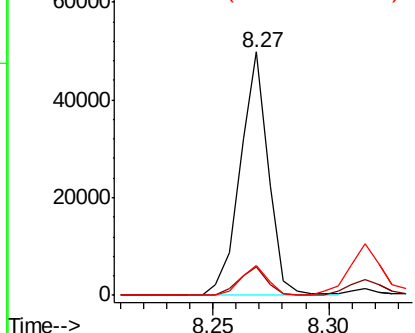
#31
Naphthalene
Concen: 1.210 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 42396
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.3 10.8 16.2

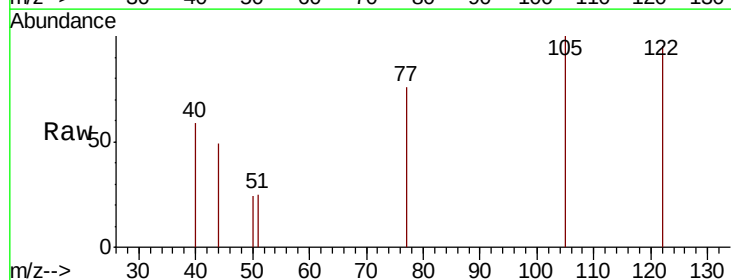


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

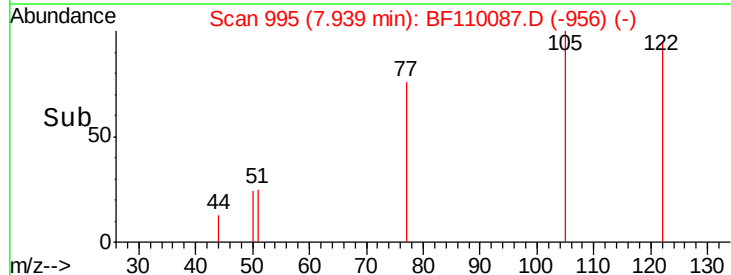
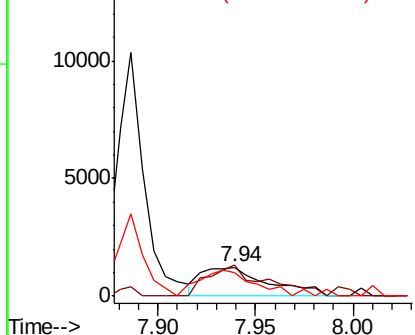


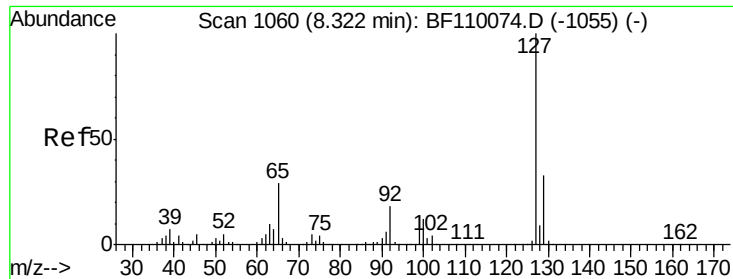
#32
Benzoic acid
Concen: 0.363 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.07 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:122 Resp: 2930
Ion Ratio Lower Upper
122 100
105 105.7 109.0 149.0#
77 80.6 79.0 119.0



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

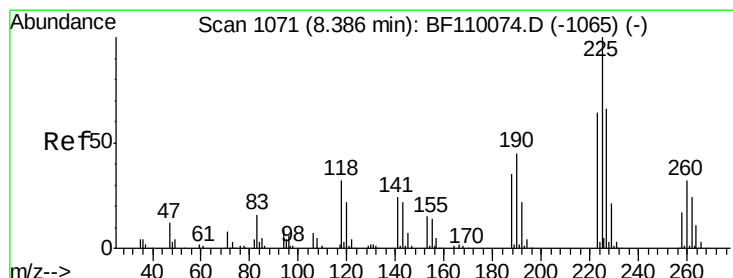
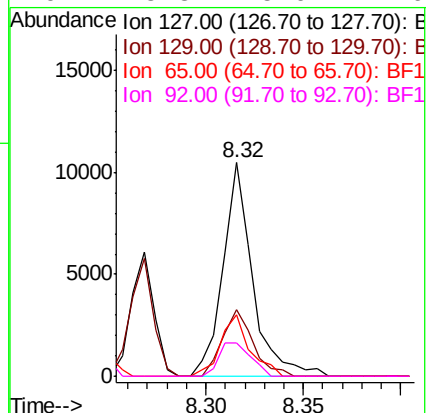
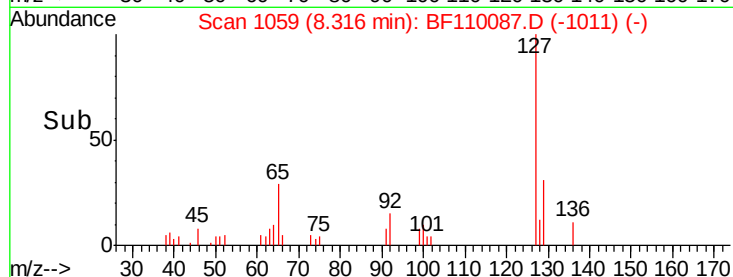
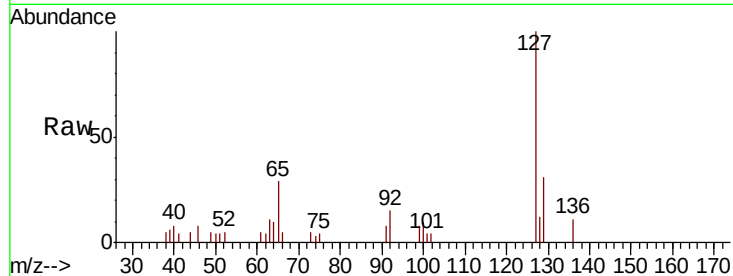




#33
4-Chloroaniline
Concen: 0.703 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

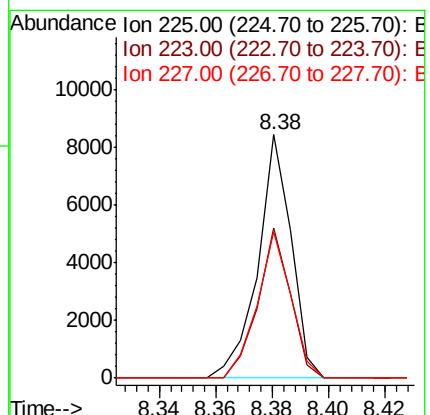
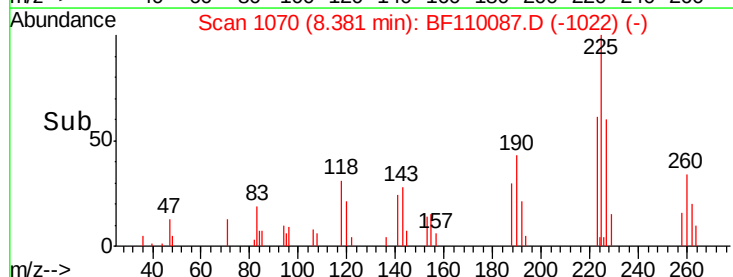
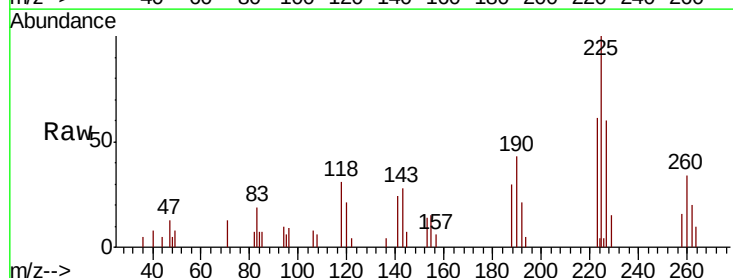
Instrument :
BNA_F
ClientSampleId :

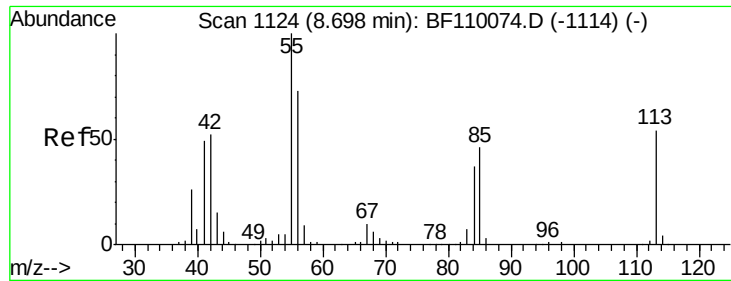
Tot Ion:127	Resp:	11084
Ion Ratio	Lower	Upper
127	100	
129	31.1	26.0 39.0
65	28.8	25.1 37.7
92	15.3	15.0 22.6



#34
Hexachlorobutadiene
Concen: 1.050 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:225	Resp:	6887
Ion Ratio	Lower	Upper
225	100	
223	61.4	51.4 77.2
227	60.4	51.0 76.6

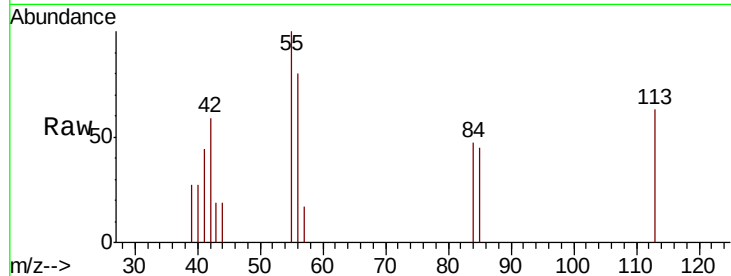




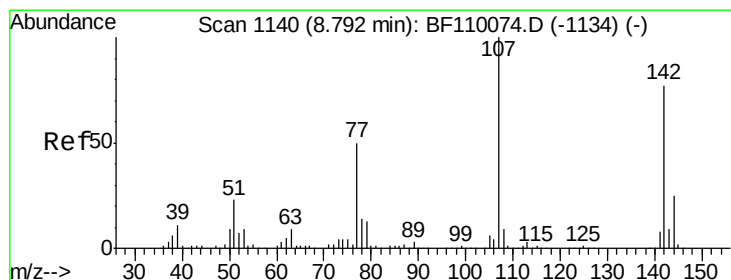
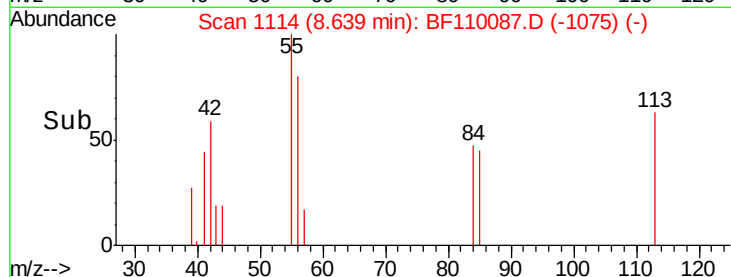
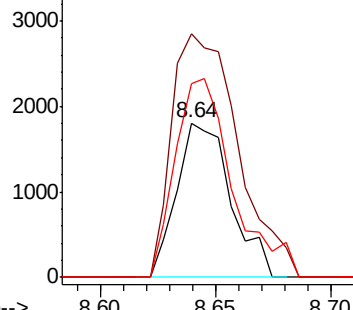
#35
 Caprolactam
 Concen: 0.798 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.07 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 2934
 Ion Ratio Lower Upper
 113 100
 55 157.7 142.8 182.8
 56 125.5 105.0 145.0

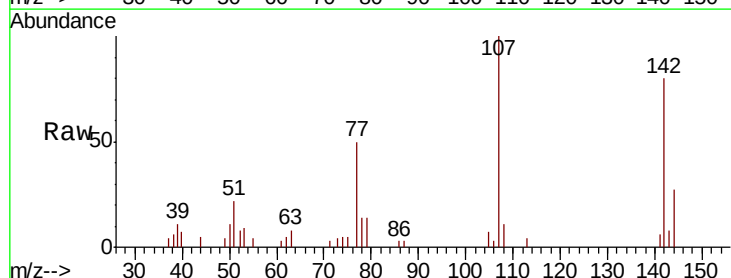


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

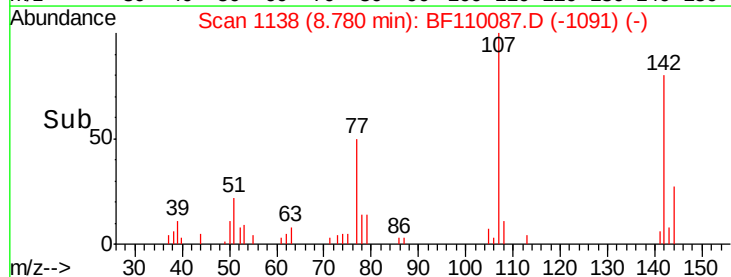
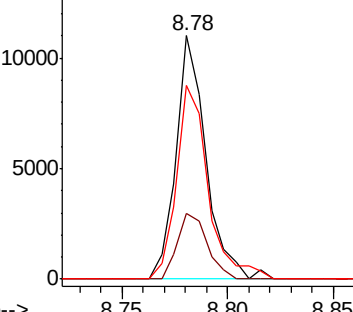


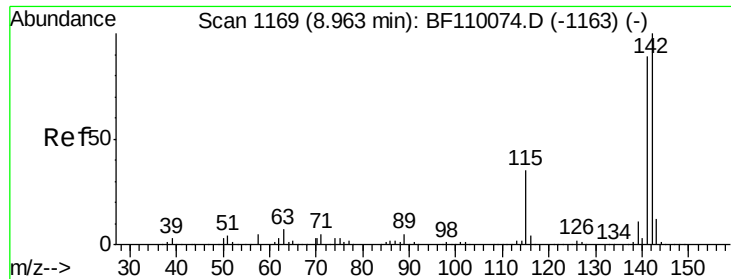
#36
 4-Chloro-3-methylphenol
 Concen: 0.943 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion:107 Resp: 10754
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.0 30.0
 142 79.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

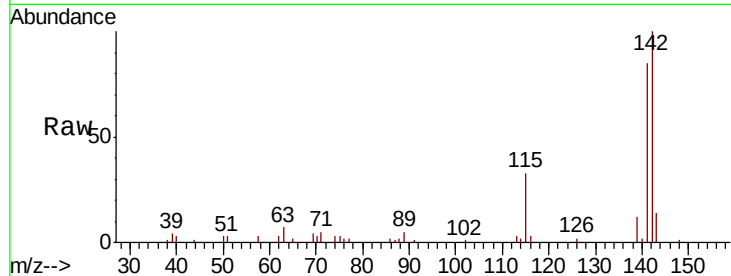




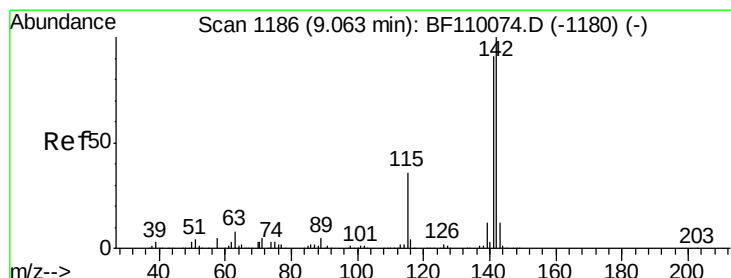
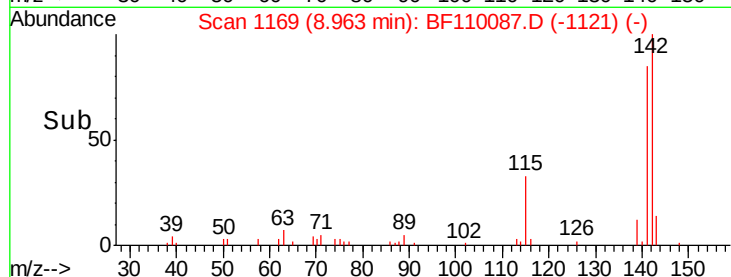
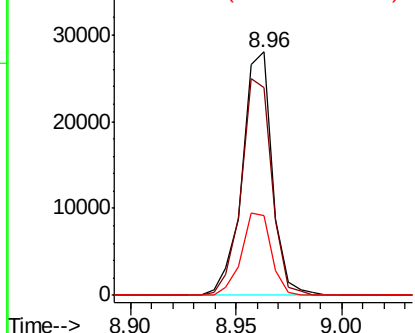
#37
2-Methylnaphthalene
Concen: 1.191 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 27610
Ion Ratio Lower Upper
142 100
141 85.5 71.4 107.2
115 32.5 28.7 43.1

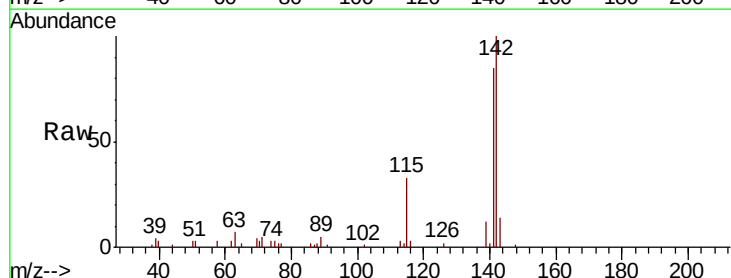


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

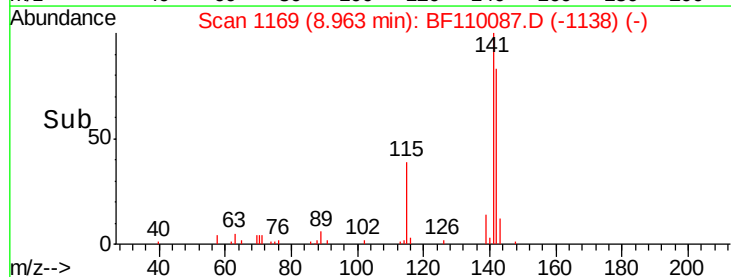
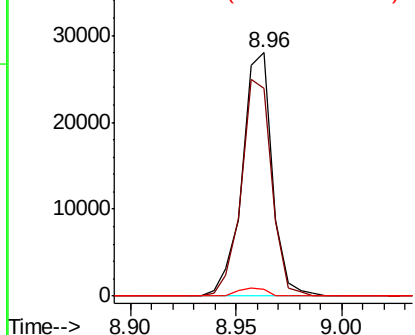


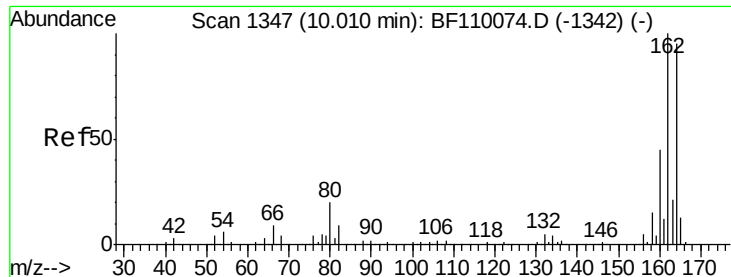
#38
1-Methylnaphthalene
Concen: 1.233 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.12 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:142 Resp: 27610
Ion Ratio Lower Upper
142 100
141 85.5 74.2 111.4
116 2.6 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: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

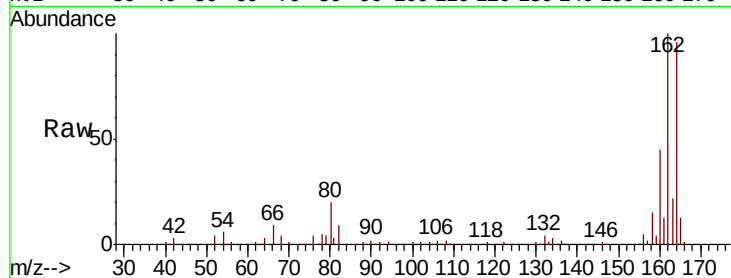
Tot Ion:164 Resp: 368010

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

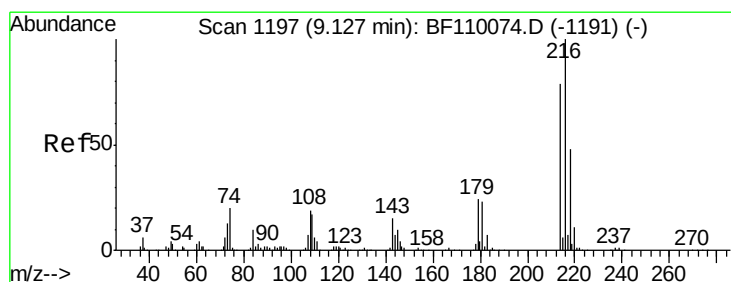
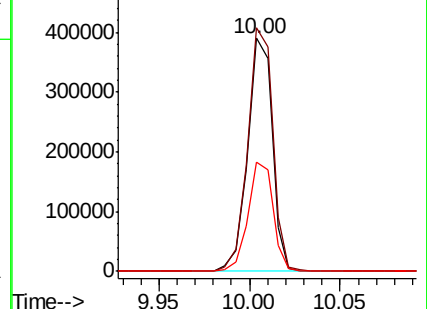
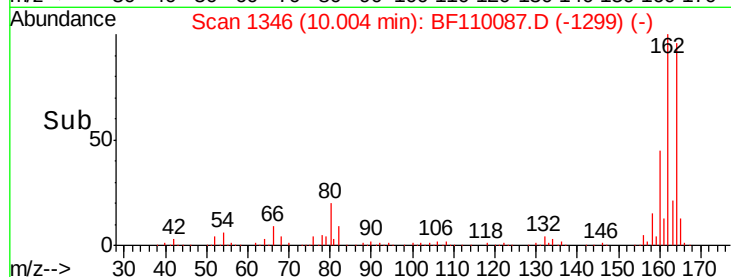
160 46.9 37.0 55.6



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: 1.039 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Tgt Ion:216 Resp: 11917

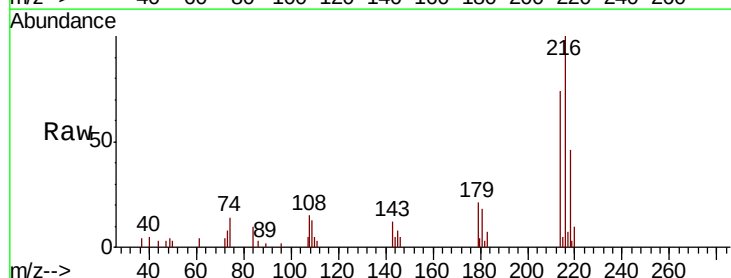
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.6 16.6 25.0

108 19.8 15.1 22.7

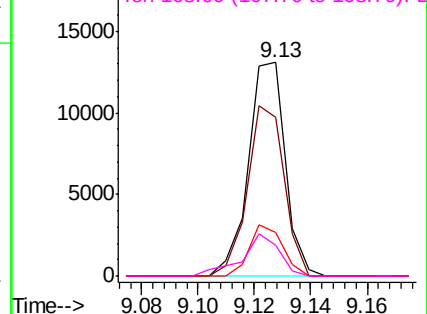
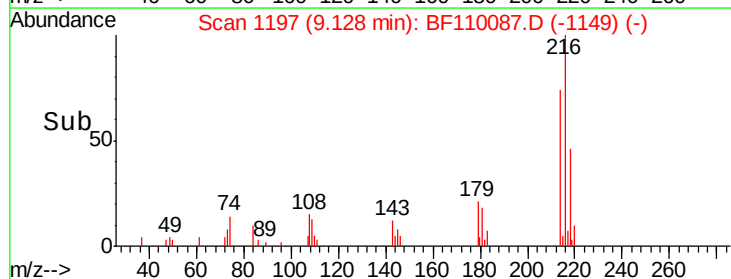


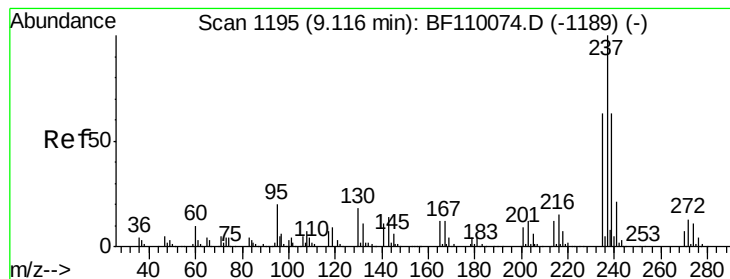
Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.795 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

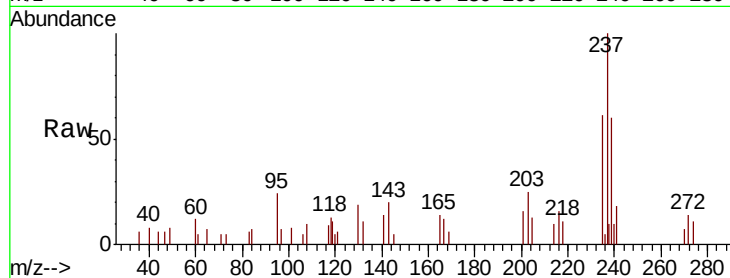
Tot Ion:237 Resp: 4660

Ion Ratio Lower Upper

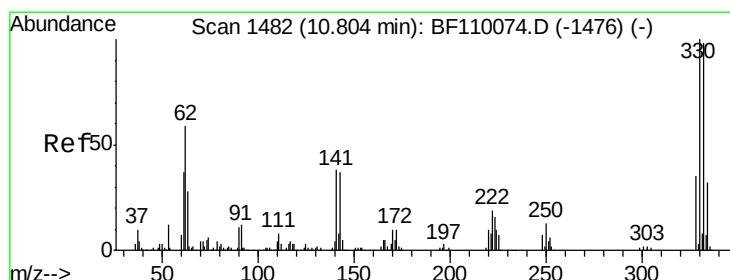
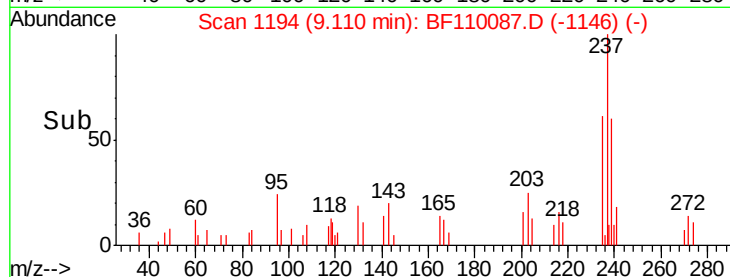
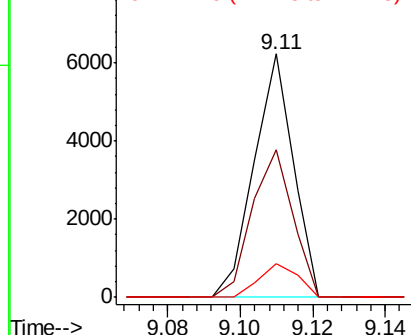
237 100

235 60.6 43.1 83.1

272 13.7 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 128.452 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

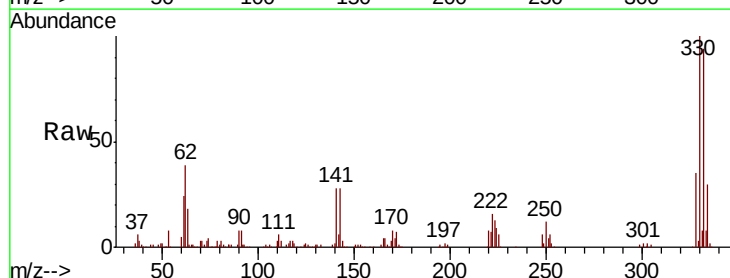
Tgt Ion:330 Resp: 468257

Ion Ratio Lower Upper

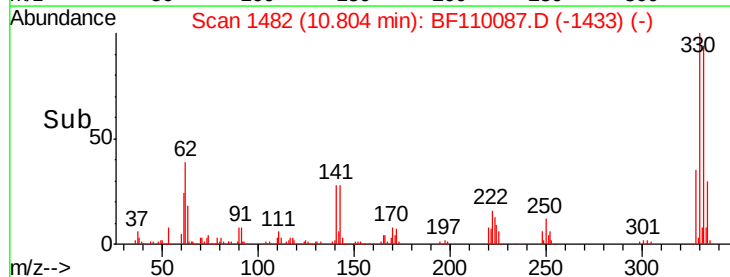
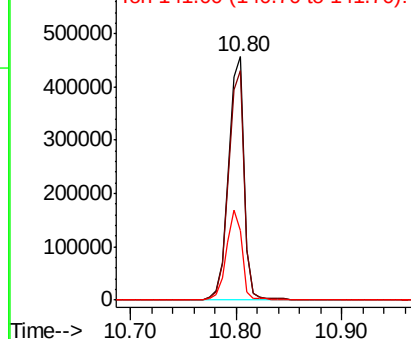
330 100

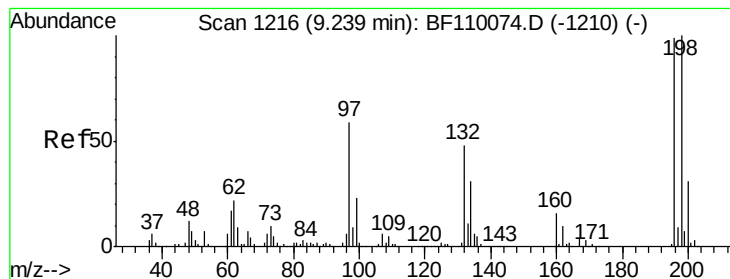
332 94.9 77.1 115.7

141 37.0 27.0 40.4



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





#43

2,4,6-Trichlorophenol

Concen: 0.886 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

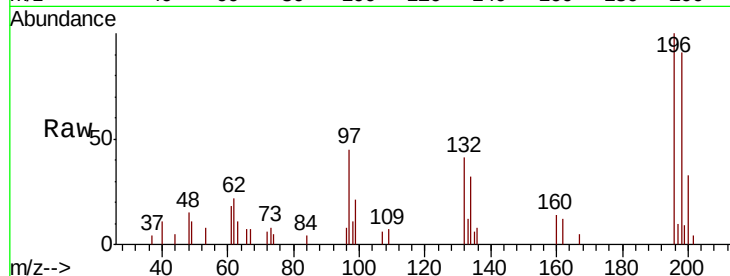
Tot Ion:196 Resp: 6554

Ion Ratio Lower Upper

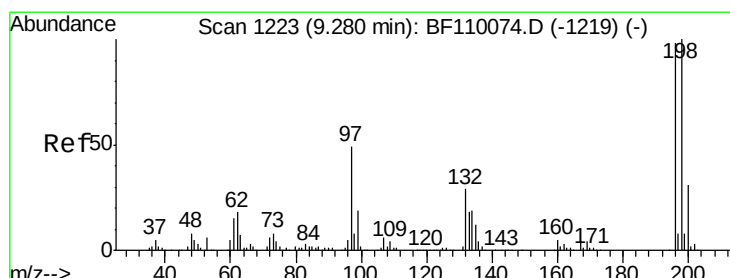
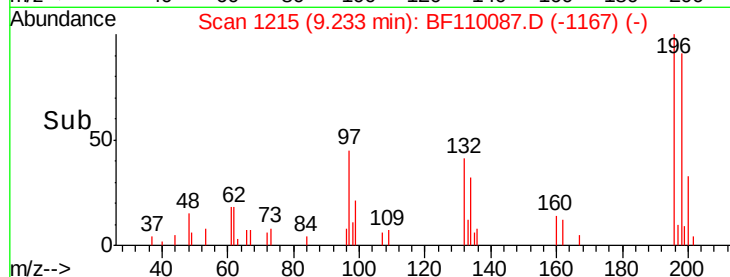
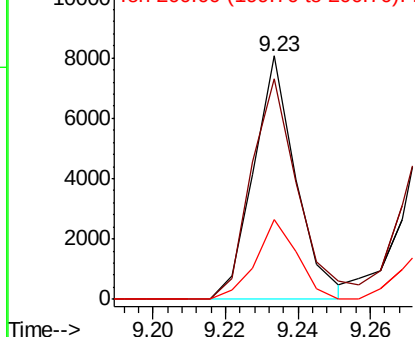
196 100

198 90.7 76.2 114.4

200 32.8 24.4 36.6



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



#44

2,4,5-Trichlorophenol

Concen: 0.957 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Tgt Ion:196 Resp: 7483

Ion Ratio Lower Upper

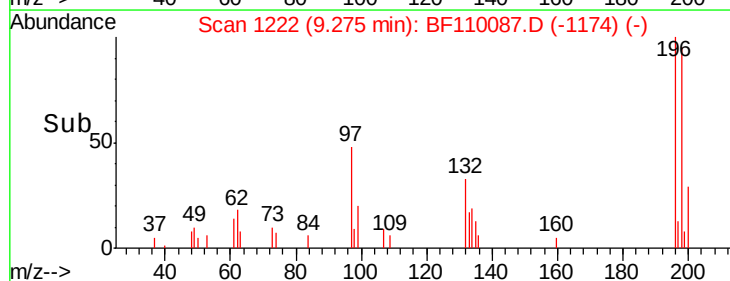
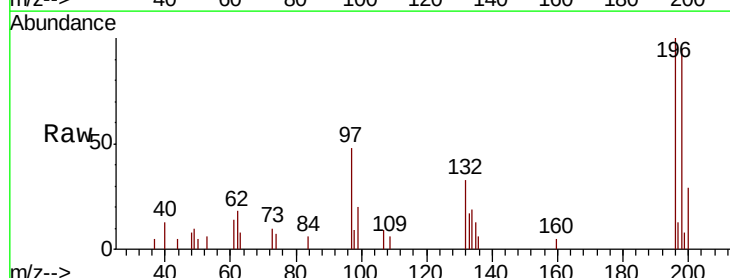
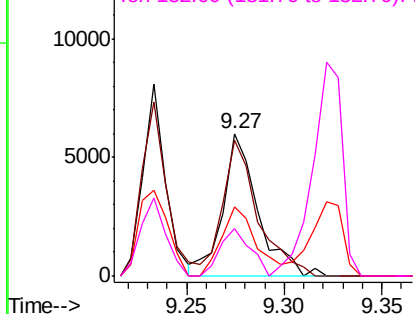
196 100

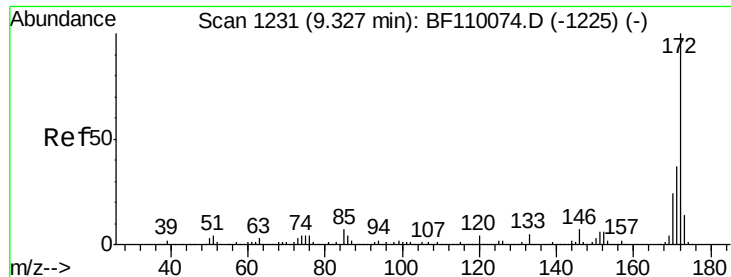
198 95.5 75.8 113.6

97 48.2 42.4 63.6

132 33.3 22.8 34.2

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

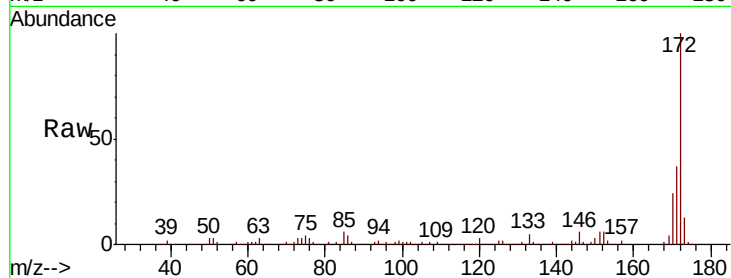




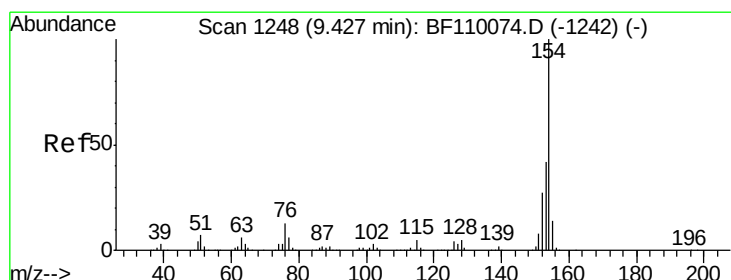
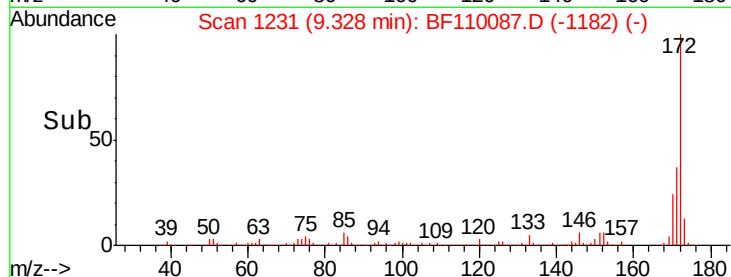
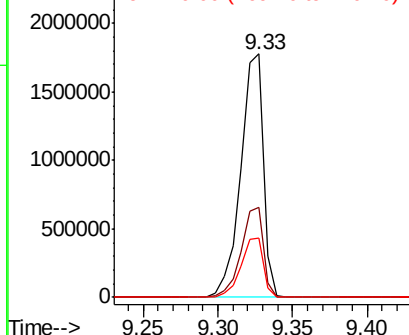
#45
2-Fluorobiphenyl
Concen: 80.560 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1888017
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.2 19.7 29.5

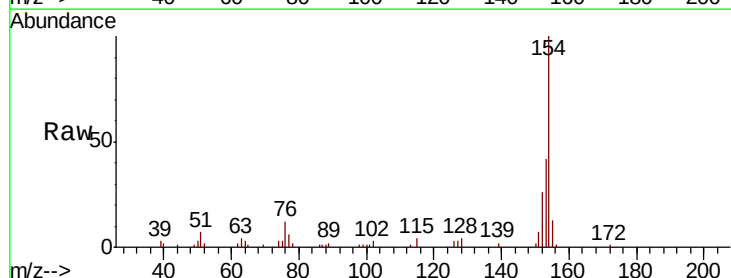


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

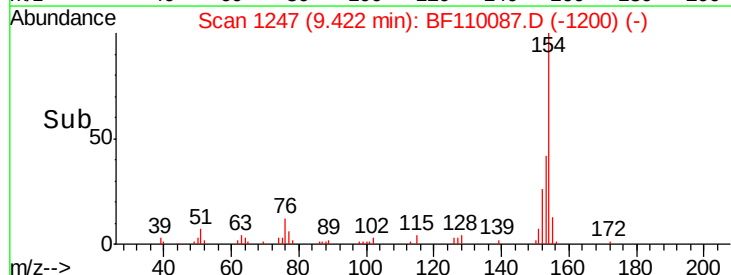
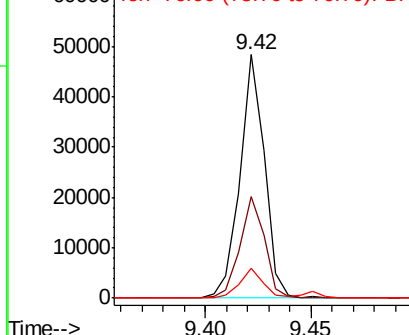


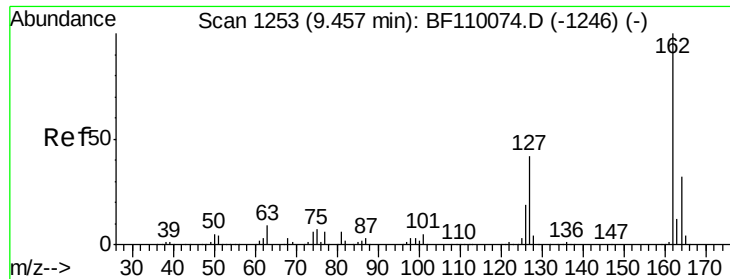
#46
1,1'-Biphenyl
Concen: 1.159 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:154 Resp: 38577
Ion Ratio Lower Upper
154 100
153 41.6 20.4 60.4
76 12.1 0.0 31.9



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





#47

2-Chloronaphthalene

Concen: 1.106 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

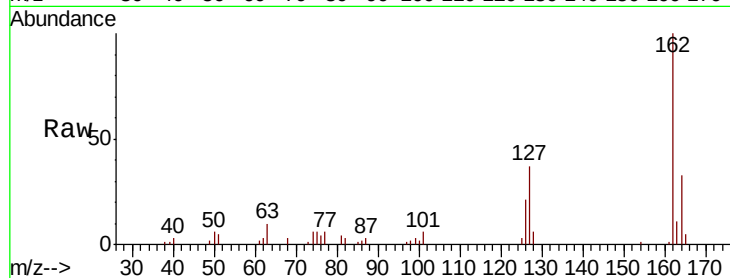
Tot Ion:162 Resp: 27011

Ion Ratio Lower Upper

162 100

127 37.5 32.6 48.8

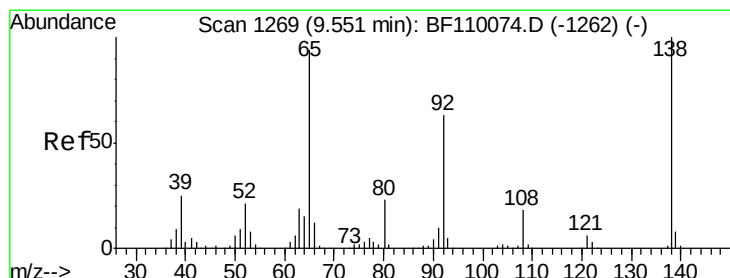
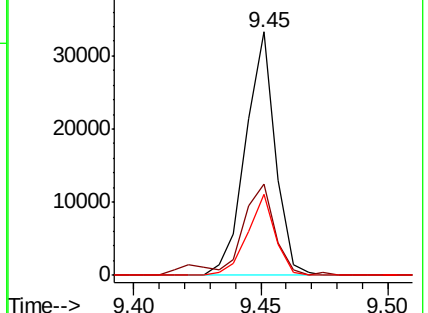
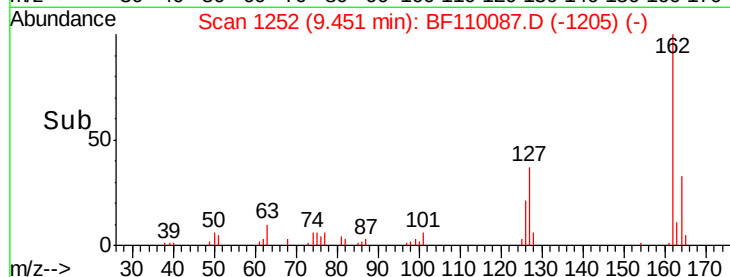
164 33.3 25.9 38.9



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: 0.932 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

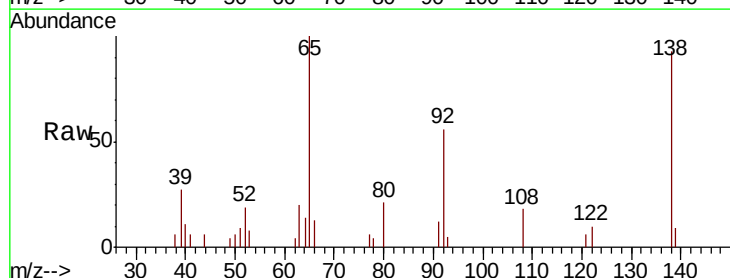
Tgt Ion: 65 Resp: 6897

Ion Ratio Lower Upper

65 100

92 55.6 54.6 81.8

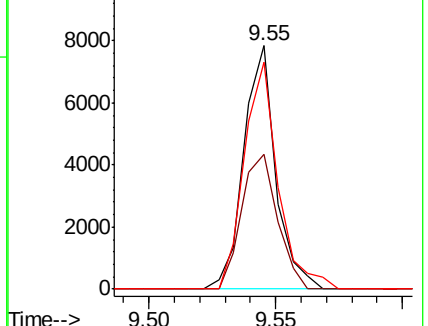
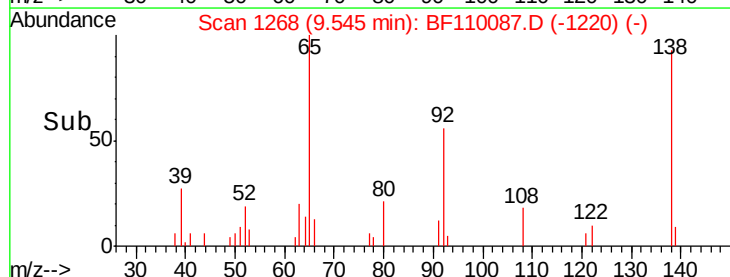
138 93.5 80.3 120.5

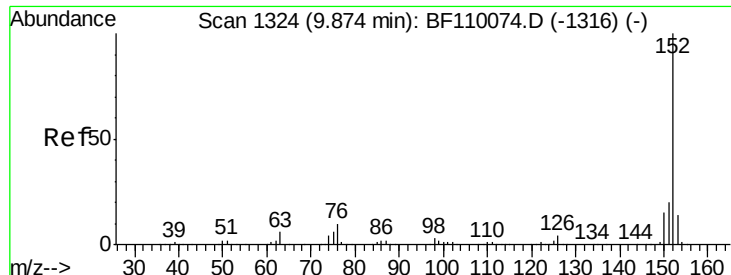


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 1.169 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

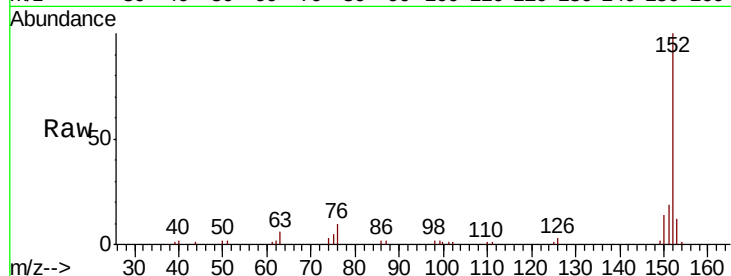
Tot Ion:152 Resp: 41214

Ion Ratio Lower Upper

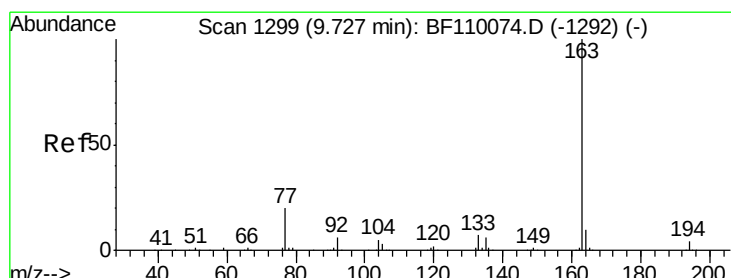
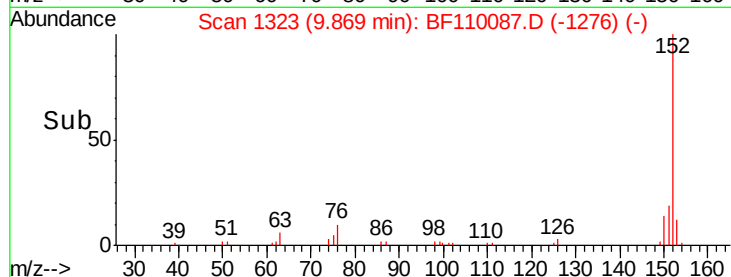
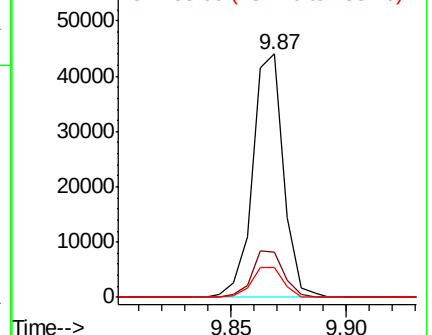
152 100

151 18.7 15.8 23.8

153 12.5 10.4 15.6



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



#50

Dimethylphthalate

Concen: 1.108 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

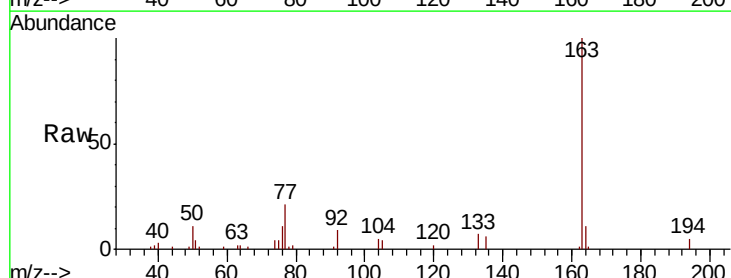
Tgt Ion:163 Resp: 30107

Ion Ratio Lower Upper

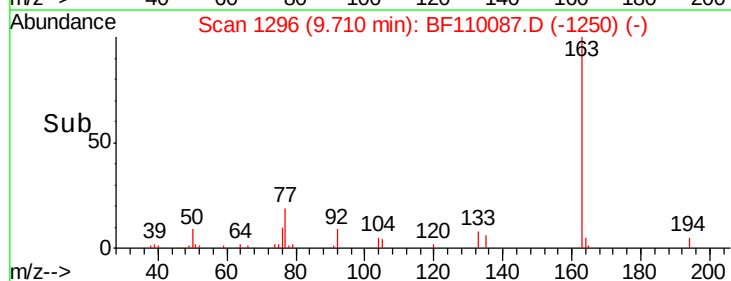
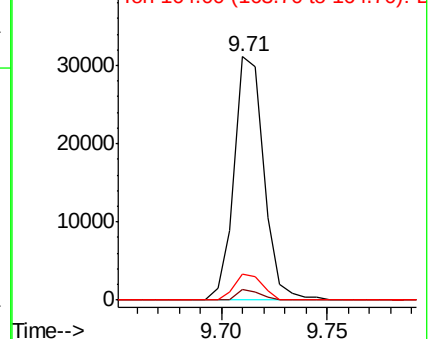
163 100

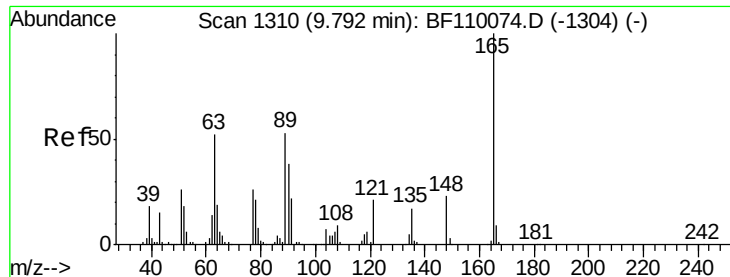
194 4.5 3.2 4.8

164 10.7 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

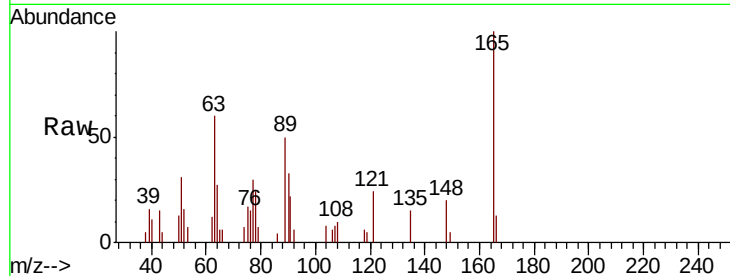




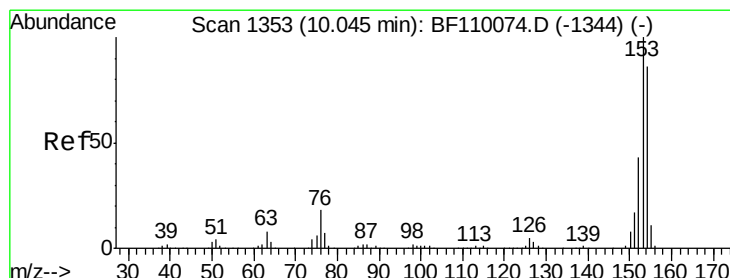
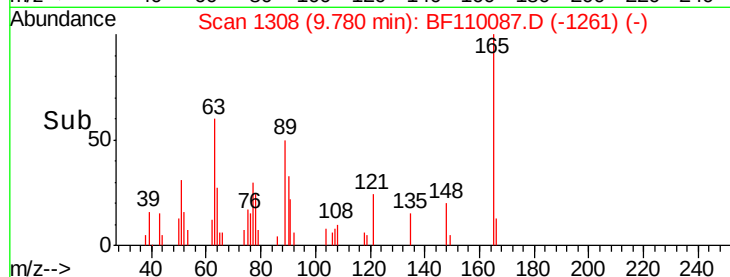
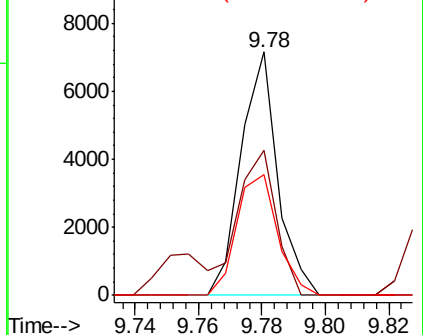
#51
2,6-Dinitrotoluene
Concen: 0.979 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 5726
Ion Ratio Lower Upper
165 100
63 59.8 48.9 73.3
89 49.7 46.6 69.8

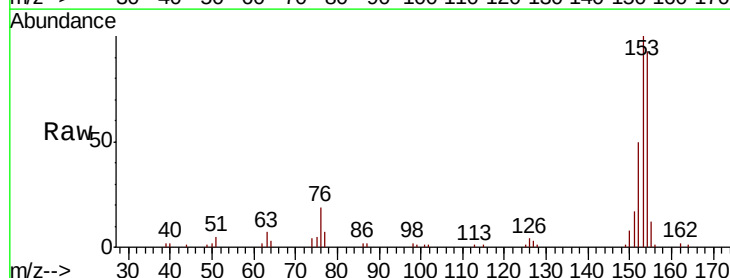


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

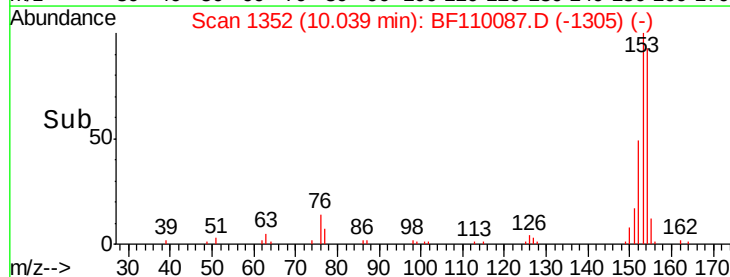
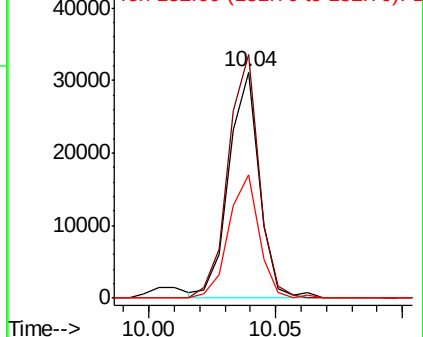


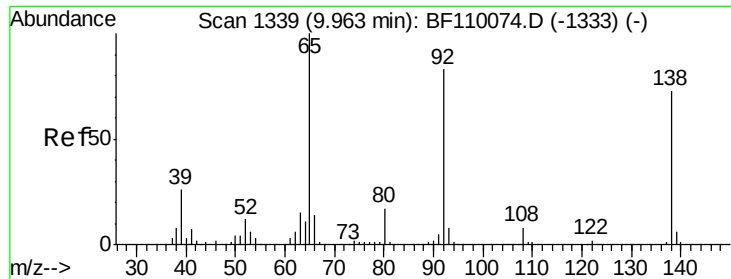
#52
Acenaphthene
Concen: 1.120 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:154 Resp: 26118
Ion Ratio Lower Upper
154 100
153 107.7 90.1 135.1
152 54.4 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

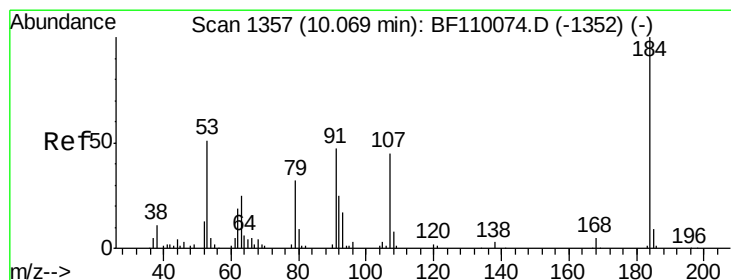
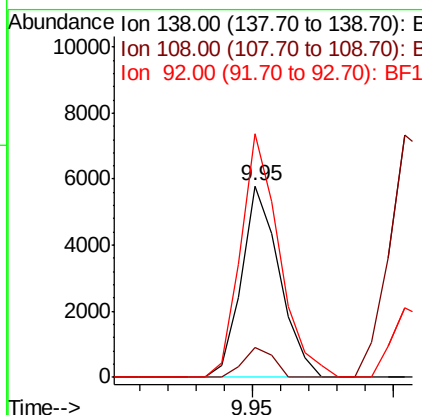
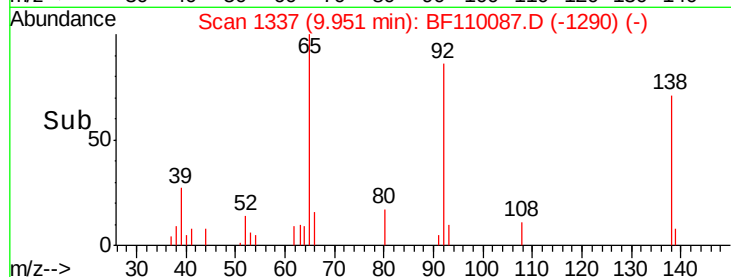
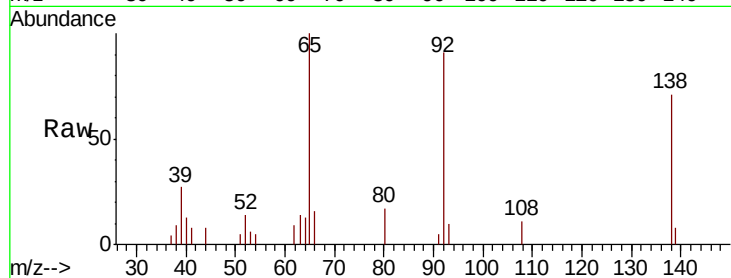




#53
 3-Nitroaniline
 Concen: 0.780 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

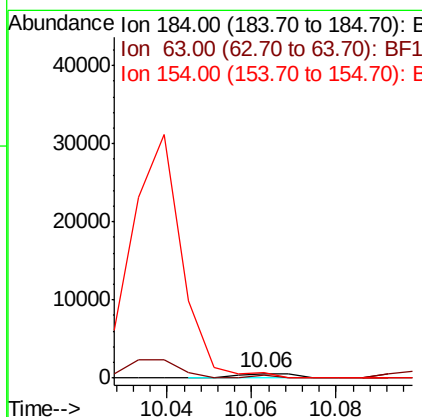
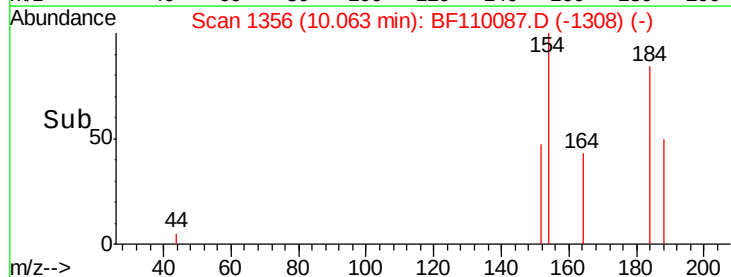
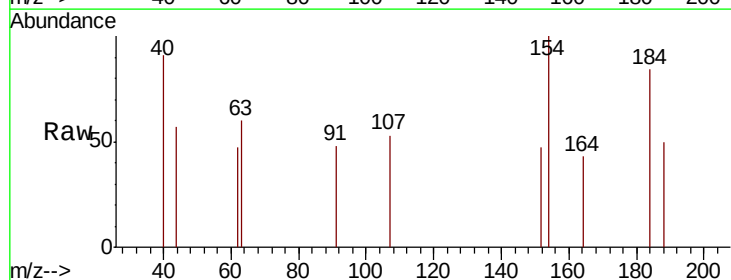
Instrument :
 BNA_F
 ClientSampleId :

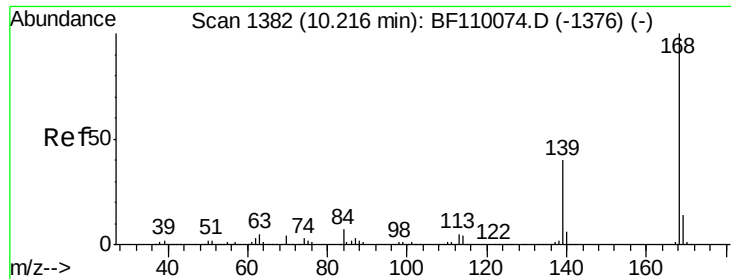
Tot Ion:138 Resp: 5427
 Ion Ratio Lower Upper
 138 100
 108 15.8 8.7 13.1#
 92 127.4 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 5.372 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion:184 Resp: 490
 Ion Ratio Lower Upper
 184 100
 63 71.6 55.8 83.6
 154 118.8 63.2 94.8#

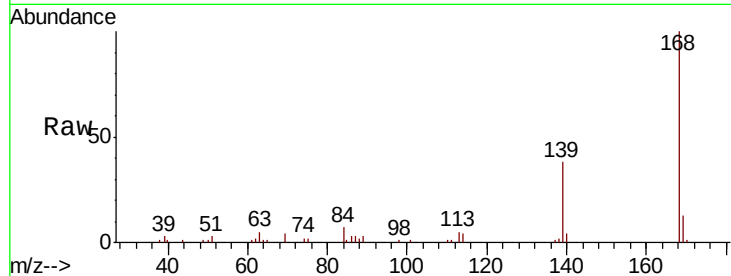




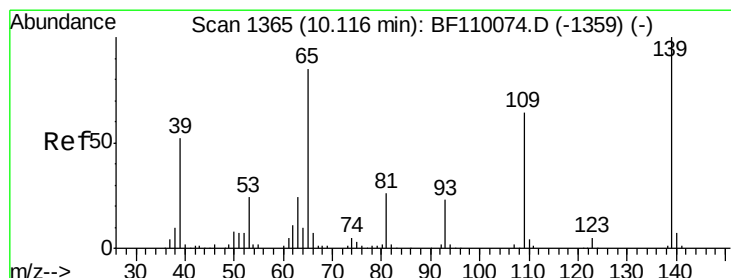
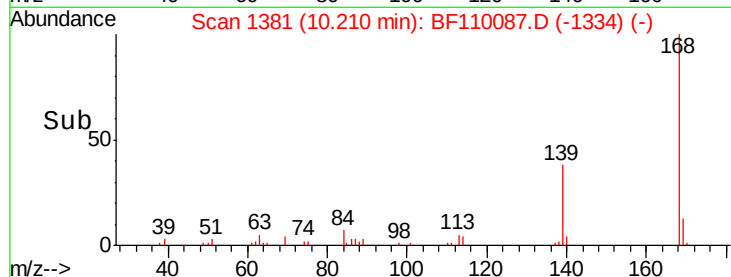
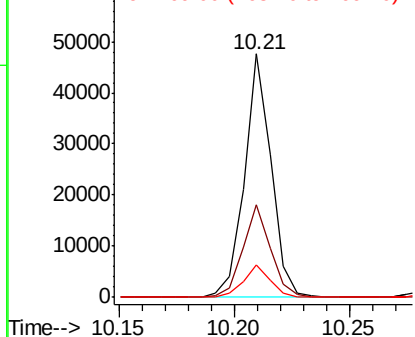
#55
Dibenzenofuran
Concen: 1.178 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 38467
Ion Ratio Lower Upper
168 100
139 37.8 33.0 49.6
169 13.4 11.3 16.9

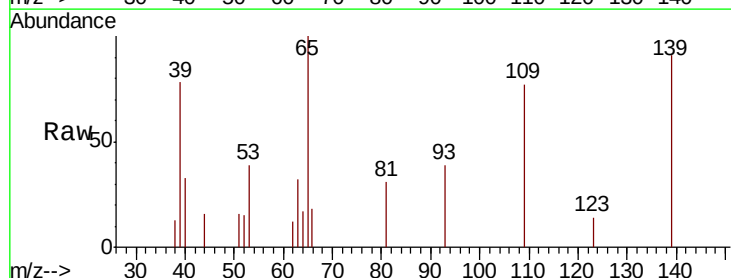


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

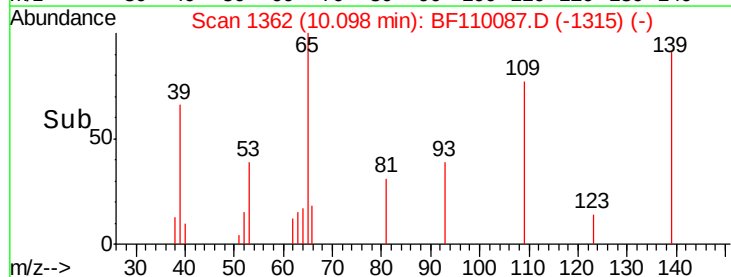
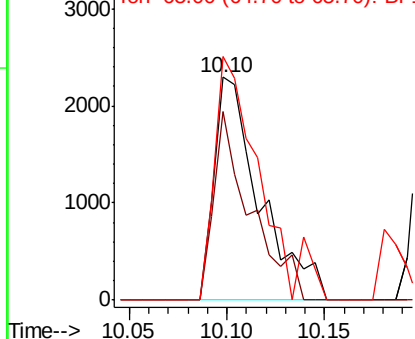


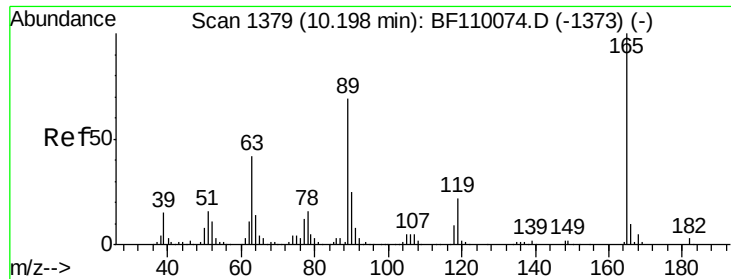
#56
4-Nitrophenol
Concen: 0.727 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:139 Resp: 3745
Ion Ratio Lower Upper
139 100
109 84.7 55.8 95.8
65 109.4 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

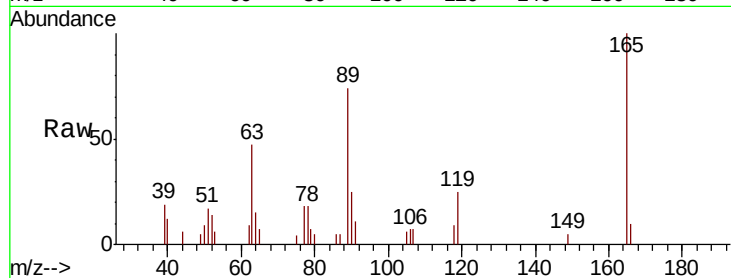




#57
2,4-Dinitrotoluene
Concen: 0.896 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	44.8	67.2
89	73.9	62.2	93.4
182	0.0	2.1	3.1



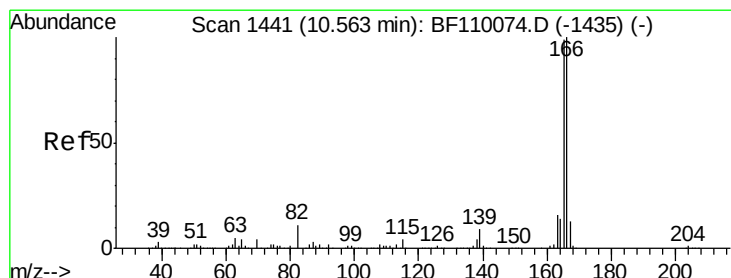
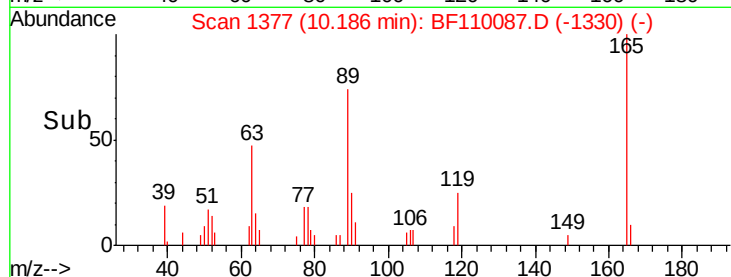
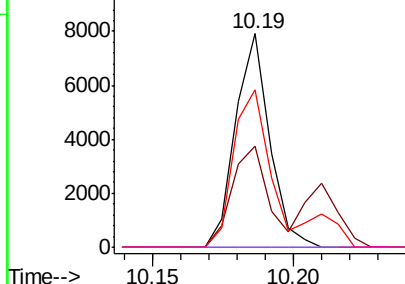
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

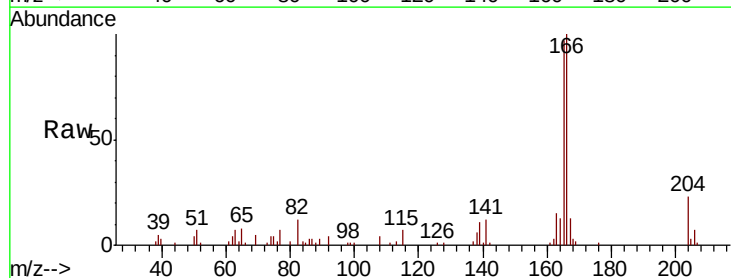
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 1.245 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	12.9	10.8	16.2

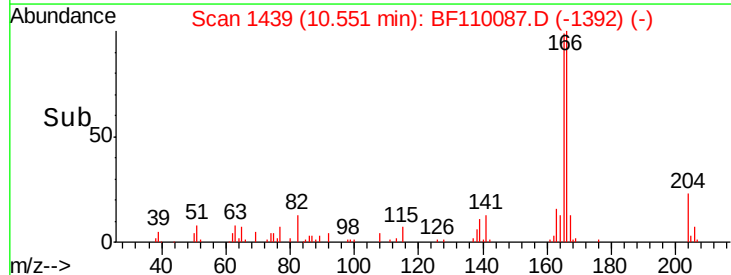
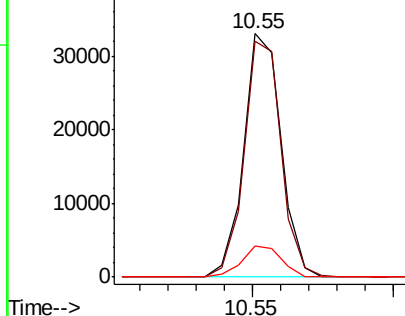


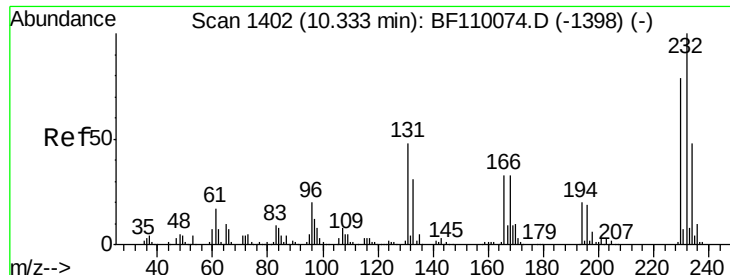
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

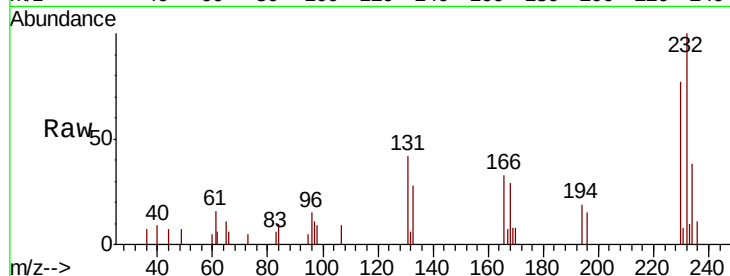




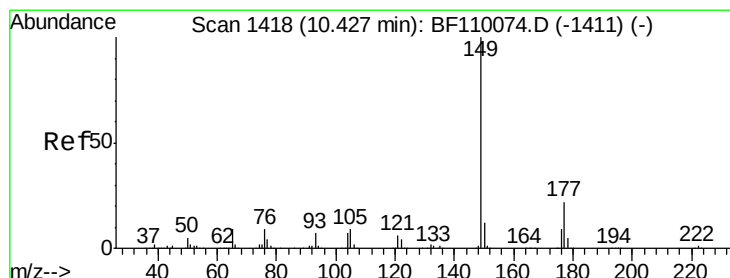
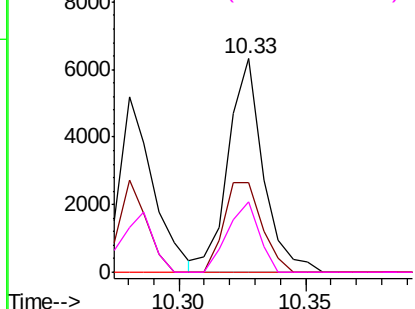
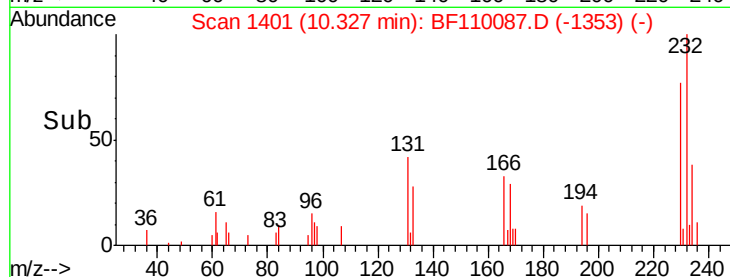
#59
2,3,4,6-Tetrachlorophenol
Concen: 0.950 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 6052
Ion Ratio Lower Upper
232 100
131 46.3 37.0 55.4
130 0.0 1.8 2.6#
166 29.7 22.0 33.0

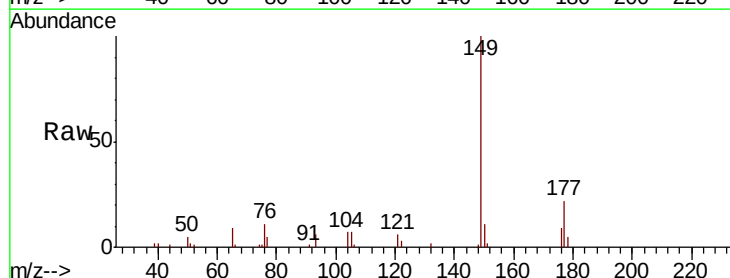


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

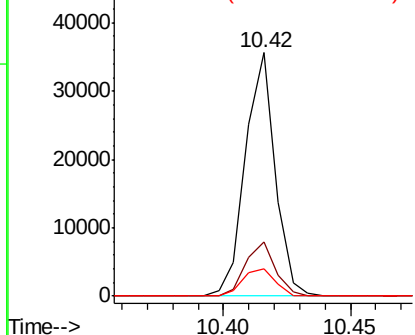
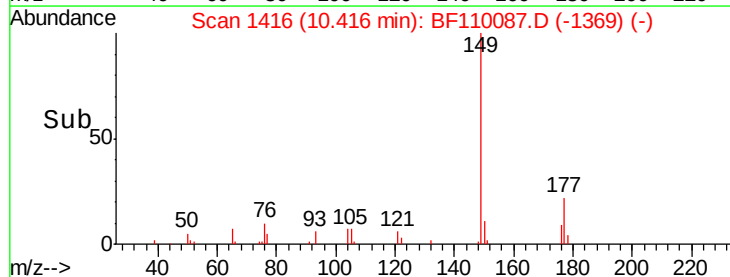


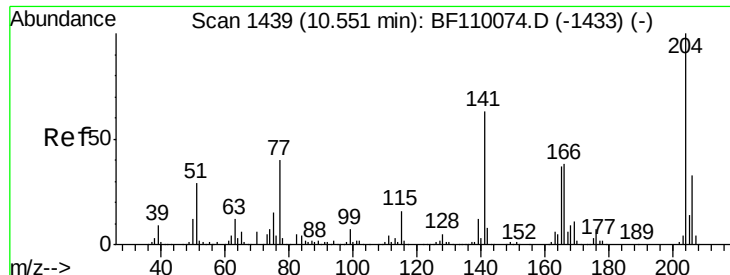
#60
Diethylphthalate
Concen: 1.103 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:149 Resp: 29250
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 11.3 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

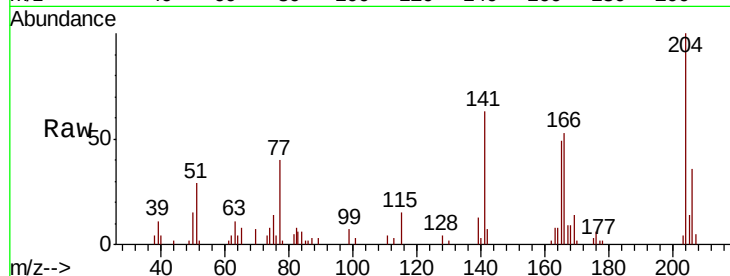




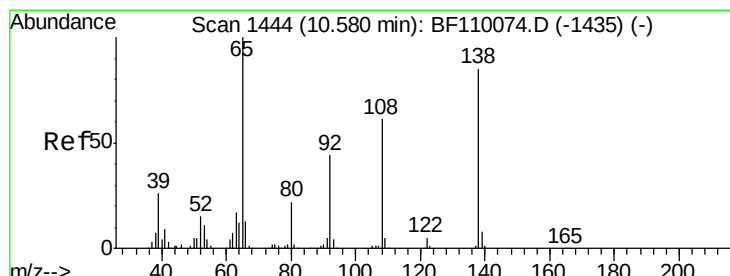
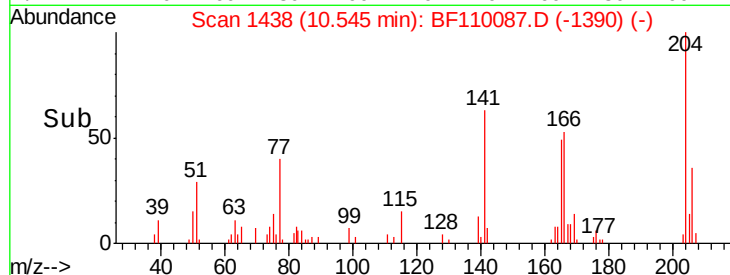
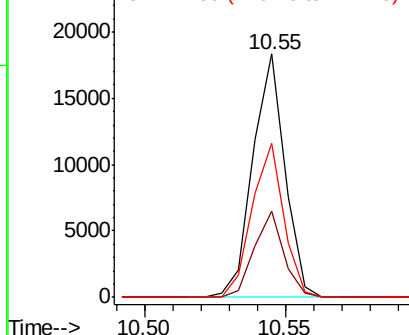
#61
 4-Chlorophenyl-phenylether
 Concen: 1.127 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 14446
 Ion Ratio Lower Upper
 204 100
 206 35.5 26.5 39.7
 141 63.3 51.8 77.8

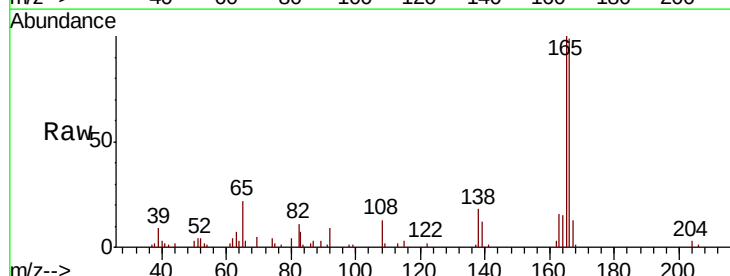


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

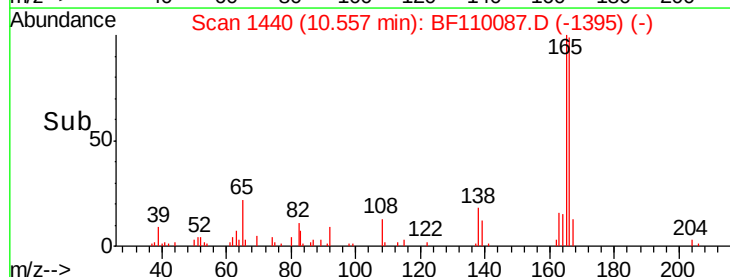
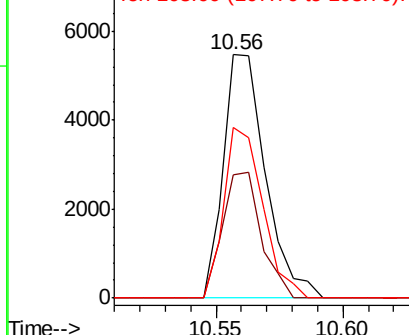


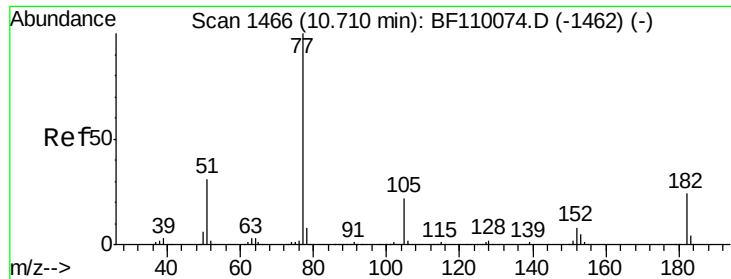
#62
 4-Nitroaniline
 Concen: 0.917 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.04 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion:138 Resp: 6346
 Ion Ratio Lower Upper
 138 100
 92 50.5 31.7 71.7
 108 70.2 59.3 99.3



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

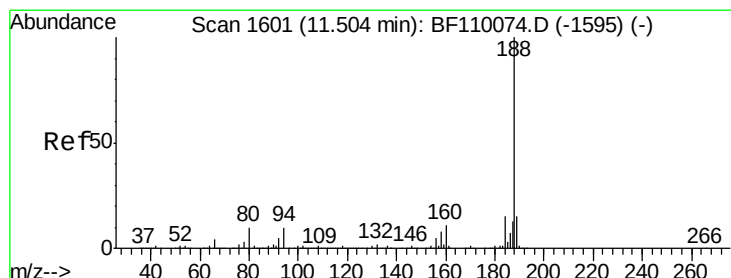
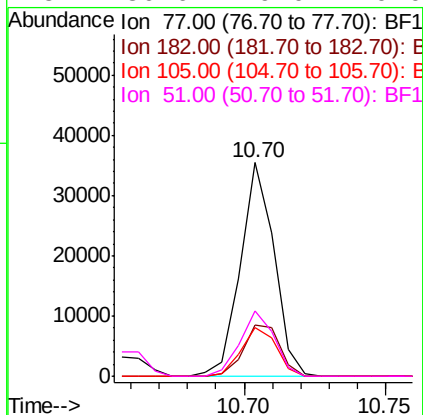
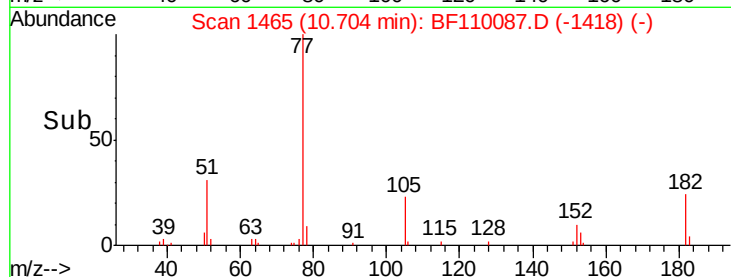
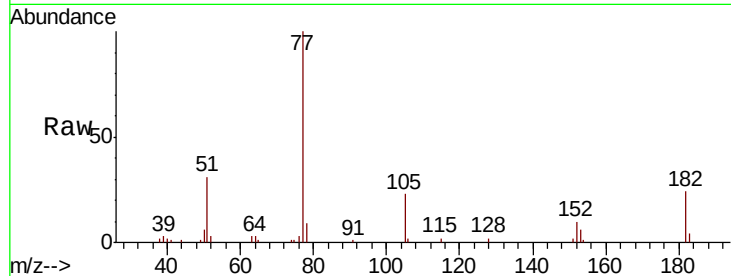




#63
Azobenzene
Concen: 1.115 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

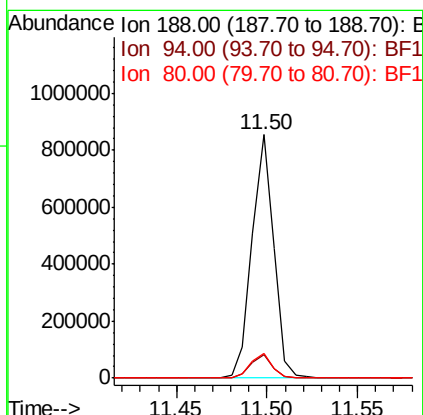
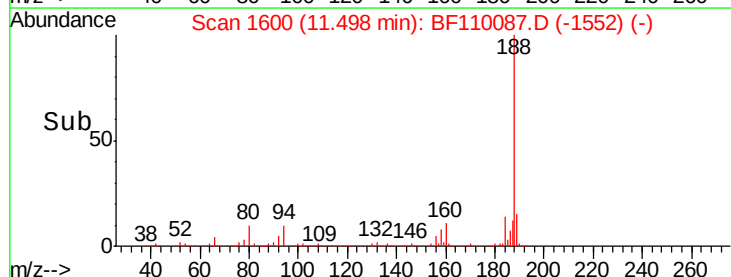
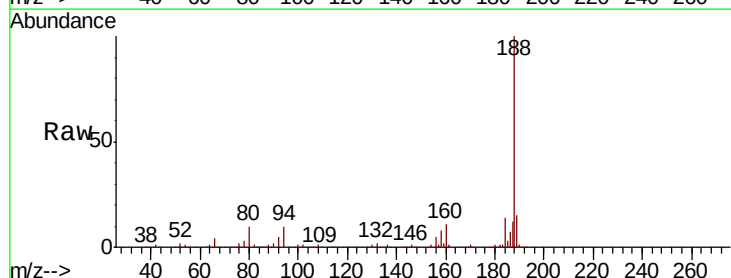
Instrument :
BNA_F
ClientSampled :

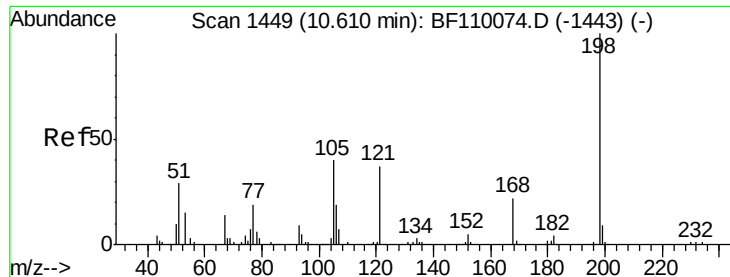
Tot Ion:	77	Resp:	29362
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.3	44.3
105	22.7	1.3	41.3
51	30.6	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:	188	Resp:	714435
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.3	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 0.409 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

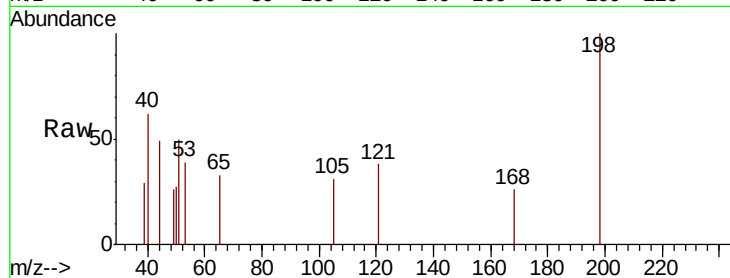
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 1336

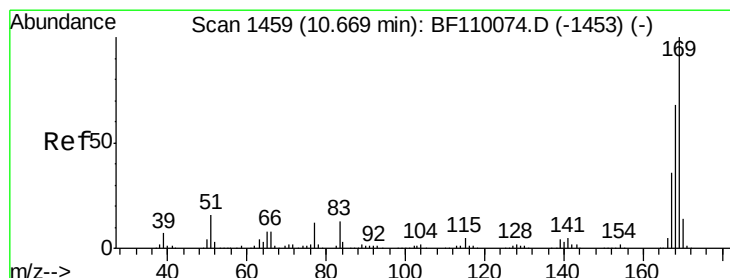
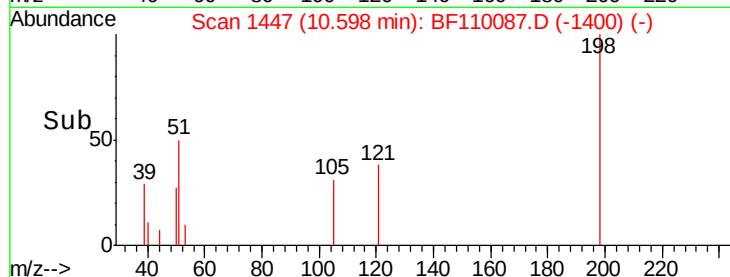
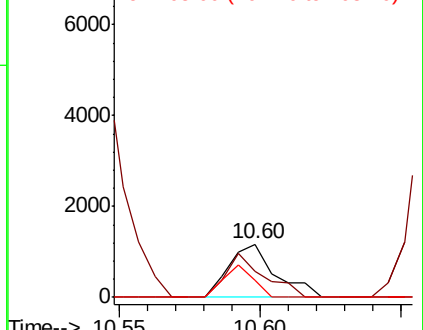
Ion	Ratio	Lower	Upper
198	100		
51	49.7	22.8	62.8
105	31.3	23.6	63.6



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: 1.045 ng

RT: 10.66 min Scan# 1458

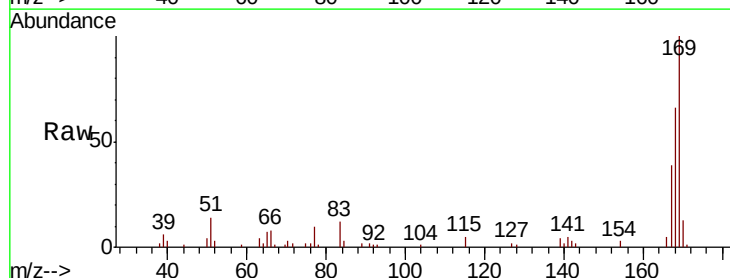
Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Tgt Ion:169 Resp: 24486

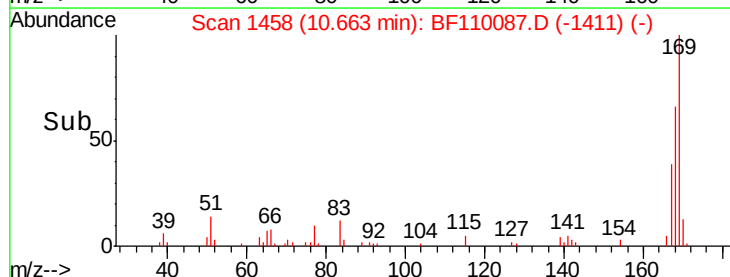
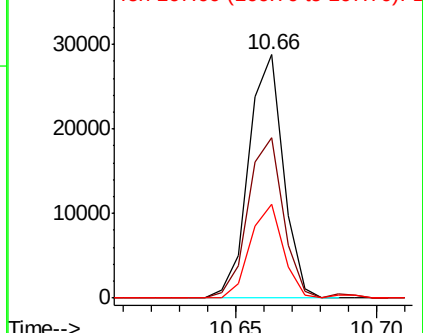
Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.2	76.8
167	38.8	27.8	41.6

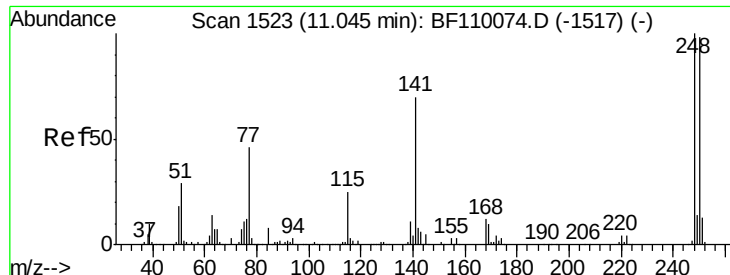


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

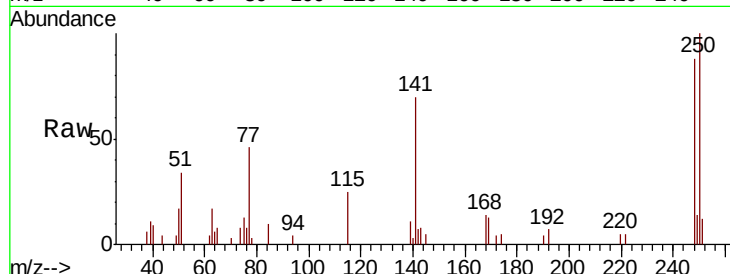




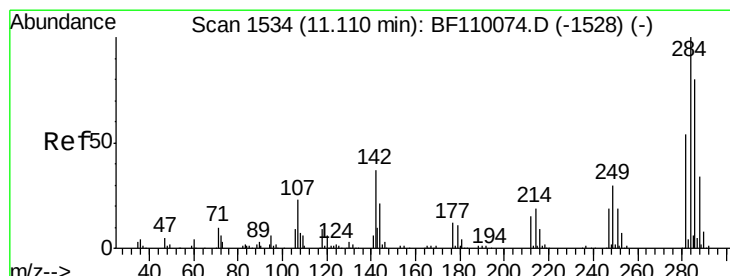
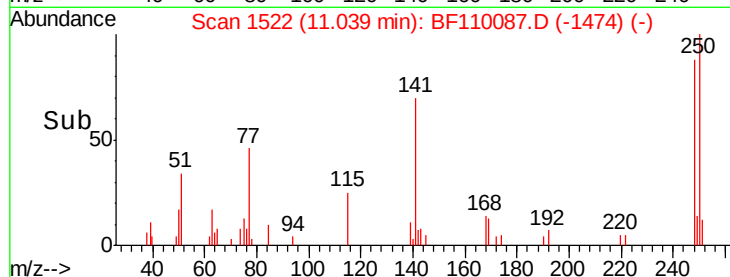
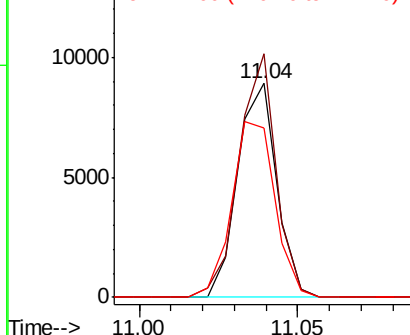
#67
4-Bromophenyl-phenylether
Concen: 0.979 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7585
Ion Ratio Lower Upper
248 100
250 113.7 79.4 119.2
141 79.0 55.9 83.9

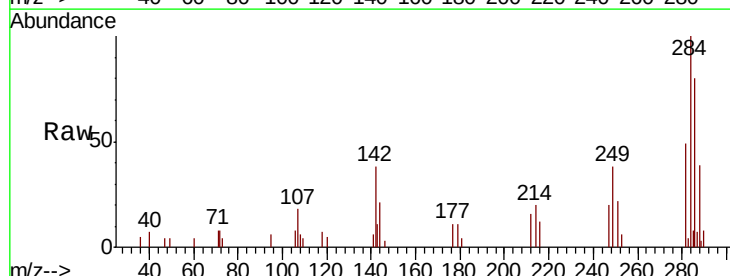


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

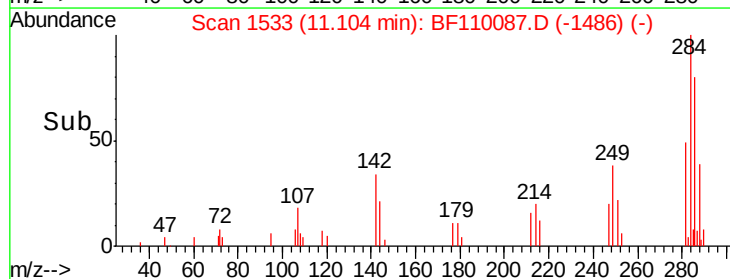
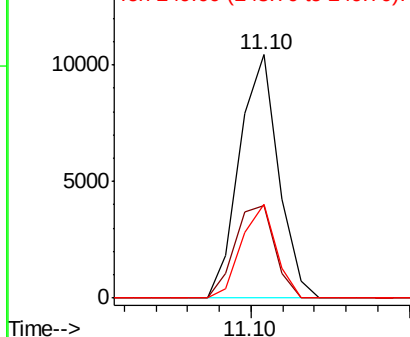


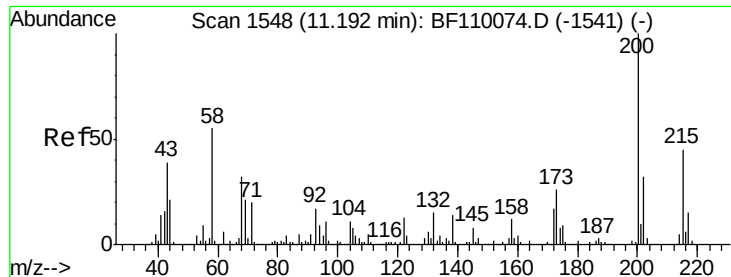
#68
Hexachlorobenzene
Concen: 1.079 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:284 Resp: 8875
Ion Ratio Lower Upper
284 100
142 38.2 23.9 35.9#
249 38.5 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

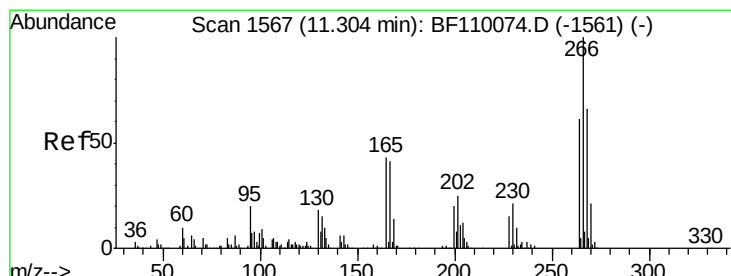
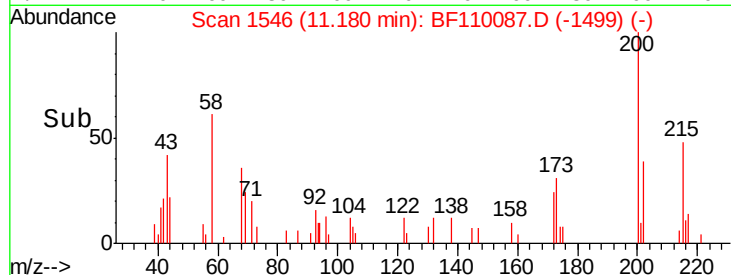
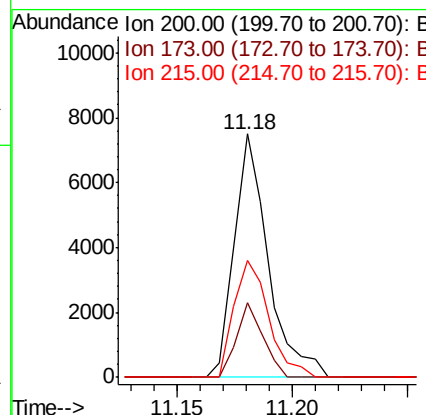
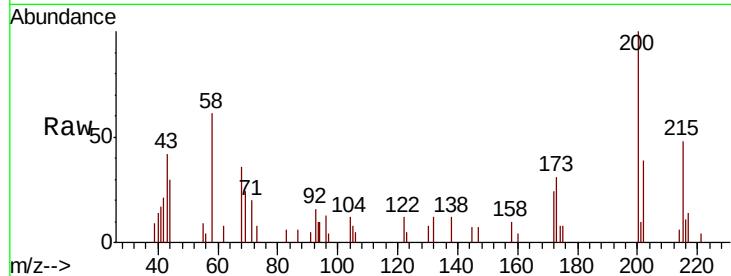




#69
Atrazine
Concen: 1.033 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

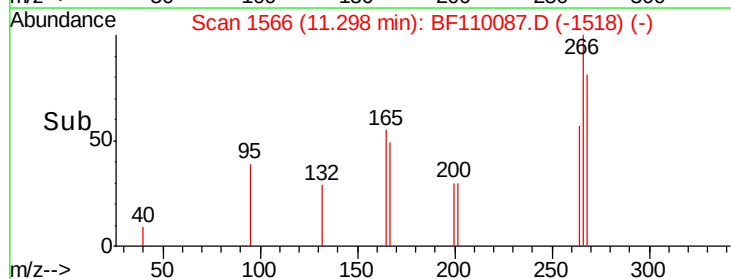
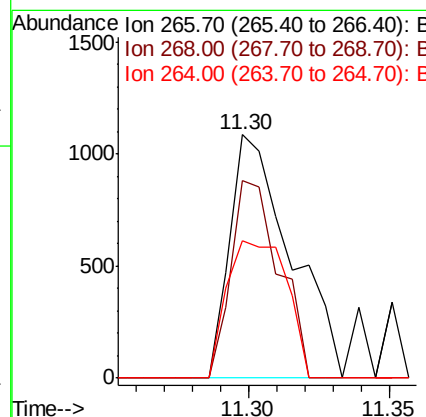
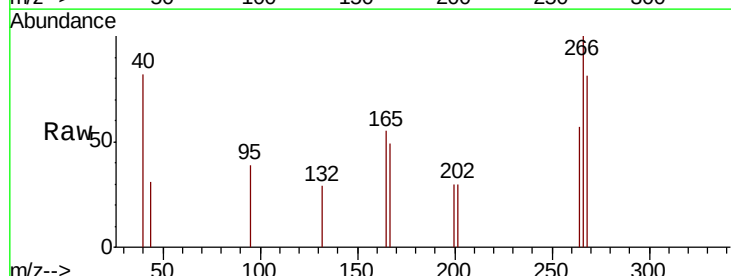
Instrument :
BNA_F
ClientSampled :

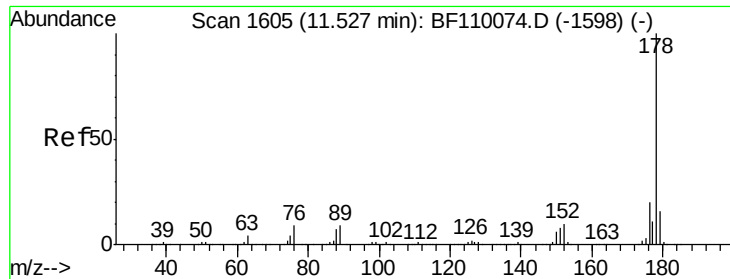
Tot Ion:200 Resp: 7648
Ion Ratio Lower Upper
200 100
173 30.9 6.6 46.6
215 48.2 26.3 66.3



#70
Pentachlorophenol
Concen: 0.338 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:266 Resp: 1621
Ion Ratio Lower Upper
266 100
268 81.1 50.6 75.8#
264 56.6 50.6 75.8

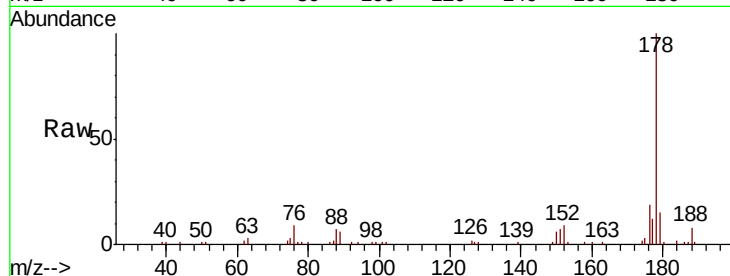




#71
 Phenanthrene
 Concen: 1.234 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	14.8	12.5	18.7

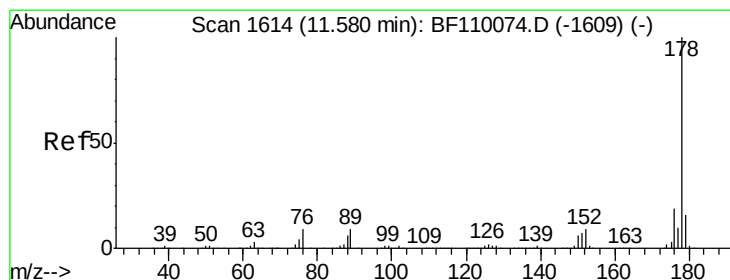
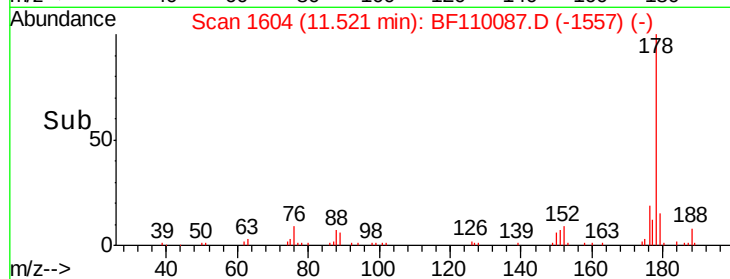
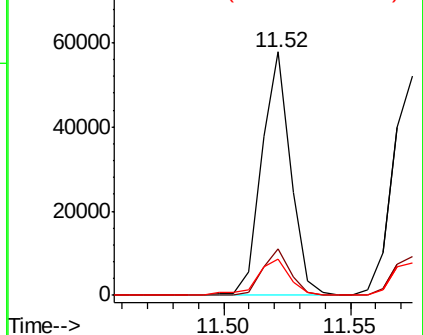


Abundance

Ion 178.00 (177.70 to 178.70): E

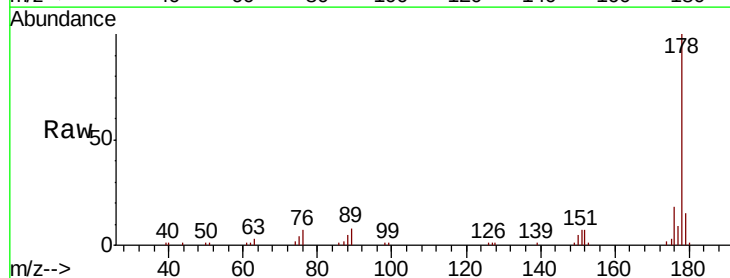
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Anthracene
 Concen: 1.243 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	14.8	12.6	18.8

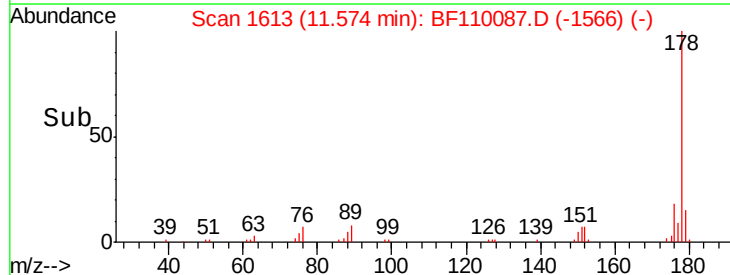
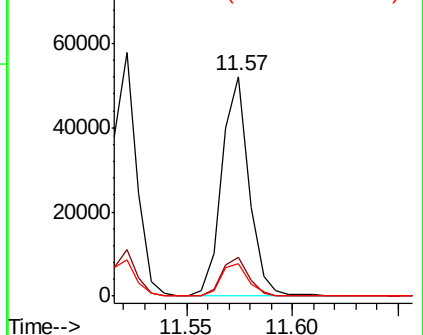


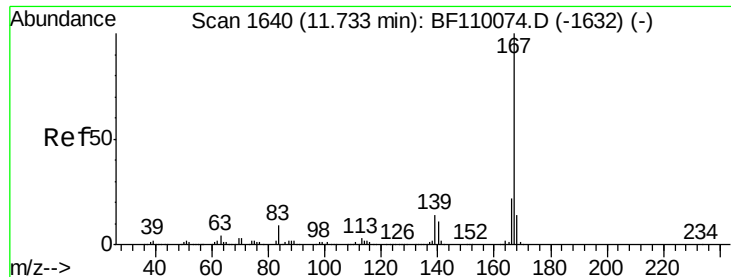
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

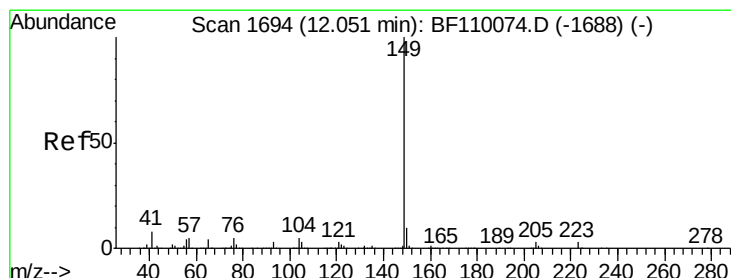
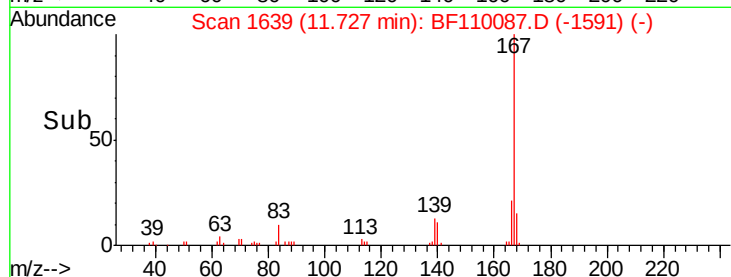
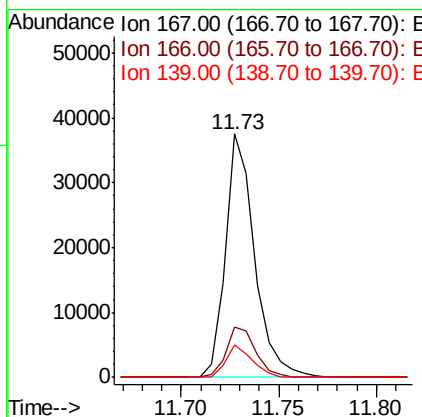
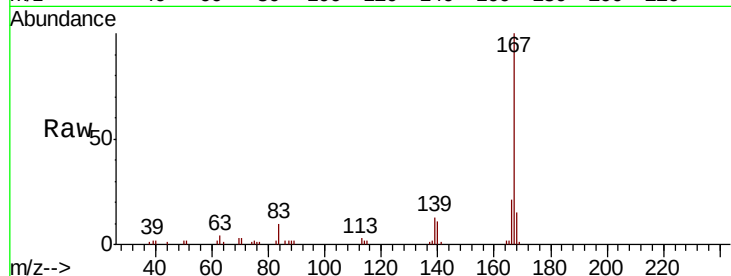




#73
 Carbazole
 Concen: 1.055 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

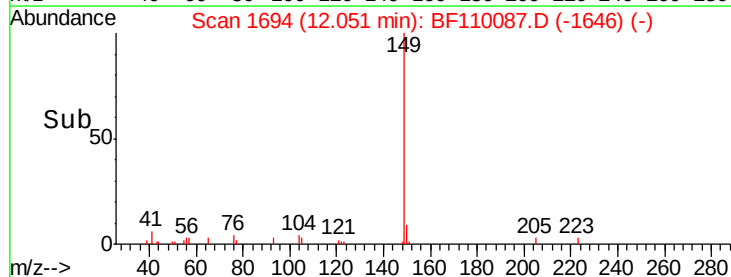
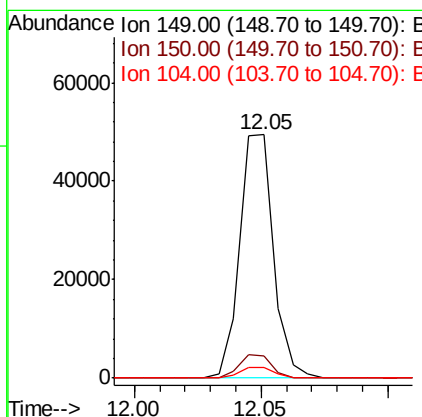
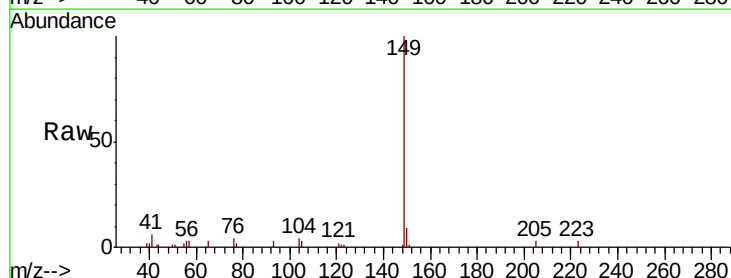
Instrument :
 BNA_F
 ClientSampleId :

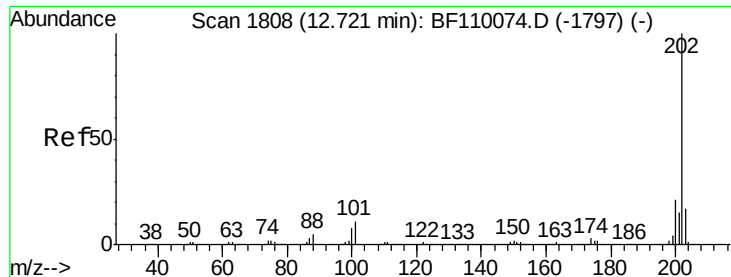
Tot Ion	167	Resp	38597
Ion Ratio	100	Lower	Upper
166	20.8	17.4	26.0
139	13.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 1.103 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion	149	Resp	45586
Ion Ratio	100	Lower	Upper
150	9.3	7.7	11.5
104	4.4	4.2	6.4

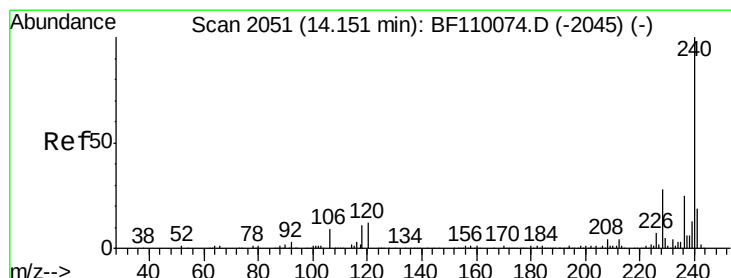
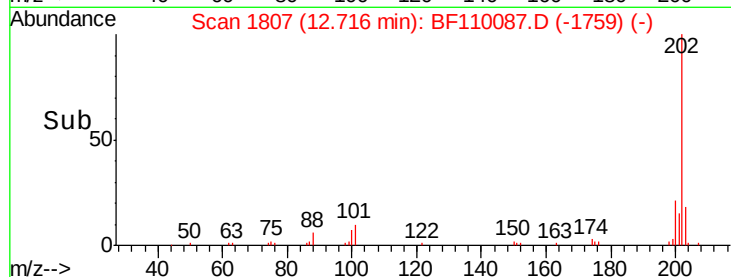
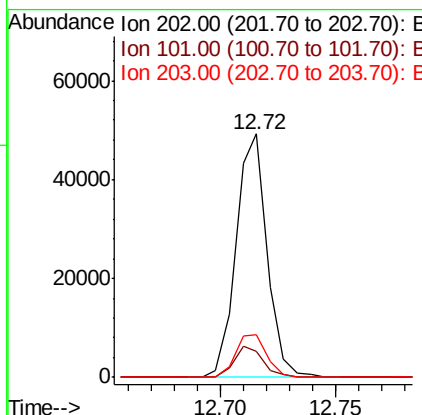
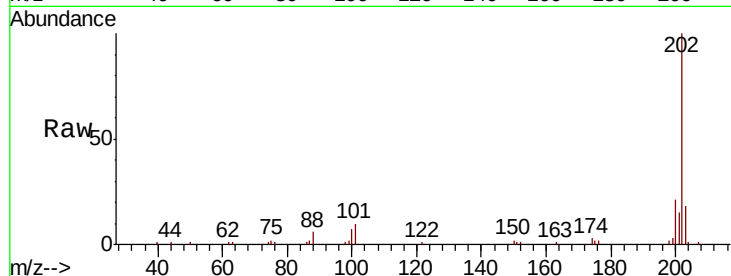




#75
 Fluoranthene
 Concen: 1.209 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

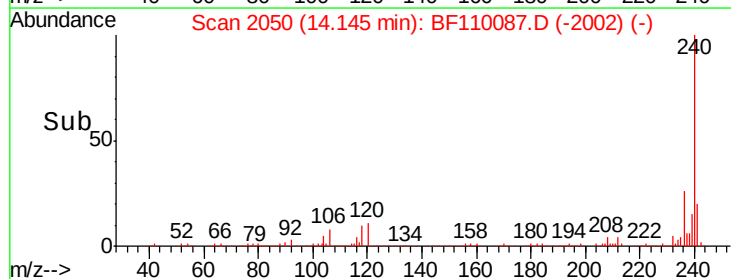
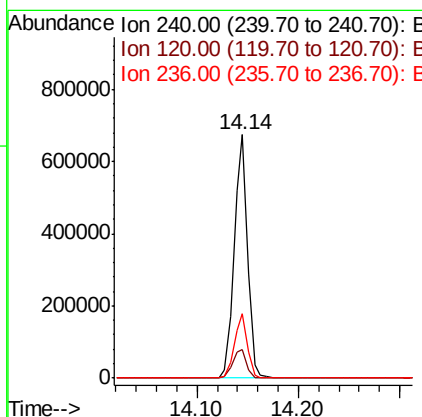
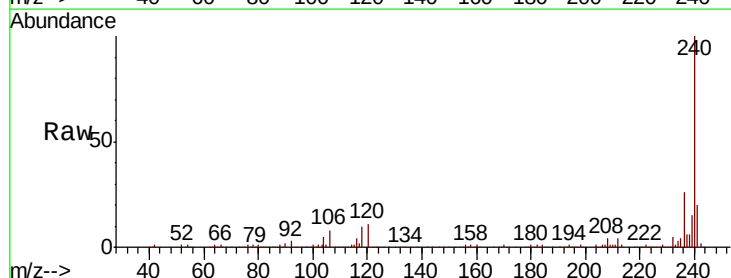
Instrument :
 BNA_F
 ClientSampleId :

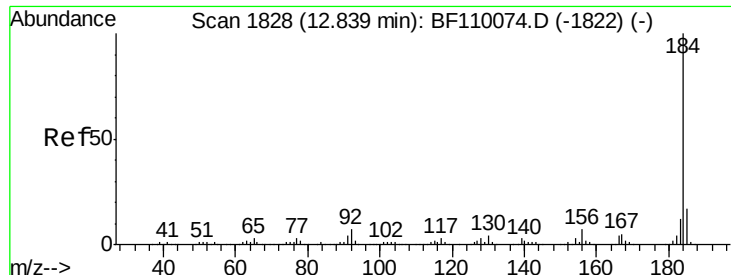
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.5	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110087.D
 Acq: 23 Oct 2018 19:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.3	21.2	31.8

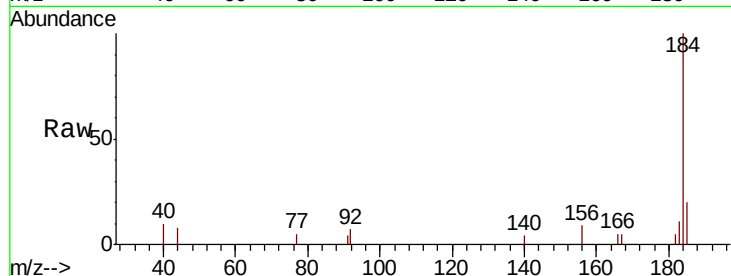




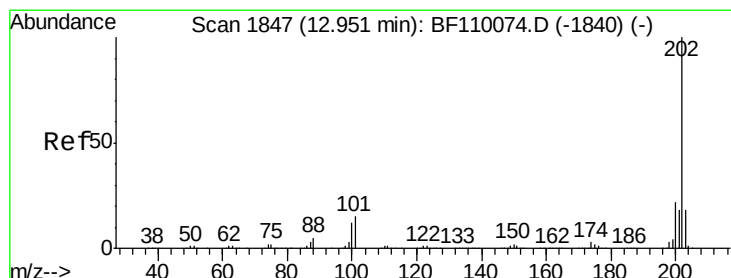
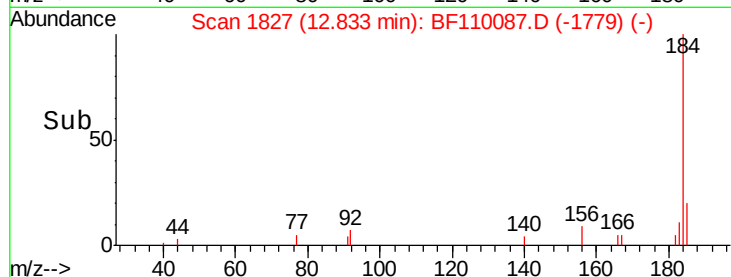
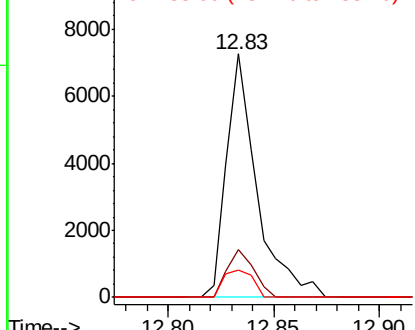
#77
Benzidine
Concen: 0.281 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 7255
Ion Ratio Lower Upper
184 100
185 19.7 13.4 20.2
183 11.0 9.4 14.2

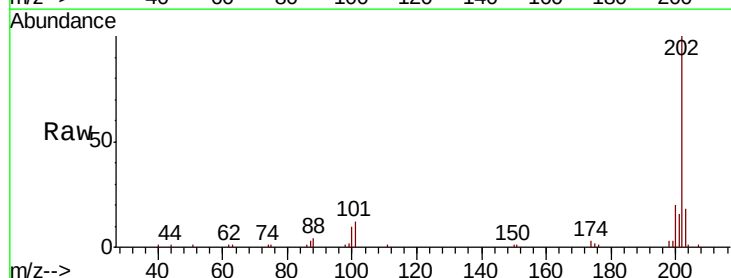


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

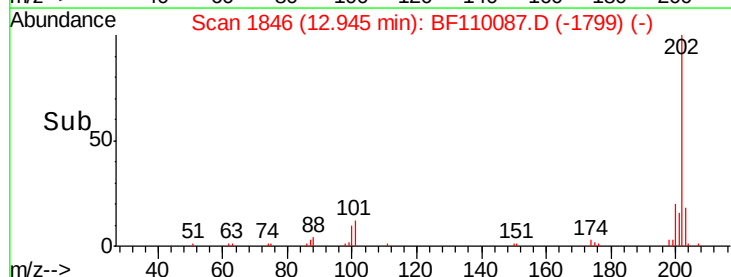
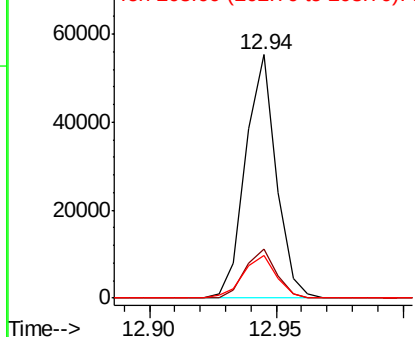


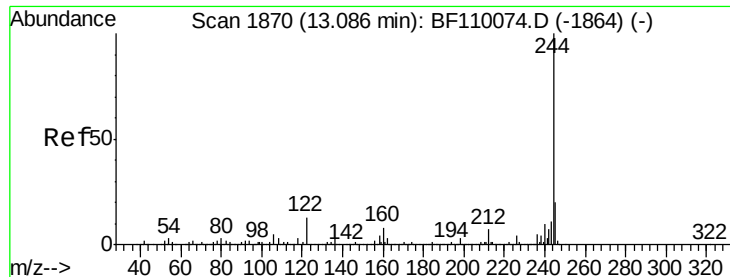
#78
Pyrene
Concen: 1.061 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:202 Resp: 46584
Ion Ratio Lower Upper
202 100
200 20.1 17.8 26.6
203 17.6 14.2 21.4



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





#79

Terphenyl-d14

Concen: 67.900 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

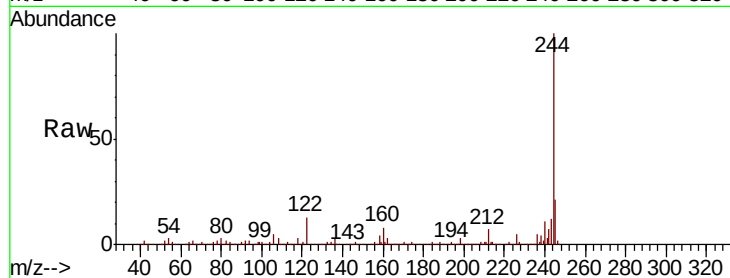
Tot Ion:244 Resp: 1999683

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.4	8.7	13.1

244 100

212 7.4 5.8 8.8

122 13.4 8.7 13.1

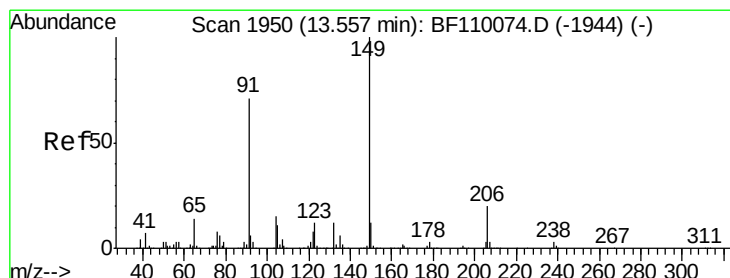
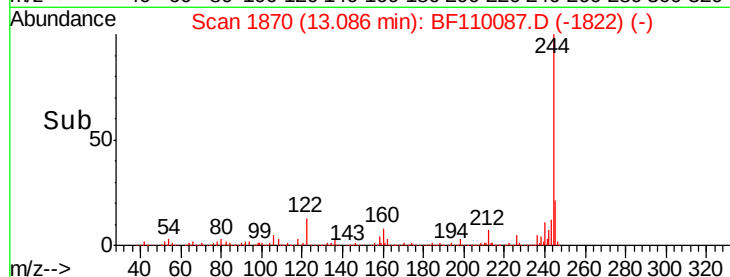
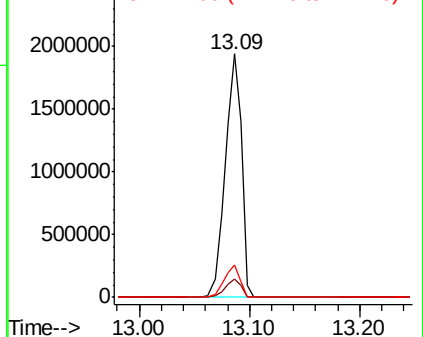


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.848 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

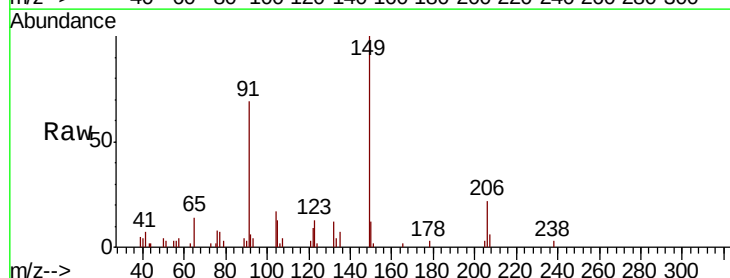
Tgt Ion:149 Resp: 16161

Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.2	85.8
206	21.6	15.7	23.5

149 100

91 68.9 57.2 85.8

206 21.6 15.7 23.5

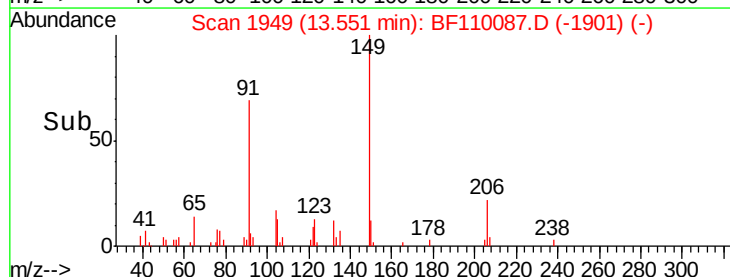
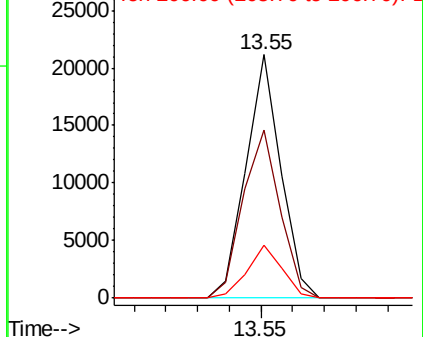


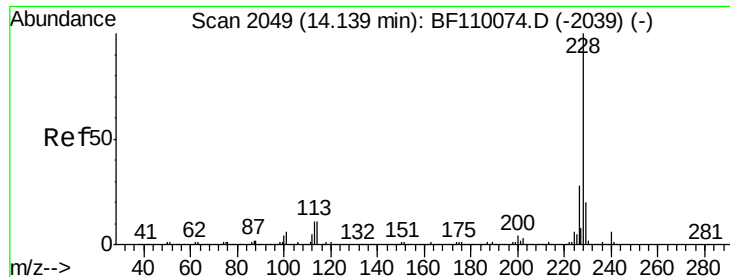
Abundance

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: 1.169 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

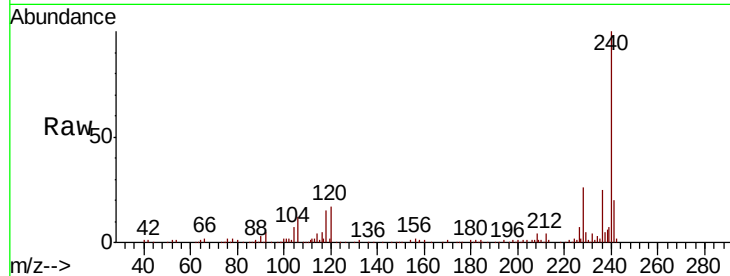
Tot Ion:228 Resp: 42452

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

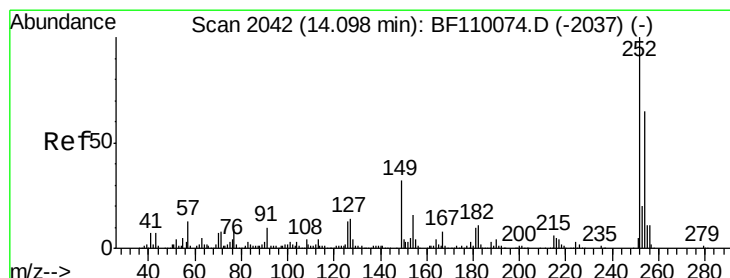
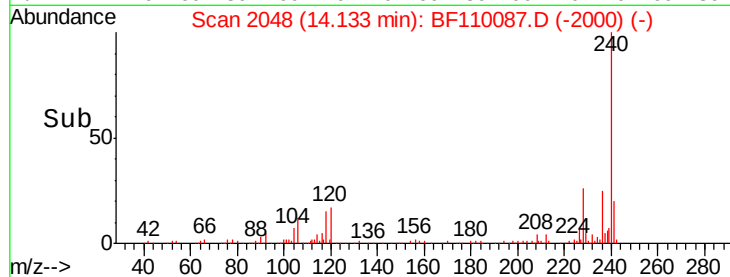
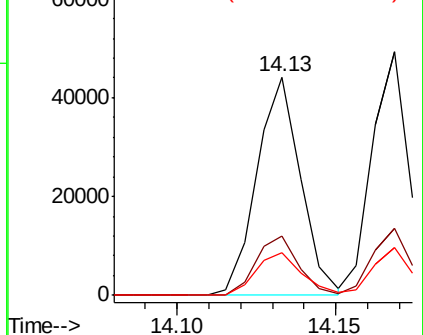
229 19.8 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.727 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

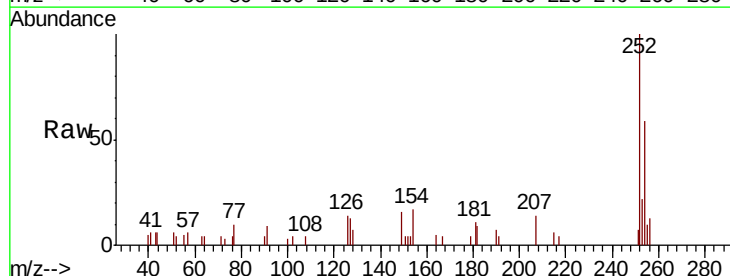
Tgt Ion:252 Resp: 9199

Ion Ratio Lower Upper

252 100

254 59.3 51.3 76.9

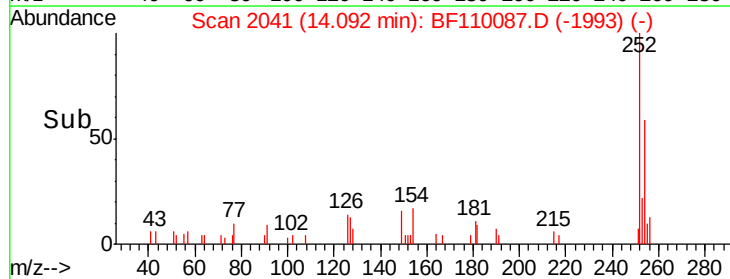
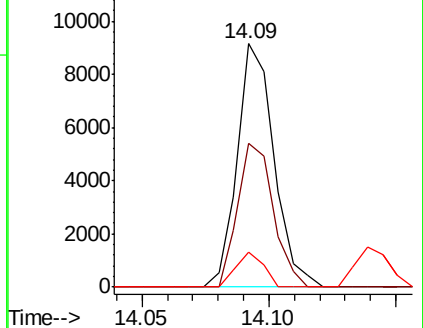
126 14.2 9.4 14.2

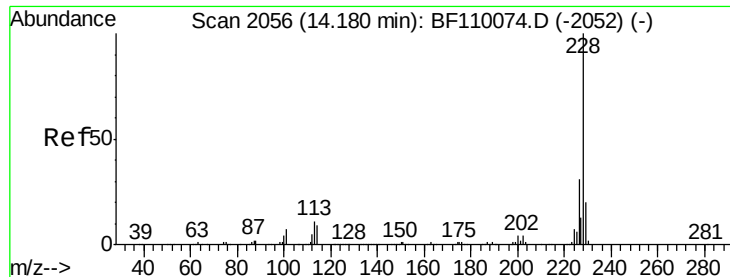


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 1.175 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

Instrument :

BNA_F

ClientSampleId :

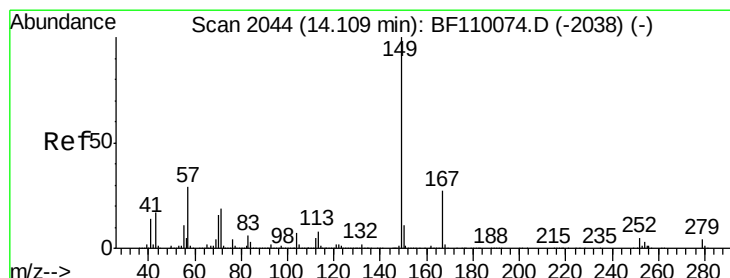
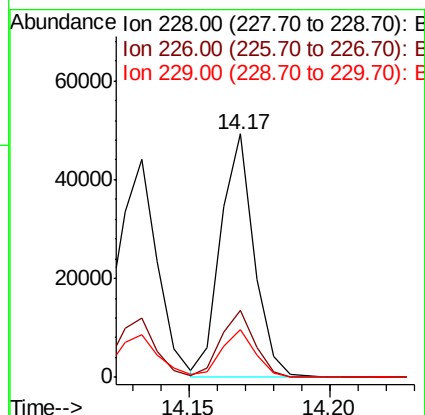
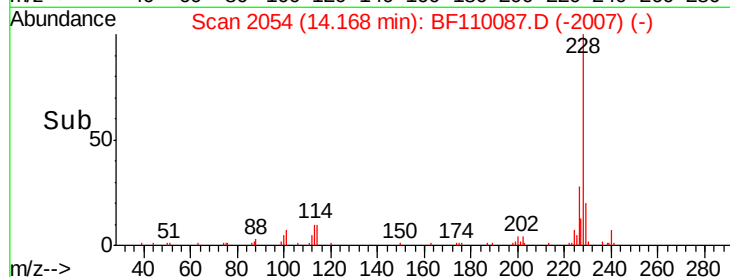
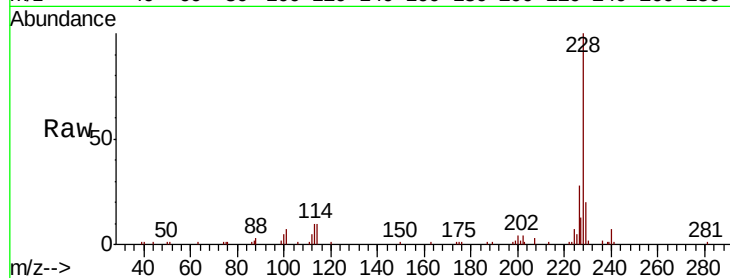
Tot Ion:228 Resp: 40534

Ion Ratio Lower Upper

228 100

226 27.5 24.7 37.1

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.932 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110087.D

Acq: 23 Oct 2018 19:42

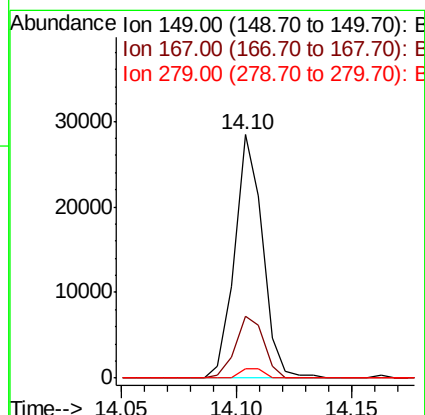
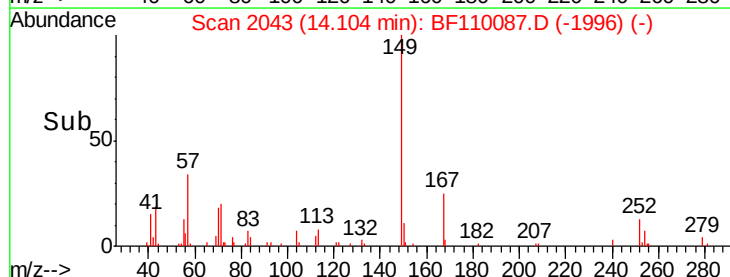
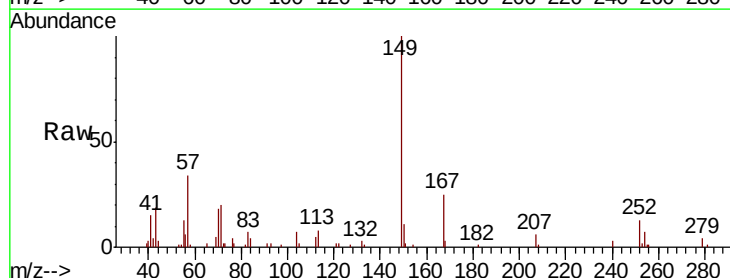
Tgt Ion:149 Resp: 24023

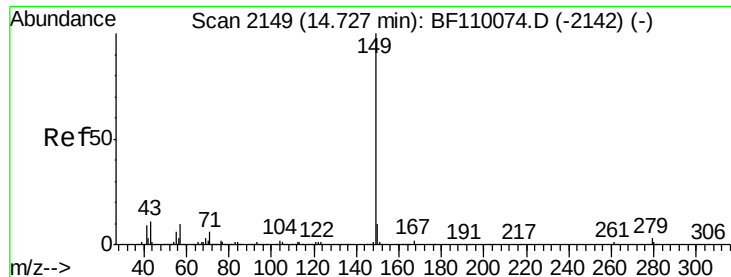
Ion Ratio Lower Upper

149 100

167 25.2 19.8 29.8

279 4.0 2.7 4.1

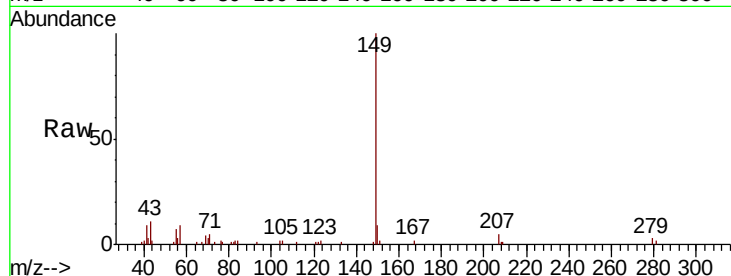




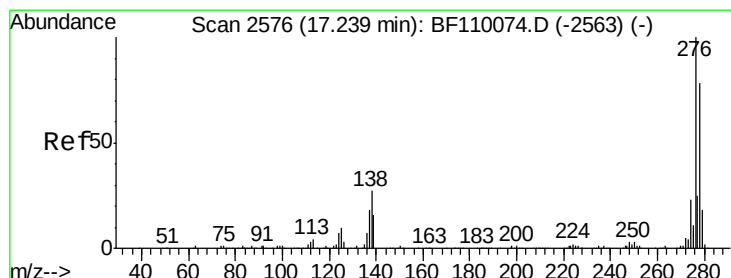
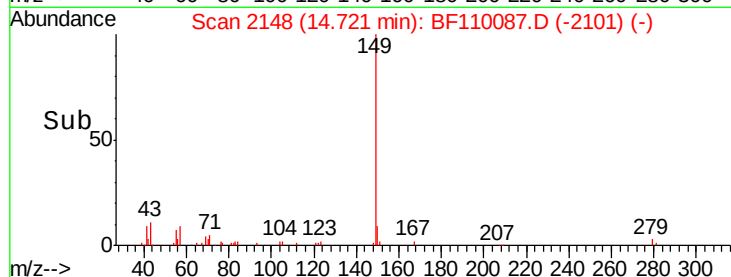
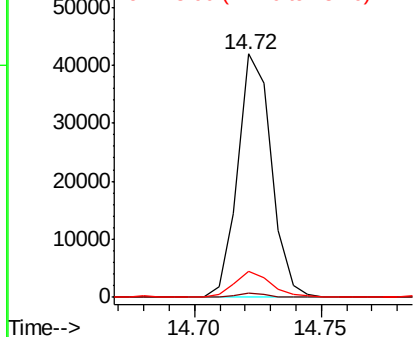
#85
Di-n-octyl phthalate
Concen: 0.962 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 38555
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.8 7.8 11.8#

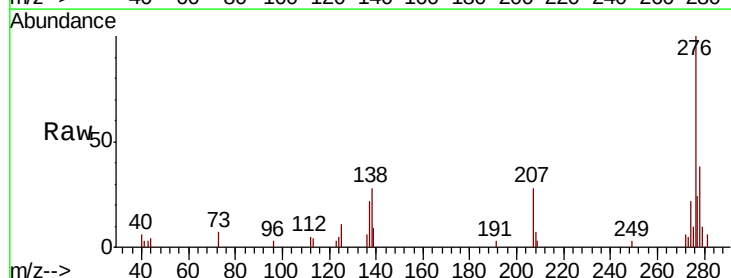


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

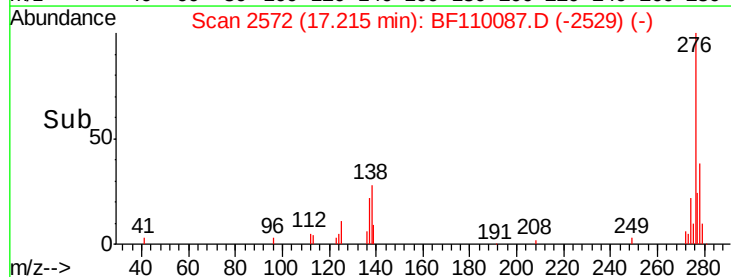
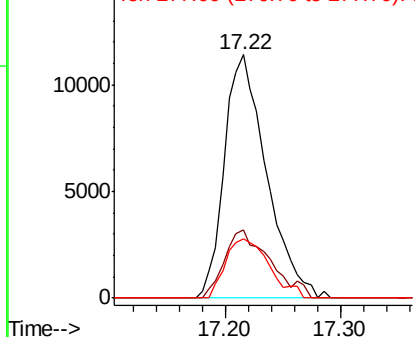


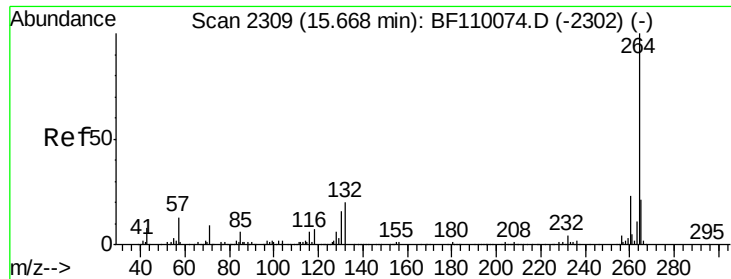
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.007 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:276 Resp: 28826
Ion Ratio Lower Upper
276 100
138 30.2 18.5 27.7#
277 25.3 20.0 30.0



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

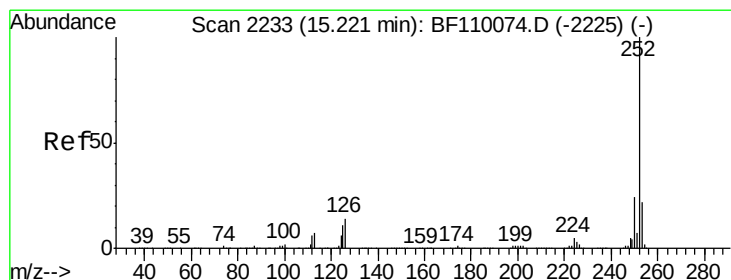
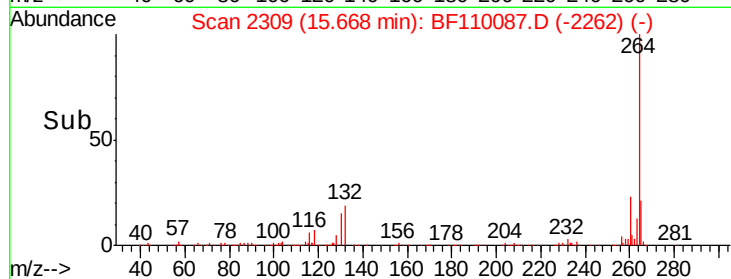
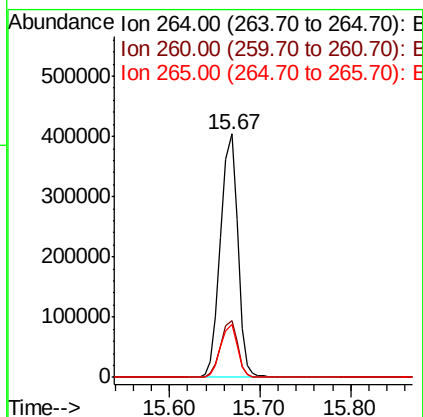
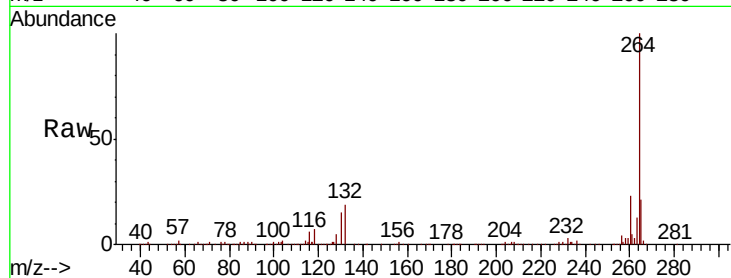




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

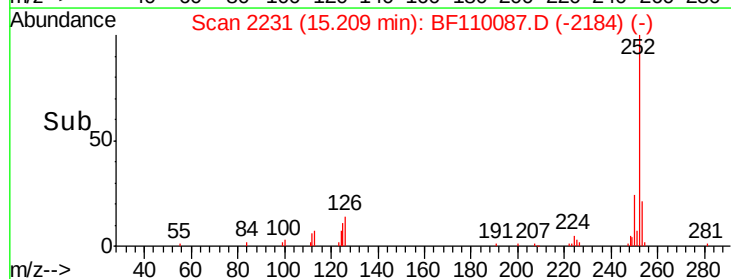
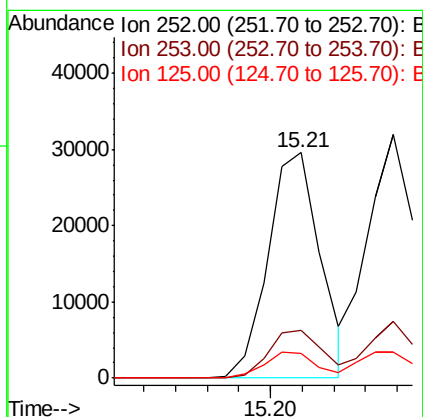
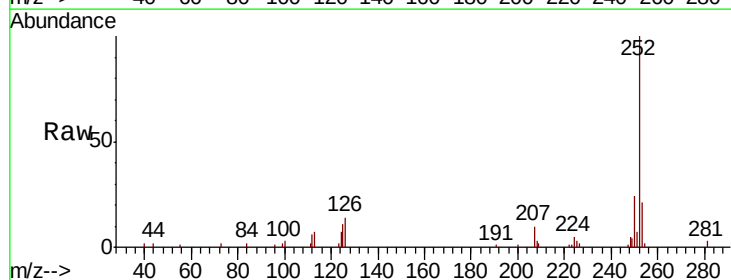
Instrument :
BNA_F
ClientSampled :

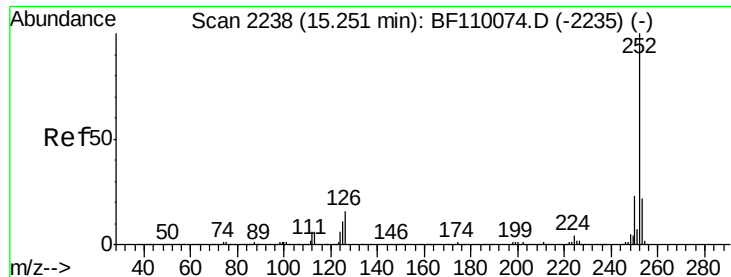
Tot Ion:264 Resp: 533979
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.5 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 1.103 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:252 Resp: 34003
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 11.2 8.2 12.4

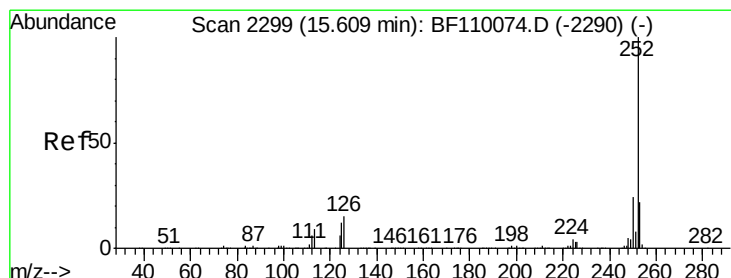
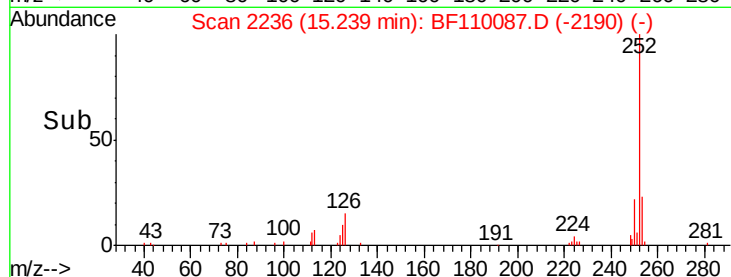
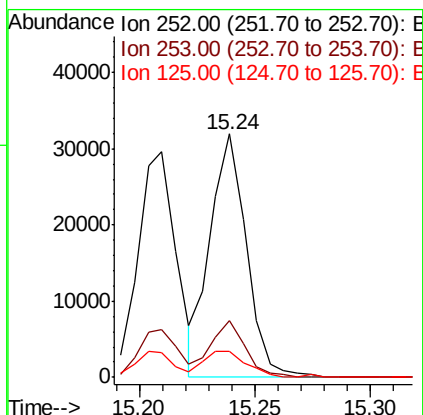
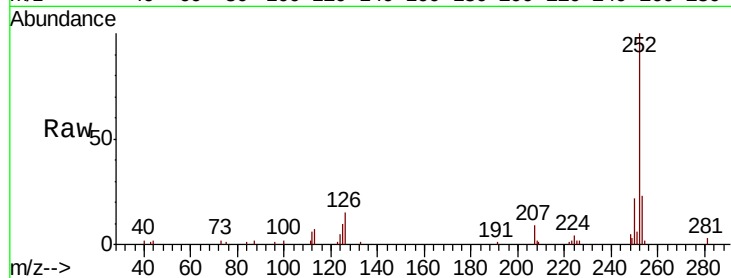




#89
Benzo(k)fluoranthene
Concen: 1.151 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

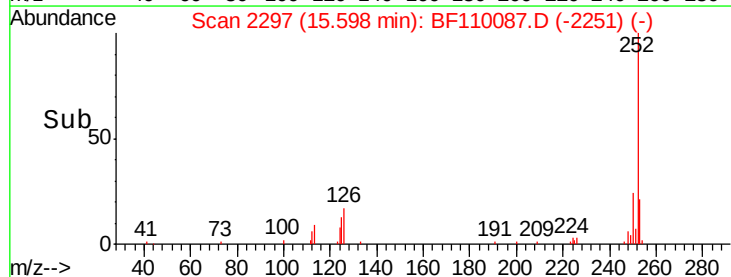
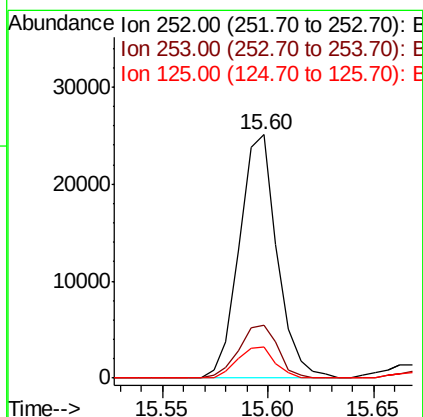
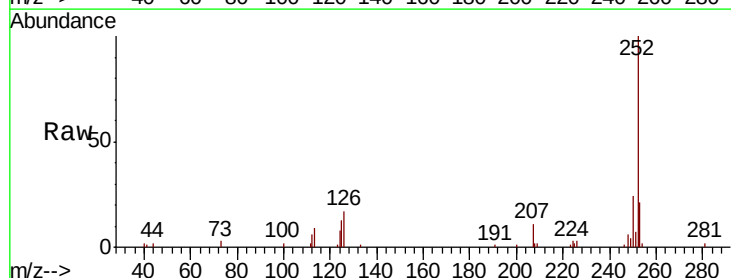
Instrument :
BNA_F
ClientSampleId :

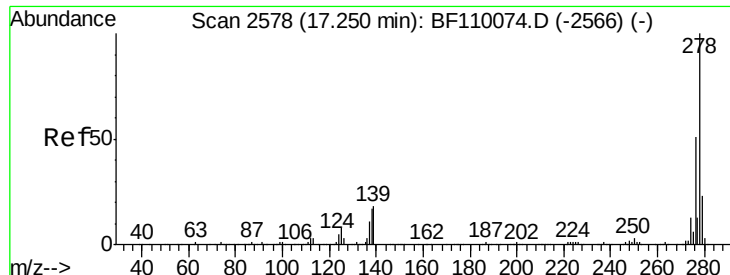
Tot Ion:252 Resp: 34889
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 10.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 1.098 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:252 Resp: 31167
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 13.0 9.0 13.6



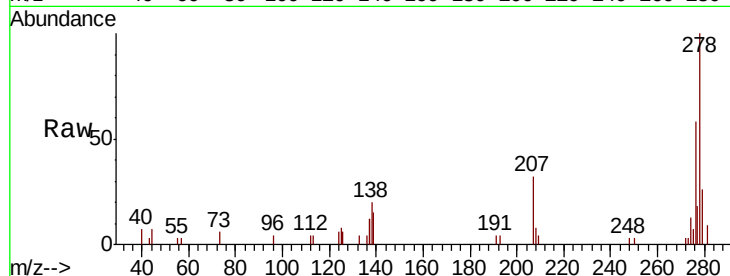


#91
Dibenzo(a,h)anthracene
Concen: 1.003 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

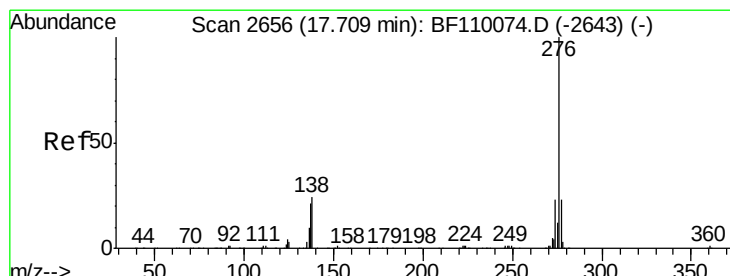
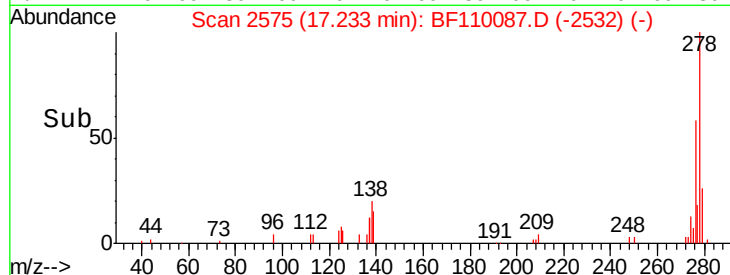
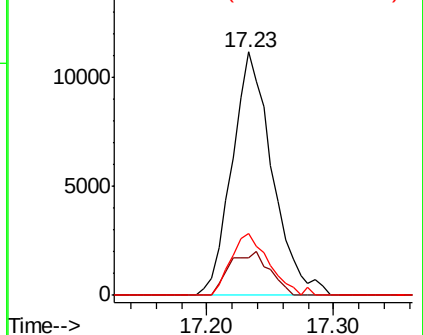
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 24549

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	25.5	19.0	28.4



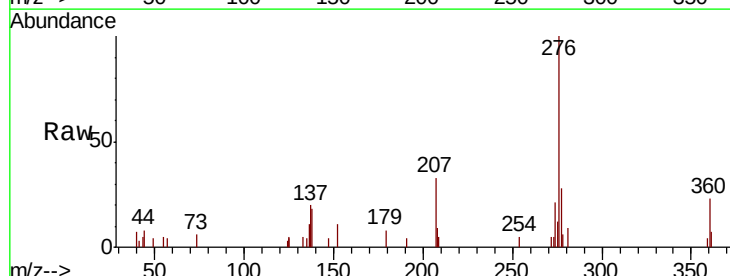
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 1.000 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110087.D
Acq: 23 Oct 2018 19:42

Tgt Ion:276 Resp: 24122

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.8	28.2
138	18.3	16.0	24.0



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

