

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103995.D
 Acq On : 28 Mar 2018 3:38
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 07:11:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132581	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	532792	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	234445	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	374450	20.00	ng	0.00
75) Chrysene-d12	14.17	240	250057	20.00	ng	0.00
86) Perylene-d12	15.72	264	226563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	667750	76.61	ng	0.00
7) Phenol-d6	6.60	99	790626	74.14	ng	0.00
23) Nitrobenzene-d5	7.54	82	697451	91.29	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	176145	87.38	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1218680	82.92	ng	0.00
78) Terphenyl-d14	13.09	244	924001	85.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	143765	33.495	ng	89
3) Pyridine	3.60	79	365258	30.939	ng	87
4) n-Nitrosodimethylamine	3.57	42	108712	24.975	ng	# 74
6) Aniline	6.64	93	524266	34.428	ng	97
8) 2-Chlorophenol	6.76	128	358723	39.285	ng	92
9) Benzaldehyde	6.53	77	220200	31.430	ng	98
10) Phenol	6.62	94	441214	38.935	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	323233	34.553	ng	92
12) 1,3-Dichlorobenzene	6.92	146	402342	38.687	ng	97
13) 1,4-Dichlorobenzene	6.99	146	418106	40.008	ng	99
14) 1,2-Dichlorobenzene	7.15	146	378455	39.026	ng	98
15) Benzyl Alcohol	7.12	79	279427	33.817	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	423833	31.854	ng	76
17) 2-Methylphenol	7.22	107	300764	36.987	ng	98
18) Hexachloroethane	7.48	117	110357	30.021	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	233313	34.138	ng	92
20) 3+4-Methylphenols	7.37	107	373081	36.152	ng	# 86
22) Acetophenone	7.39	105	505939	36.949	ng	95
24) Nitrobenzene	7.56	77	356103	39.701	ng	97
25) Isophorone	7.79	82	639762	36.173	ng	98
26) 2-Nitrophenol	7.87	139	147827	44.239	ng	97
27) 2,4-Dimethylphenol	7.90	122	273720	36.126	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	404918	37.808	ng	99
29) 2,4-Dichlorophenol	8.12	162	285808	41.461	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	318678	39.859	ng	100
31) Naphthalene	8.28	128	1012068	37.604	ng	100
32) Benzoic acid	8.02	122	179622	36.570	ng	97
33) 4-Chloroaniline	8.33	127	447788	39.658	ng	98
34) Hexachlorobutadiene	8.39	225	175439	40.022	ng	99
35) Caprolactam	8.71	113	92069	38.788	ng	# 73
36) 4-Chloro-3-methylphenol	8.80	107	297846	39.194	ng	99
37) 2-Methylnaphthalene	8.97	142	658967	38.609	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	292921	43.795	ng	98
40) Hexachlorocyclopentadiene	9.11	237	15189	4.401	ng	99

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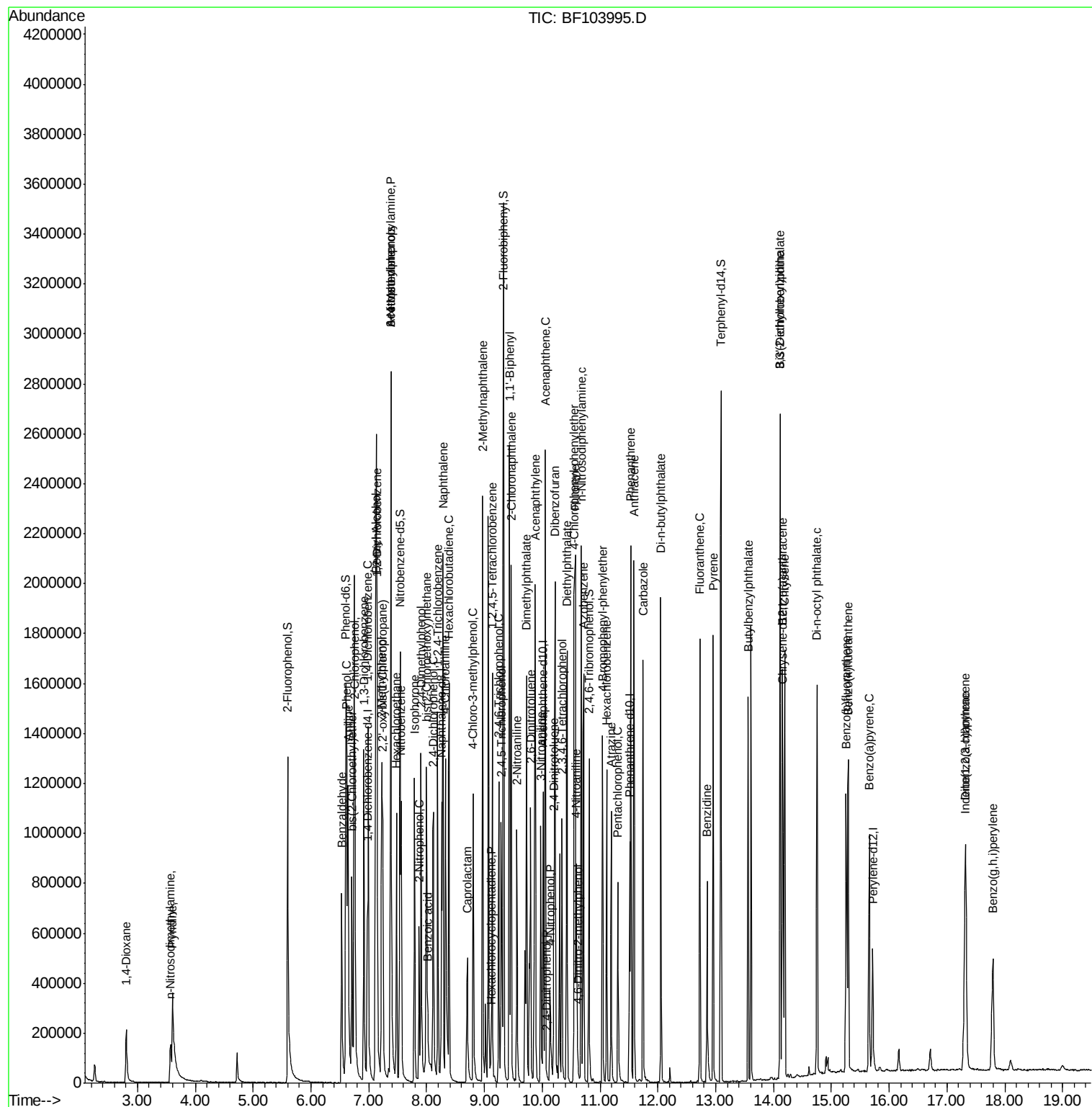
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	185600	43.384	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	209844	43.458	ng	94
45) 1,1'-Biphenyl	9.43	154	805957	41.227	ng	99
46) 2-Chloronaphthalene	9.46	162	633495	40.799	ng	98
47) 2-Nitroaniline	9.56	65	193389	47.666	ng	91
48) Acenaphthylene	9.88	152	950754	39.487	ng	100
49) Dimethylphthalate	9.73	163	764119	42.719	ng	99
50) 2,6-Dinitrotoluene	9.80	165	147372	43.040	ng	92
51) Acenaphthene	10.05	154	546713	38.240	ng	99
52) 3-Nitroaniline	9.97	138	200753	48.377	ng	98
53) 2,4-Dinitrophenol	10.09	184	3574	13.468	ng	# 76
54) Dibenzofuran	10.22	168	793396	38.856	ng	99
55) 4-Nitrophenol	10.13	139	97212	32.811	ng	90
56) 2,4-Dinitrotoluene	10.20	165	177500	41.463	ng	# 91
57) Fluorene	10.57	166	629031	39.700	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	139116	40.660	ng	# 92
59) Diethylphthalate	10.43	149	715314	40.292	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	296203	40.906	ng	97
61) 4-Nitroaniline	10.59	138	196014	49.025	ng	94
62) Azobenzene	10.72	77	611718	33.891	ng	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	9703	15.482	ng	87
65) n-Nitrosodiphenylamine	10.67	169	568562	44.608	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	180207	46.873	ng	# 90
67) Hexachlorobenzene	11.12	284	188949	43.060	ng	# 89
68) Atrazine	11.19	200	143739	36.457	ng	99
69) Pentachlorophenol	11.31	266	103119	40.876	ng	97
70) Phenanthrene	11.53	178	808927	39.492	ng	99
71) Anthracene	11.59	178	826086	39.708	ng	100
72) Carbazole	11.75	167	776147	38.384	ng	99
73) Di-n-butylphthalate	12.05	149	1037570	42.765	ng	100
74) Fluoranthene	12.73	202	739794	35.057	ng	98
76) Benzidine	12.85	184	382276	35.844	ng	98
77) Pyrene	12.96	202	740270	40.311	ng	99
79) Butylbenzylphthalate	13.56	149	376634	46.291	ng	93
80) Benzo(a)anthracene	14.16	228	629189	39.750	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	227999	43.063	ng	97
82) Chrysene	14.19	228	605211	40.110	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	503409	43.310	ng	100
84) Di-n-octyl phthalate	14.75	149	785171	46.433	ng	96
85) Indeno(1,2,3-cd)pyrene	17.31	276	515673	39.135	ng	97
87) Benzo(b)fluoranthene	15.26	252	582682	40.708	ng	97
88) Benzo(k)fluoranthene	15.29	252	546074	39.688	ng	98
89) Benzo(a)pyrene	15.66	252	518447	39.934	ng	99
90) Dibenzo(a,h)anthracene	17.33	278	437685	38.934	ng	97
91) Benzo(g,h,i)perylene	17.80	276	409224	37.419	ng	95

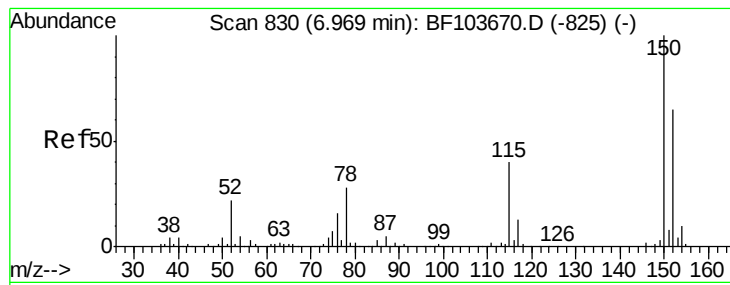
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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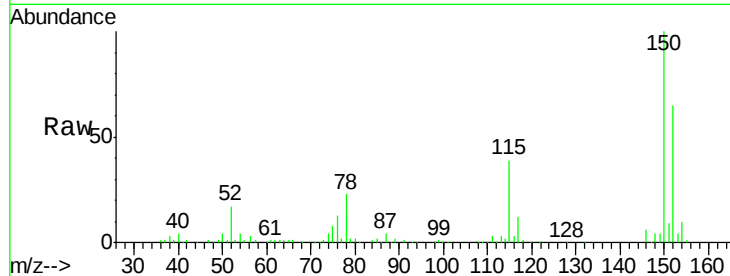


#1

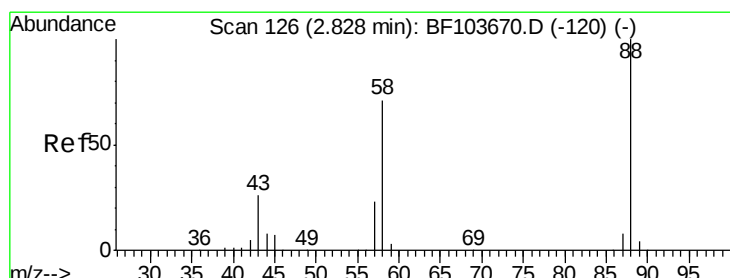
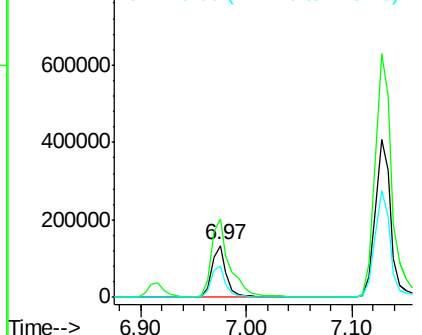
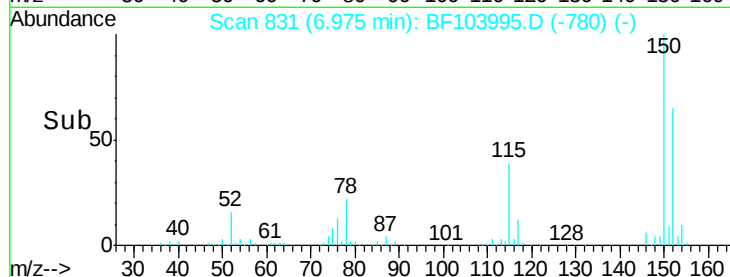
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132581
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 59.4 50.1 75.1



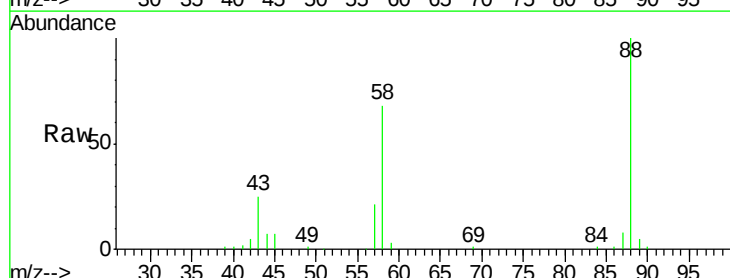
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



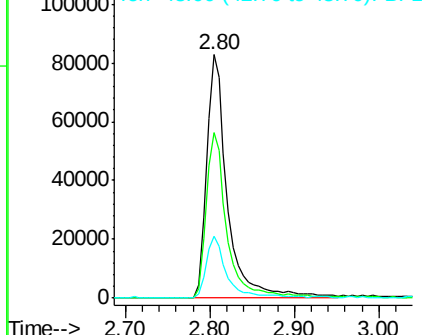
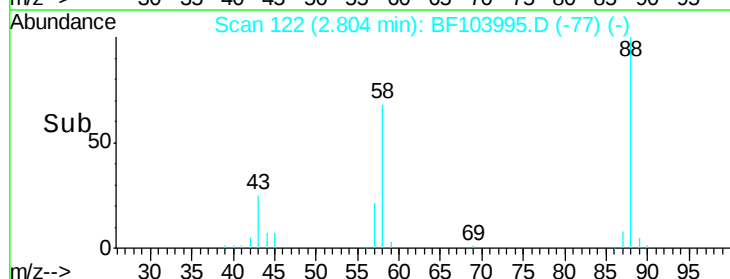
#2

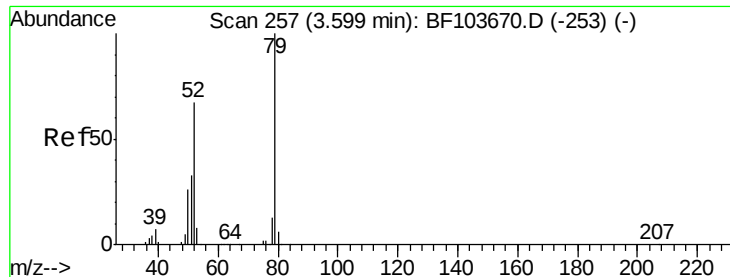
1,4-Dioxane
Concen: 33.495 ng
RT: 2.80 min Scan# 122
Delta R.T. -0.04 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion: 88 Resp: 143765
Ion Ratio Lower Upper
88 100
58 68.1 62.6 93.8
43 24.9 24.6 37.0



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: 30.939 ng

RT: 3.60 min Scan# 258

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

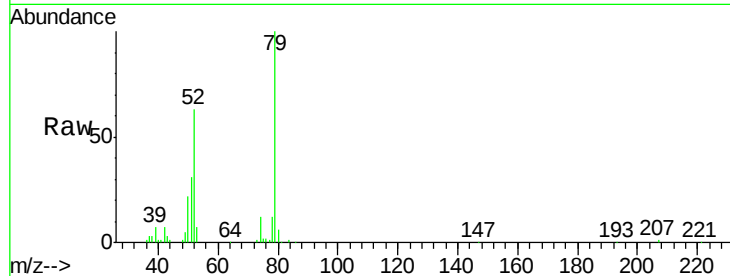
Tot Ion: 79 Resp: 365258

Ion Ratio Lower Upper

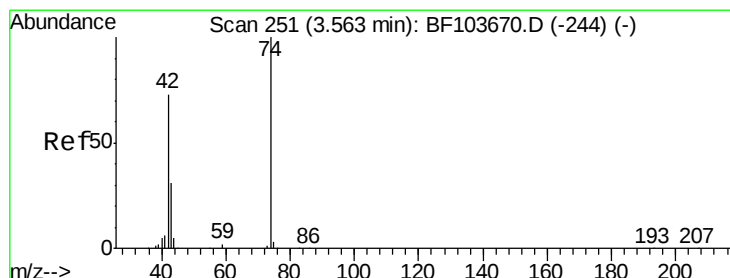
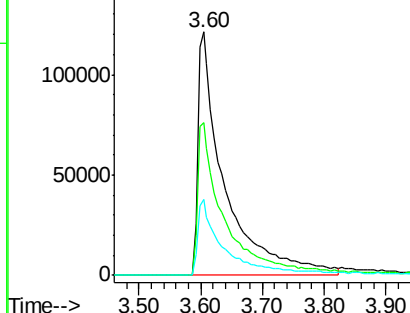
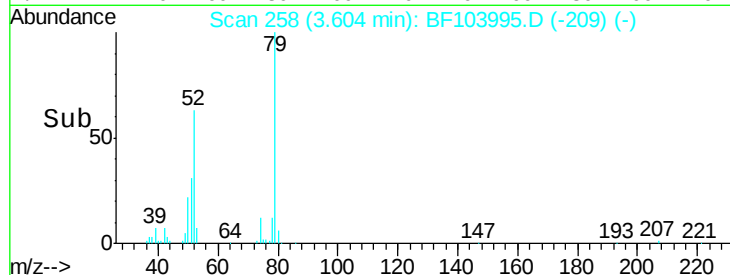
79 100

52 62.9 59.8 89.6

51 31.1 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 24.975 ng

RT: 3.57 min Scan# 252

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

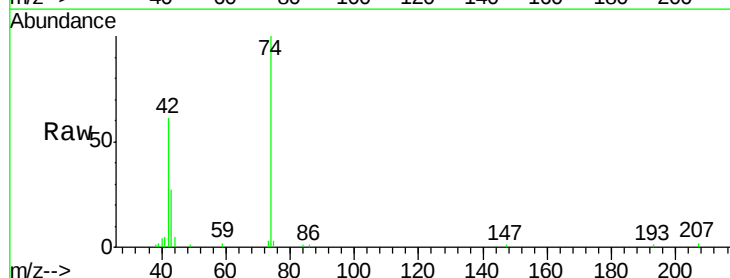
Tgt Ion: 42 Resp: 108712

Ion Ratio Lower Upper

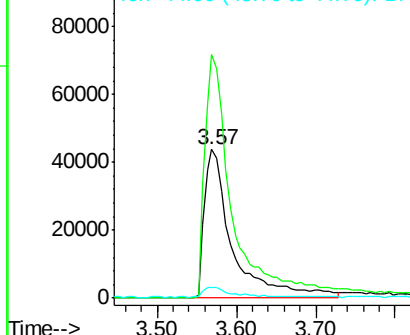
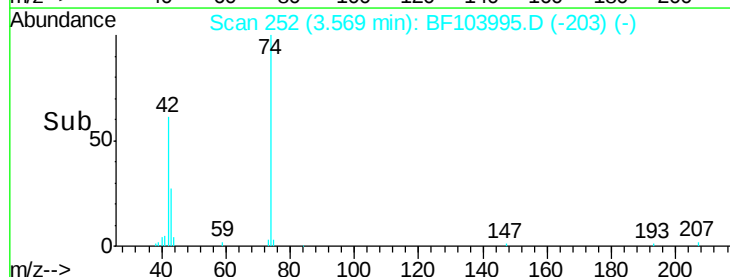
42 100

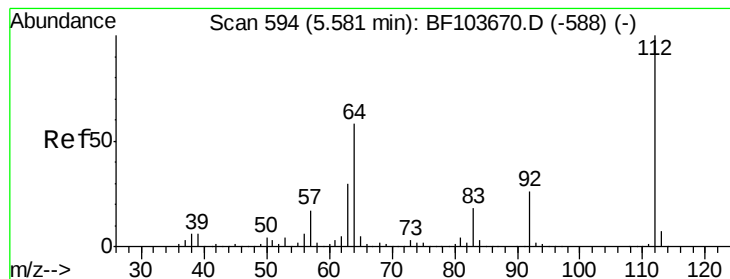
74 163.8 104.9 157.3#

44 7.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 76.606 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

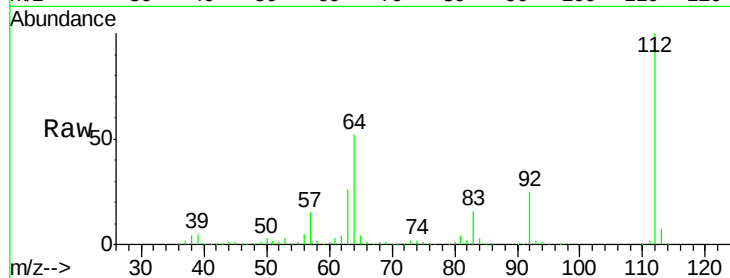
Tot Ion:112 Resp: 667750

Ion Ratio Lower Upper

112 100

64 52.5 47.9 71.9

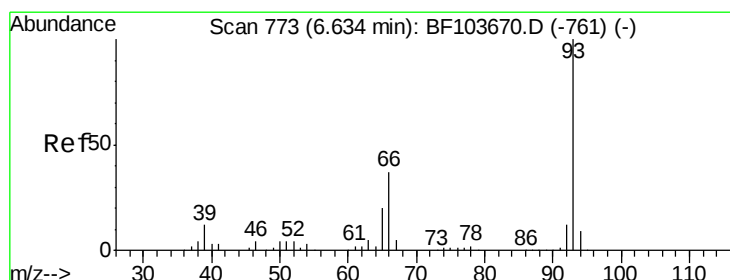
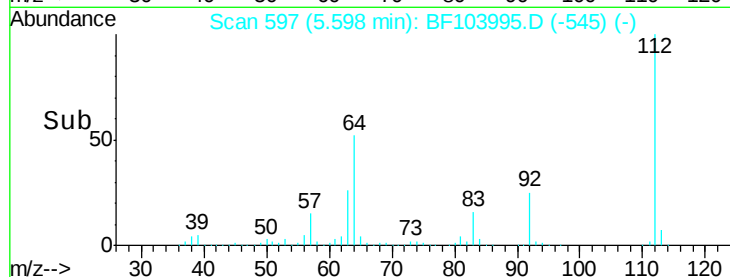
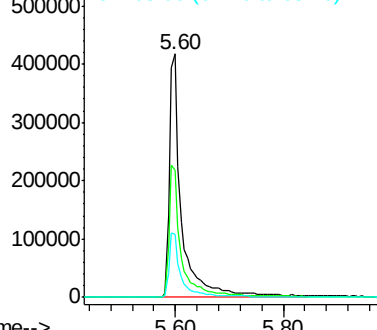
63 25.8 23.7 35.5



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: 34.428 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

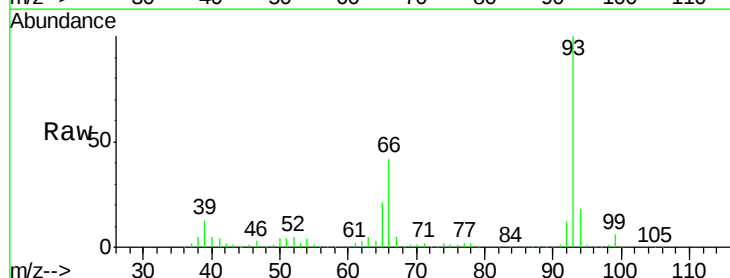
Tgt Ion: 93 Resp: 524266

Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

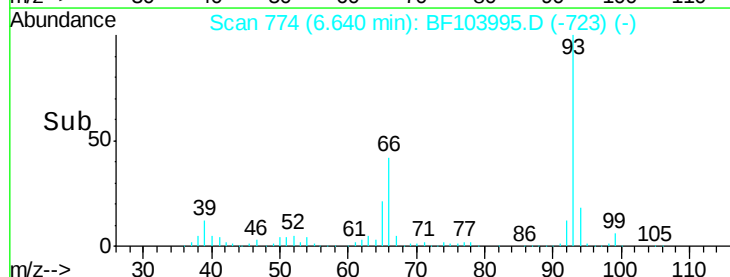
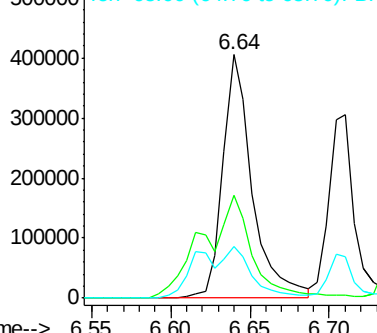
65 21.3 16.4 24.6

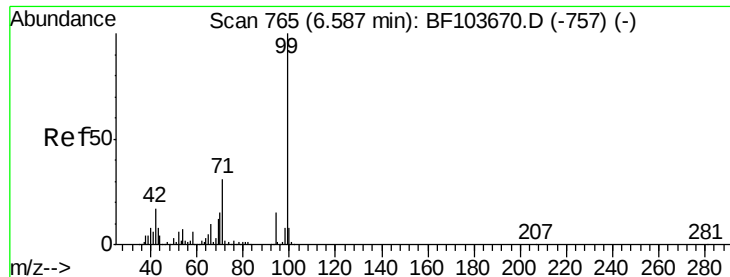


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.138 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103995.D

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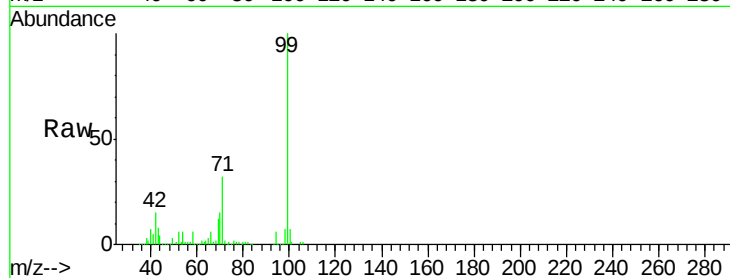
Tot Ion: 99 Resp: 790626

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

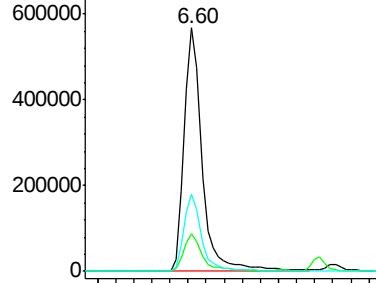
71 32.0 25.4 38.0



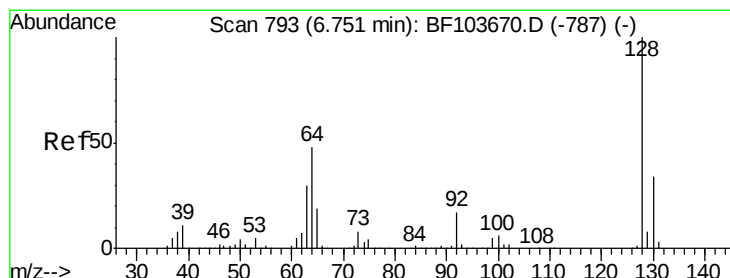
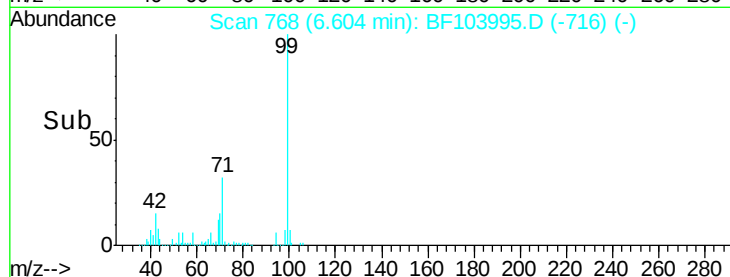
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 39.285 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

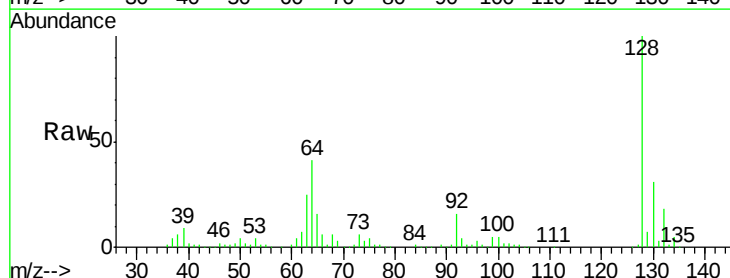
Tgt Ion: 128 Resp: 358723

Ion Ratio Lower Upper

128 100

130 31.5 13.0 53.0

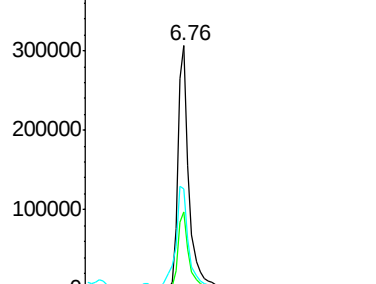
64 41.0 29.4 69.4



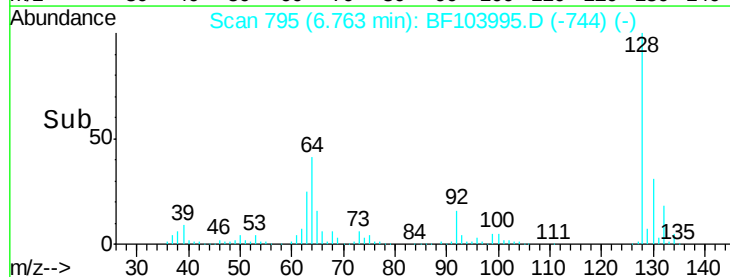
Abundance Ion 128.00 (127.70 to 128.70): E

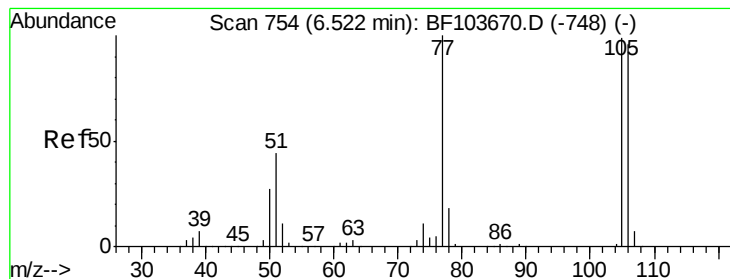
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 31.430 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

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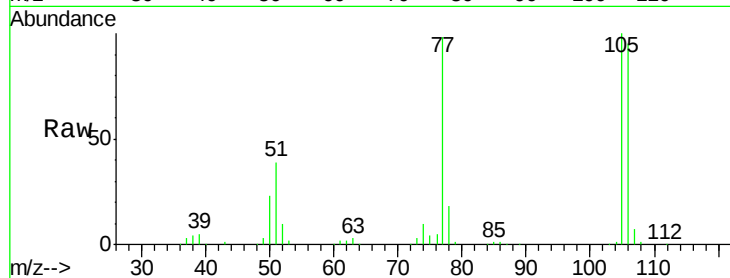
Tot Ion: 77 Resp: 220200

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

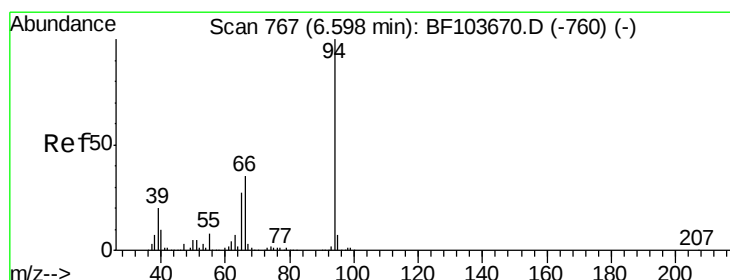
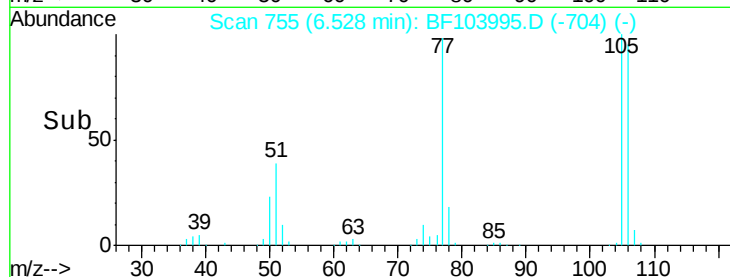
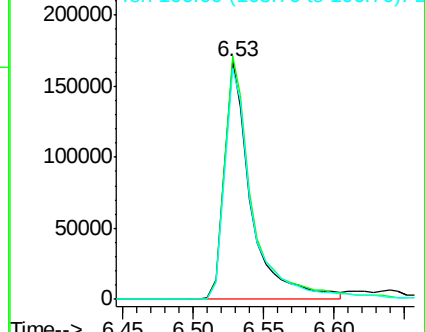
106 97.1 74.5 114.5



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: 38.935 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

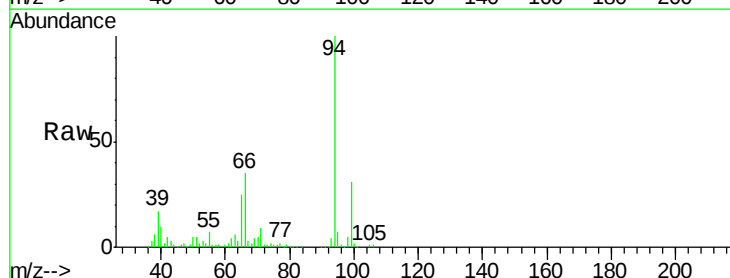
Tgt Ion: 94 Resp: 441214

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

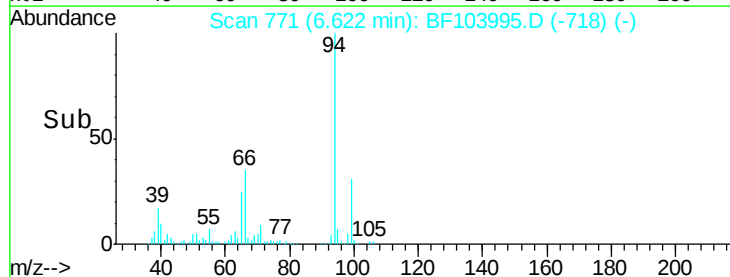
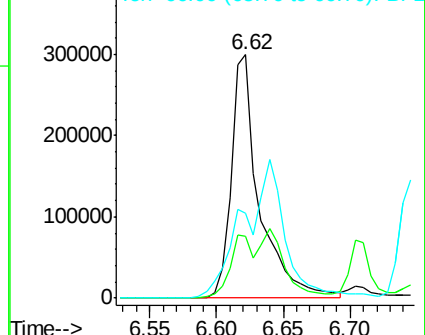
66 35.0 16.2 56.2

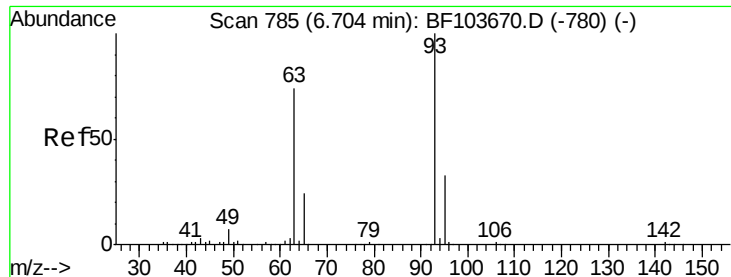


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

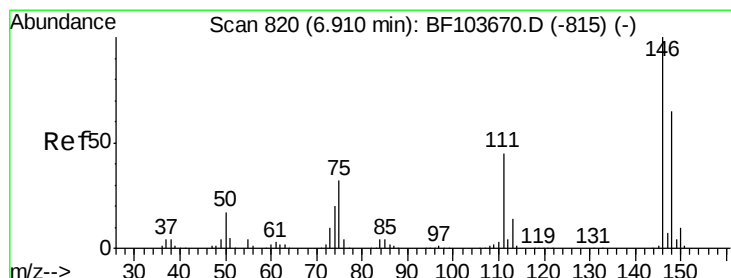
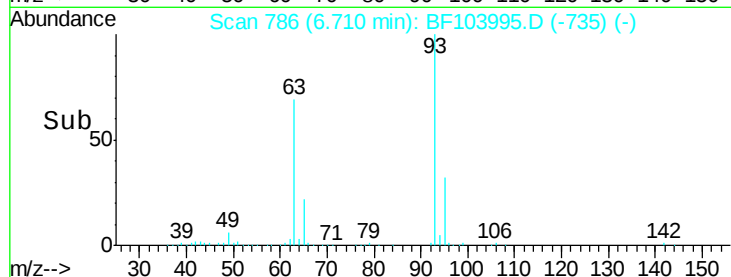
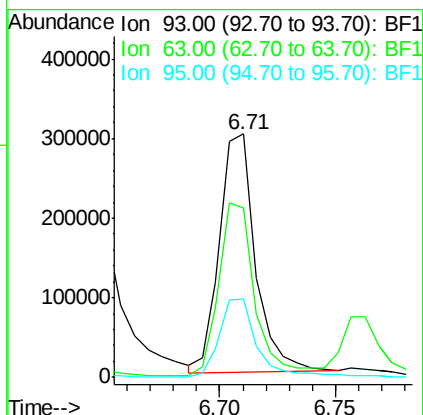
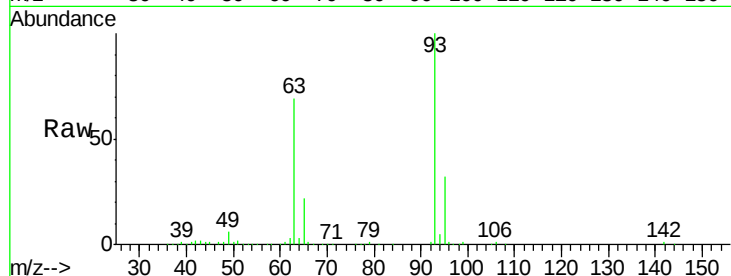




#11
 bis(2-Chloroethyl)ether
 Concen: 34.553 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

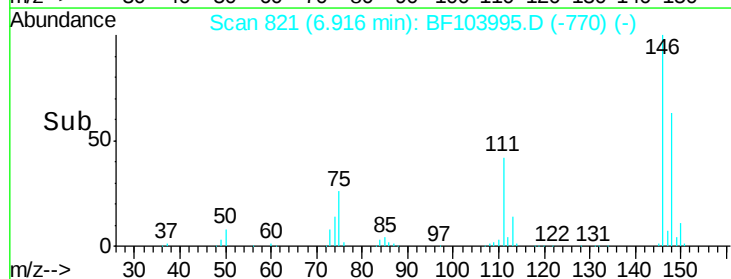
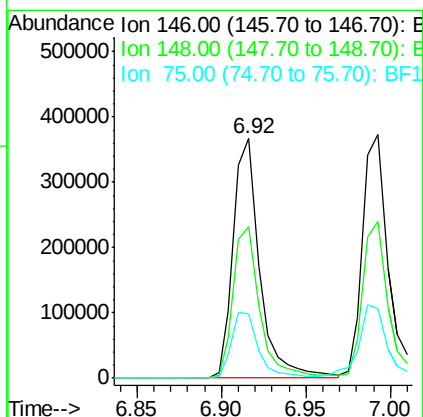
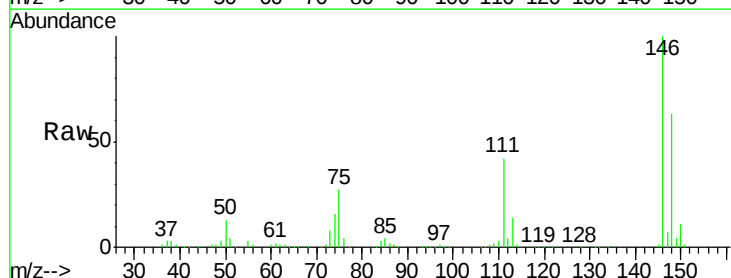
Instrument :
 BNA_F
 ClientSampleId :

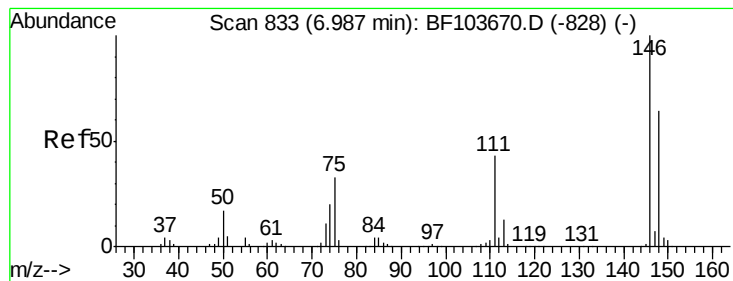
Tot Ion: 93 Resp: 323233
 Ion Ratio Lower Upper
 93 100
 63 69.4 58.6 98.6
 95 32.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.687 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion: 146 Resp: 402342
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 26.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.008 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampled :

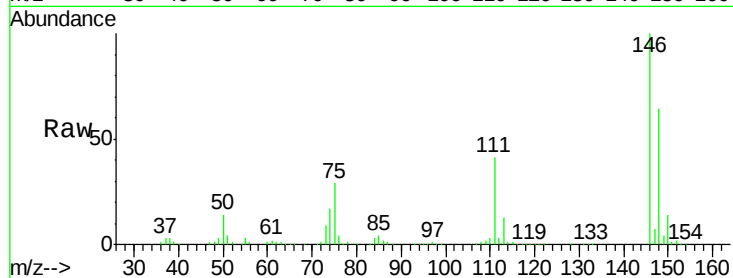
Tot Ion:146 Resp: 418106

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

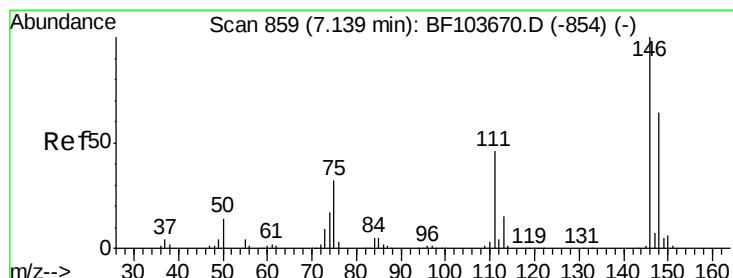
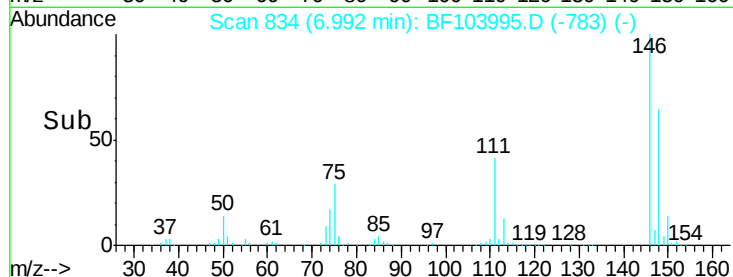
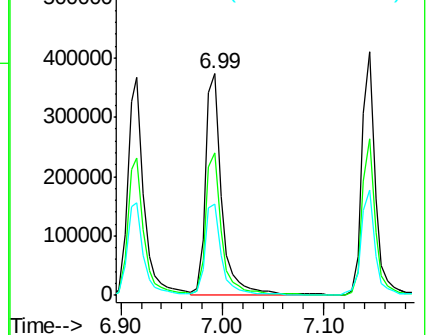
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.026 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

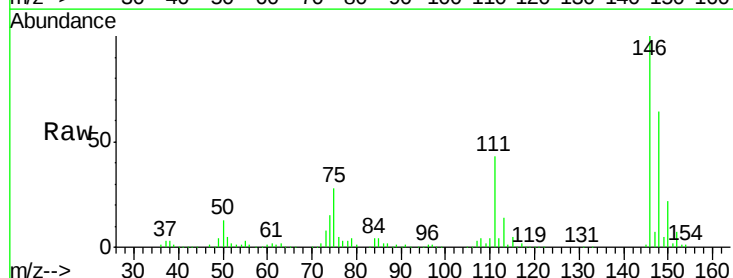
Tgt Ion:146 Resp: 378455

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

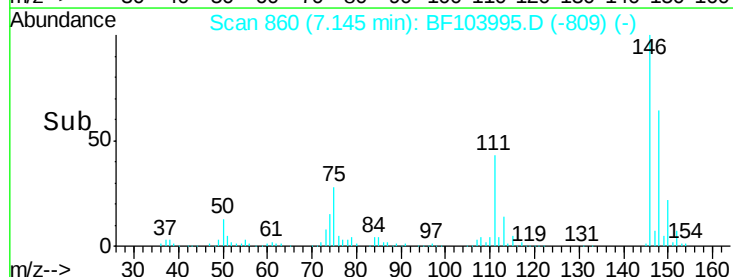
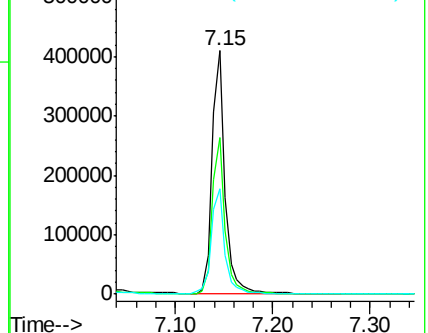
111 43.2 36.0 54.0

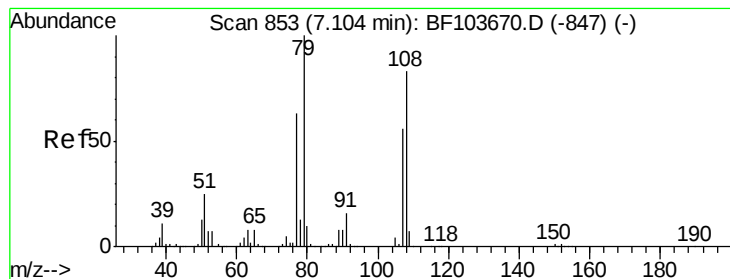


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.817 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

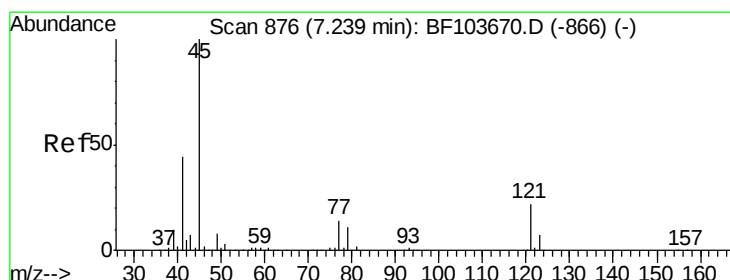
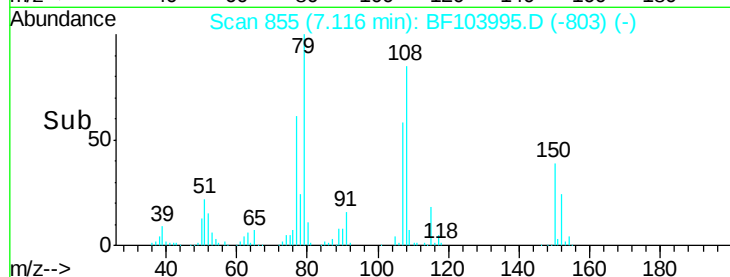
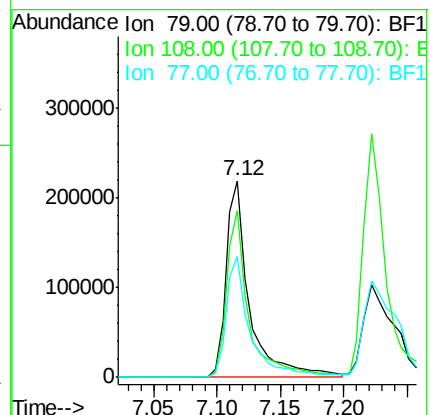
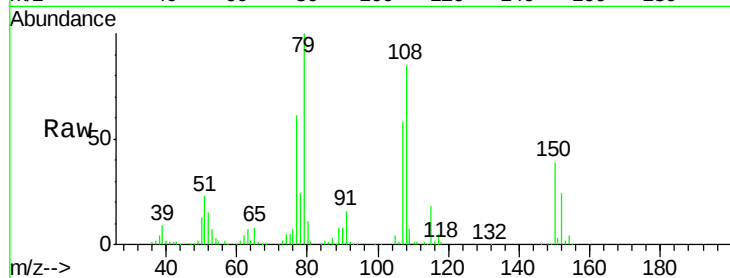
Tot Ion: 79 Resp: 279427

Ion Ratio Lower Upper

79 100

108 84.9 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.854 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

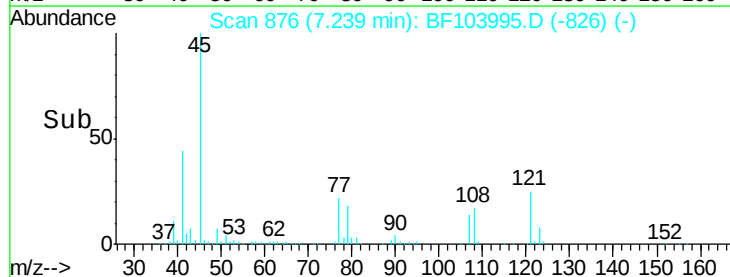
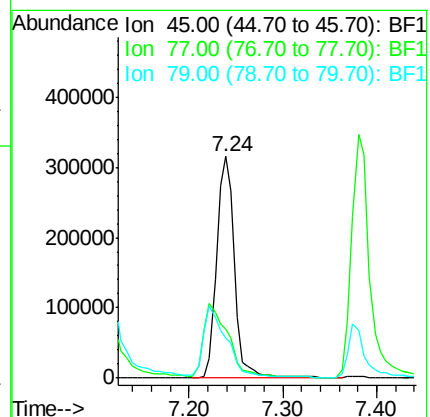
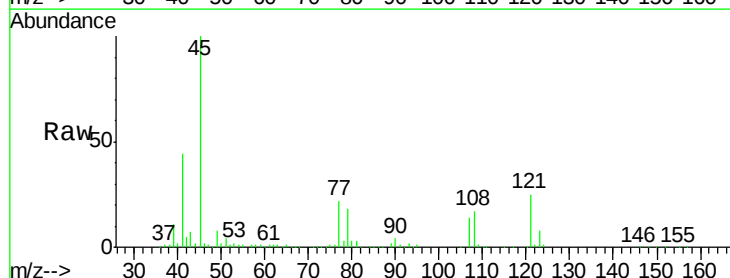
Tgt Ion: 45 Resp: 423833

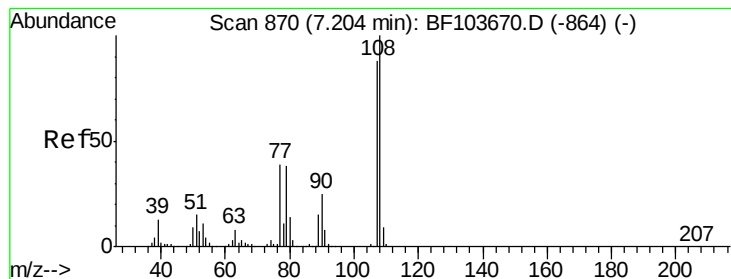
Ion Ratio Lower Upper

45 100

77 22.2 0.0 32.9

79 18.2 0.0 29.6





#17

2-Methylphenol

Concen: 36.987 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 300764

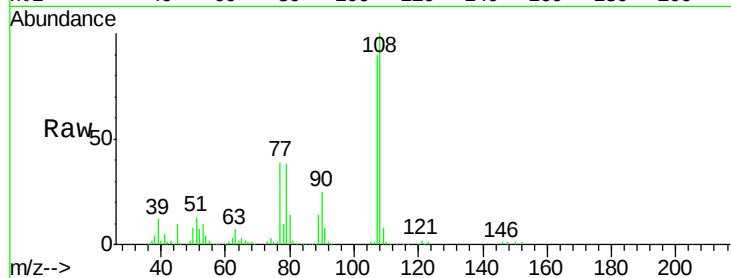
Ion Ratio Lower Upper

107 100

108 111.6 91.7 137.5

77 44.0 33.8 50.8

79 42.5 33.8 50.8

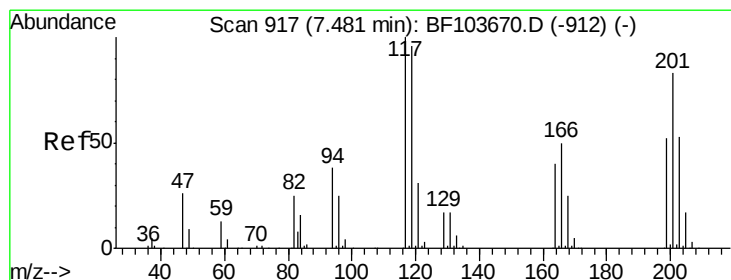
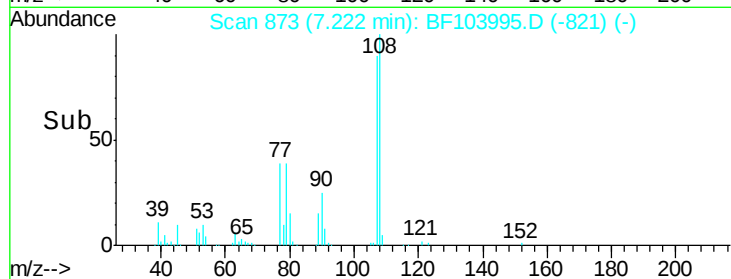
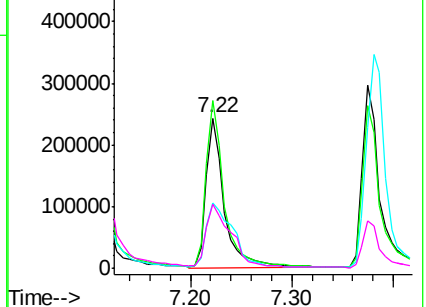


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.021 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

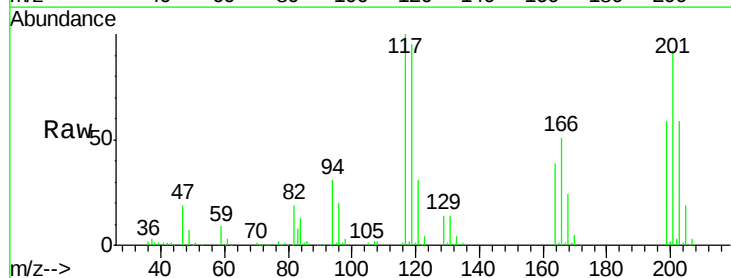
Tgt Ion:117 Resp: 110357

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

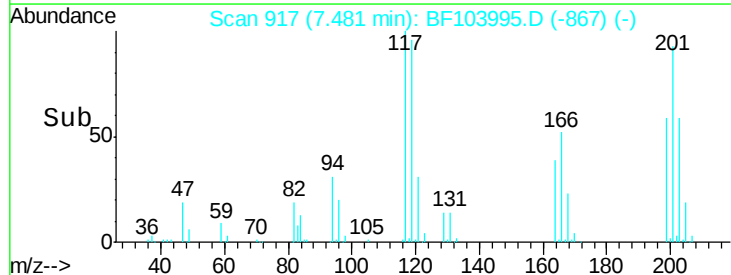
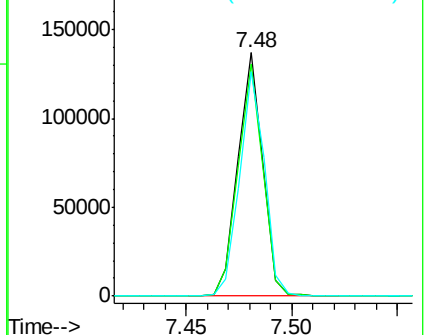
201 92.2 75.7 113.5

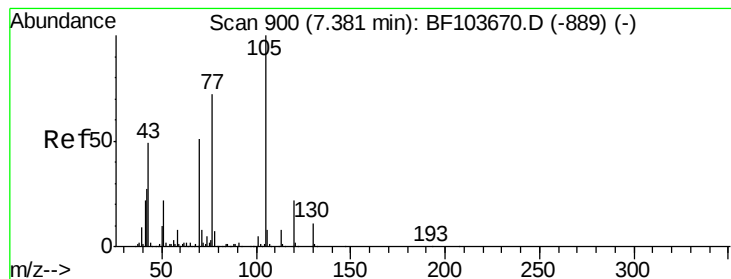


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.138 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 233313

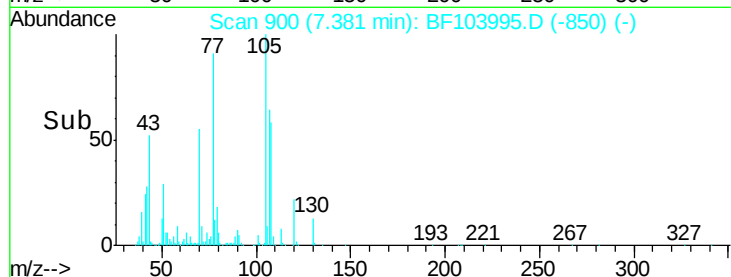
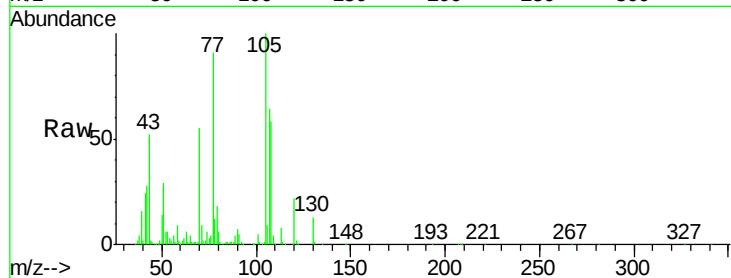
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	9.5	7.4	11.2
130	23.1	16.6	25.0

70 100

42 51.8 47.5 71.3

101 9.5 7.4 11.2

130 23.1 16.6 25.0



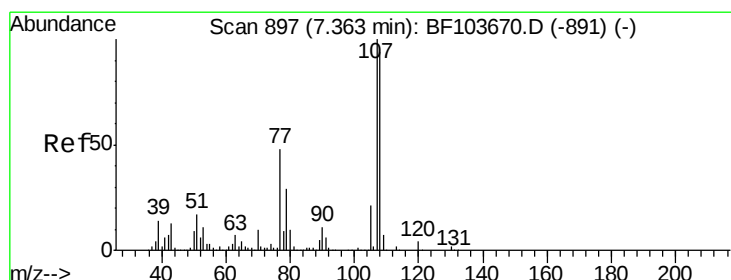
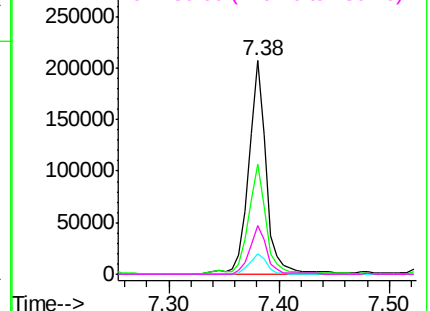
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 36.152 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Tgt Ion:107 Resp: 373081

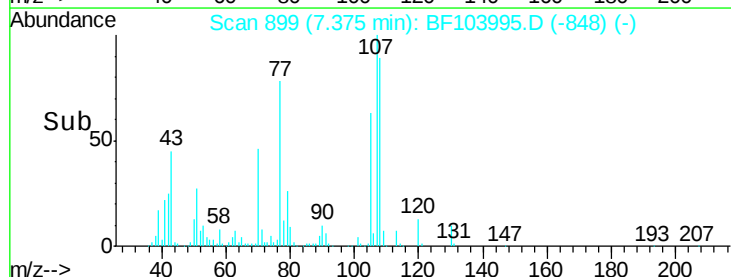
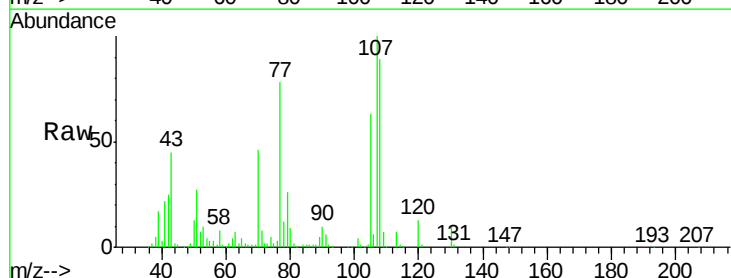
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	77.5	26.7	66.7#
79	26.3	6.3	46.3

107 100

108 88.8 68.2 108.2

77 77.5 26.7 66.7#

79 26.3 6.3 46.3



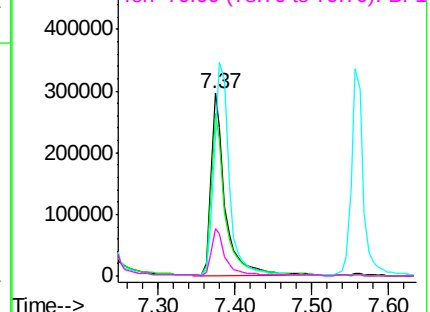
Abundance

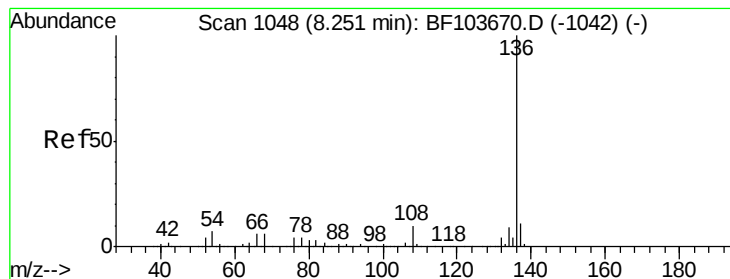
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 532792

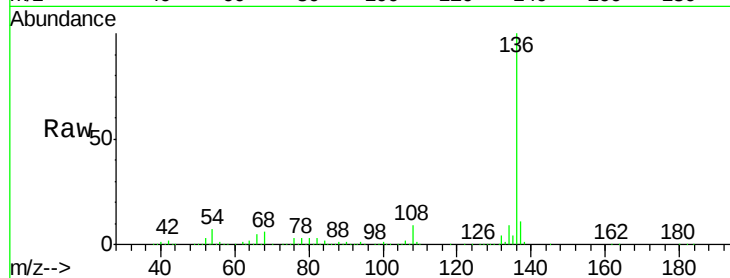
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

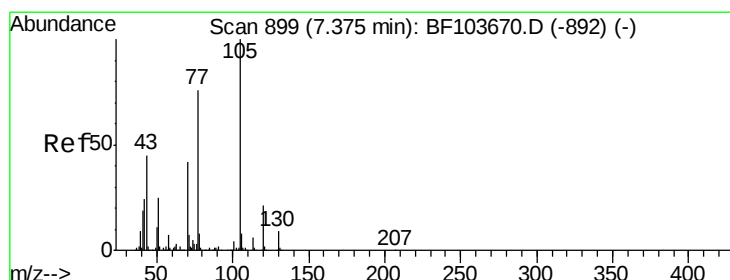
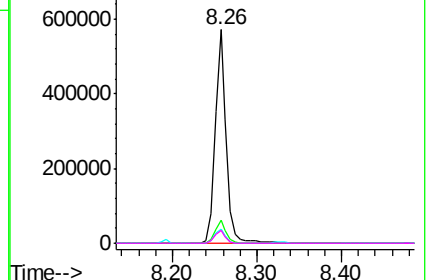
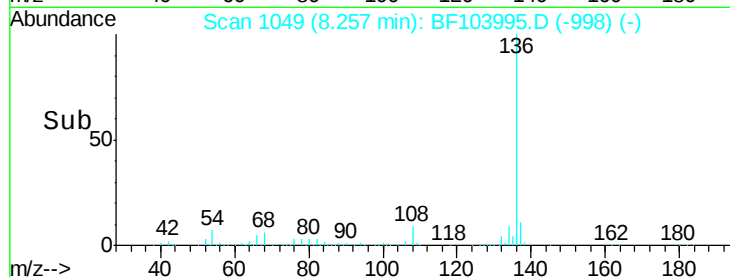


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.949 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Tgt Ion:105 Resp: 505939

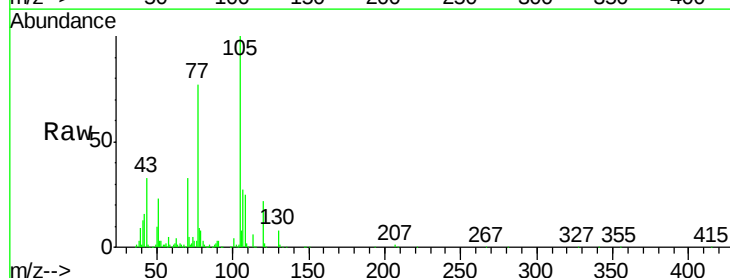
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 23.3 22.3 33.5

120 21.9 16.9 25.3

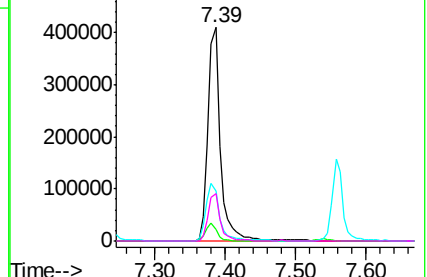
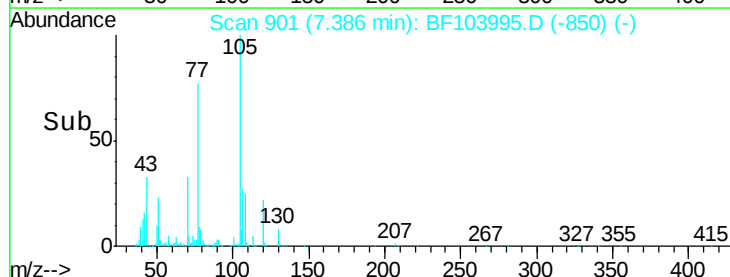


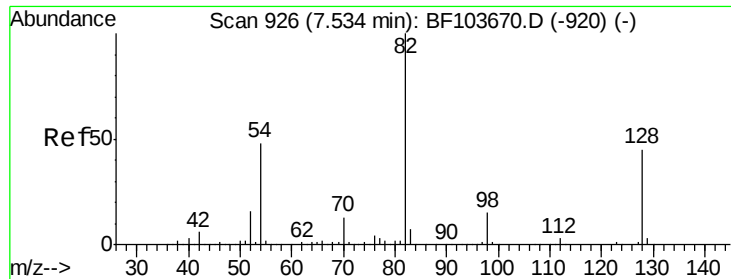
Abundance Ion 105.00 (104.70 to 105.70): E

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

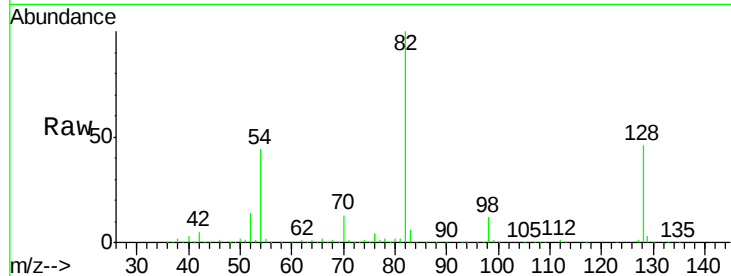




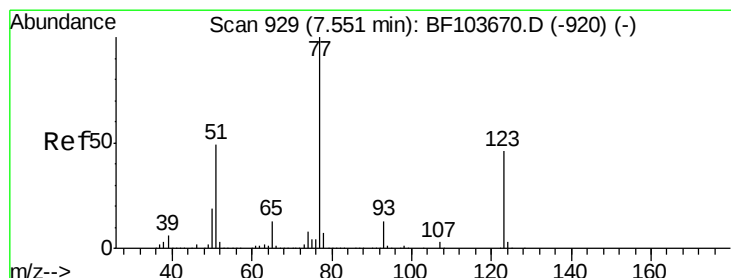
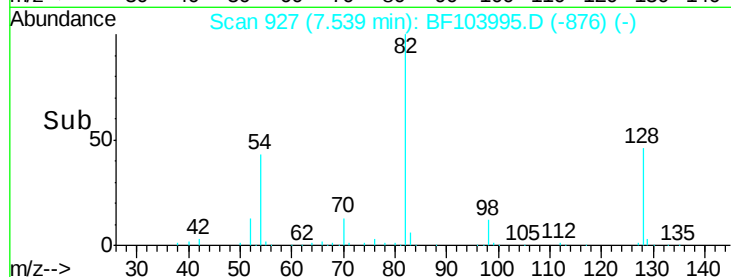
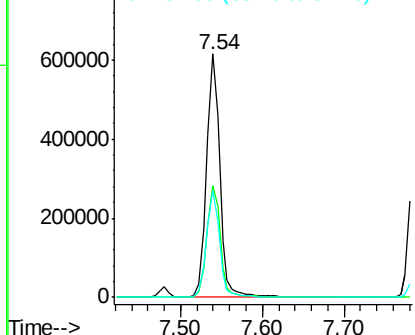
#23
Nitrobenzene-d5
Concen: 91.288 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 697451
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 43.6 41.4 62.2

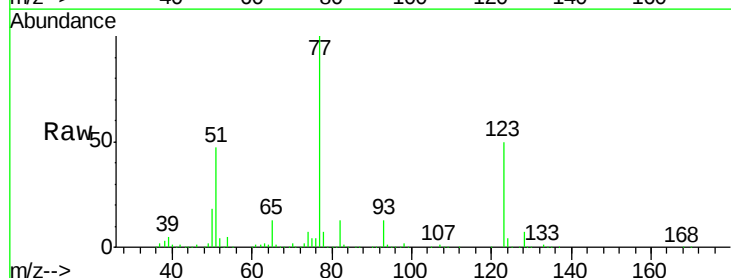


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

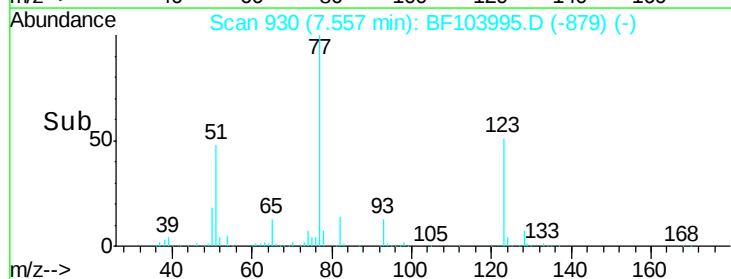
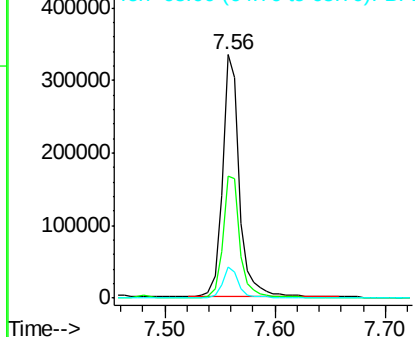


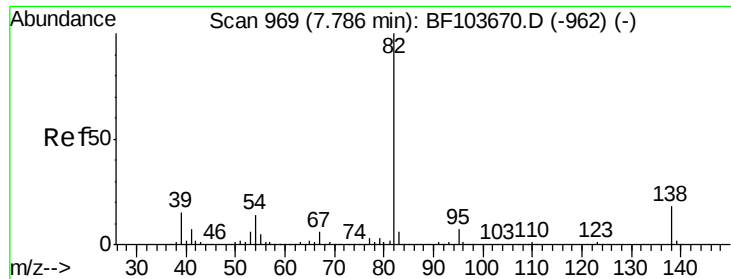
#24
Nitrobenzene
Concen: 39.701 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion: 77 Resp: 356103
Ion Ratio Lower Upper
77 100
123 50.0 37.9 56.9
65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 36.173 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

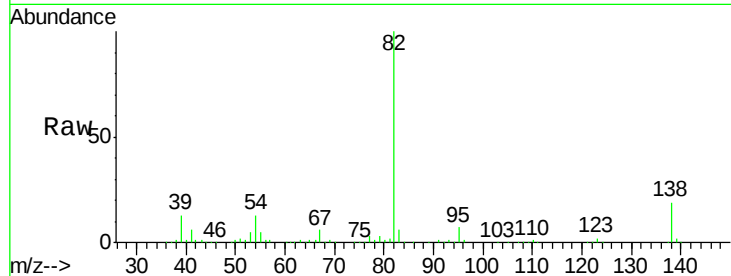
Tot Ion: 82 Resp: 639762

Ion Ratio Lower Upper

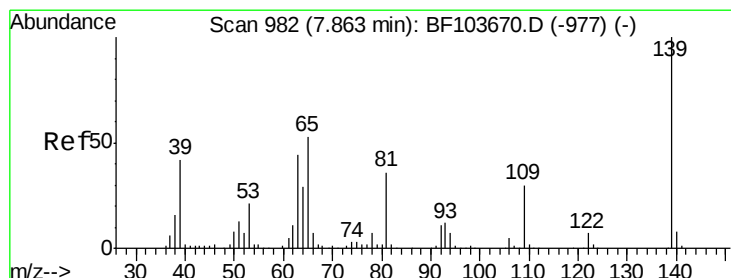
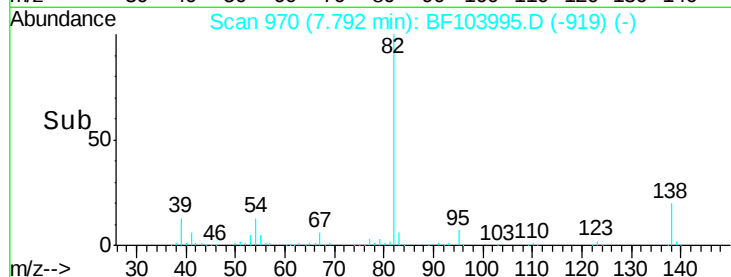
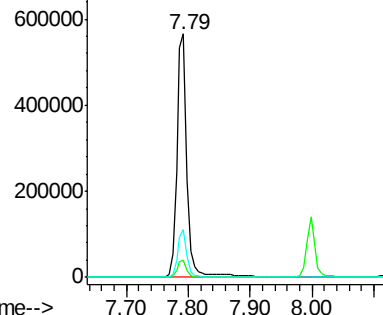
82 100

95 6.9 5.2 7.8

138 19.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.239 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

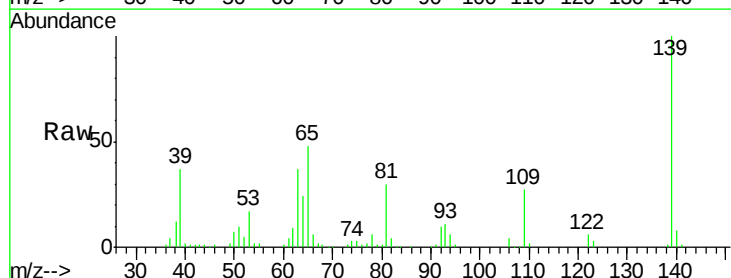
Tgt Ion: 139 Resp: 147827

Ion Ratio Lower Upper

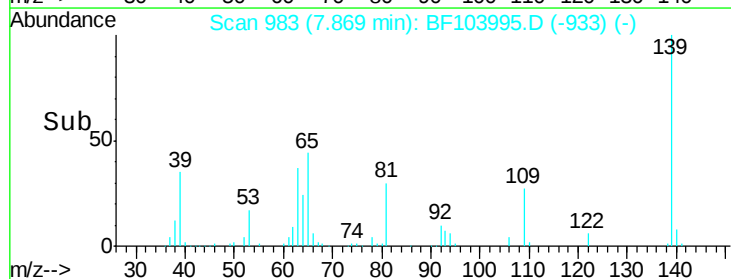
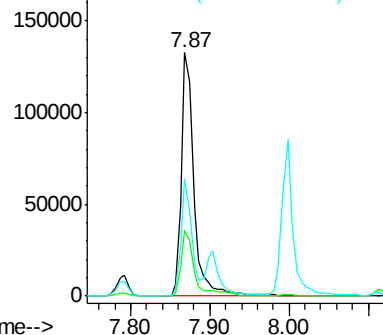
139 100

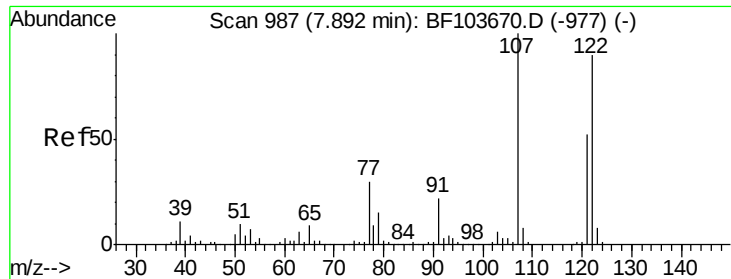
109 26.7 22.7 34.1

65 48.0 40.5 60.7



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

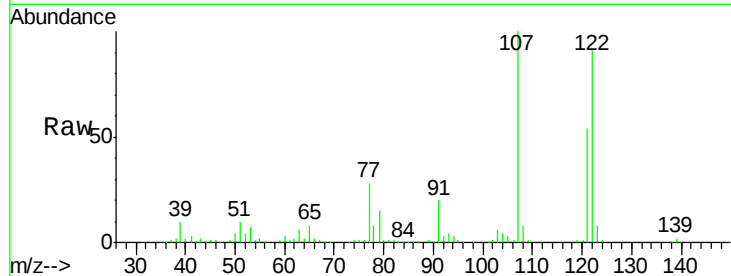




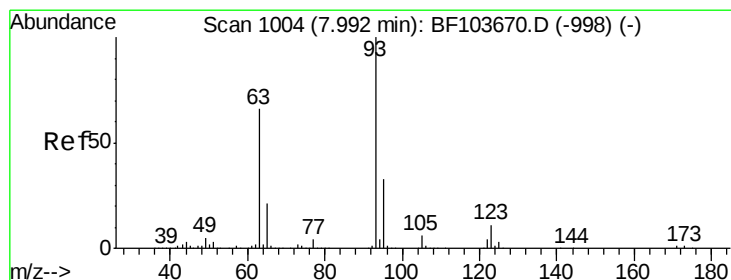
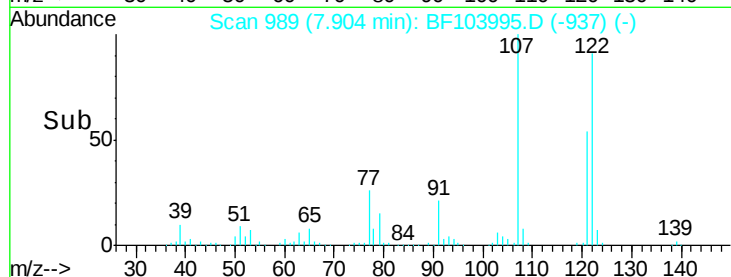
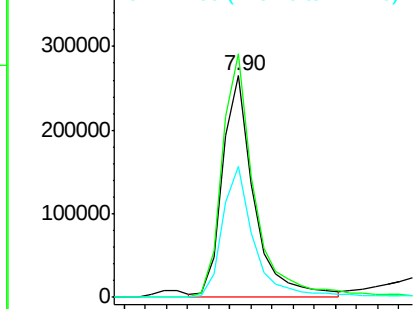
#27
 2,4-Dimethylphenol
 Concen: 36.126 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 273720
 Ion Ratio Lower Upper
 122 100
 107 109.9 91.2 136.8
 121 59.1 47.2 70.8

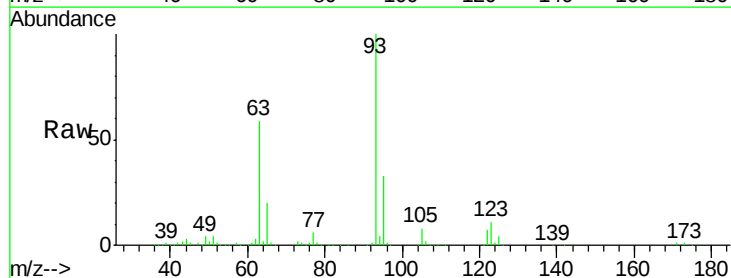


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

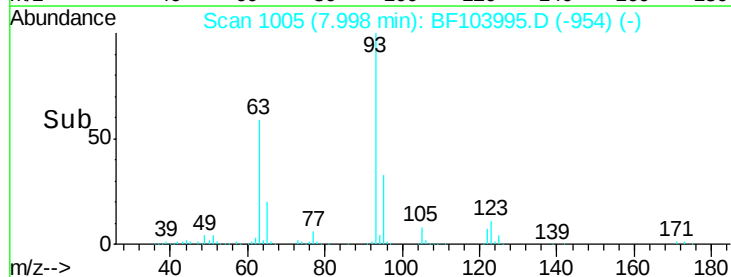
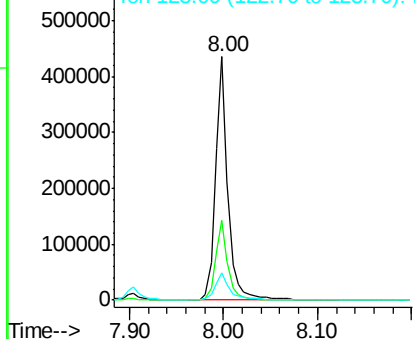


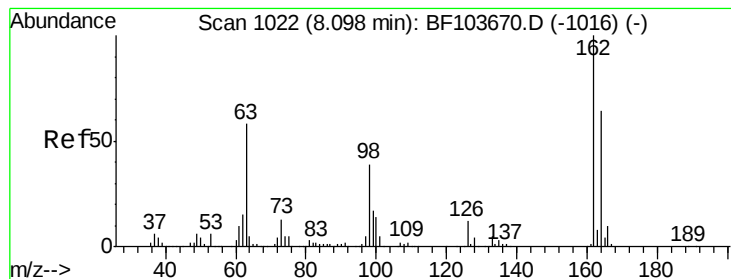
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.808 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion: 93 Resp: 404918
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.4 9.8 14.6



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: 41.461 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

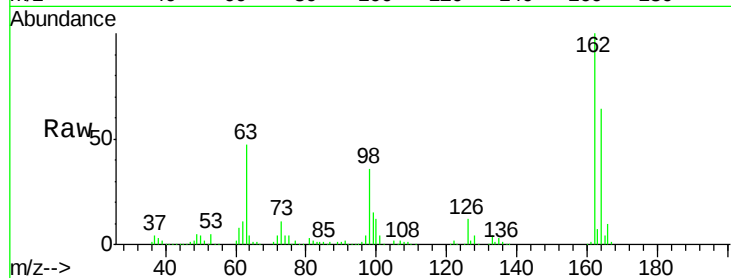
Tot Ion:162 Resp: 285808

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

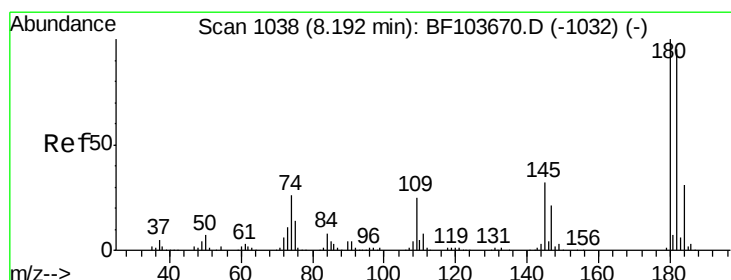
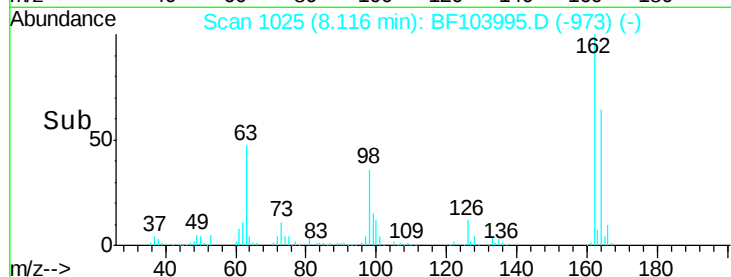
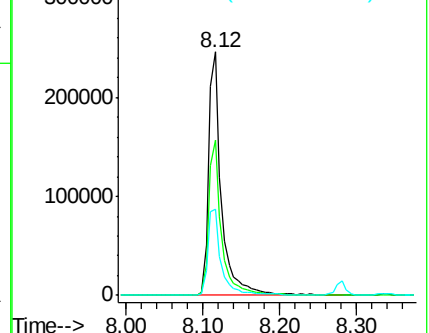
98 35.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.859 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

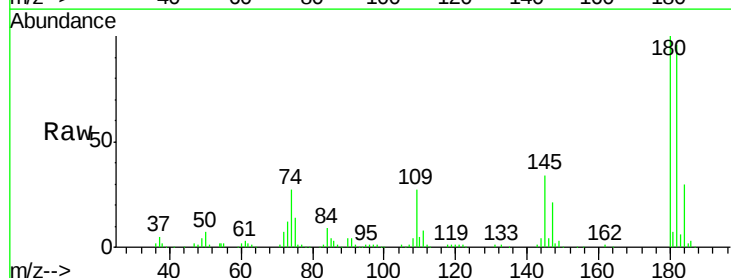
Tgt Ion:180 Resp: 318678

Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

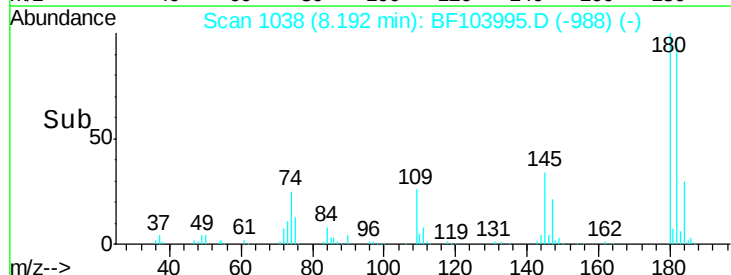
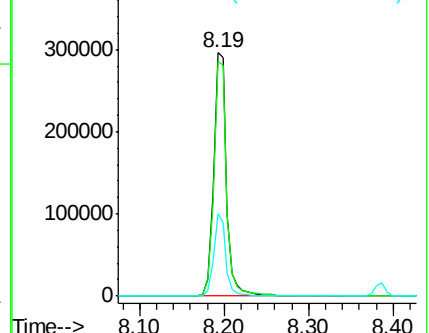
145 33.6 26.5 39.7

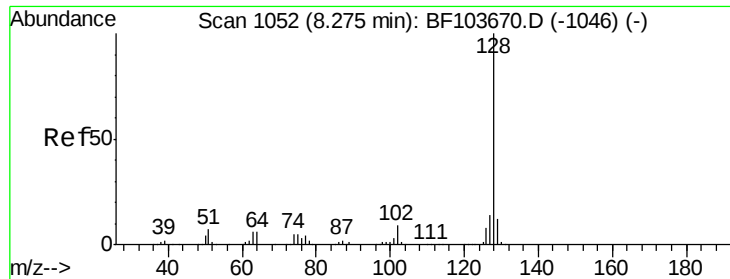


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

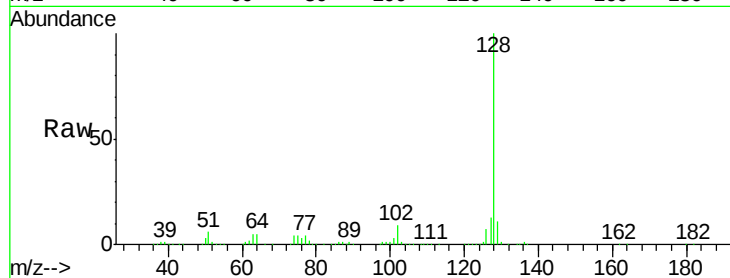




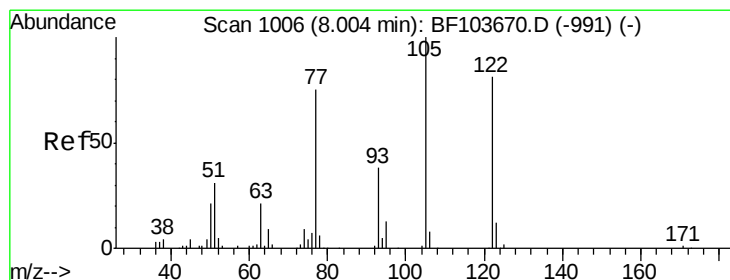
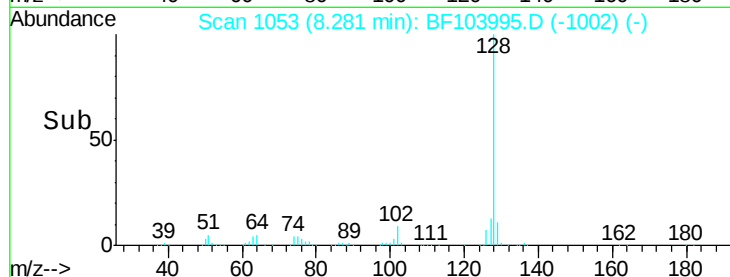
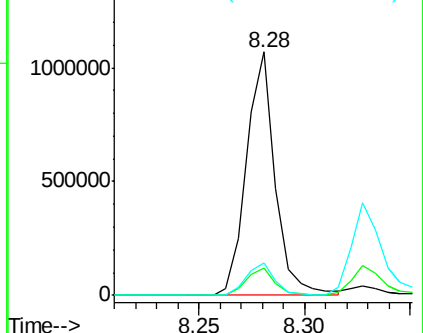
#31
Naphthalene
Concen: 37.604 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1012068
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.9 16.3

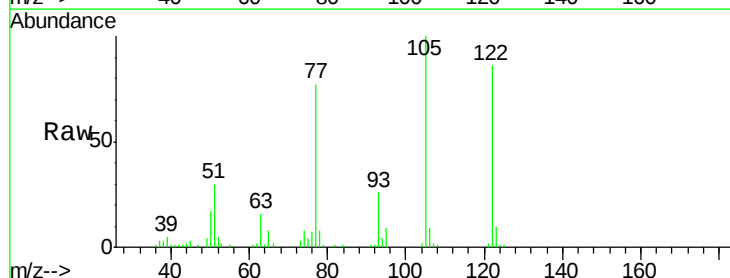


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

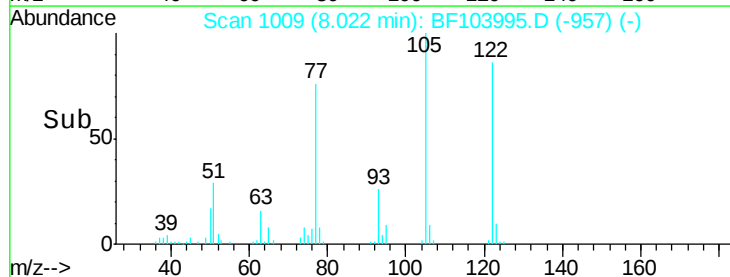
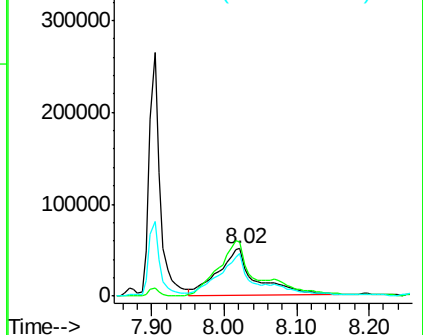


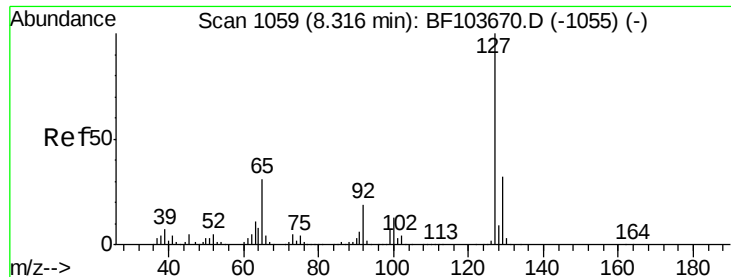
#32
Benzoic acid
Concen: 36.570 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:122 Resp: 179622
Ion Ratio Lower Upper
122 100
105 115.9 101.1 141.1
77 89.4 70.7 110.7



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

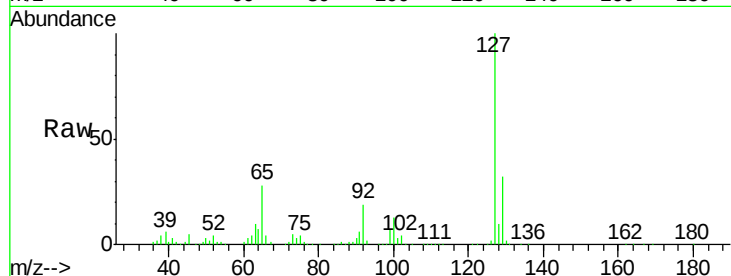




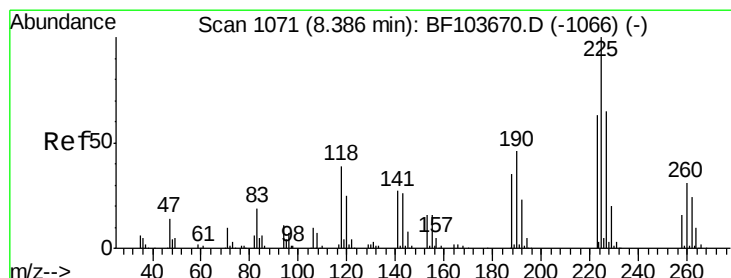
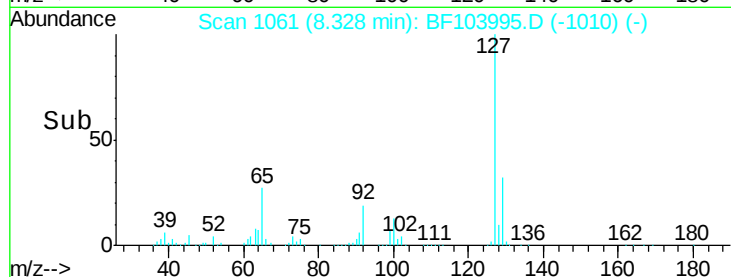
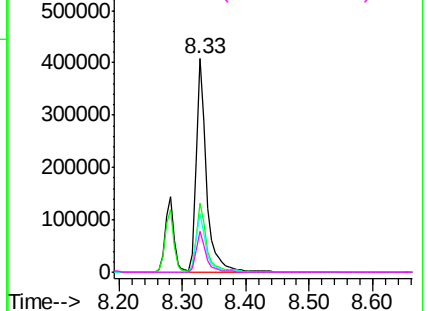
#33
4-Chloroaniline
Concen: 39.658 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	447788
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.8	25.0	37.4
92	18.9	15.2	22.8

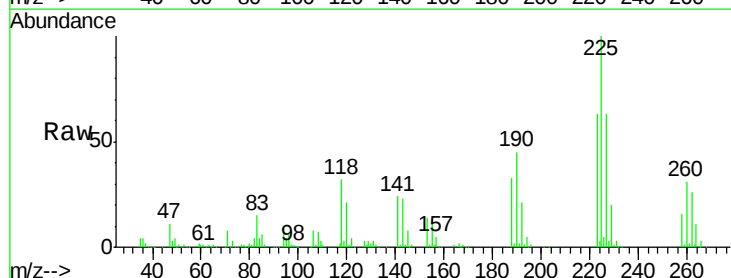


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

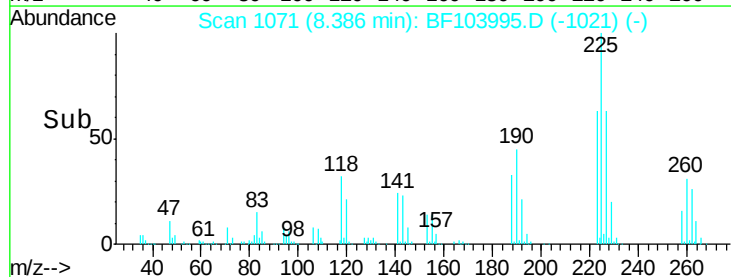
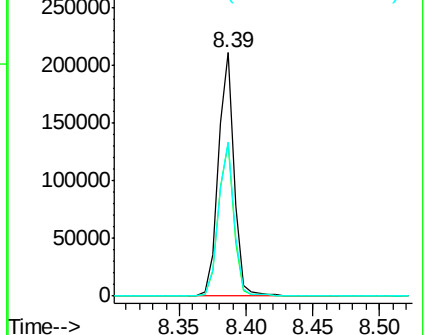


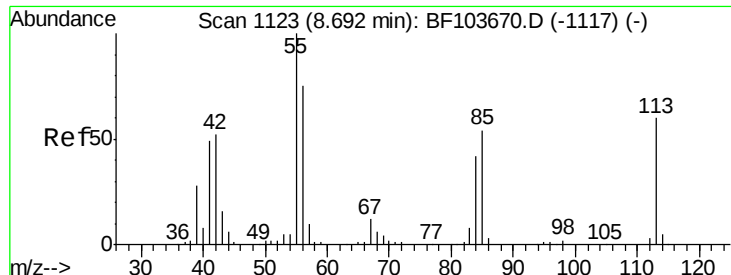
#34
Hexachlorobutadiene
Concen: 40.022 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:	225	Resp:	175439
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

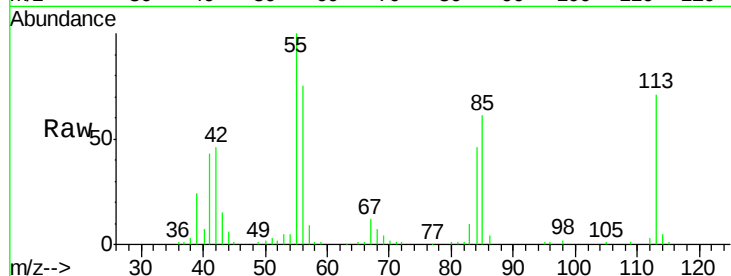




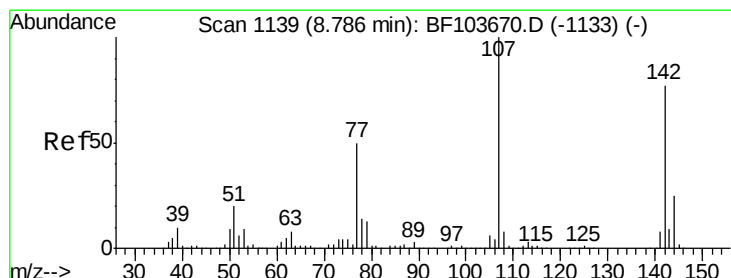
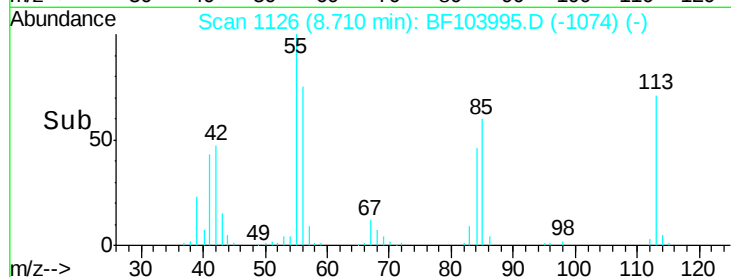
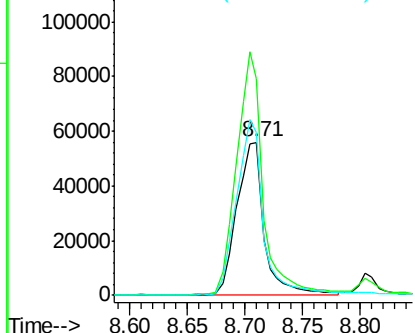
#35
 Caprolactam
 Concen: 38.788 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 92069
 Ion Ratio Lower Upper
 113 100
 55 141.5 163.3 203.3#
 56 106.2 115.7 155.7#

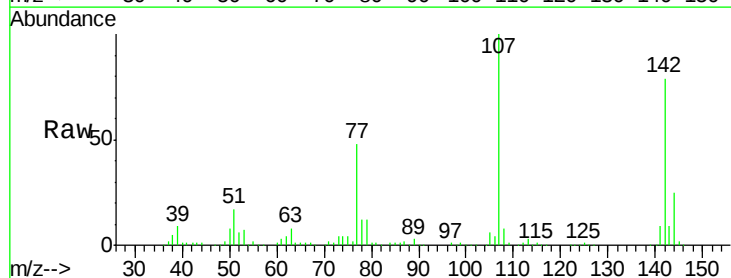


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

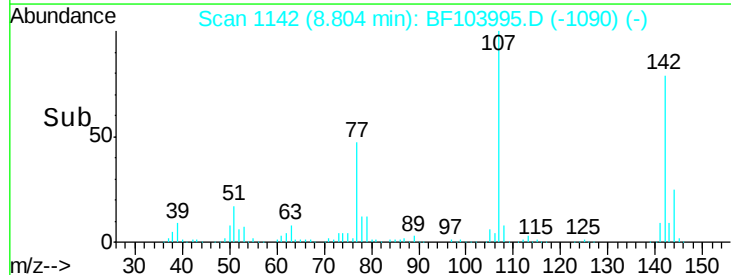
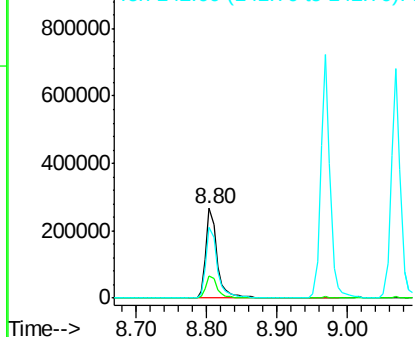


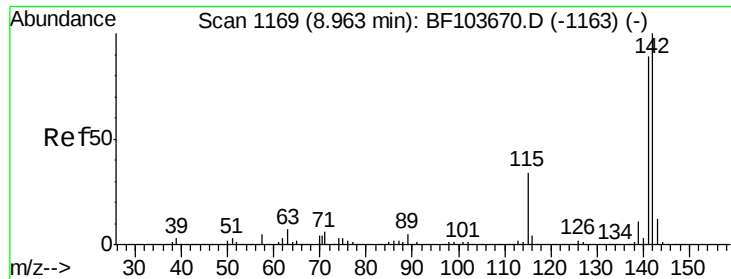
#36
 4-Chloro-3-methylphenol
 Concen: 39.194 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:107 Resp: 297846
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 78.6 62.0 93.0



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

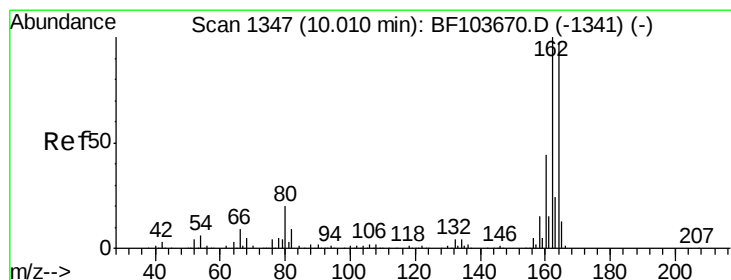
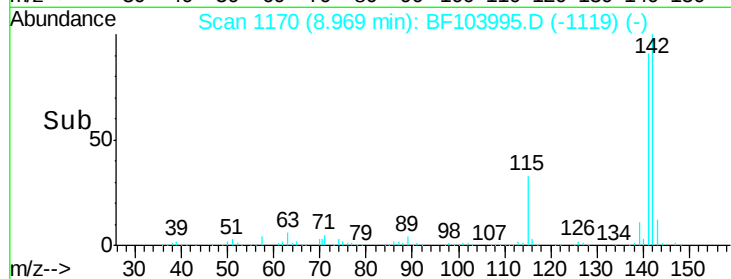
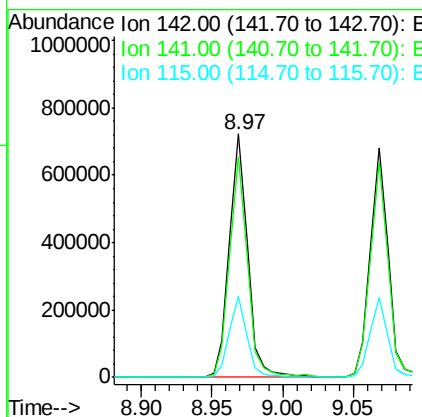
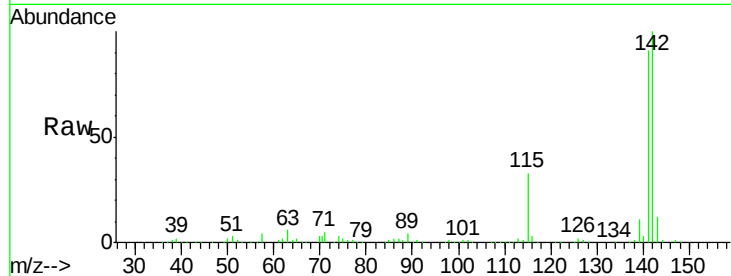




#37
2-Methylnaphthalene
Concen: 38.609 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

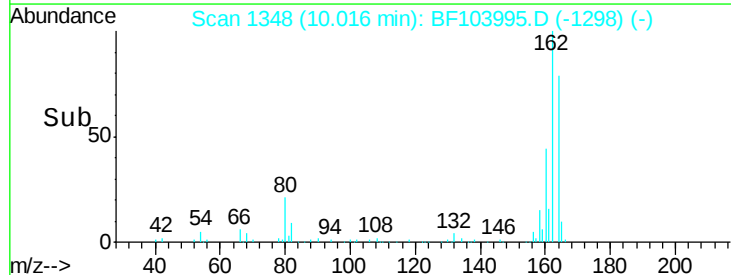
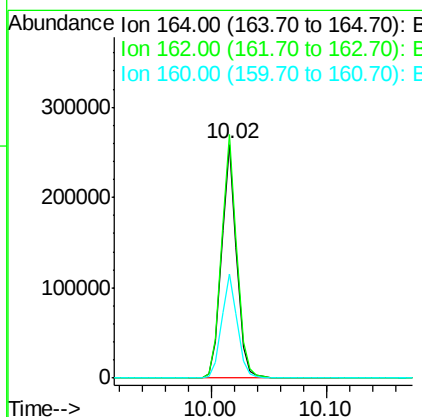
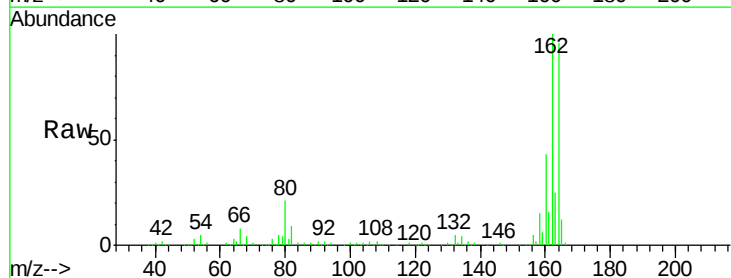
Instrument :
BNA_F
ClientSampled :

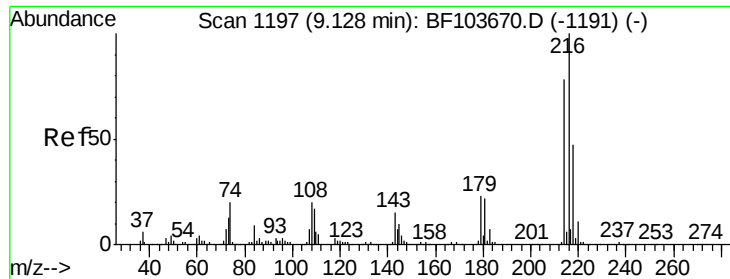
Tot Ion:142 Resp: 658967
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
115 33.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:164 Resp: 234445
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 44.7 38.3 57.5

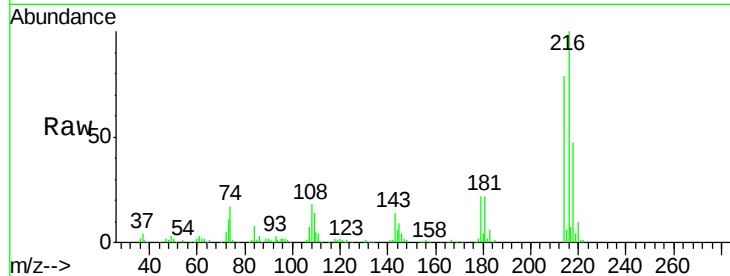




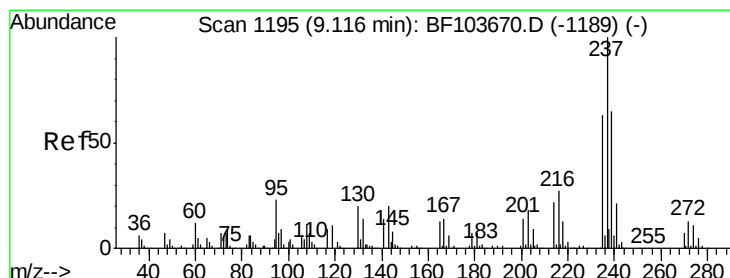
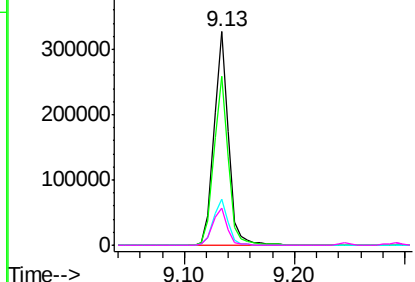
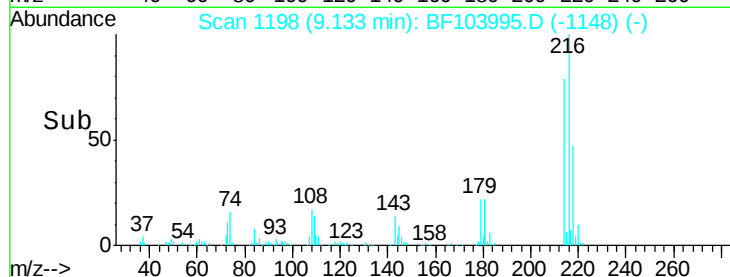
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.795 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	292921
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	22.0	18.1 27.1
108	18.3	17.2 25.8

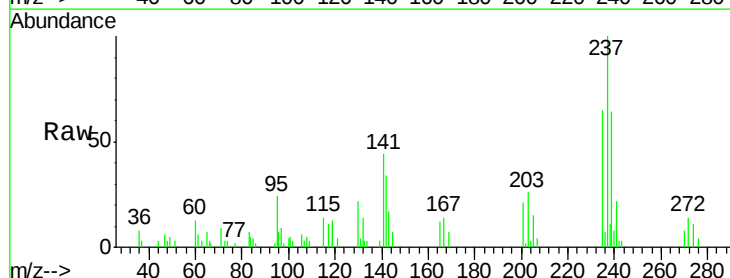


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

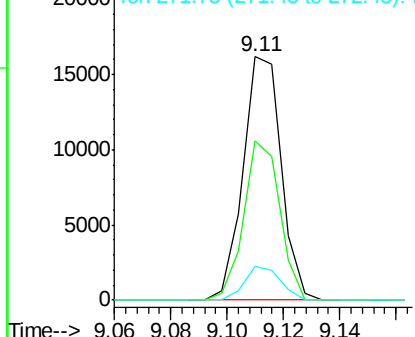
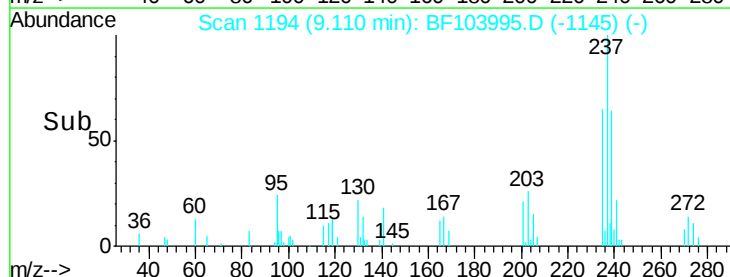


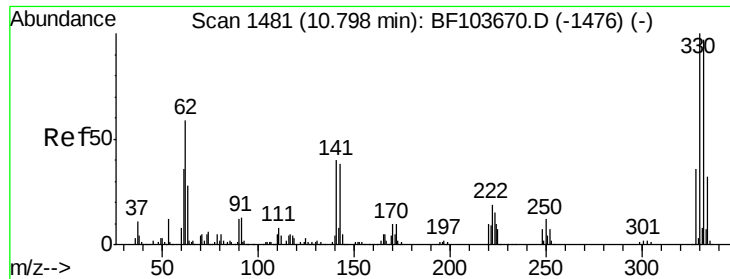
#40
 Hexachlorocyclopentadiene
 Concen: 4.401 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:237	Resp:	15189
Ion Ratio	Lower	Upper
237	100	
235	65.1	44.8 84.8
272	14.0	0.0 33.3



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

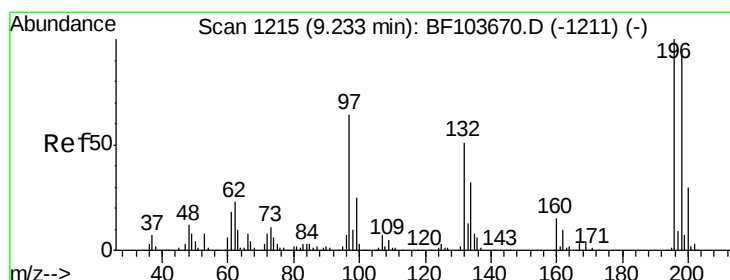
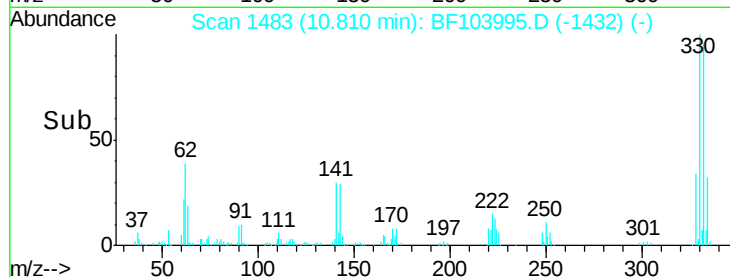
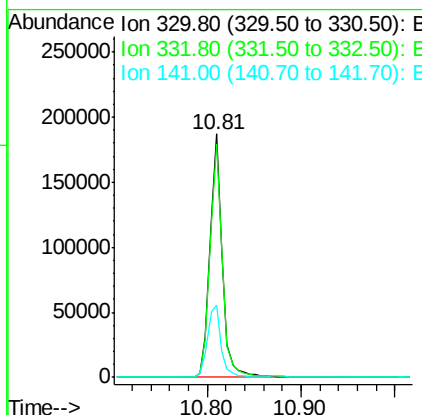
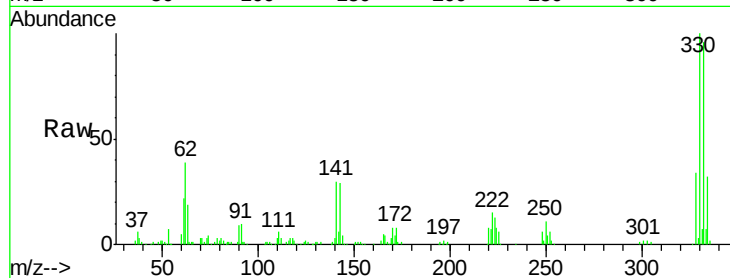




#41
 2,4,6-Tribromophenol
 Concen: 87.383 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

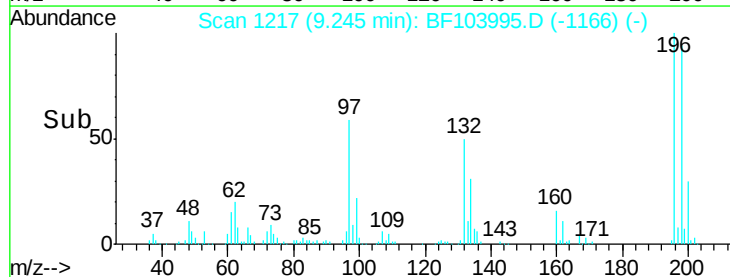
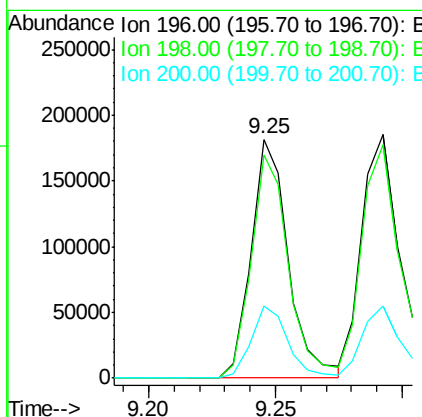
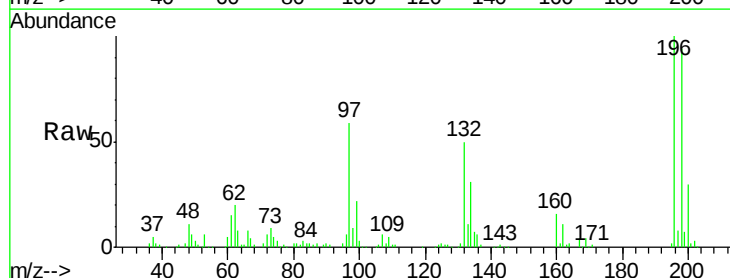
Instrument :
 BNA_F
 ClientSampled :

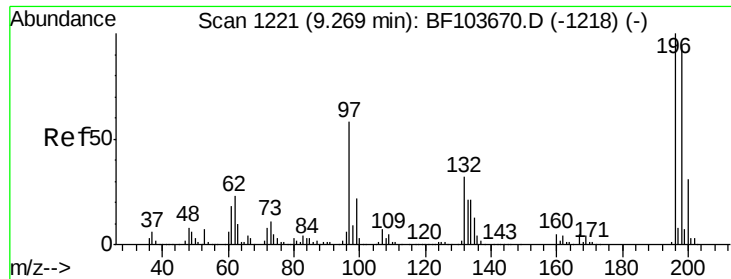
Tot Ion:330 Resp: 176145
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.384 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:196 Resp: 185600
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 30.3 24.5 36.7

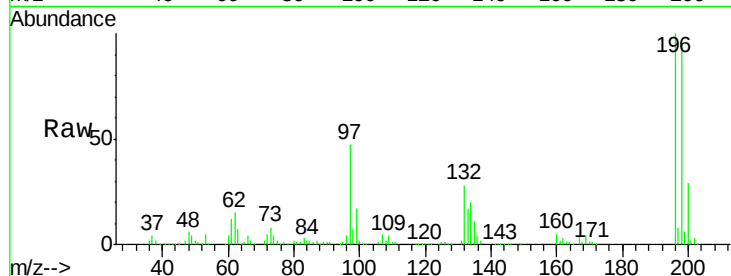




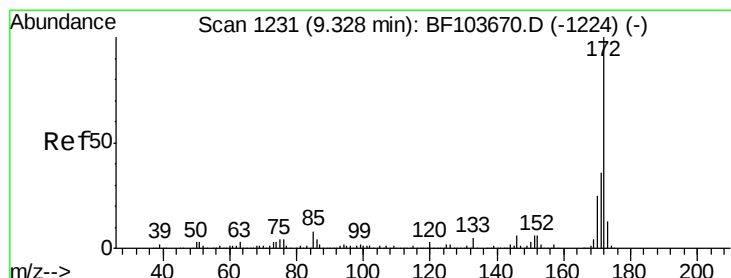
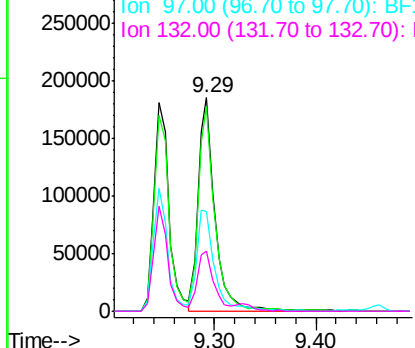
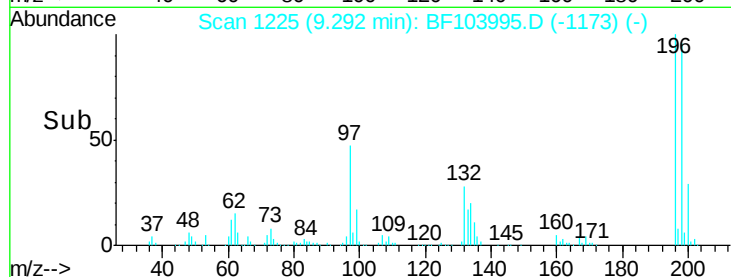
#43
2,4,5-Trichlorophenol
Concen: 43.458 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 209844
Ion Ratio Lower Upper
196 100
198 95.6 74.6 112.0
97 46.8 42.9 64.3
132 28.1 26.3 39.5

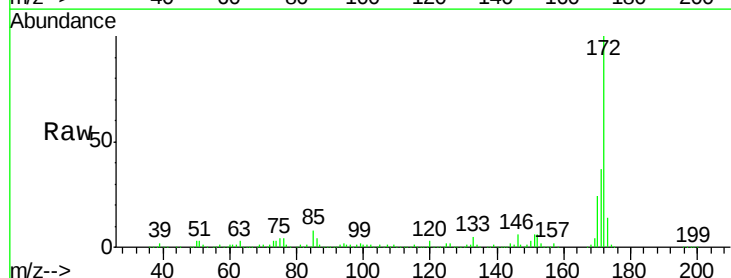


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

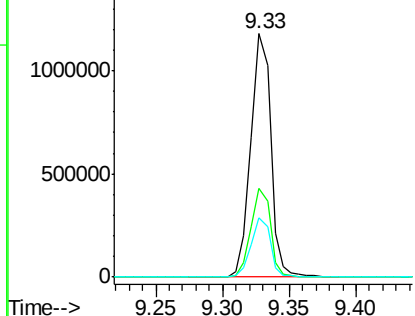
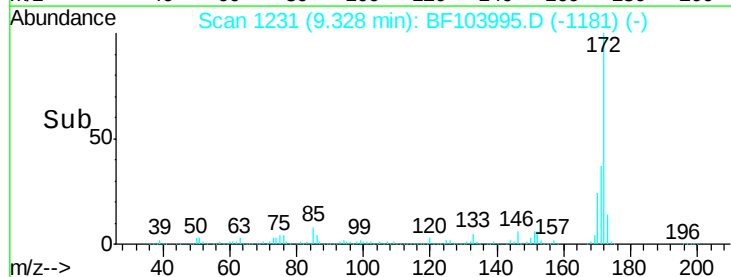


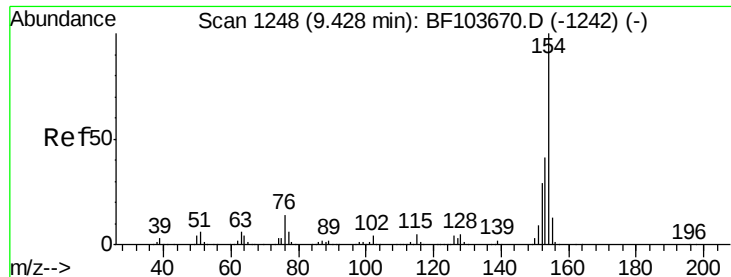
#44
2-Fluorobiphenyl
Concen: 82.918 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:172 Resp: 1218680
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.2 19.6 29.4



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

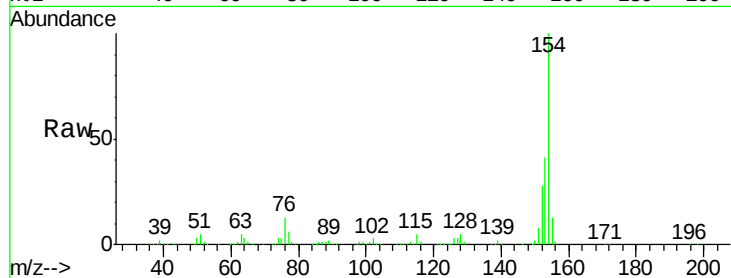




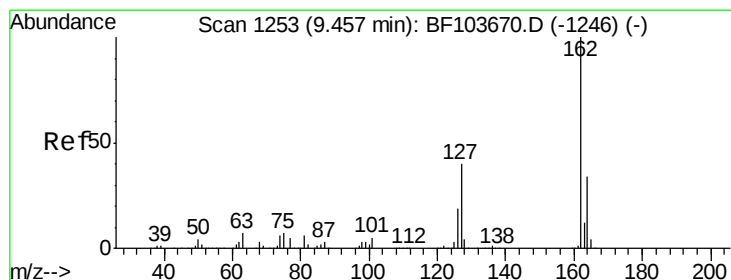
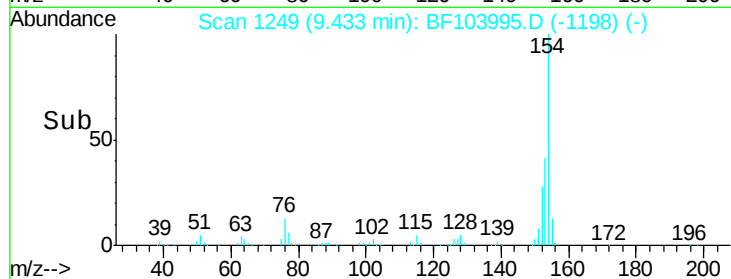
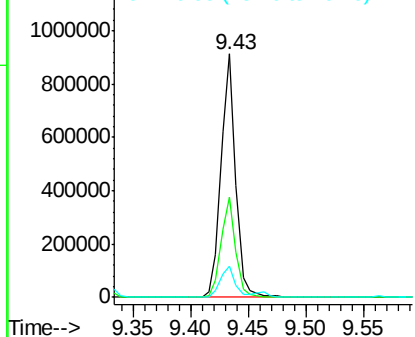
#45
 1,1'-Biphenyl
 Concen: 41.227 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.8	0.0	34.0

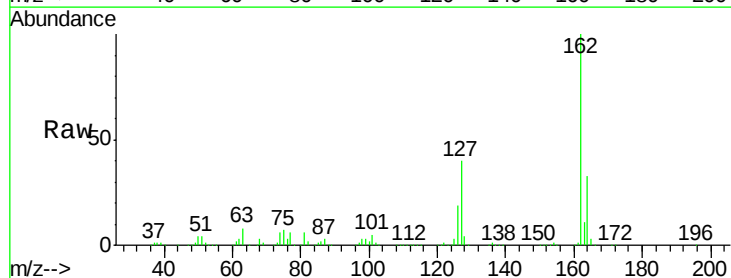


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

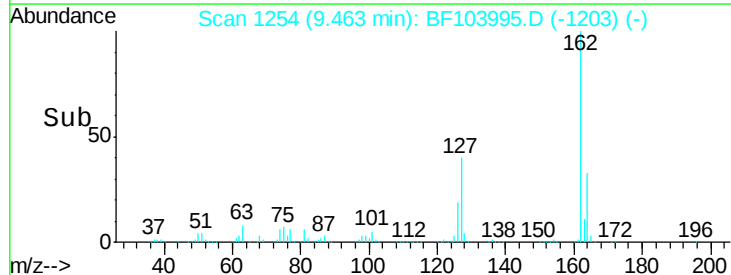
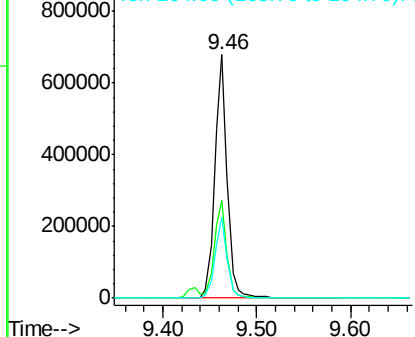


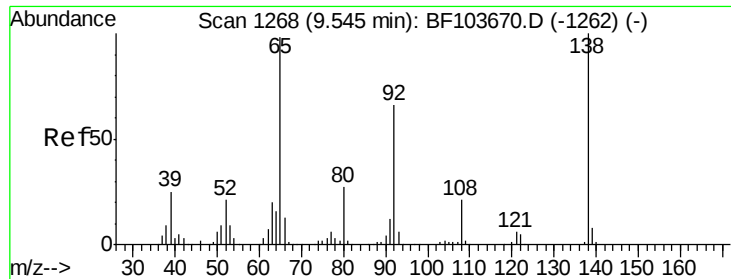
#46
 2-Chloronaphthalene
 Concen: 40.799 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.0	26.5	39.7



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

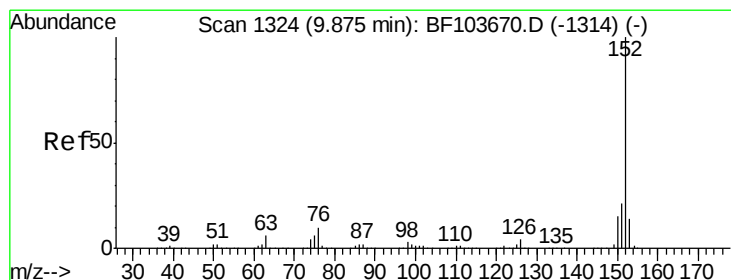
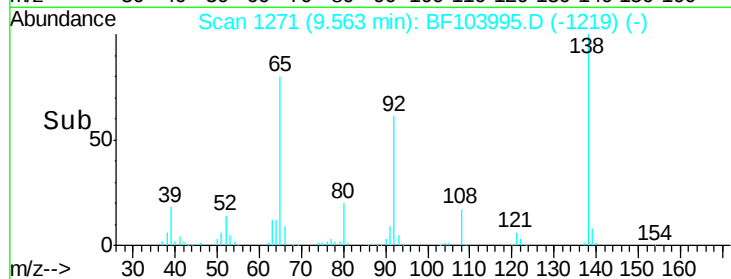
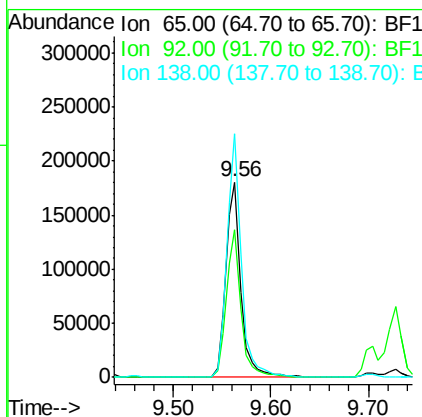
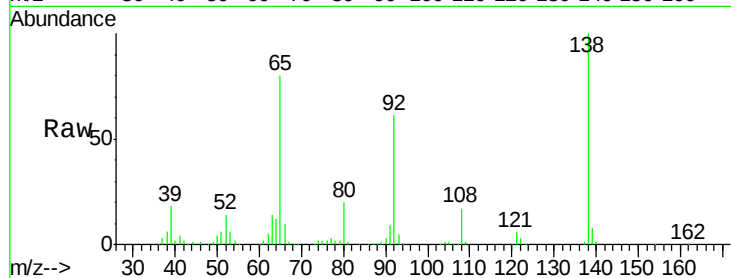




#47
2-Nitroaniline
Concen: 47.666 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

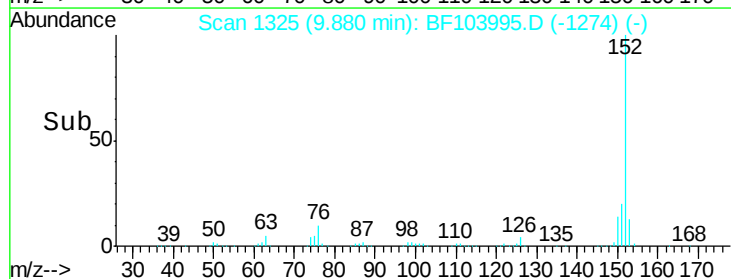
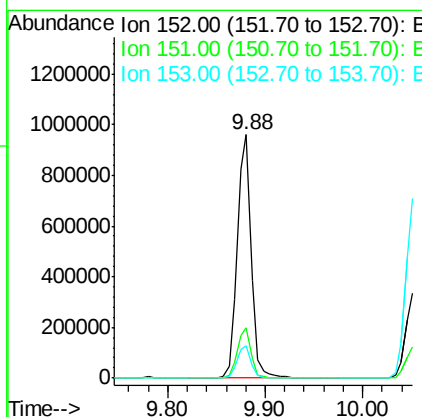
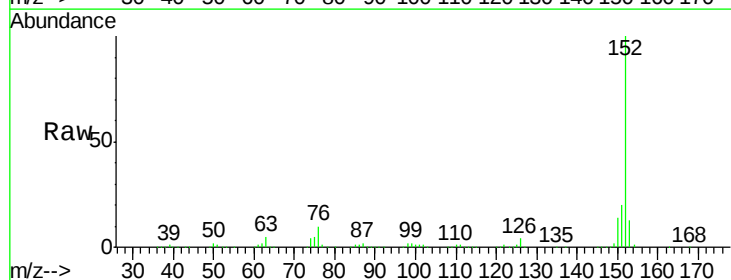
Instrument :
BNA_F
ClientSampleId :

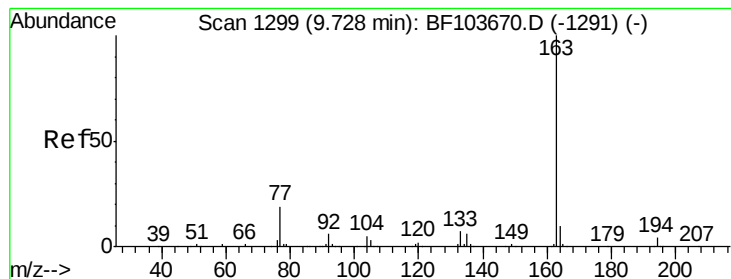
Tot Ion: 65 Resp: 193389
Ion Ratio Lower Upper
65 100
92 75.8 55.8 83.6
138 124.8 91.2 136.8



#48
Acenaphthylene
Concen: 39.487 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion: 152 Resp: 950754
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 42.719 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampled :

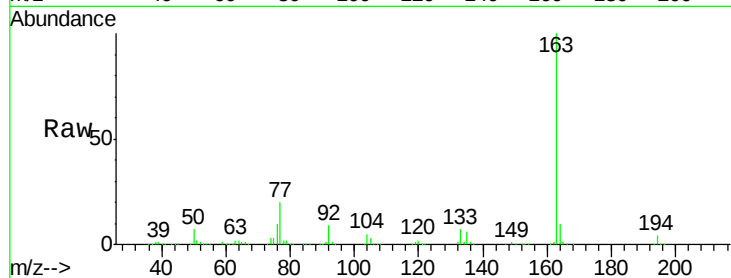
Tot Ion:163 Resp: 764119

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

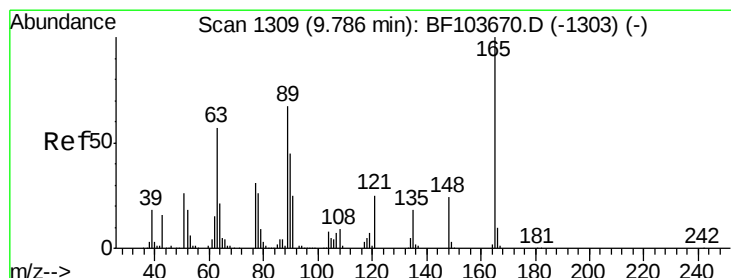
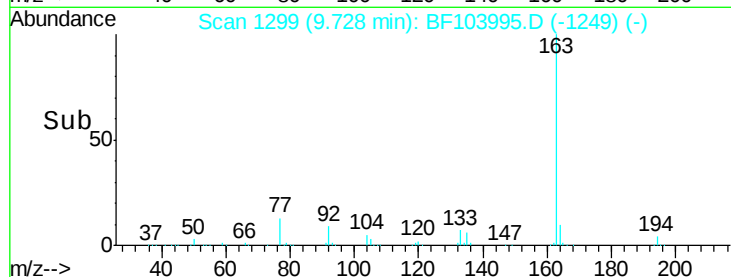
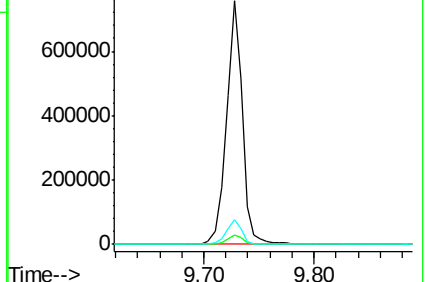
164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 43.040 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

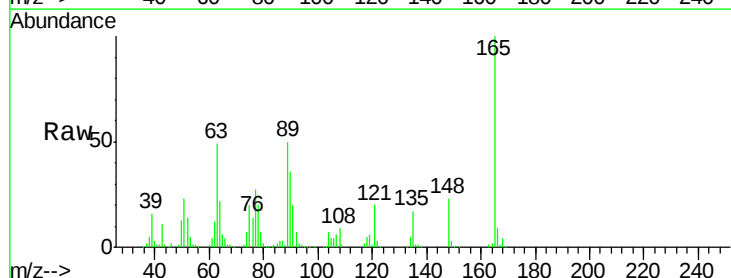
Tgt Ion:165 Resp: 147372

Ion Ratio Lower Upper

165 100

63 49.4 44.7 67.1

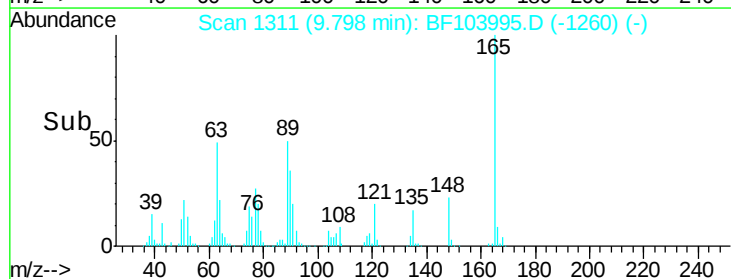
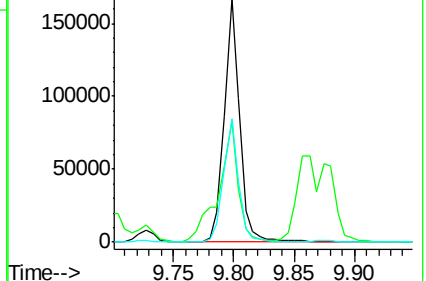
89 50.5 44.0 66.0

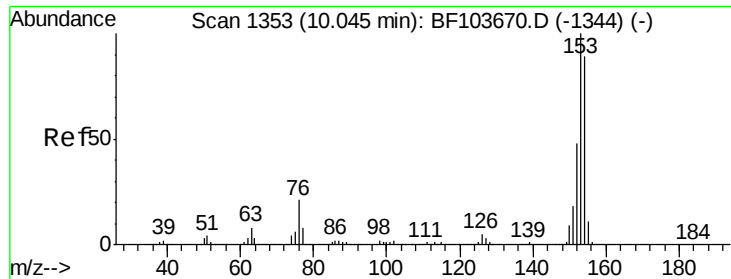


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.240 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

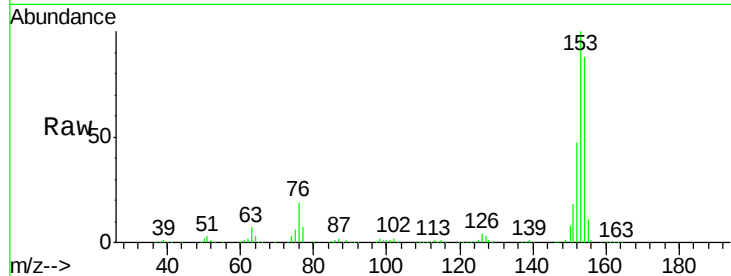
Tot Ion:154 Resp: 546713

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

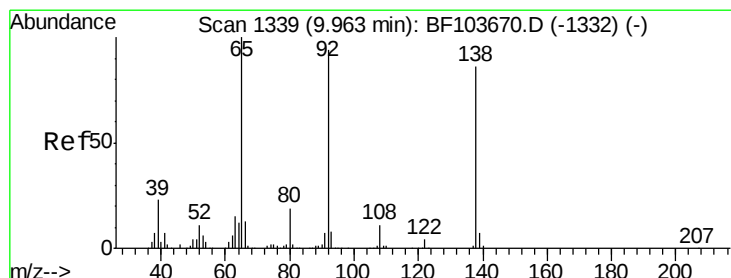
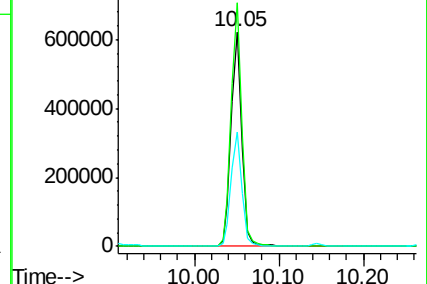
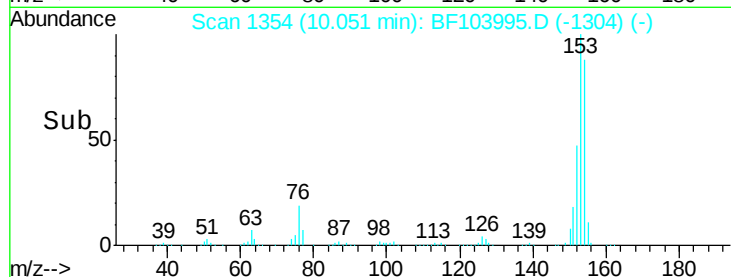
152 53.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 48.377 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

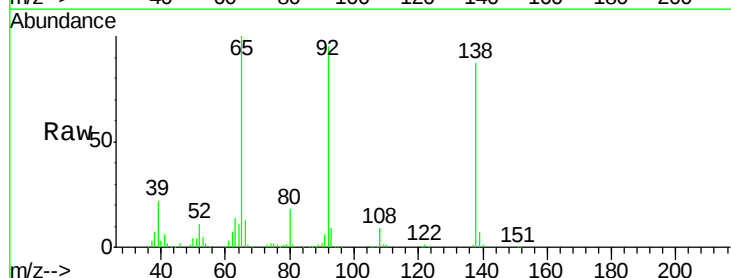
Tgt Ion:138 Resp: 200753

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

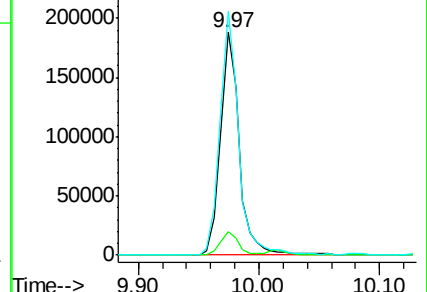
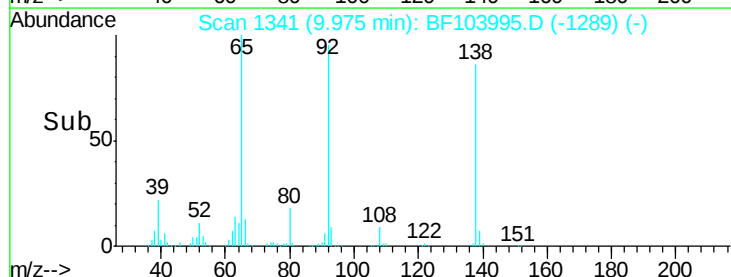
92 109.3 89.4 134.2

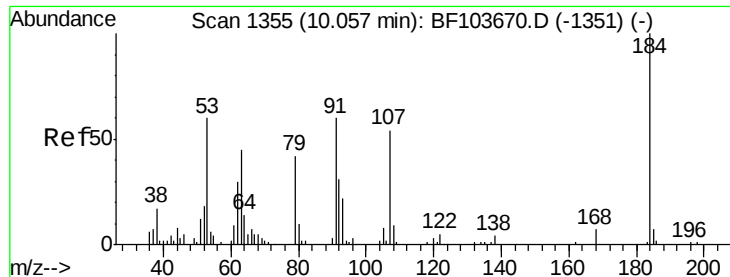


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

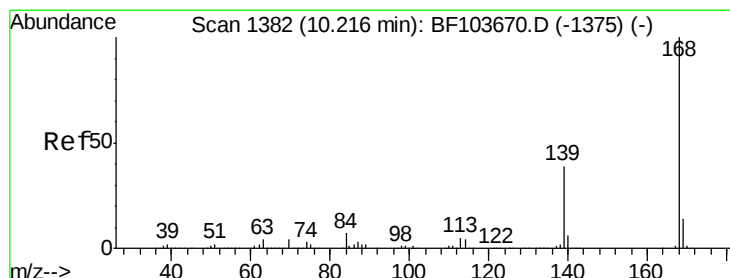
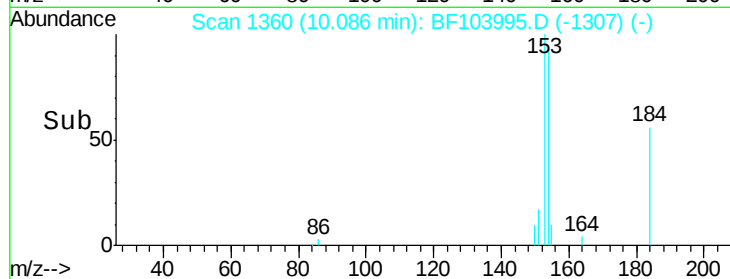
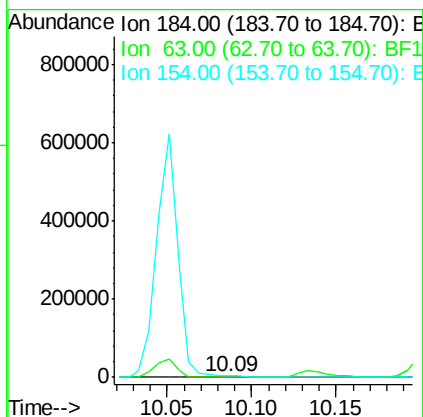
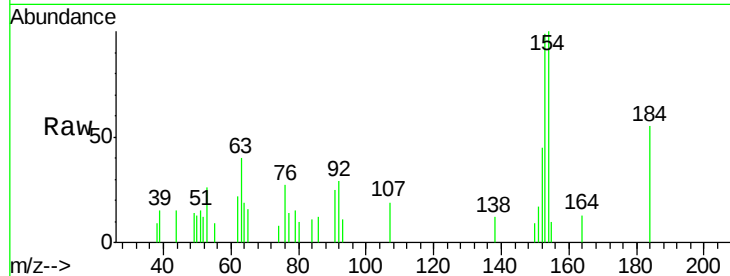




#53
 2,4-Dinitrophenol
 Concen: 13.468 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

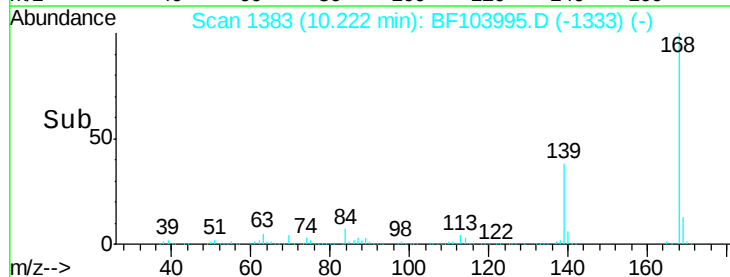
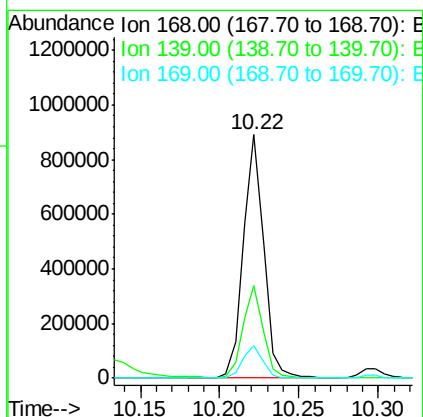
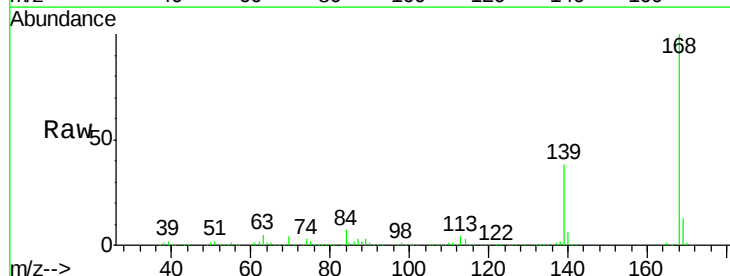
Instrument :
 BNA_F
 ClientSampled :

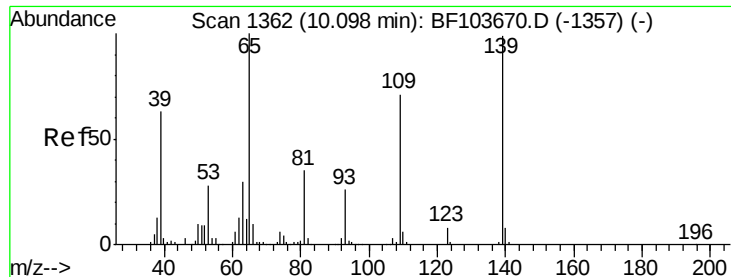
Tot Ion:184 Resp: 3574
 Ion Ratio Lower Upper
 184 100
 63 73.1 54.2 81.2
 154 182.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.856 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:168 Resp: 793396
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.1 45.1
 169 13.5 10.9 16.3

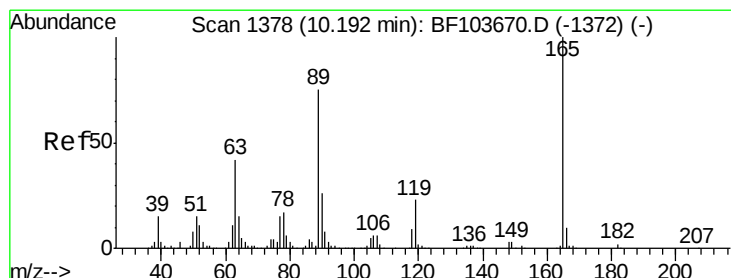
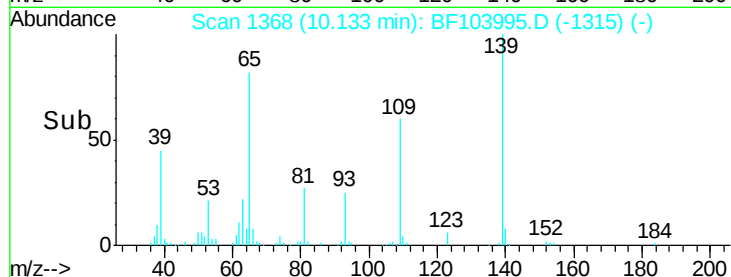
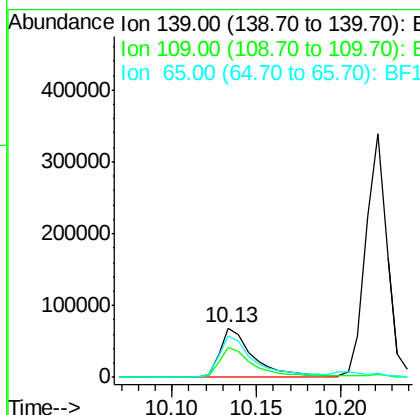
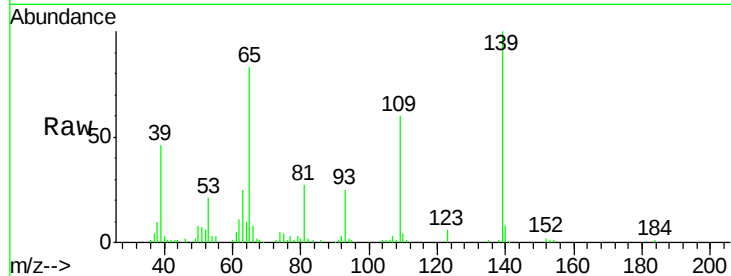




#55
4-Nitrophenol
Concen: 32.811 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

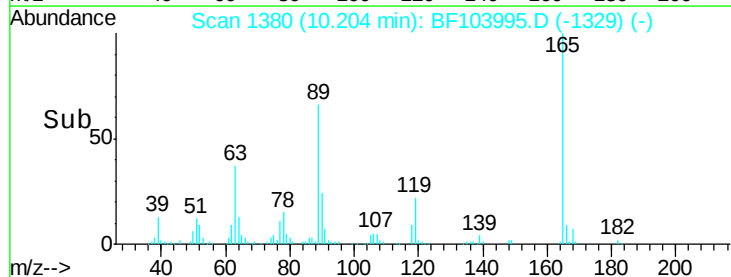
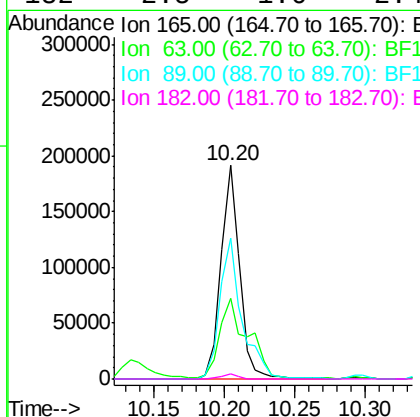
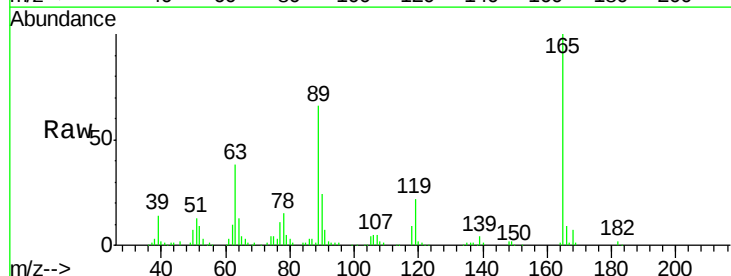
Instrument :
BNA_F
ClientSampled :

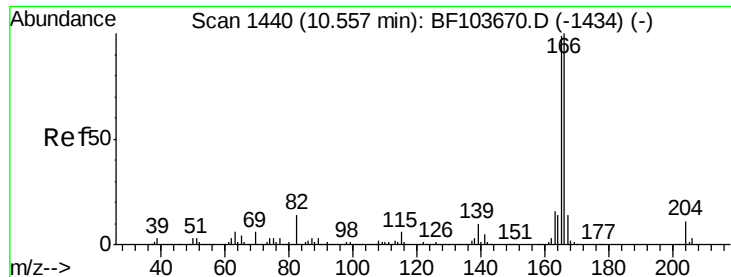
Tot Ion:139 Resp: 97212
Ion Ratio Lower Upper
139 100
109 59.6 48.4 88.4
65 82.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.463 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:165 Resp: 177500
Ion Ratio Lower Upper
165 100
63 37.7 36.4 54.6
89 65.8 57.8 86.6
182 2.5 1.6 2.4#

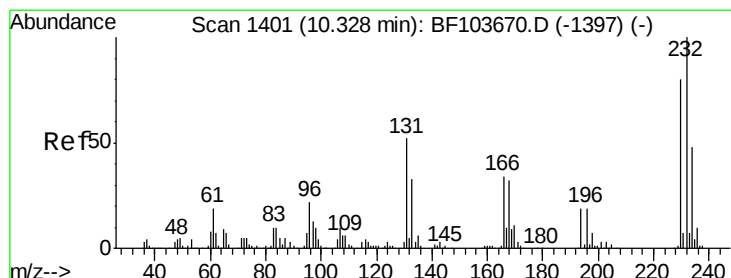
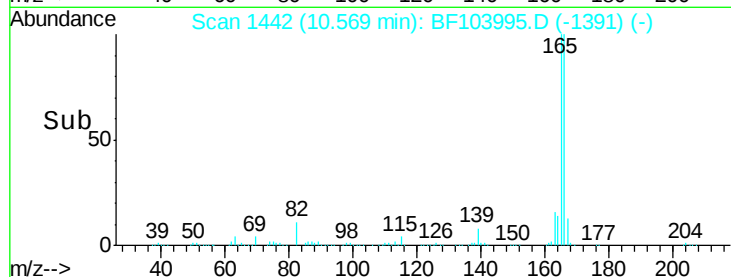
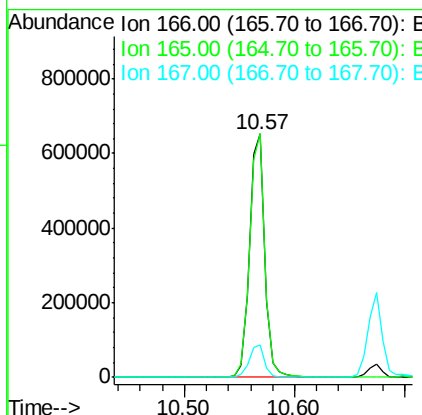
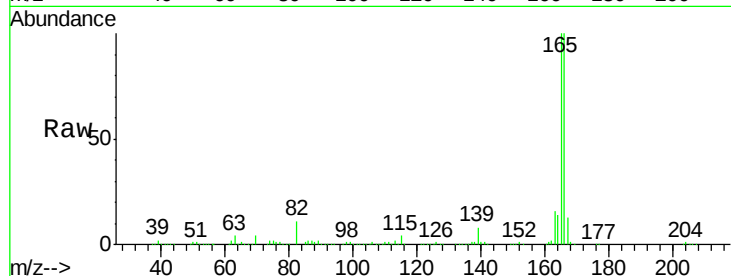




#57
 Fluorene
 Concen: 39.700 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

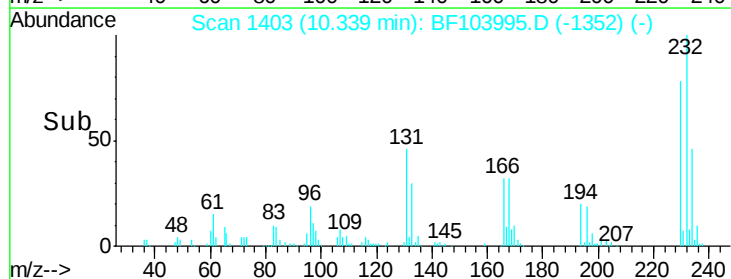
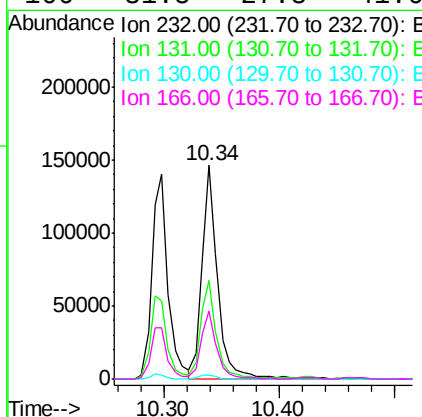
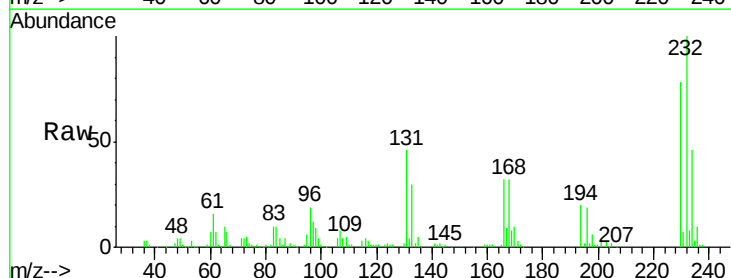
Instrument :
 BNA_F
 ClientSampleId :

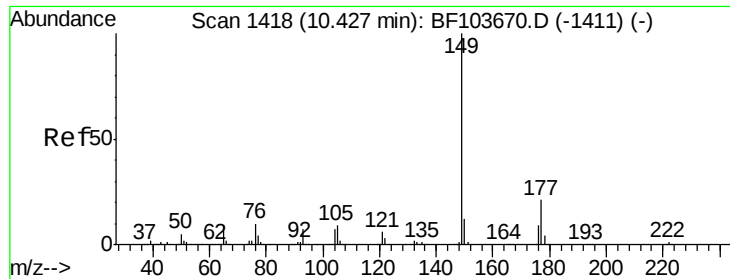
Tot Ion:166 Resp: 629031
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.660 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:232 Resp: 139116
 Ion Ratio Lower Upper
 232 100
 131 47.2 43.8 65.8
 130 2.0 2.1 3.1#
 166 31.5 27.8 41.6

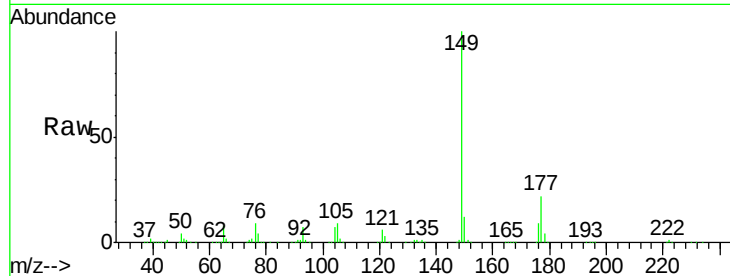




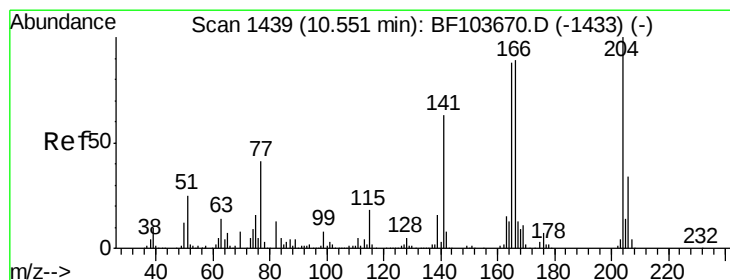
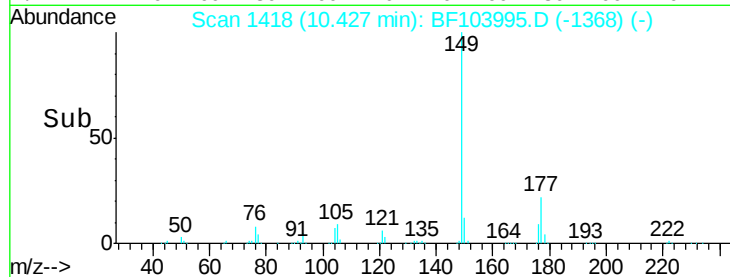
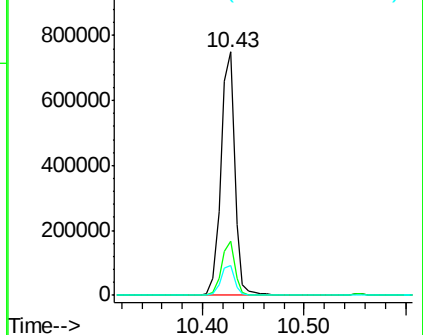
#59
Diethylphthalate
Concen: 40.292 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 715314
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.5 10.1 15.1

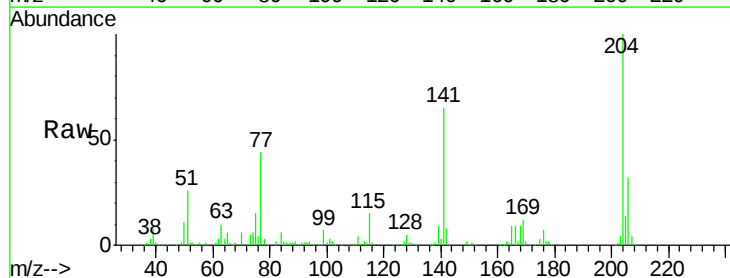


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

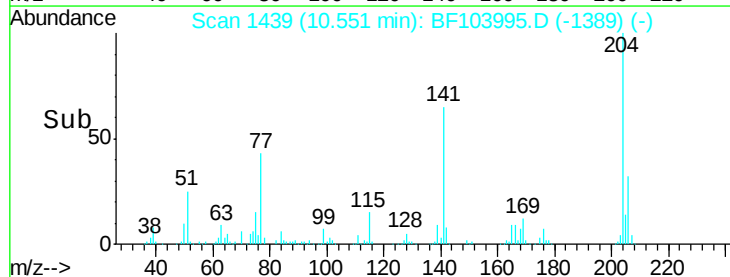
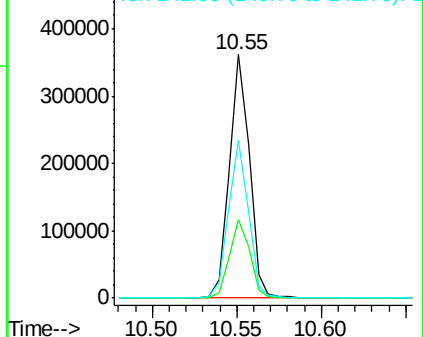


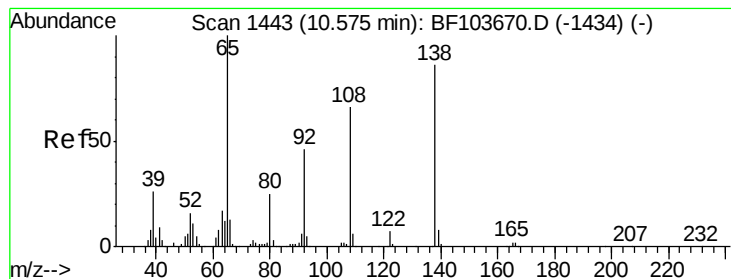
#60
4-Chlorophenyl-phenylether
Concen: 40.906 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:204 Resp: 296203
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 64.6 54.6 81.8



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





#61

4-Nitroaniline

Concen: 49.025 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampled :

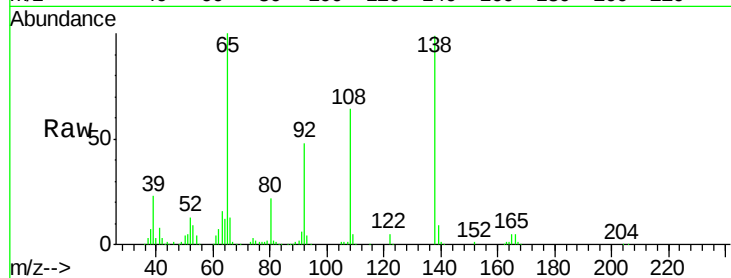
Tot Ion:138 Resp: 196014

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

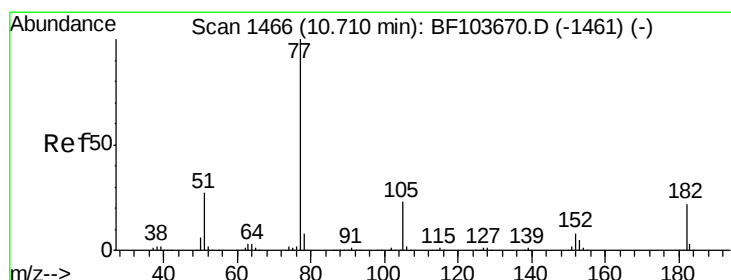
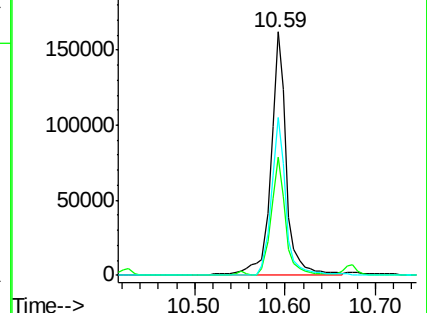
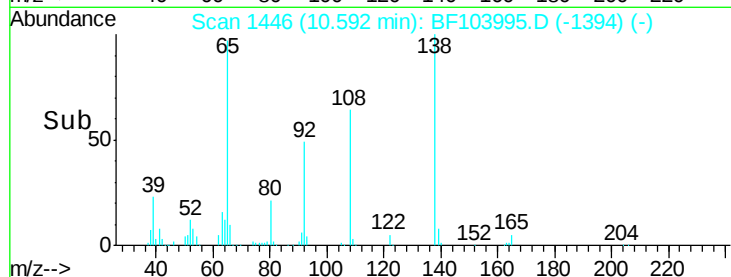
108 65.0 52.5 92.5



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



#62

Azobenzene

Concen: 33.891 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Tgt Ion: 77 Resp: 611718

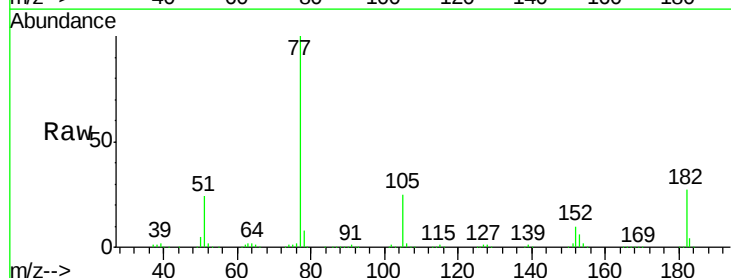
Ion Ratio Lower Upper

77 100

182 27.3 1.7 41.7

105 24.5 3.0 43.0

51 23.8 9.9 49.9

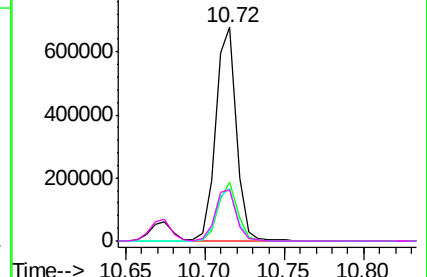
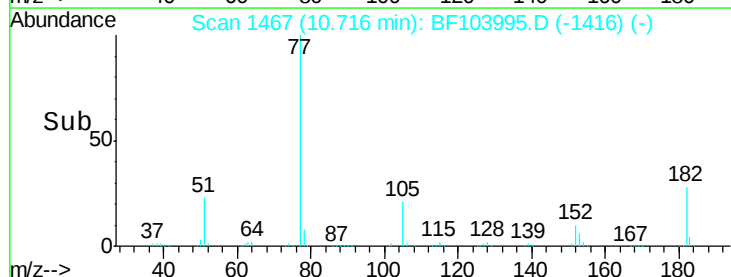


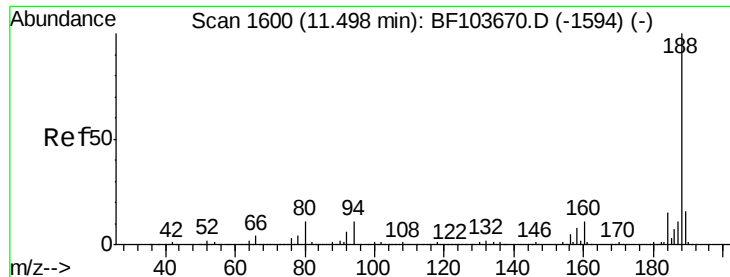
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

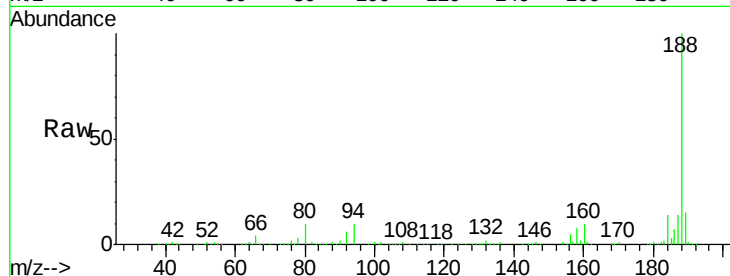




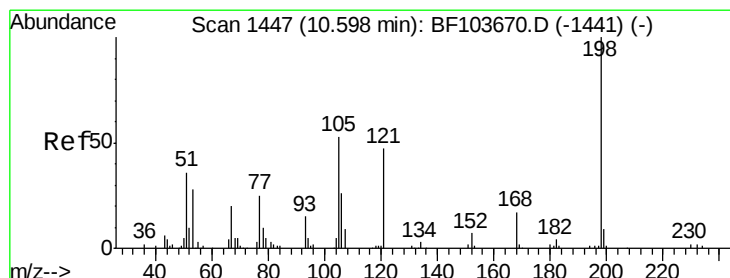
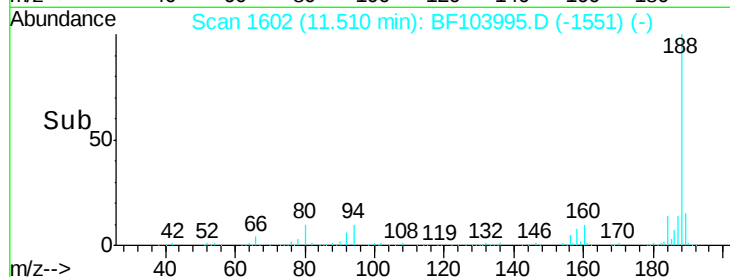
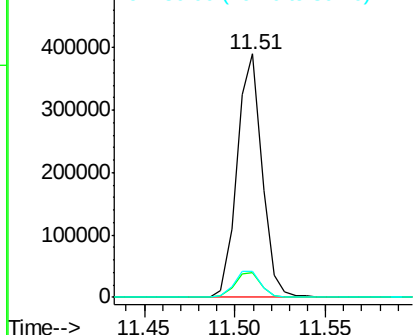
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 374450
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8

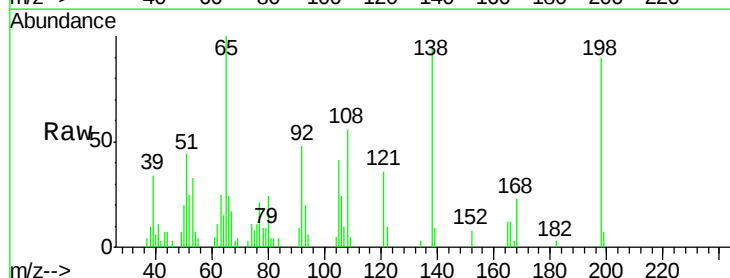


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

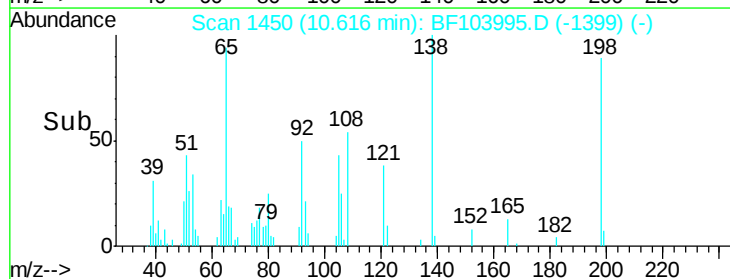
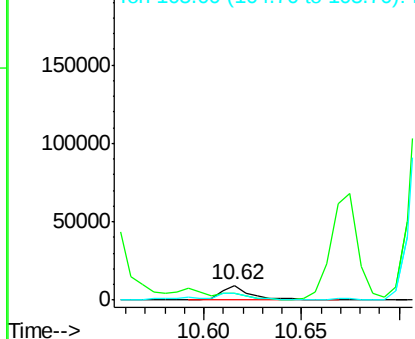


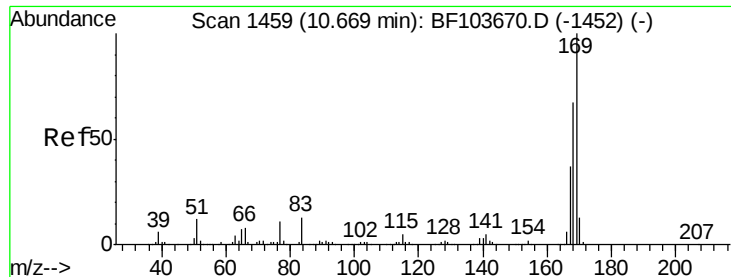
#64
4,6-Dinitro-2-methylphenol
Concen: 15.482 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:198 Resp: 9703
Ion Ratio Lower Upper
198 100
51 49.0 37.7 77.7
105 45.9 36.3 76.3



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

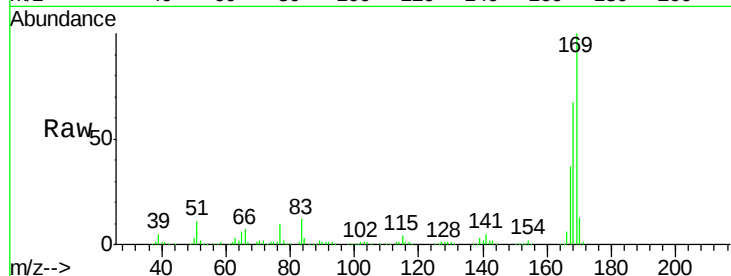




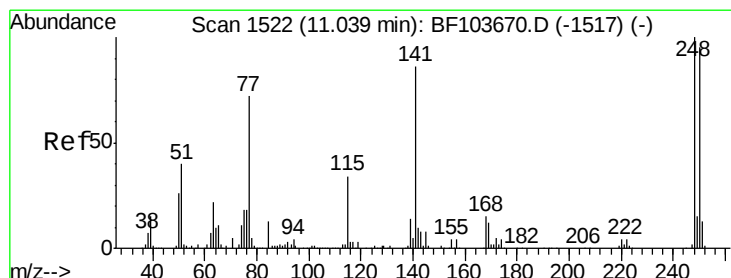
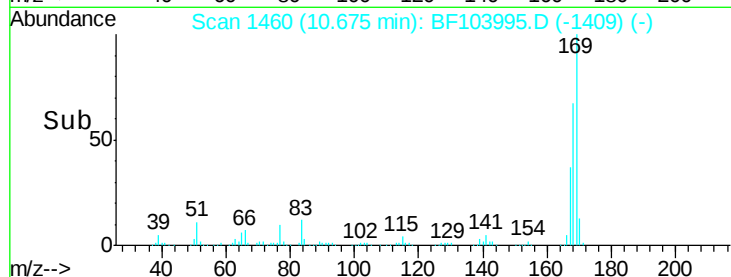
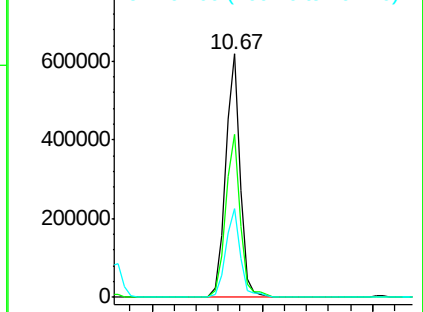
#65
 n-Nitrosodiphenylamine
 Concen: 44.608 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 568562
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 36.5 29.8 44.6

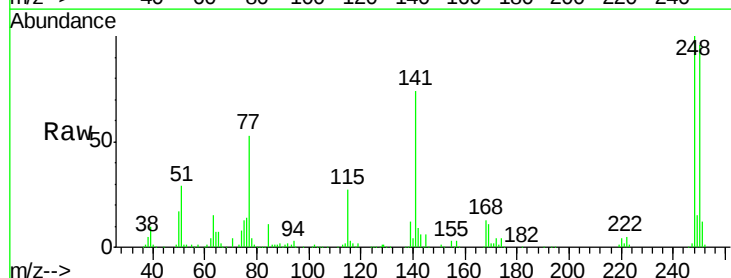


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

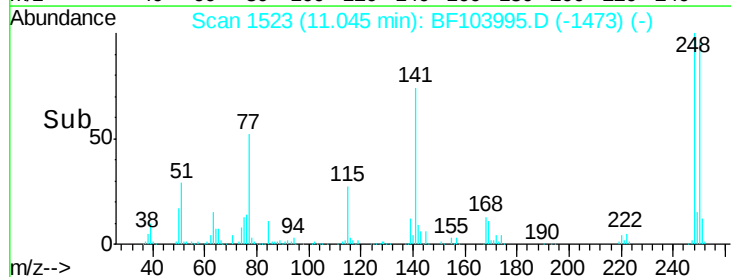
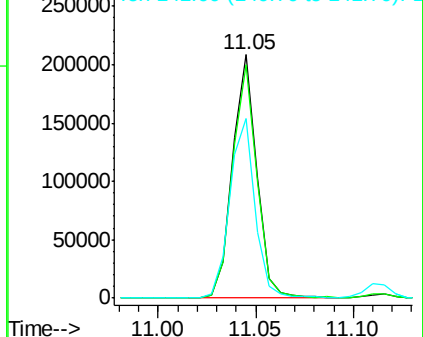


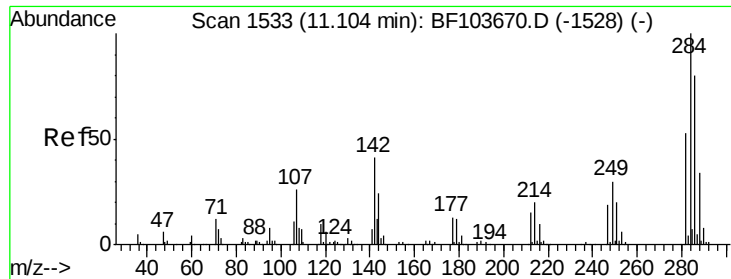
#66
 4-Bromophenyl-phenylether
 Concen: 46.873 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:248 Resp: 180207
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.9 115.3
 141 73.9 74.4 111.6#



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

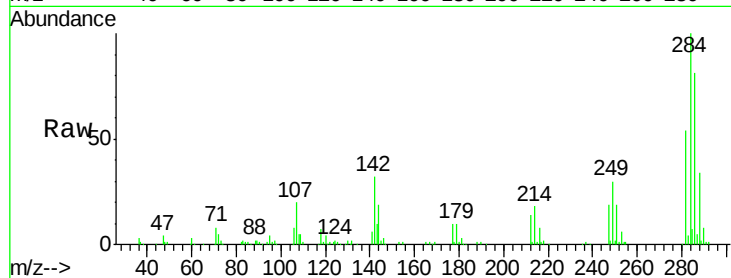




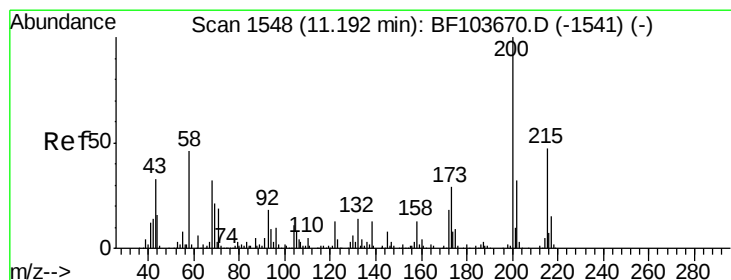
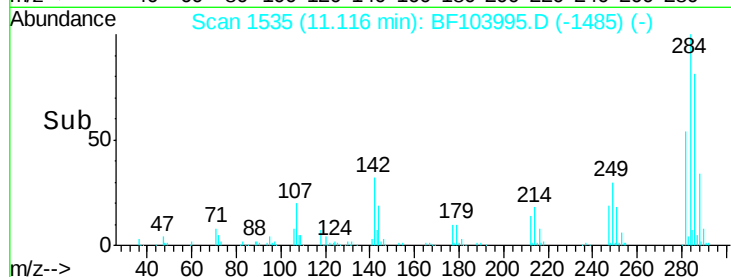
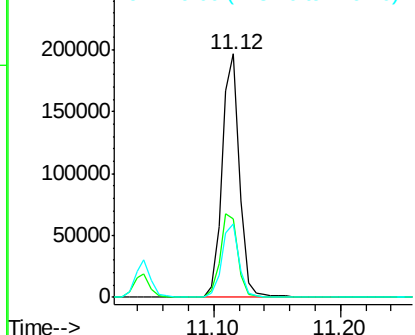
#67
Hexachlorobenzene
Concen: 43.060 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 188949
Ion Ratio Lower Upper
284 100
142 32.3 34.6 52.0#
249 29.9 24.8 37.2

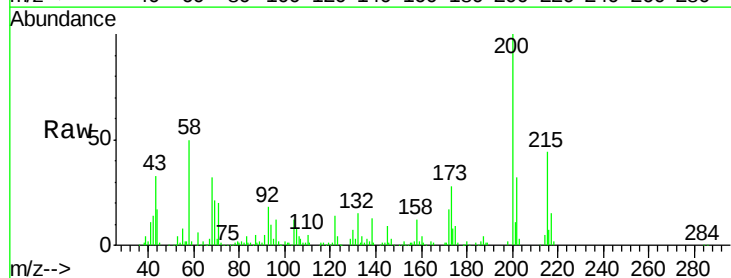


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

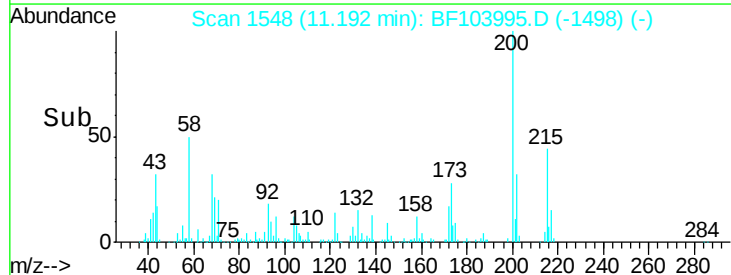
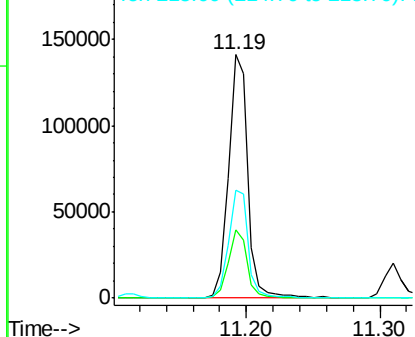


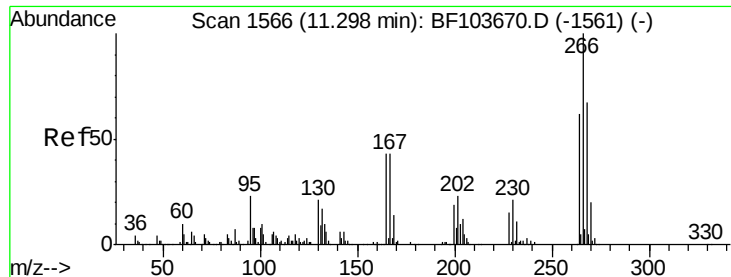
#68
Atrazine
Concen: 36.457 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:200 Resp: 143739
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 44.4 25.1 65.1



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

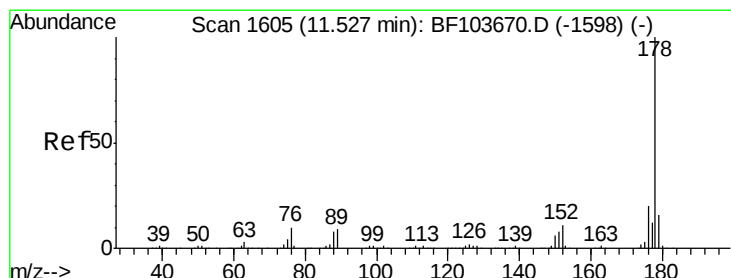
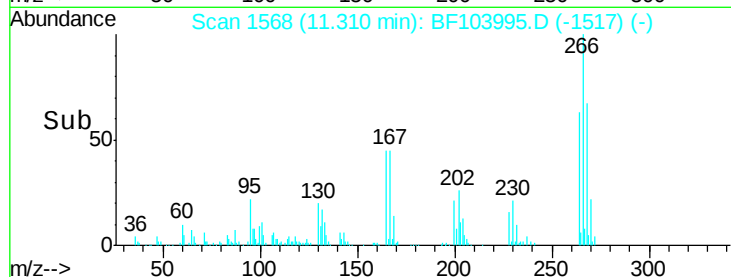
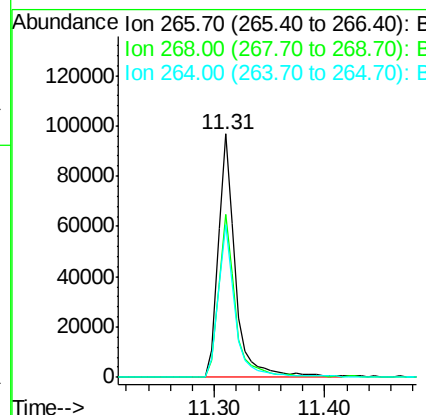
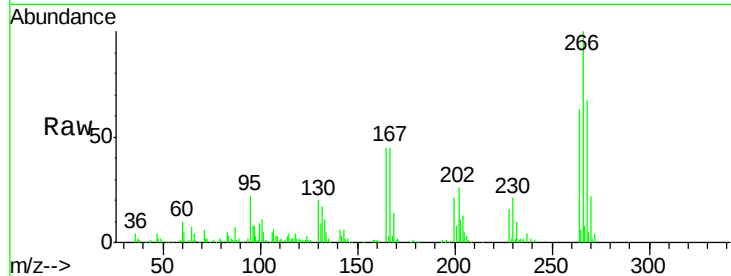




#69
 Pentachlorophenol
 Concen: 40.876 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

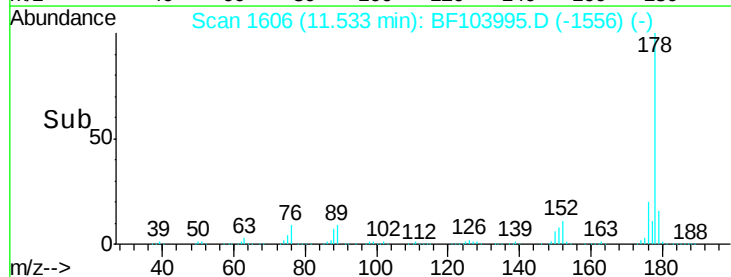
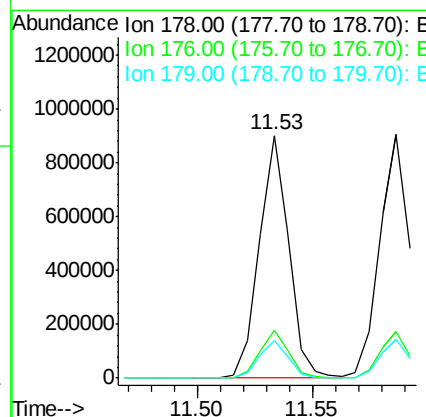
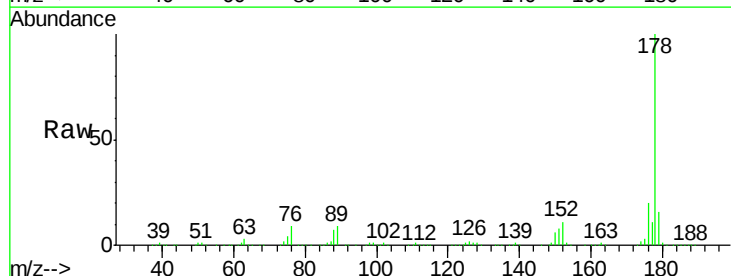
Instrument :
 BNA_F
 ClientSampleId :

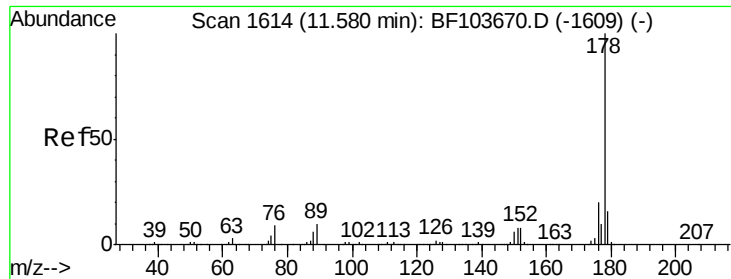
Tot Ion:266 Resp: 103119
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 62.9 49.5 74.3



#70
 Phenanthrene
 Concen: 39.492 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:178 Resp: 808927
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.7 13.0 19.6

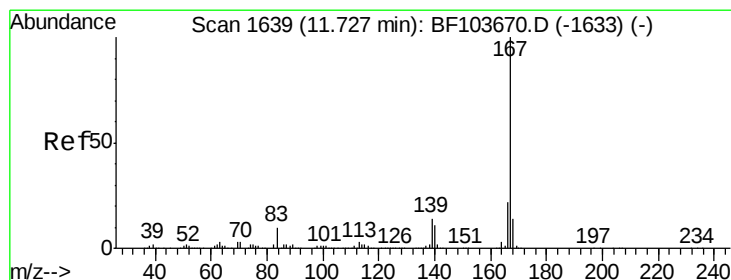
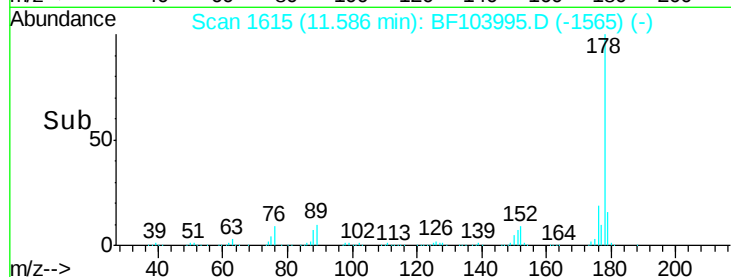
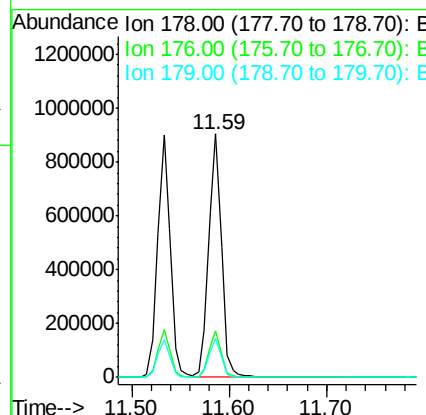
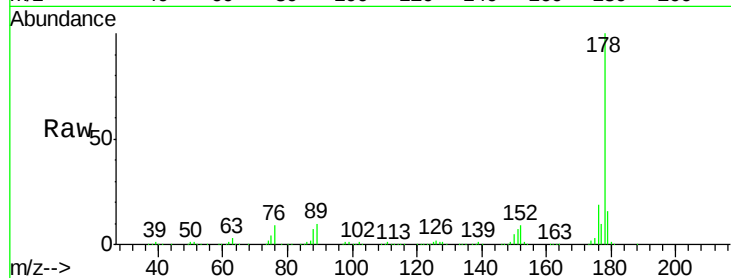




#71
 Anthracene
 Concen: 39.708 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

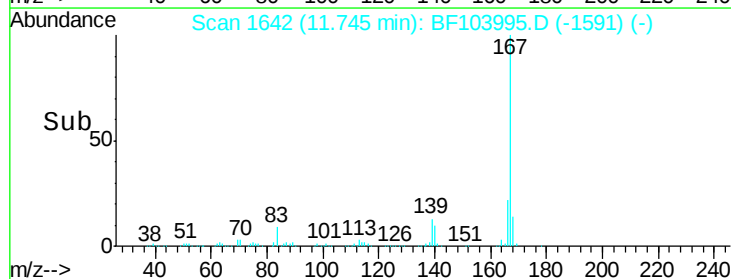
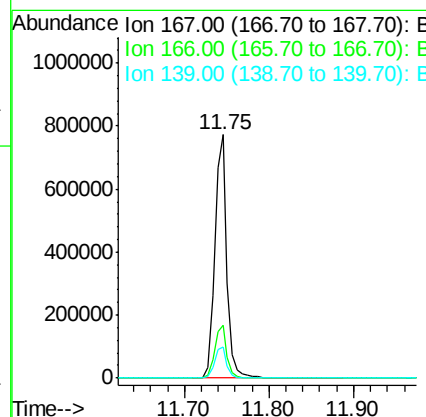
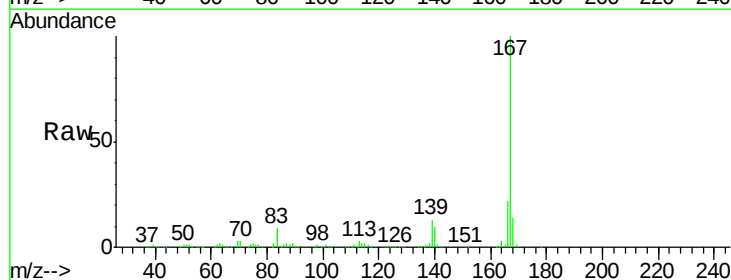
Instrument :
 BNA_F
 ClientSampleId :

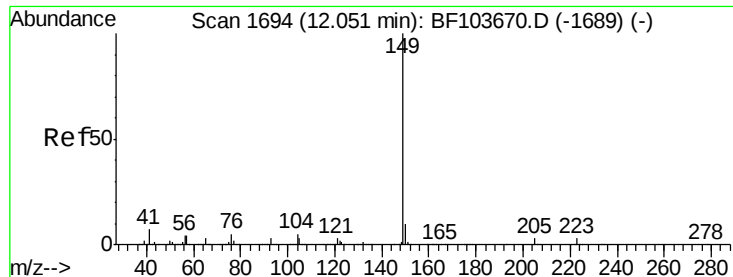
Tot Ion:178 Resp: 826086
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 38.384 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:167 Resp: 776147
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.765 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

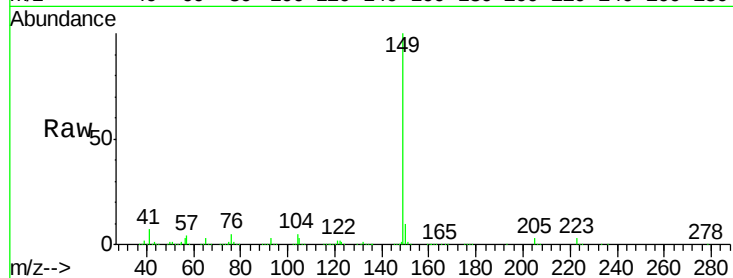
Tot Ion:149 Resp: 1037570

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

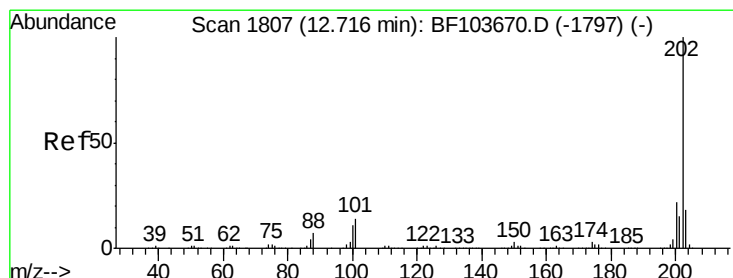
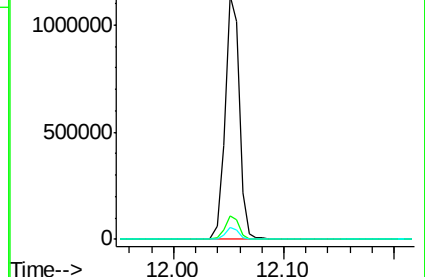
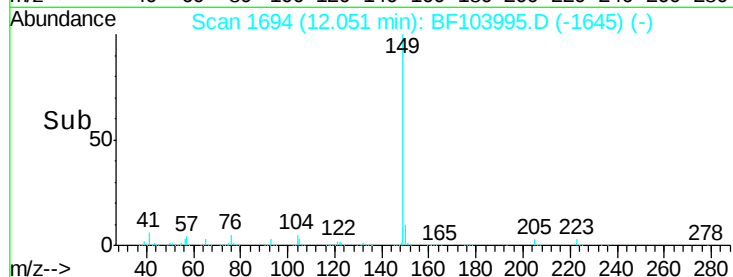
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.057 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

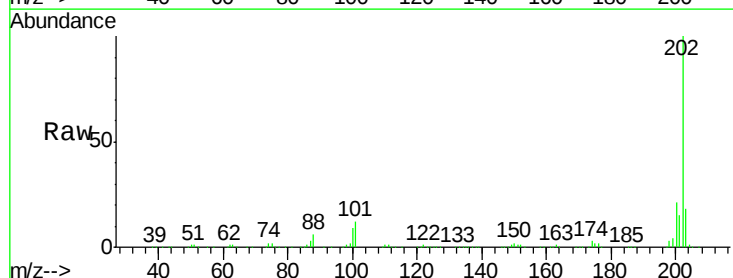
Tgt Ion:202 Resp: 739794

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

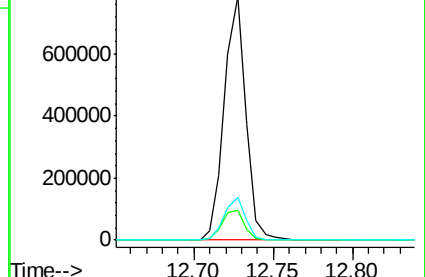
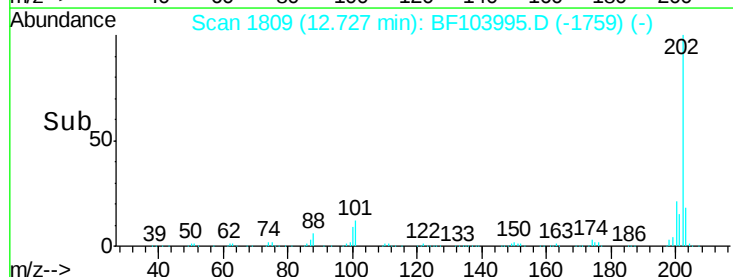
203 17.8 0.0 38.1

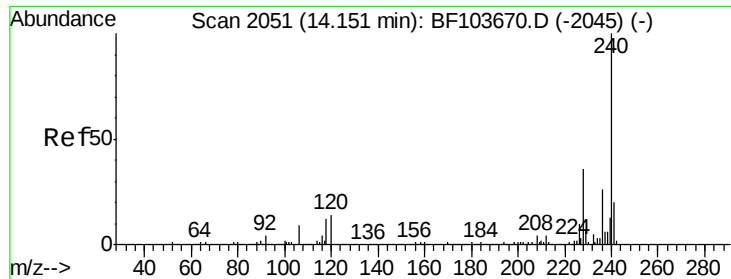


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103995.D

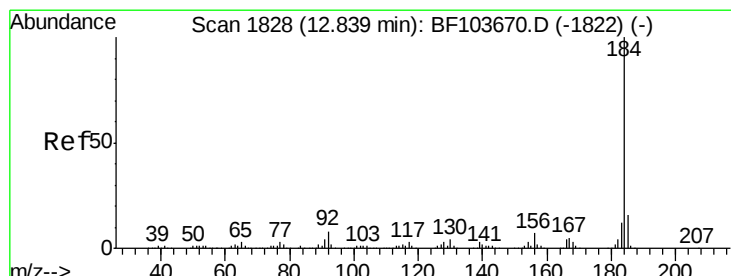
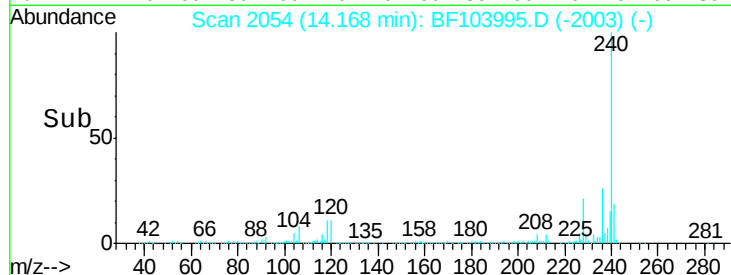
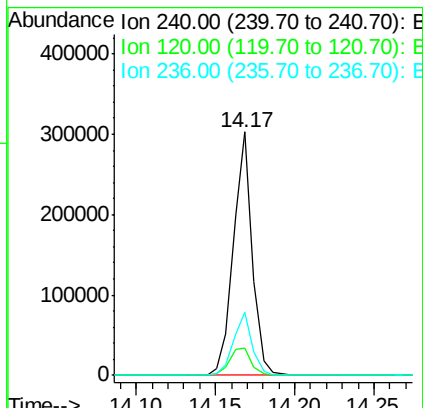
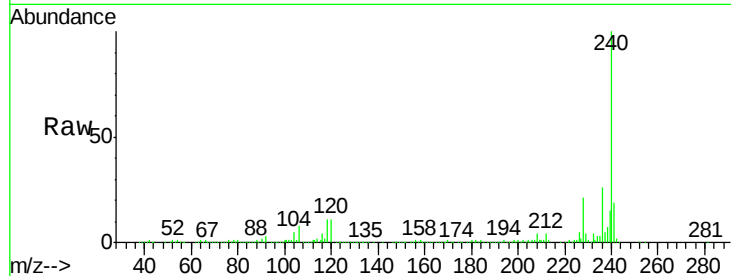
Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	240	Resp:	250057
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.0	20.7	31.1



#76

Benzidine

Concen: 35.844 ng

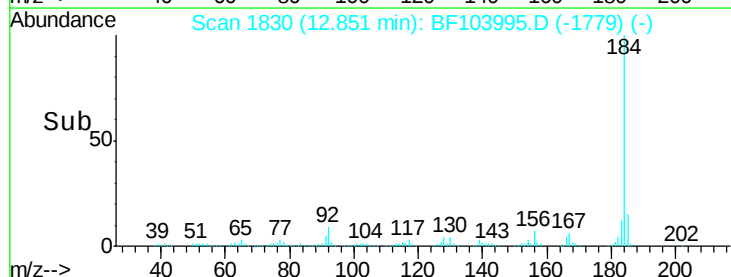
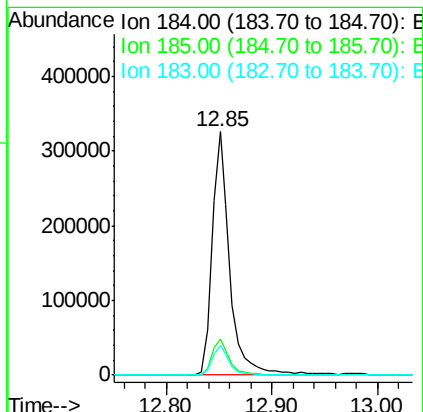
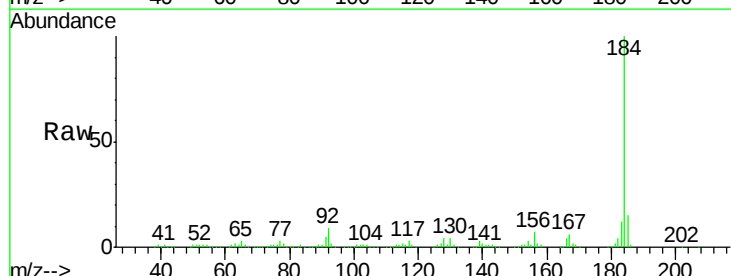
RT: 12.85 min Scan# 1830

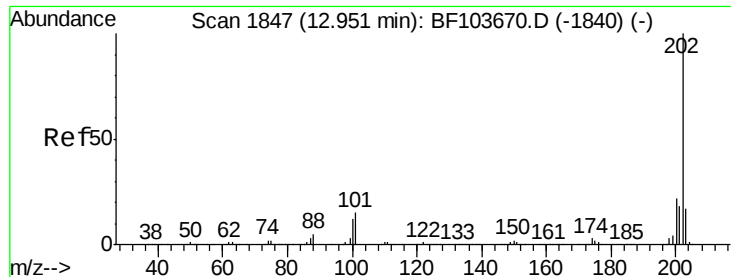
Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Tgt Ion:	184	Resp:	382276
Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	12.3	9.3	13.9





#77

Pvrene

Concen: 40.311 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

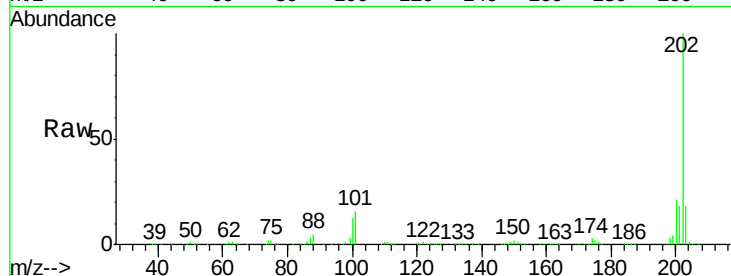
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 740270

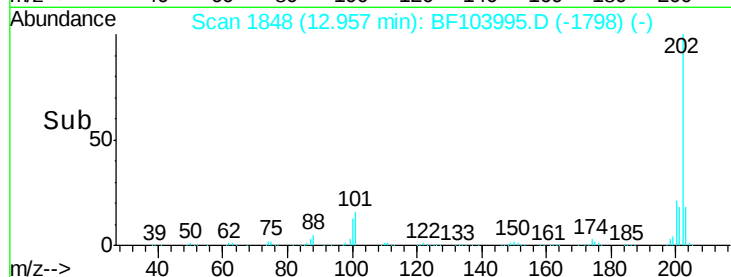
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.7	14.3	21.5



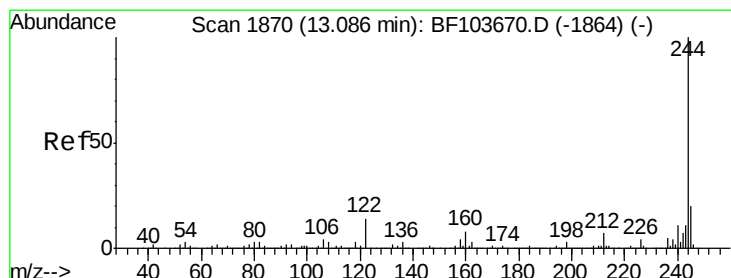
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 85.770 ng

RT: 13.09 min Scan# 1871

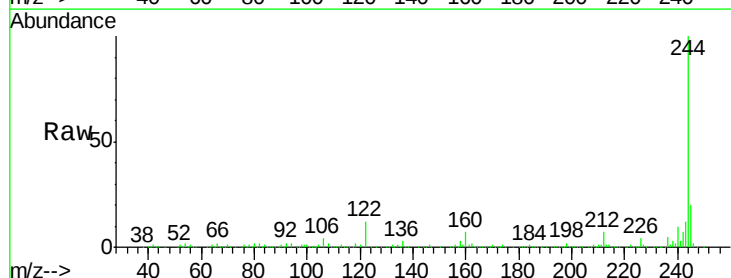
Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Tgt Ion:244 Resp: 924001

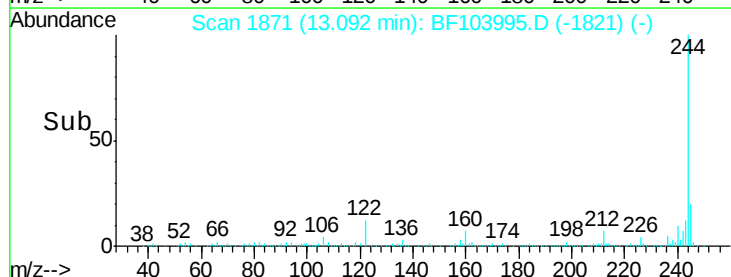
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.9	11.0	16.4



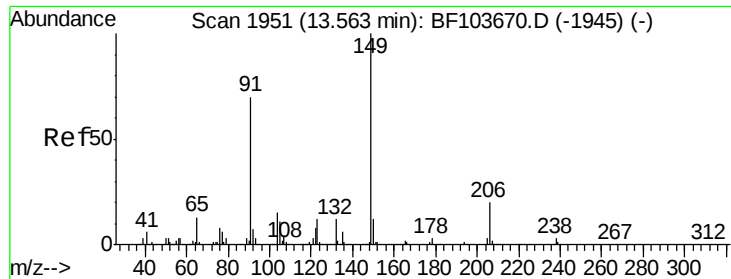
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



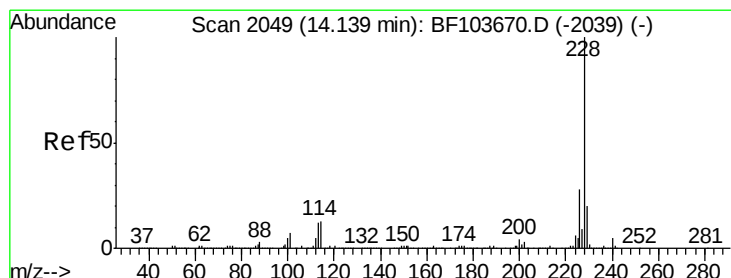
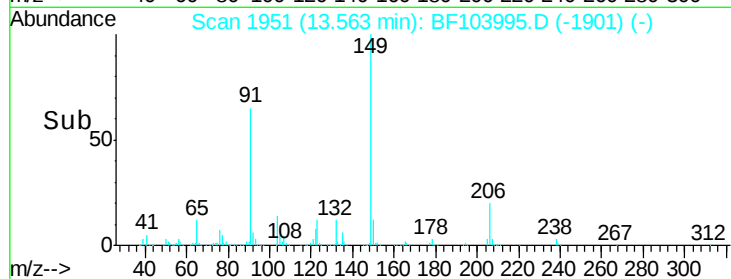
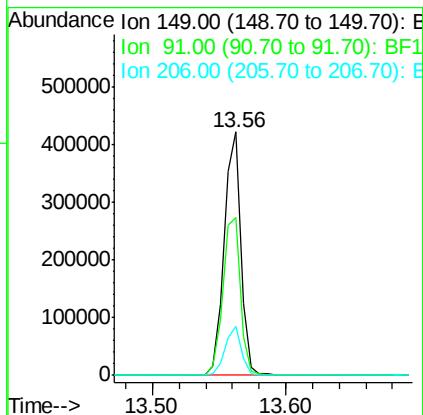
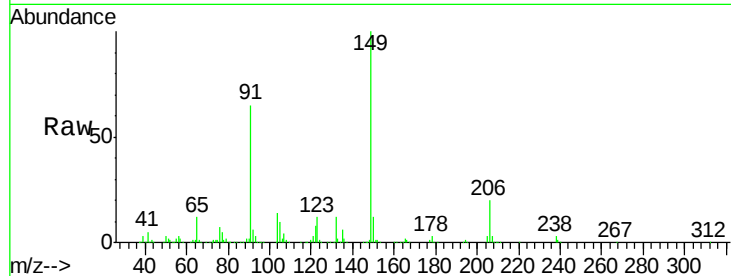
Time-->



#79
Butylbenzylphthalate
Concen: 46.291 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

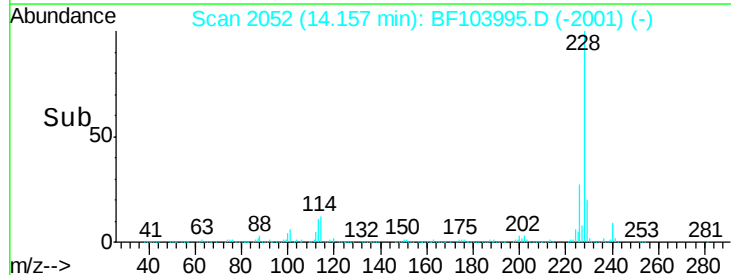
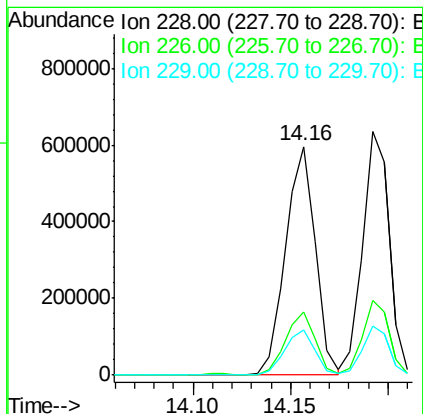
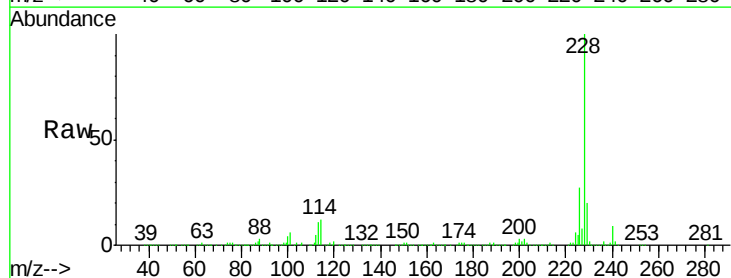
Instrument :
BNA_F
ClientSampled :

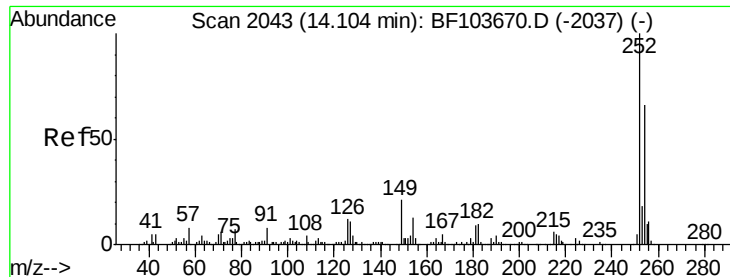
Tot Ion:149 Resp: 376634
Ion Ratio Lower Upper
149 100
91 64.7 56.8 85.2
206 20.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.750 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:228 Resp: 629189
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.5 15.8 23.6

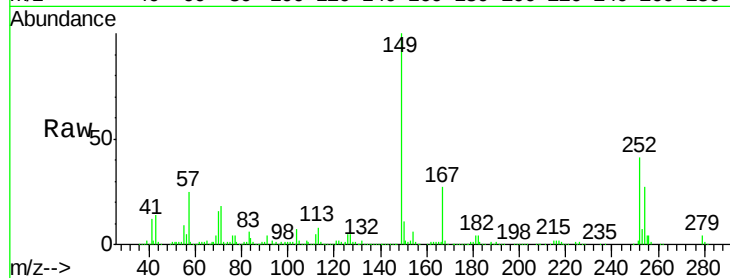




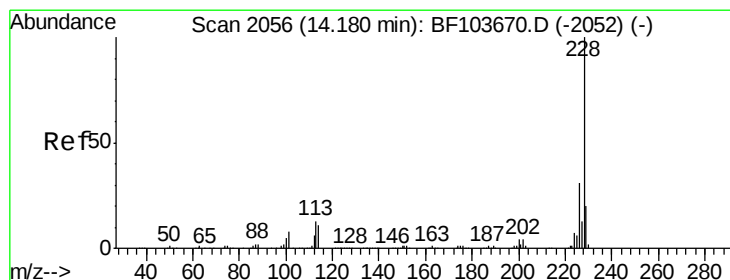
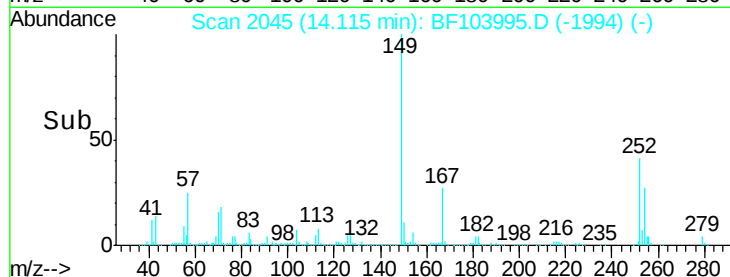
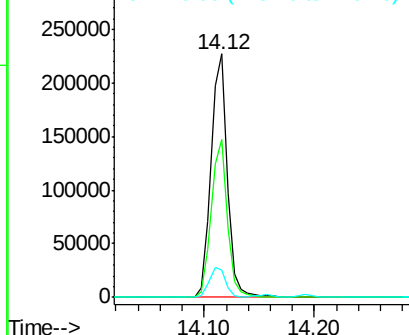
#81
 3,3'-Dichlorobenzidine
 Concen: 43.063 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 227999
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 11.4 11.3 16.9

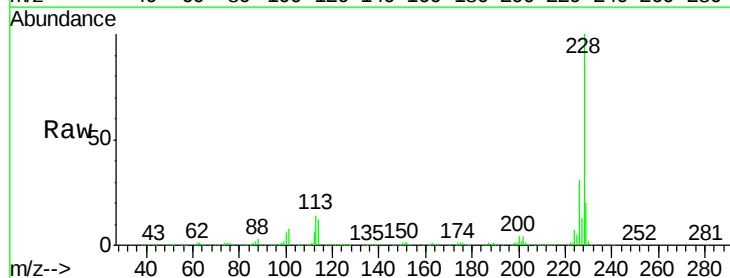


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

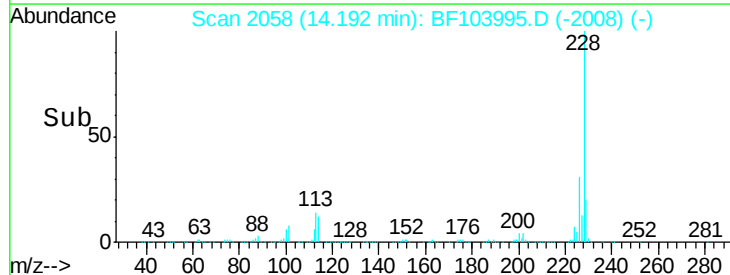
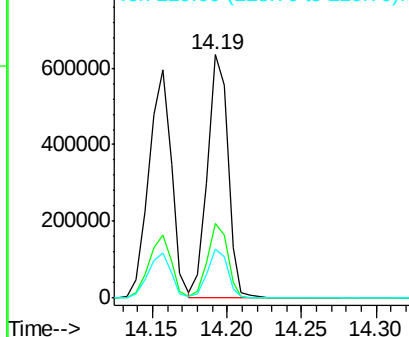


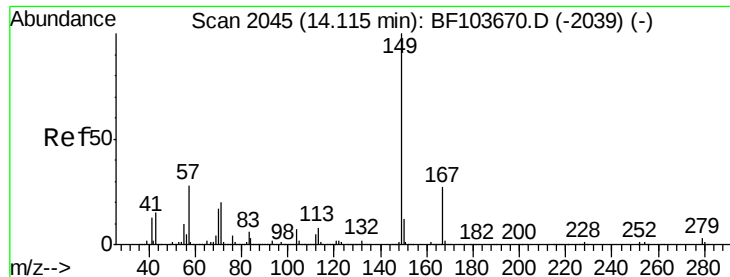
#82
 Chrysene
 Concen: 40.110 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:228 Resp: 605211
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.9 16.2 24.4



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

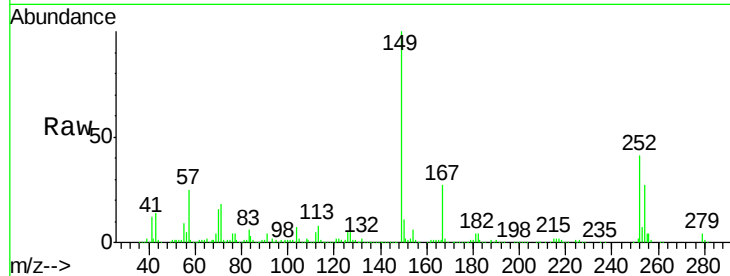




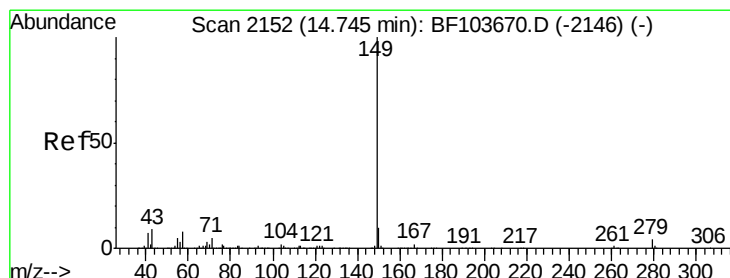
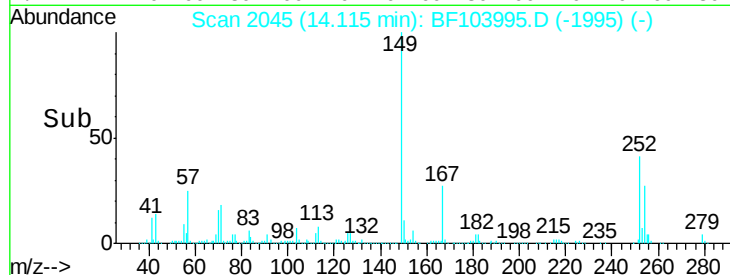
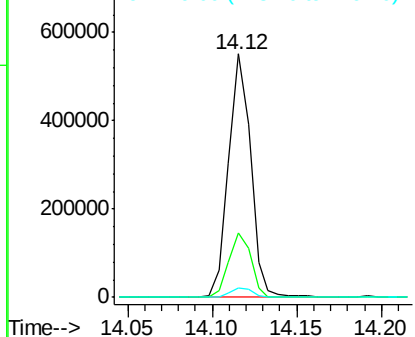
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.310 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 503409
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.6 3.0 4.4

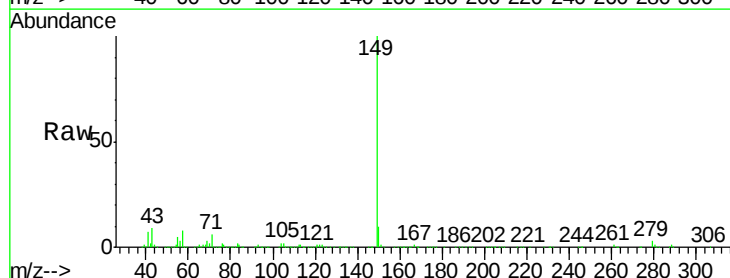


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

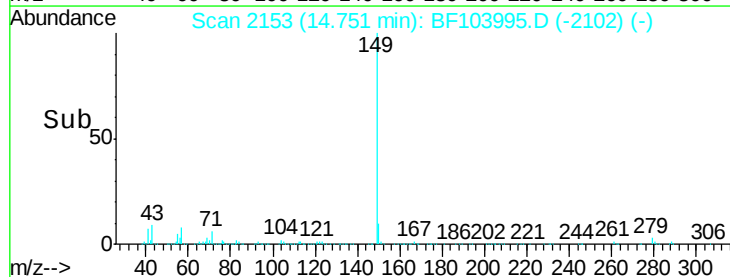
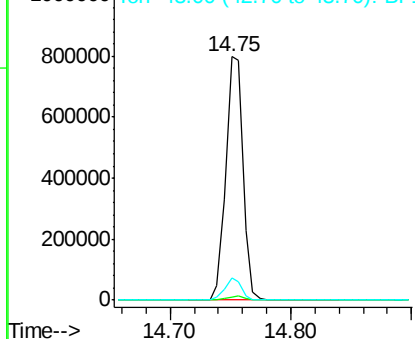


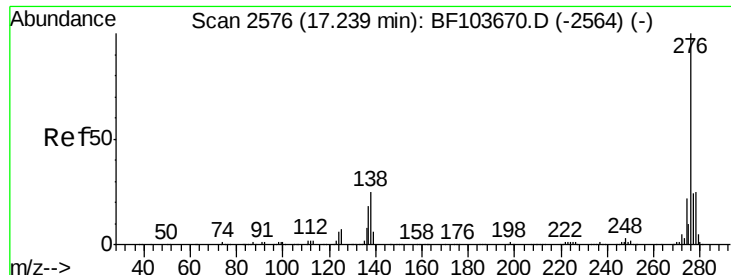
#84
 Di-n-octyl phthalate
 Concen: 46.433 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:149 Resp: 785171
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.6 8.4 12.6



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

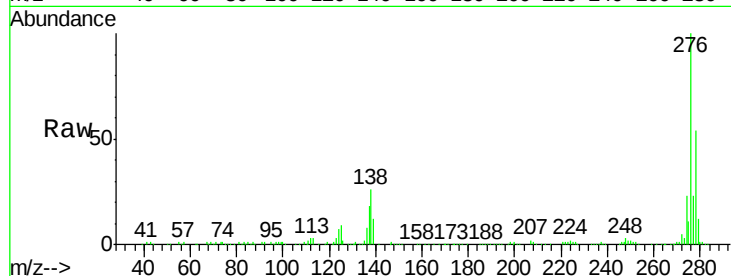




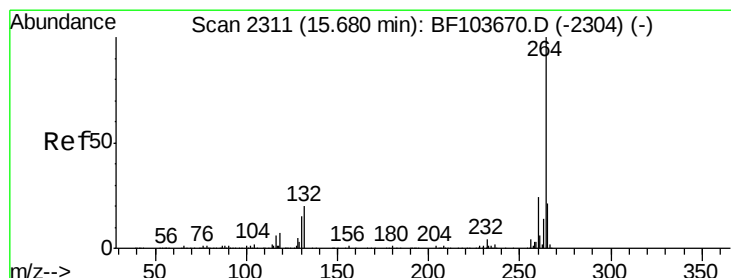
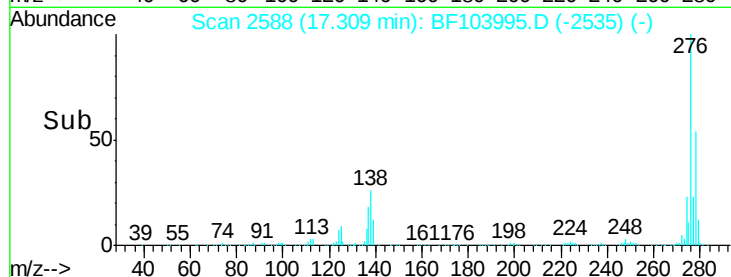
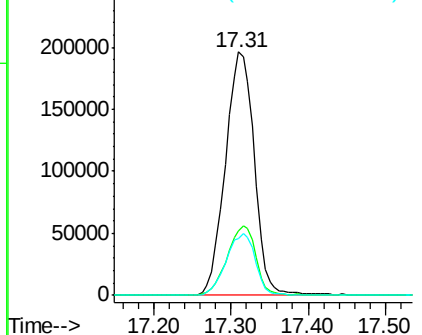
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.135 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 515673
Ion Ratio Lower Upper
276 100
138 28.3 25.0 37.6
277 25.6 20.1 30.1

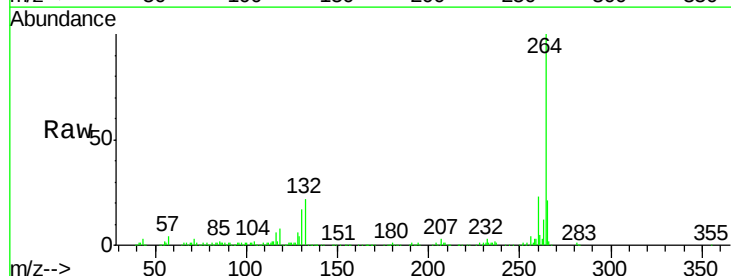


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

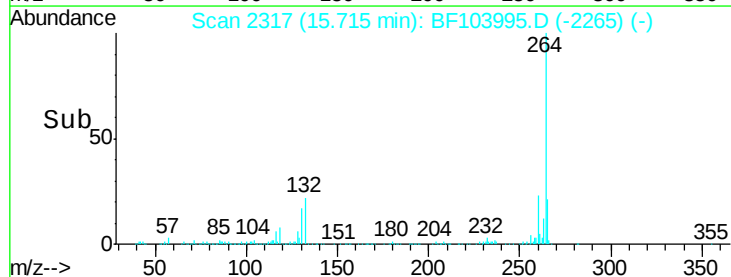
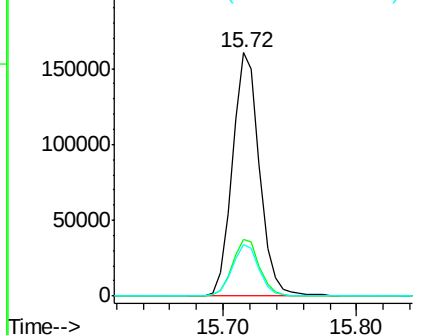


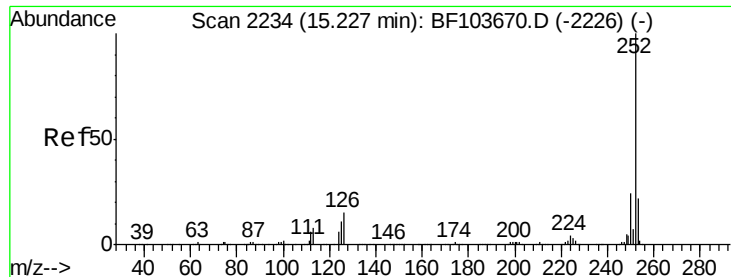
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:264 Resp: 226563
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.708 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

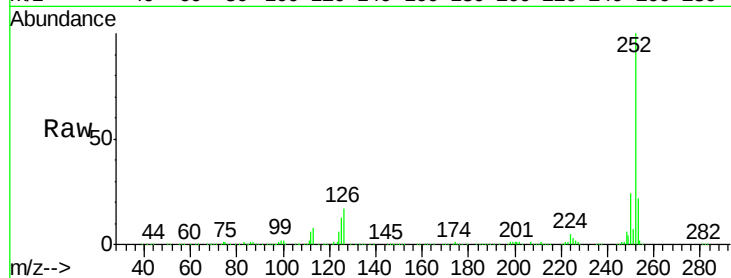
Tot Ion:252 Resp: 582682

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

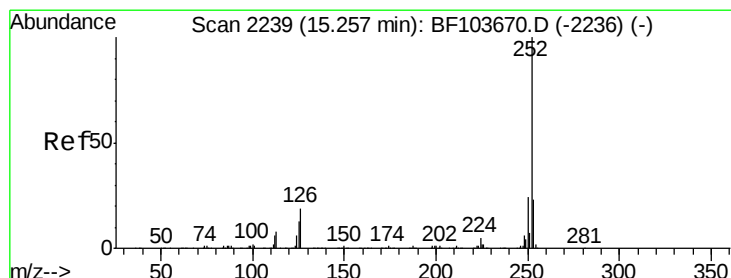
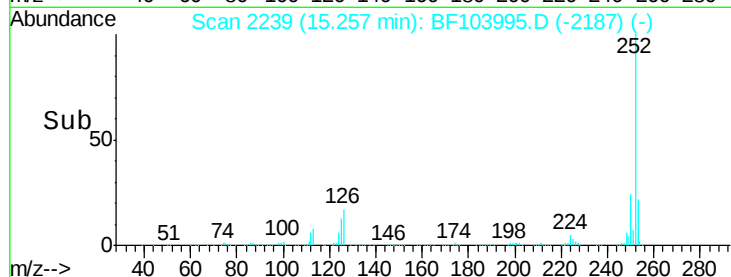
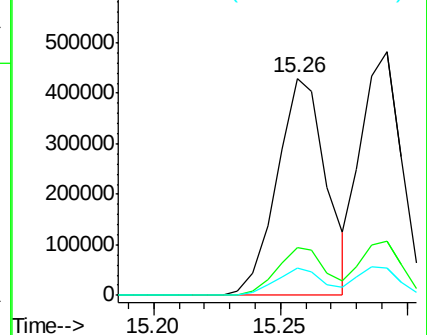
125 12.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.688 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

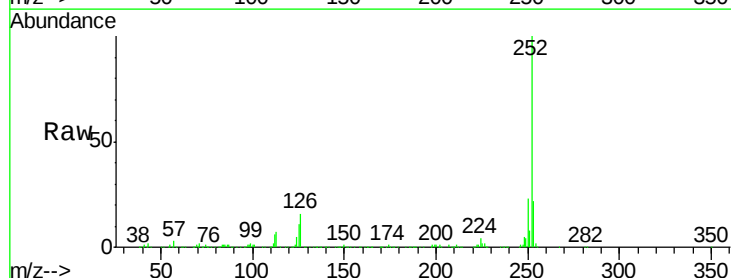
Tgt Ion:252 Resp: 546074

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

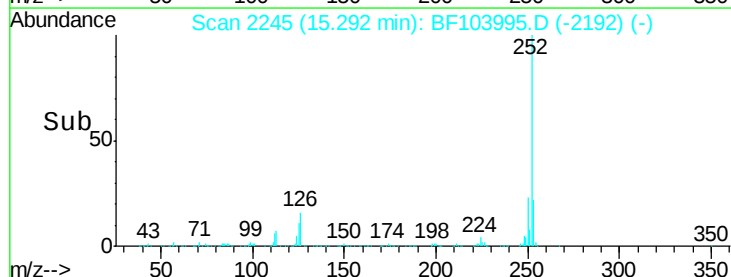
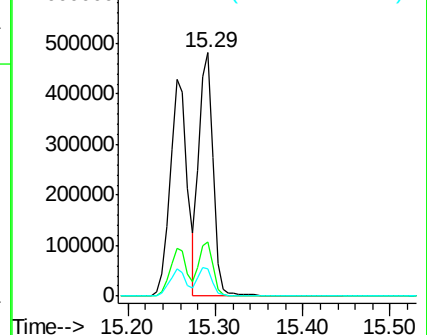
125 11.4 10.2 15.2

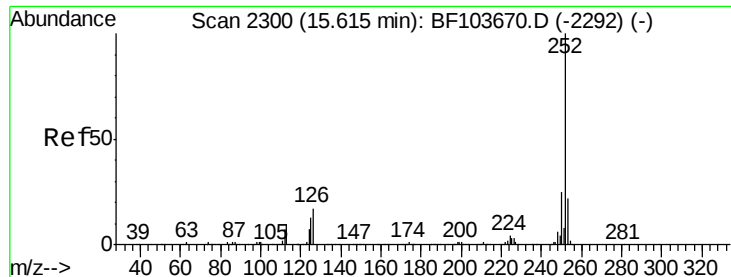


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

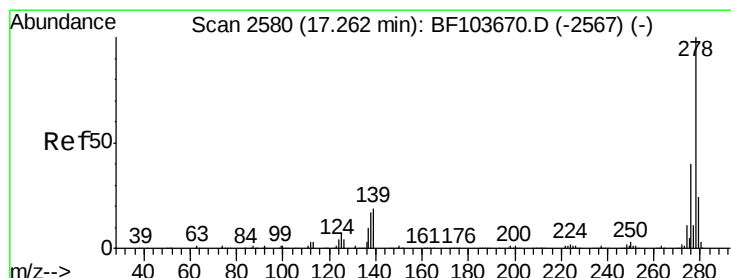
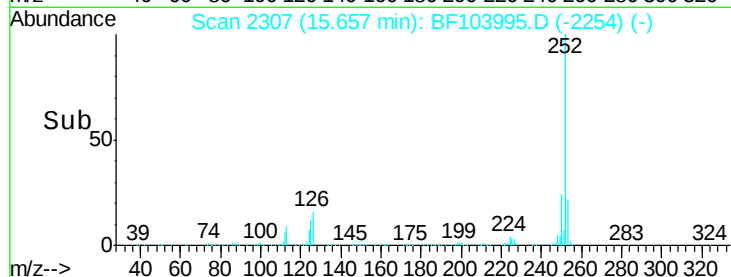
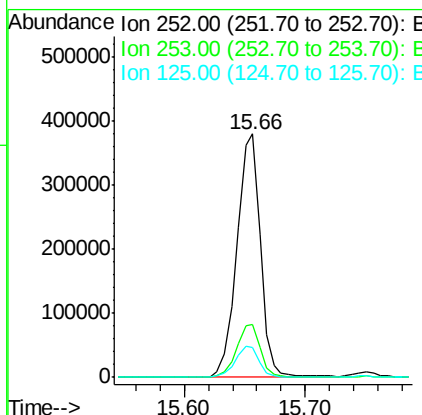
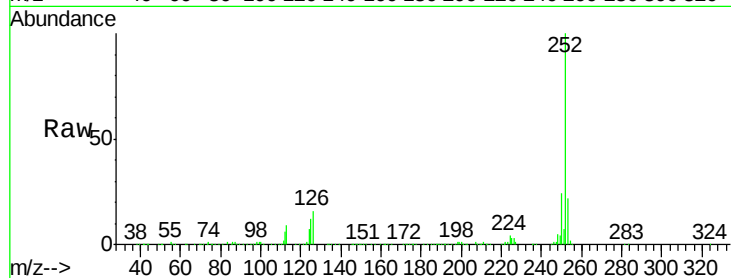




#89
Benzo(a)pyrene
Concen: 39.934 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

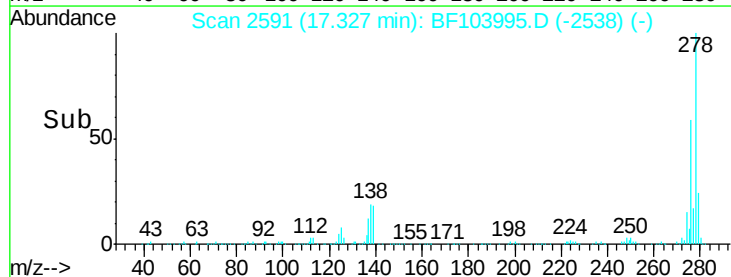
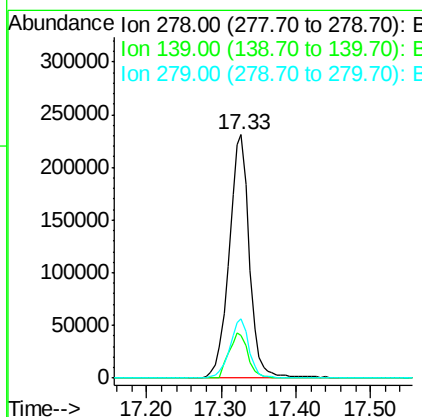
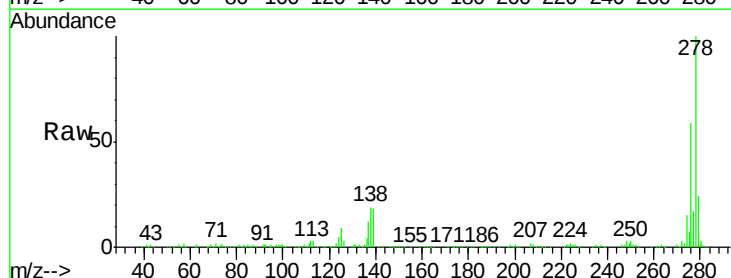
Instrument :
BNA_F
ClientSampleId :

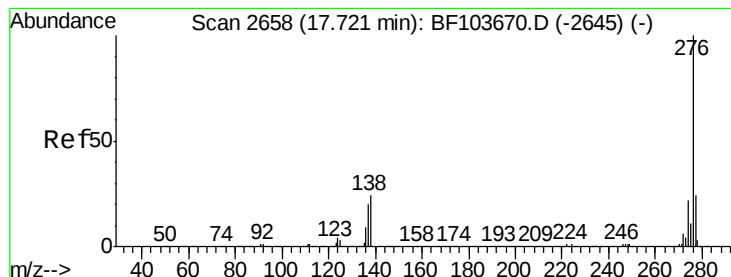
Tot Ion:252 Resp: 518447
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.934 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:278 Resp: 437685
Ion Ratio Lower Upper
278 100
139 17.7 15.9 23.9
279 24.2 19.0 28.4

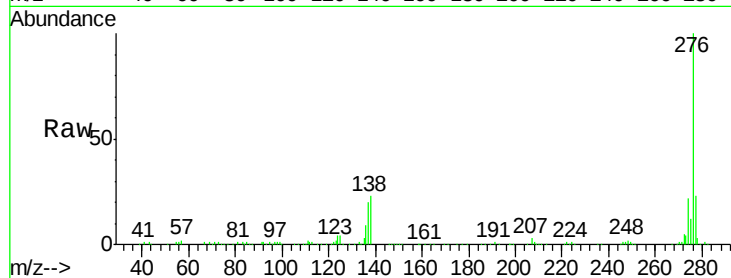




#91
 Benzo(a,h,i)perylene
 Concen: 37.419 ng
 RT: 17.80 min Scan# 2671
 Delta R.T. 0.02 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.3	21.8	32.8



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

