

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103695.D
 Acq On : 16 Mar 2018 14:38
 Operator : JU/SJ
 Sample : PB107310BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 15:54:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	169176	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	705743	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	336733	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	610957	20.00	ng	0.00
75) Chrysene-d12	14.15	240	496998	20.00	ng	0.00
86) Perylene-d12	15.67	264	421309	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	828709	74.51	ng	0.01
7) Phenol-d6	6.59	99	1024888	75.32	ng	0.00
23) Nitrobenzene-d5	7.53	82	871271	86.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	246223	85.04	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1524977	72.24	ng	0.00
78) Terphenyl-d14	13.09	244	1450612	67.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.91	88	167753	30.629	ng	93
3) Pyridine	3.66	79	475287	31.551	ng	90
4) n-Nitrosodimethylamine	3.62	42	203755	36.683	ng	93
6) Aniline	6.63	93	408161	21.006	ng	97
8) 2-Chlorophenol	6.75	128	434317	37.275	ng	95
9) Benzaldehyde	6.52	77	190038	21.257	ng	99
10) Phenol	6.60	94	539164	37.287	ng	95
11) bis(2-Chloroethyl)ether	6.70	93	418668	35.073	ng	96
12) 1,3-Dichlorobenzene	6.91	146	443198	33.397	ng	99
13) 1,4-Dichlorobenzene	6.99	146	443546	33.261	ng	98
14) 1,2-Dichlorobenzene	7.14	146	419071	33.866	ng	98
15) Benzyl Alcohol	7.10	79	379938	36.035	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	581394	34.244	ng	96
17) 2-Methylphenol	7.20	107	363300	35.013	ng	99
18) Hexachloroethane	7.48	117	166486	35.493	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	295821	33.921	ng	95
20) 3+4-Methylphenols	7.36	107	457977	34.779	ng	100
22) Acetophenone	7.37	105	585147	32.261	ng	# 94
24) Nitrobenzene	7.55	77	458206	38.566	ng	98
25) Isophorone	7.78	82	853977	36.452	ng	97
26) 2-Nitrophenol	7.86	139	212396	47.186	ng	97
27) 2,4-Dimethylphenol	7.89	122	413228	41.173	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	539033	37.997	ng	99
29) 2,4-Dichlorophenol	8.10	162	353160	38.677	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	361676	34.151	ng	98
31) Naphthalene	8.27	128	1218015	34.165	ng	99
32) Benzoic acid	7.97	122	100136	21.127	ng	98
33) 4-Chloroaniline	8.31	127	187358	12.527	ng	99
34) Hexachlorobutadiene	8.38	225	188171	32.407	ng	98
35) Caprolactam	8.72	113	50137	15.946	ng	95
36) 4-Chloro-3-methylphenol	8.79	107	389351	38.679	ng	99
37) 2-Methylnaphthalene	8.96	142	810456	35.848	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	316225	32.917	ng	97
40) Hexachlorocyclopentadiene	9.12	237	377676	76.190	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

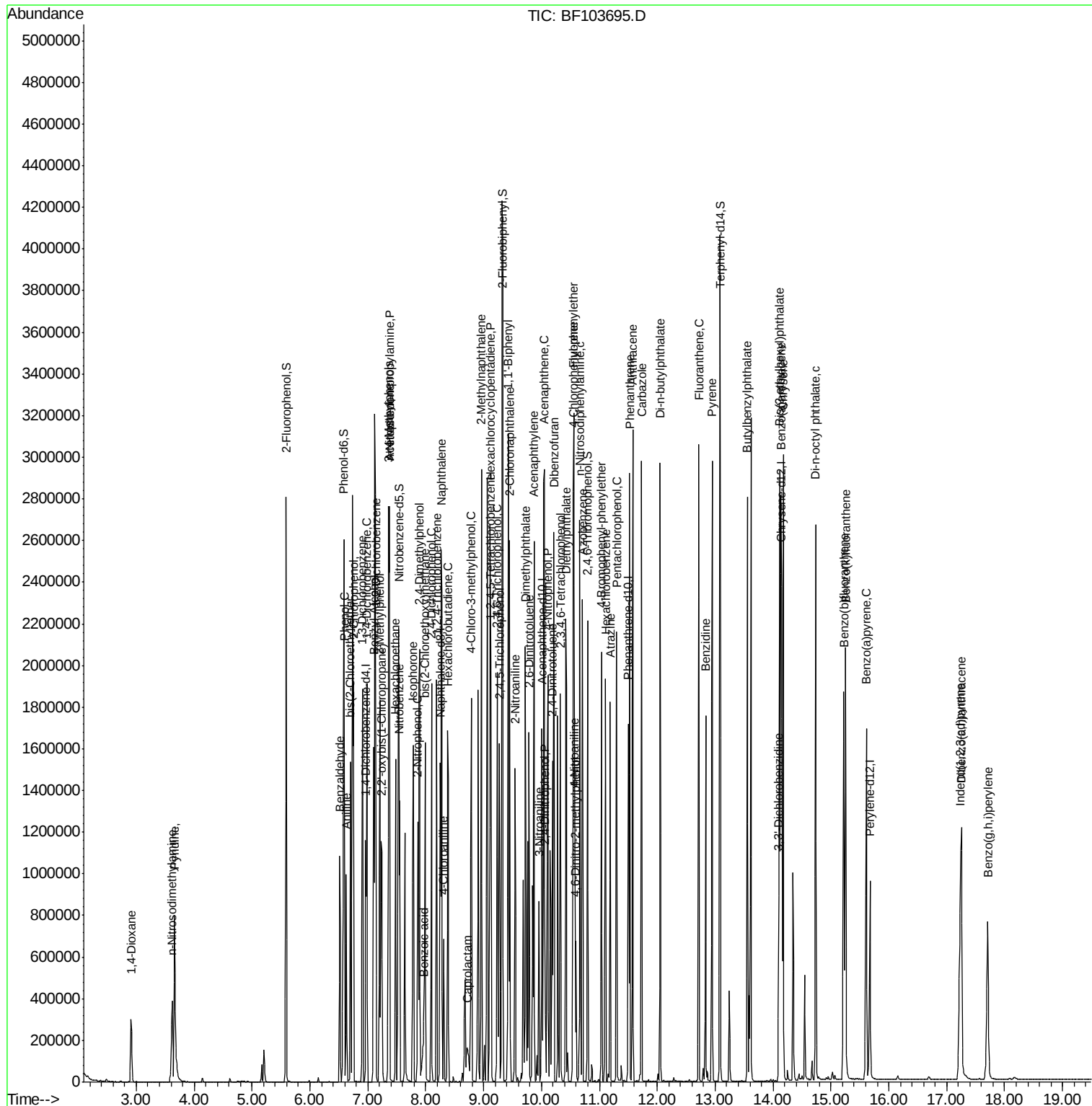
42) 2,4,6-Trichlorophenol	9.23	196	241609	39.320	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	258543	37.279	nq	96
45) 1,1'-Biphenyl	9.43	154	930156	33.127	nq	99
46) 2-Chloronaphthalene	9.45	162	742376	33.288	nq	100
47) 2-Nitroaniline	9.55	65	237510	41.745	nq	95
48) Acenaphthylene	9.87	152	1144240	33.087	nq	99
49) Dimethylphthalate	9.72	163	888040	34.566	nq	99
50) 2,6-Dinitrotoluene	9.79	165	194640	39.898	nq	96
51) Acenaphthene	10.05	154	716658	34.900	nq	99
52) 3-Nitroaniline	9.96	138	137915	25.129	nq	94
53) 2,4-Dinitrophenol	10.06	184	79642	62.472	nq	# 23
54) Dibenzofuran	10.22	168	1024146	34.921	nq	98
55) 4-Nitrophenol	10.11	139	357060	76.167	nq	98
56) 2,4-Dinitrotoluene	10.19	165	266231	43.024	nq	97
57) Fluorene	10.56	166	785810	34.530	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	205104	41.736	nq	98
59) Diethylphthalate	10.42	149	867183	34.009	nq	99
60) 4-Chlorophenyl-phenylether	10.55	204	361573	34.765	nq	98
61) 4-Nitroaniline	10.57	138	220317	39.180	nq	98
62) Azobenzene	10.71	77	893796	34.477	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	79596	39.276	nq	78
65) n-Nitrosodiphenylamine	10.67	169	717527	34.503	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	220642	35.174	nq	92
67) Hexachlorobenzene	11.10	284	242734	33.904	nq	93
68) Atrazine	11.19	200	229472	35.671	nq	98
69) Pentachlorophenol	11.30	266	241438	58.657	nq	97
70) Phenanthrene	11.52	178	1139410	34.093	nq	99
71) Anthracene	11.57	178	1193244	35.153	nq	99
72) Carbazole	11.73	167	1107652	33.573	nq	99
73) Di-n-butylphthalate	12.05	149	1363467	34.443	nq	99
74) Fluoranthene	12.72	202	1200195	34.858	nq	99
76) Benzidine	12.83	184	546421	25.778	nq	98
77) Pyrene	12.95	202	1221717	33.472	nq	100
79) Butylbenzylphthalate	13.56	149	592922	36.666	nq	97
80) Benzo(a)anthracene	14.14	228	1102698	35.051	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	163624	15.549	nq	97
82) Chrysene	14.17	228	1023881	34.142	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	834382	36.118	nq	# 99
84) Di-n-octyl phthalate	14.74	149	1383490	41.164	nq	97
85) Indeno(1,2,3-cd)pyrene	17.23	276	821118	31.353	nq	97
87) Benzo(b)fluoranthene	15.22	252	959838	36.061	nq	98
88) Benzo(k)fluoranthene	15.26	252	968748	37.862	nq	97
89) Benzo(a)pyrene	15.61	252	893643	37.016	nq	97
90) Dibenzo(a,h)anthracene	17.26	278	685838	32.808	nq	98
91) Benzo(g,h,i)perylene	17.71	276	668998	32.896	nq	96

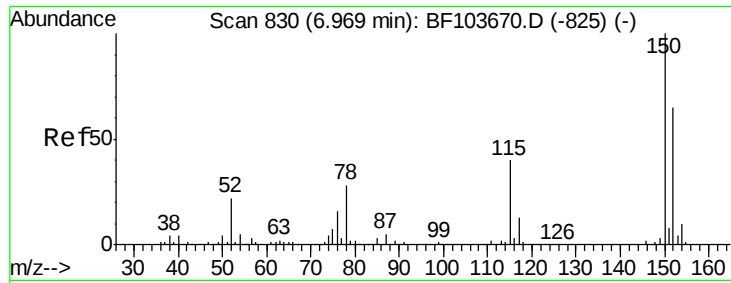
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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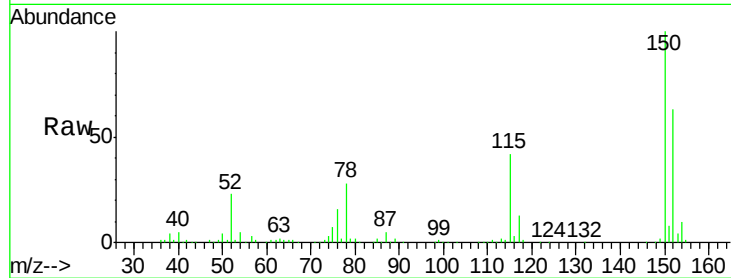


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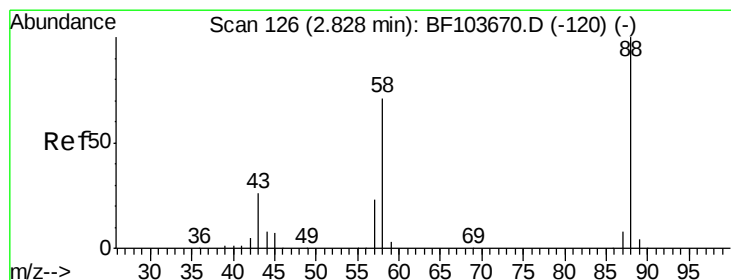
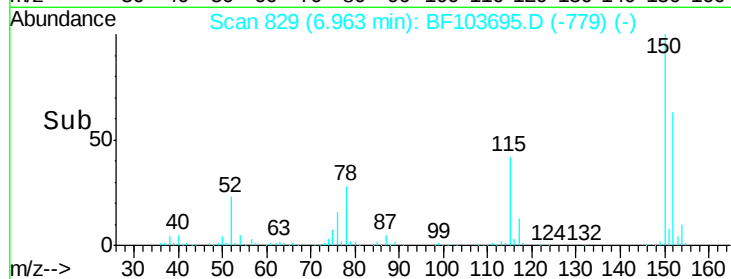
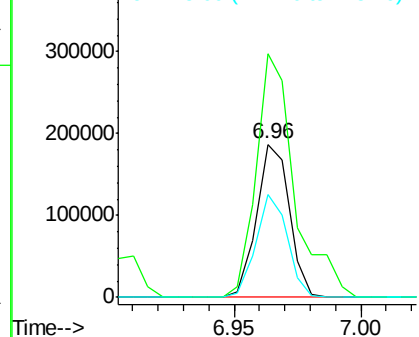
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169176
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 66.8 50.1 75.1



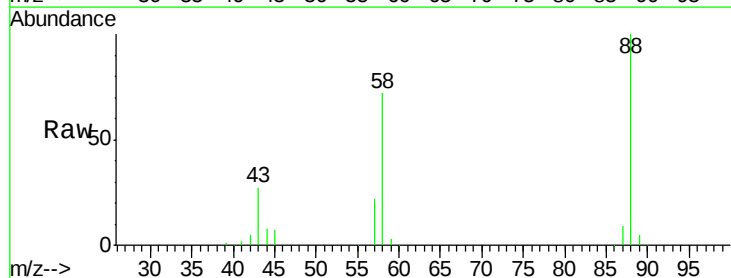
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



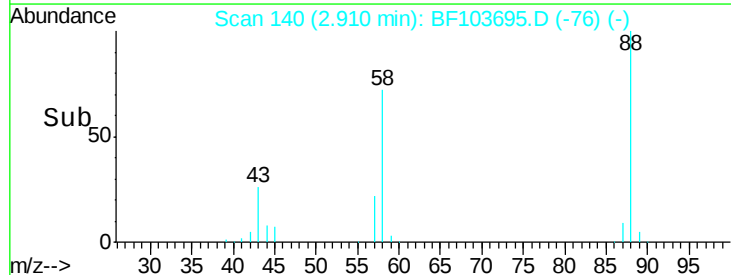
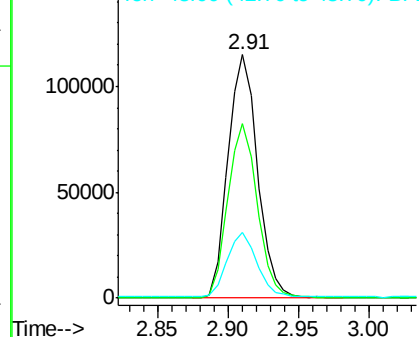
#2

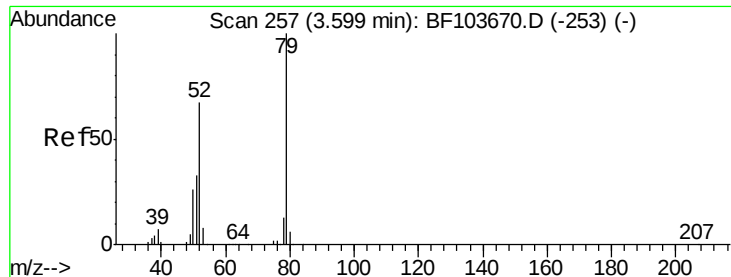
1,4-Dioxane
Concen: 30.629 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.08 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion: 88 Resp: 167753
Ion Ratio Lower Upper
88 100
58 71.9 62.6 93.8
43 26.5 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: 31.551 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.05 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

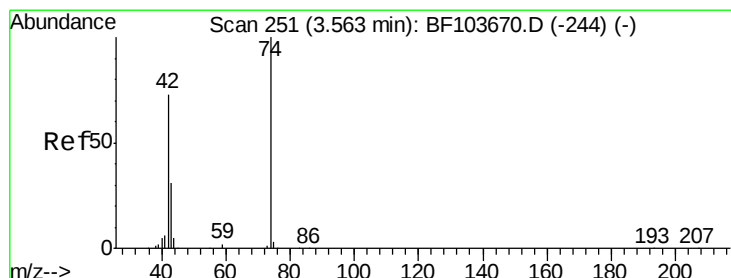
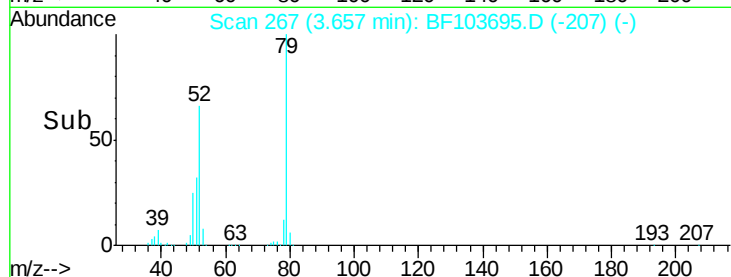
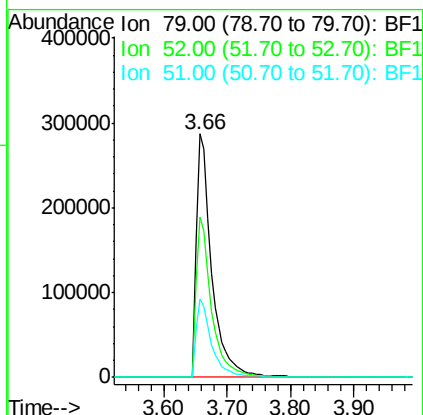
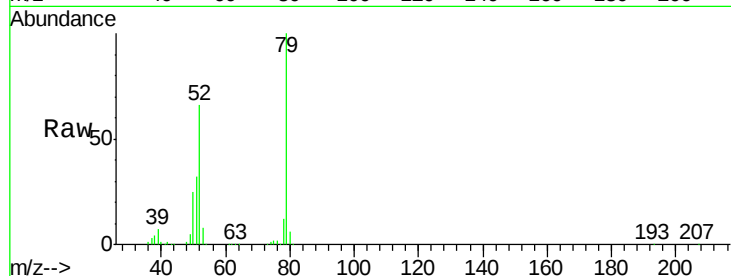
Tot Ion: 79 Resp: 475287

Ion Ratio Lower Upper

79 100

52 66.0 59.8 89.6

51 32.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.683 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.05 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

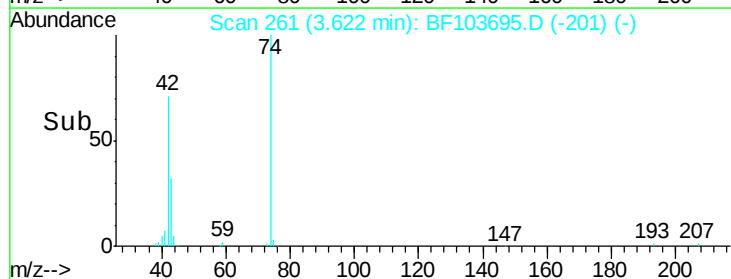
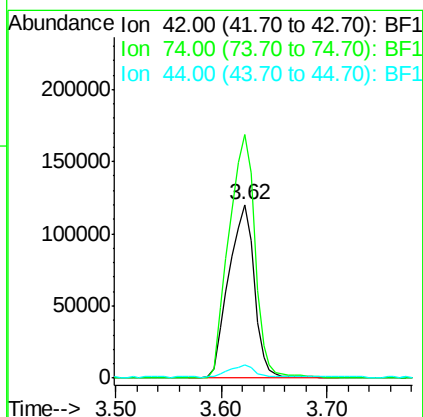
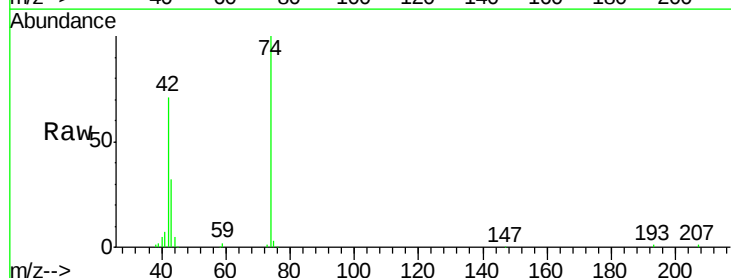
Tgt Ion: 42 Resp: 203755

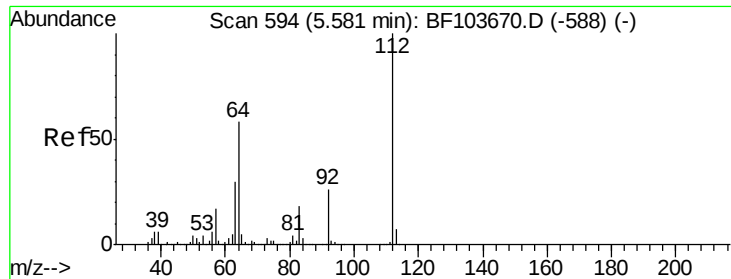
Ion Ratio Lower Upper

42 100

74 140.2 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 74.506 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

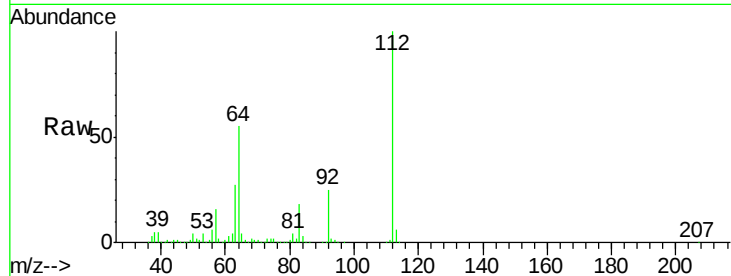
Tot Ion:112 Resp: 828709

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

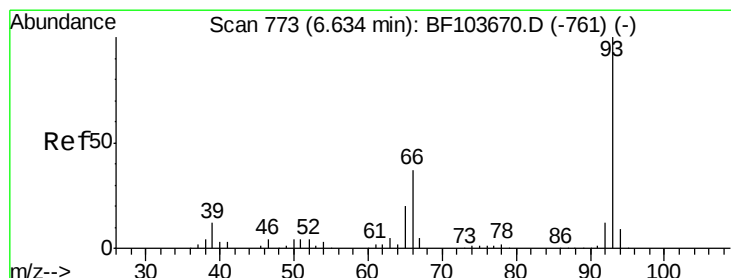
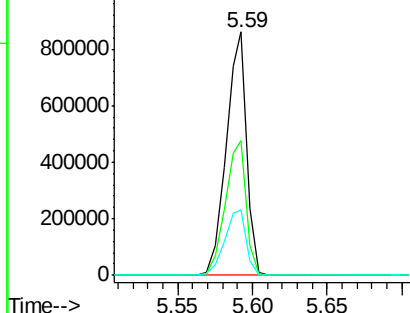
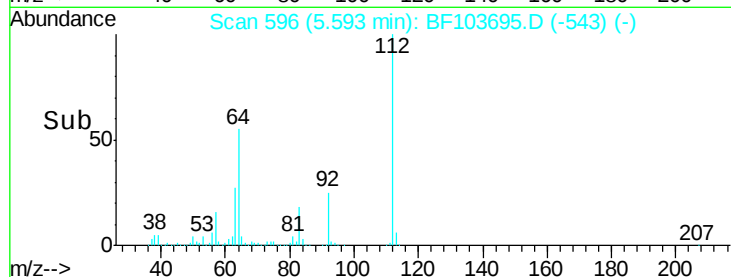
63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.006 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

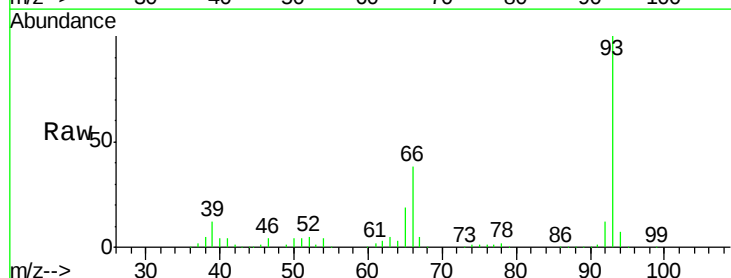
Tgt Ion: 93 Resp: 408161

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

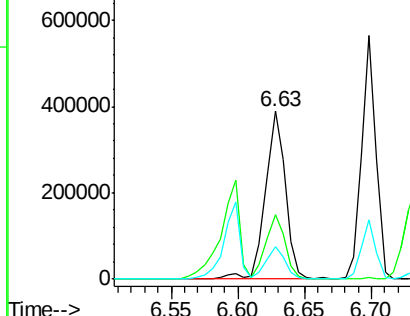
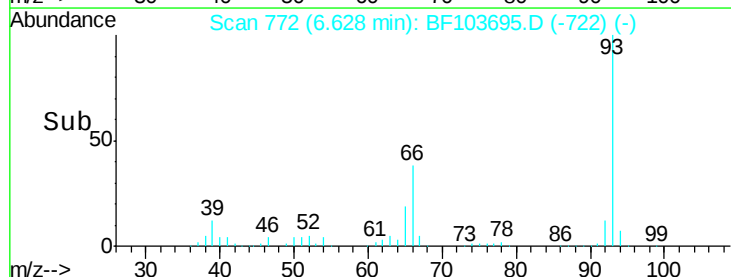
65 19.4 16.4 24.6

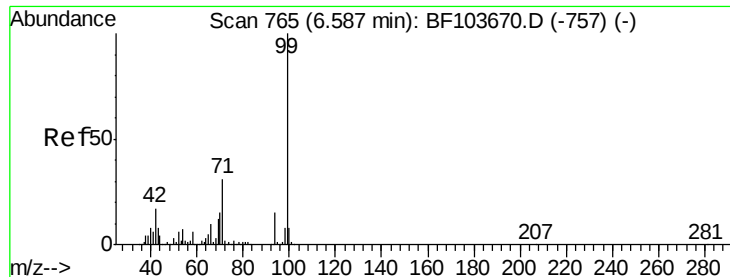


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.316 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

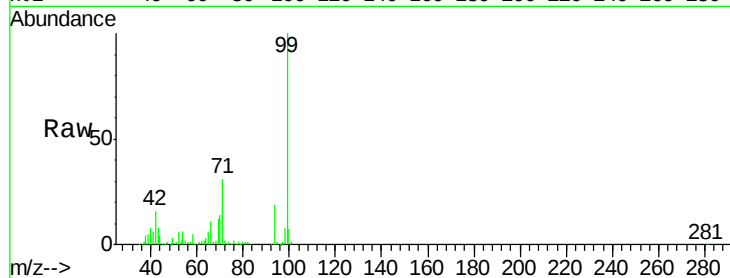
Tot Ion: 99 Resp: 1024888

Ion Ratio Lower Upper

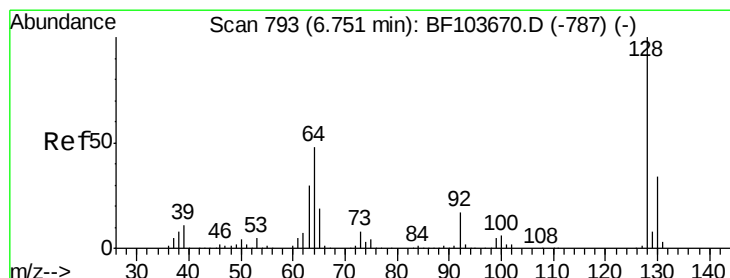
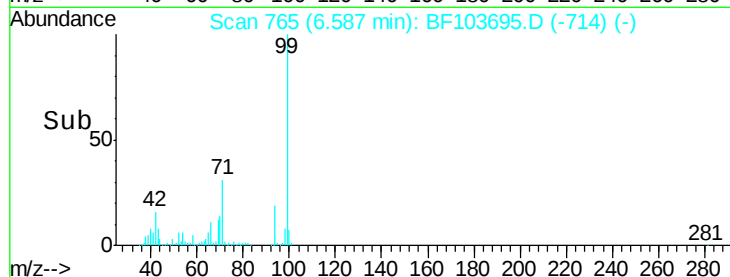
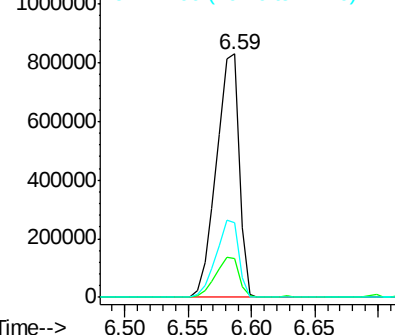
99 100

42 16.0 14.5 21.7

71 30.8 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



#8

2-Chlorophenol

Concen: 37.275 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

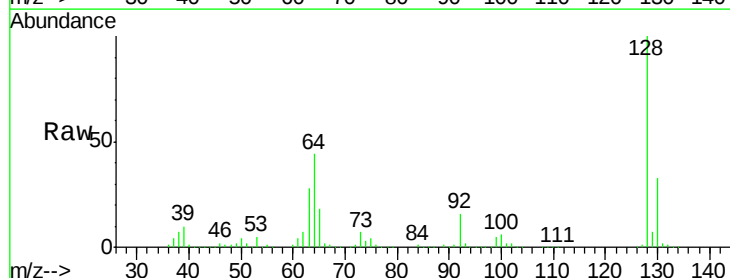
Tgt Ion: 128 Resp: 434317

Ion Ratio Lower Upper

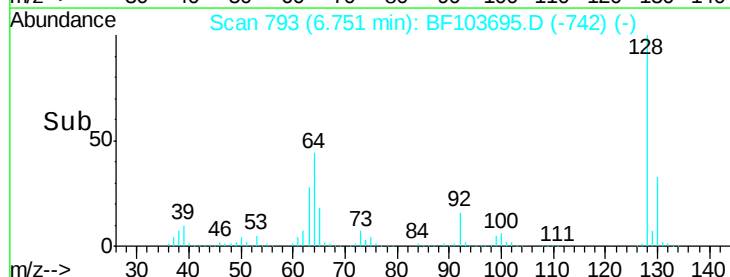
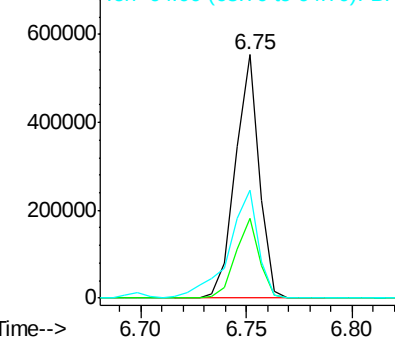
128 100

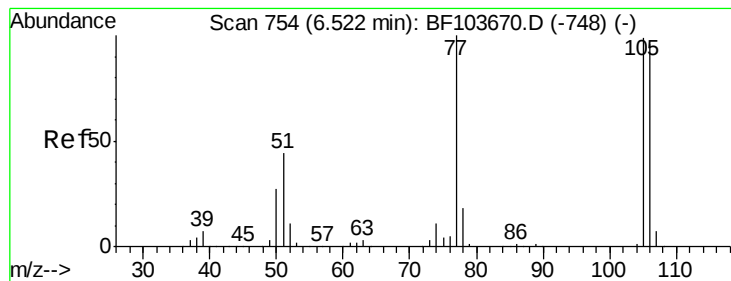
130 32.9 13.0 53.0

64 44.3 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





#9

Benzaldehyde

Concen: 21.257 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

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ClientSampleId :

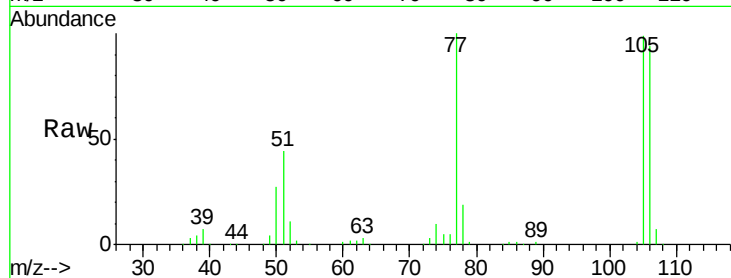
Tot Ion: 77 Resp: 190038

Ion Ratio Lower Upper

77 100

105 98.8 81.1 121.1

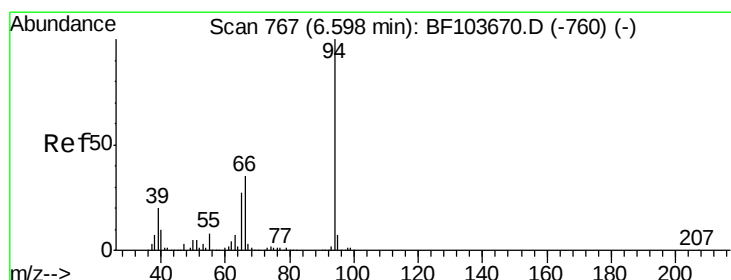
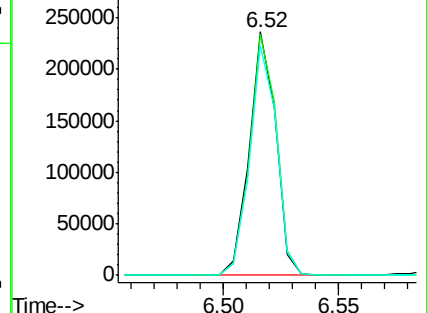
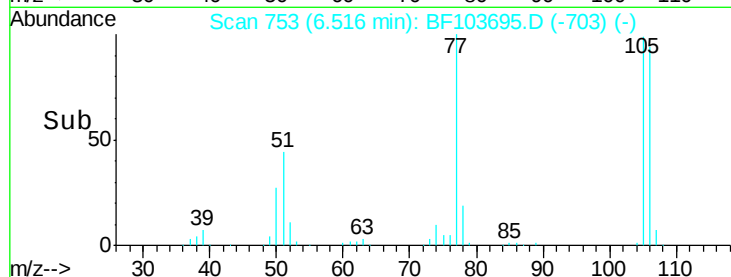
106 94.0 74.5 114.5



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: 37.287 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

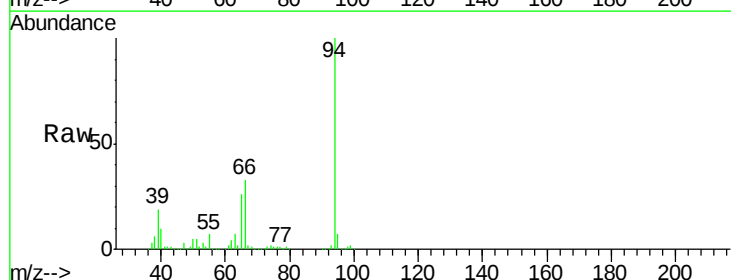
Tgt Ion: 94 Resp: 539164

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

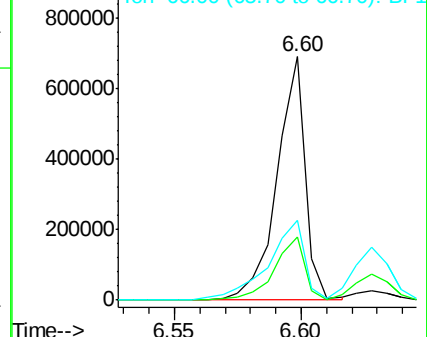
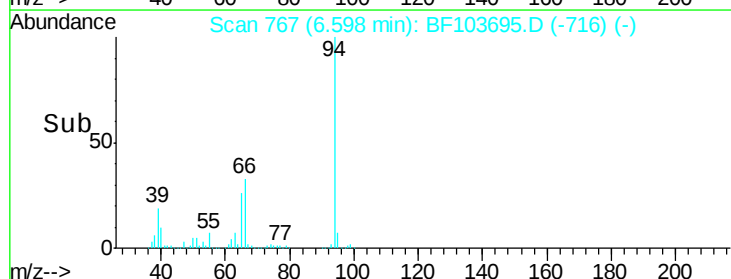
66 33.0 16.2 56.2

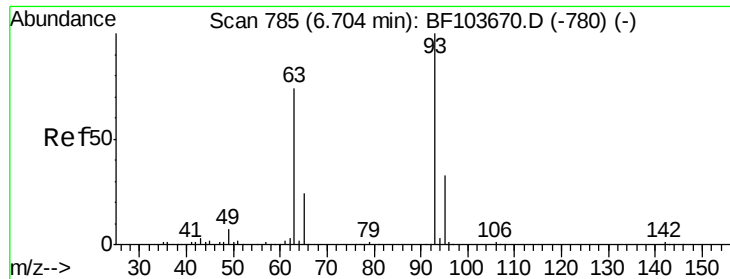


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

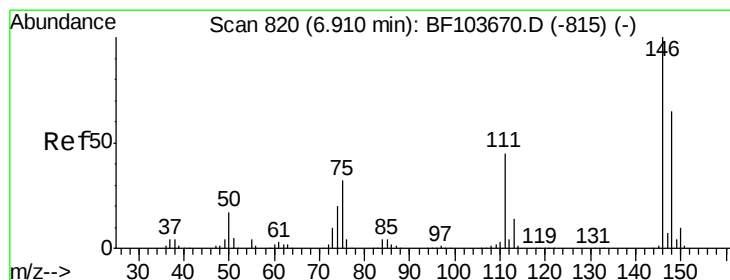
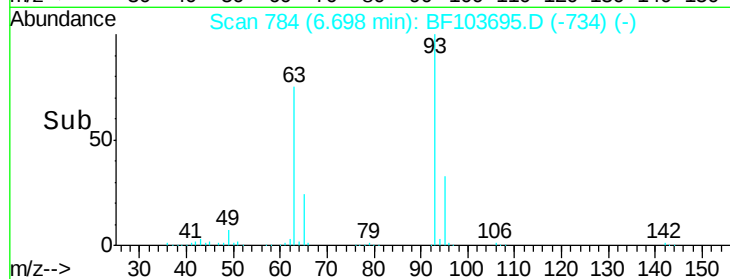
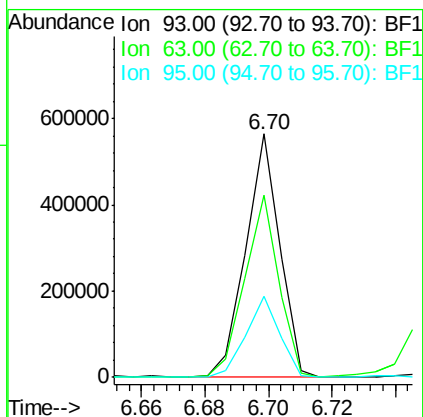
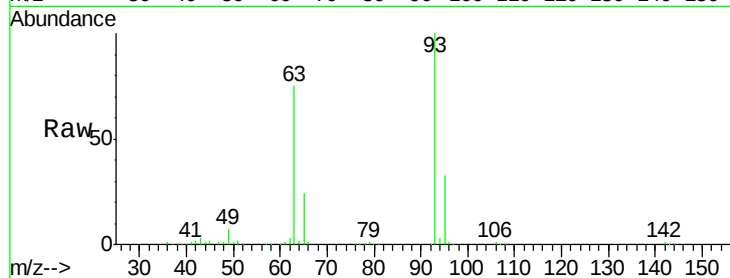




#11
 bis(2-Chloroethyl)ether
 Concen: 35.073 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

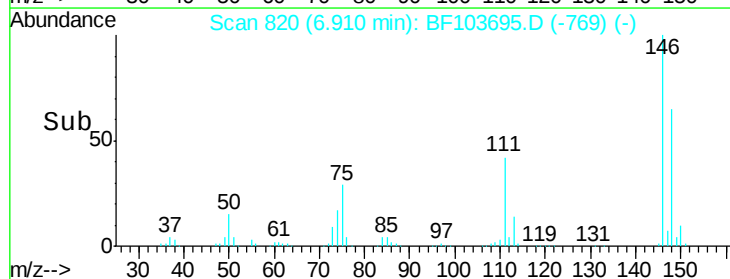
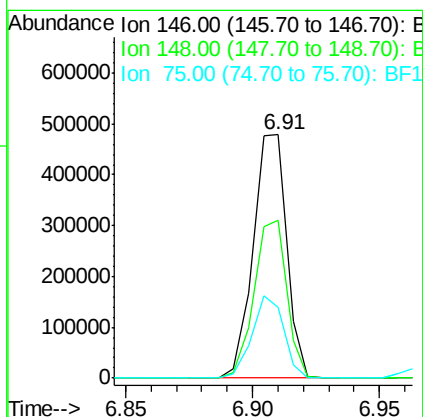
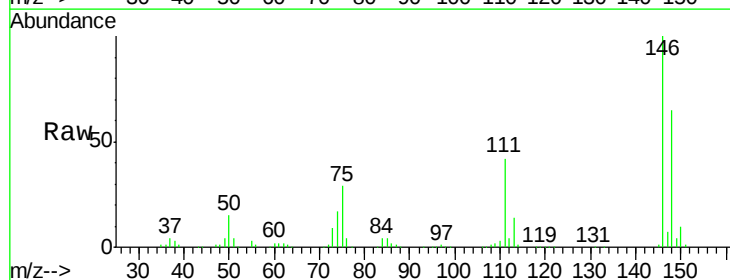
Instrument :
 BNA_F
 ClientSampleId :

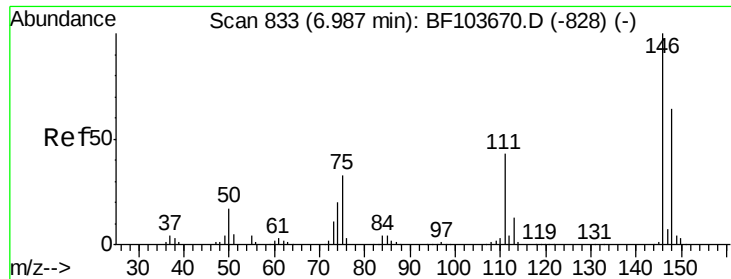
Tot Ion: 93 Resp: 418668
 Ion Ratio Lower Upper
 93 100
 63 74.7 58.6 98.6
 95 33.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 33.397 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion: 146 Resp: 443198
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.8
 75 29.2 24.2 36.4

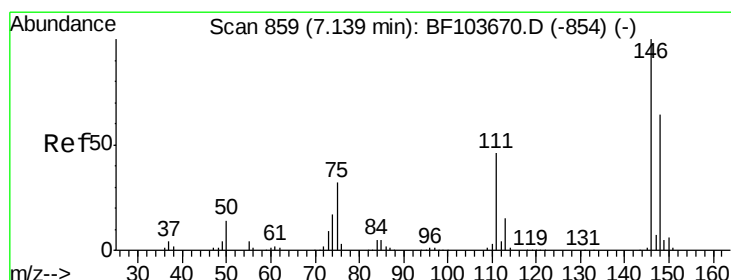
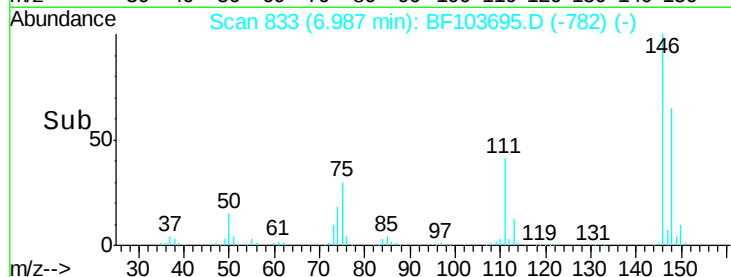
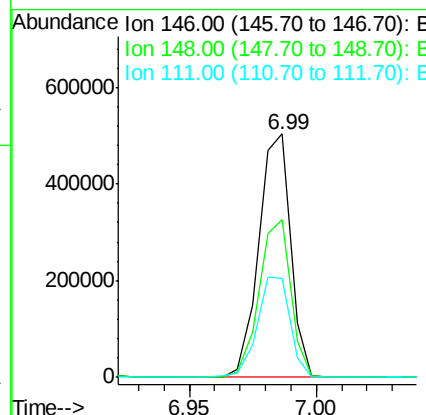
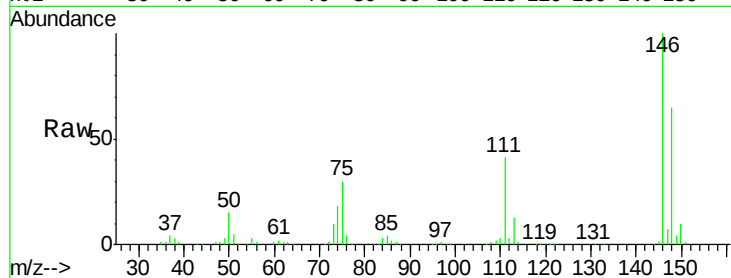




#13
 1,4-Dichlorobenzene
 Concen: 33.261 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

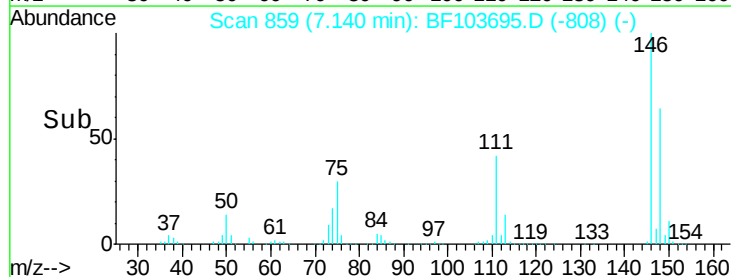
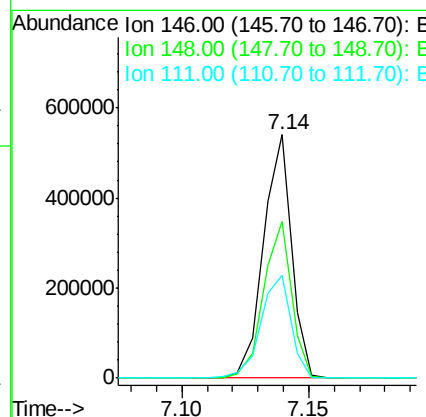
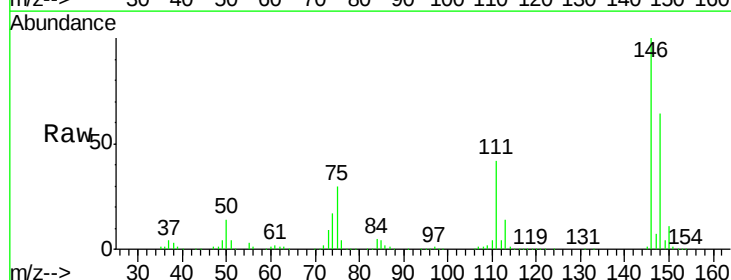
Instrument :
 BNA_F
 ClientSampleId :

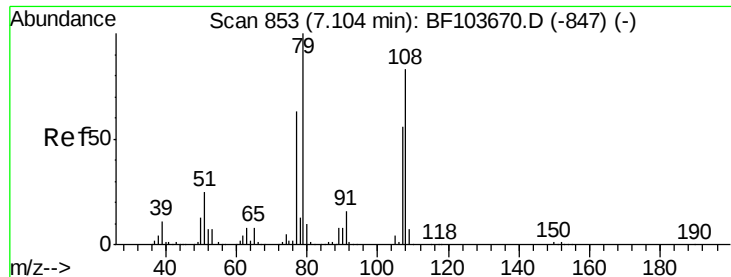
Tot Ion:146 Resp: 443546
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 40.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.866 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:146 Resp: 419071
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 42.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.035 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

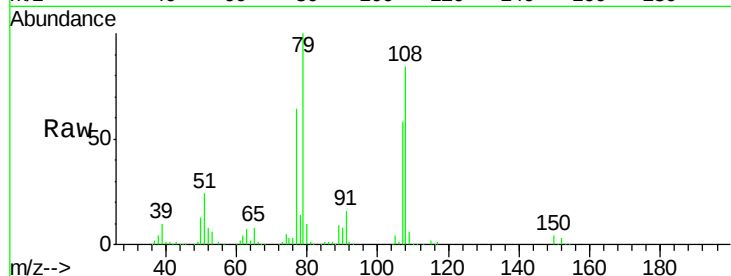
Tot Ion: 79 Resp: 379938

Ion Ratio Lower Upper

79 100

108 84.2 65.1 97.7

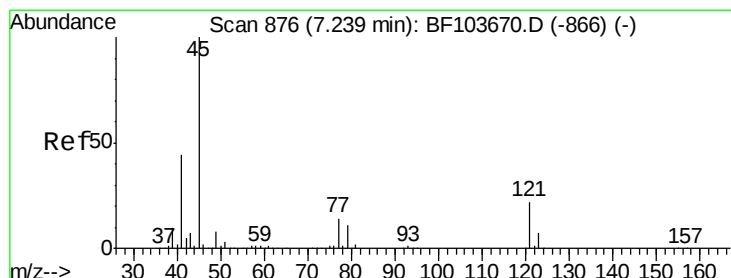
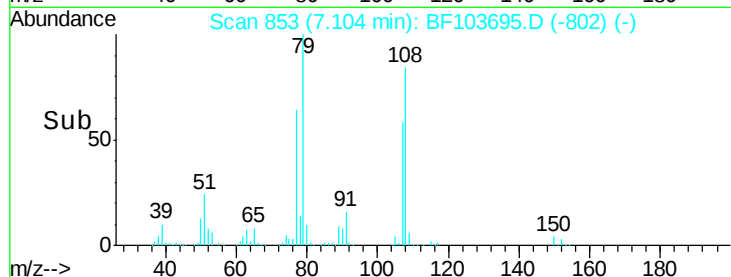
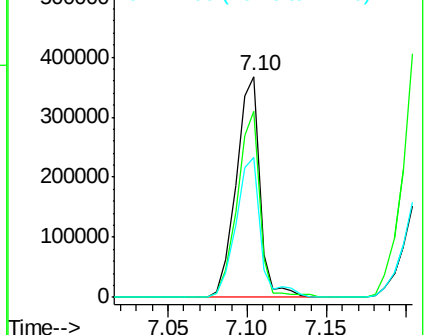
77 63.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.244 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

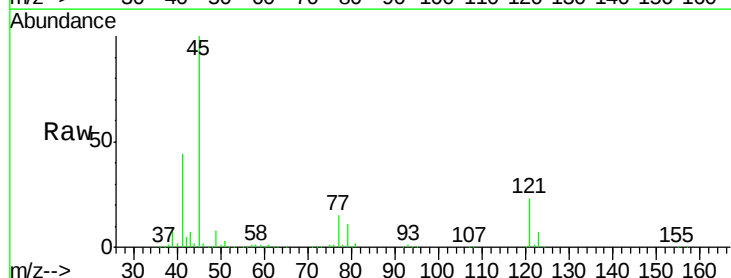
Tgt Ion: 45 Resp: 581394

Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.9

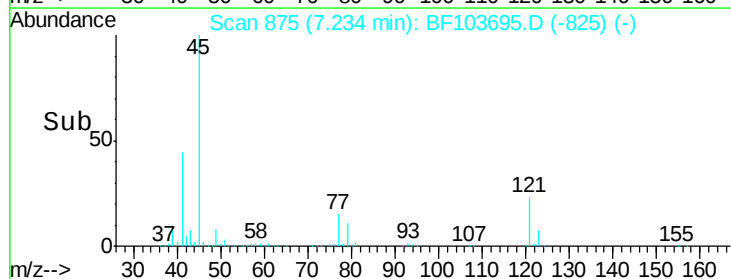
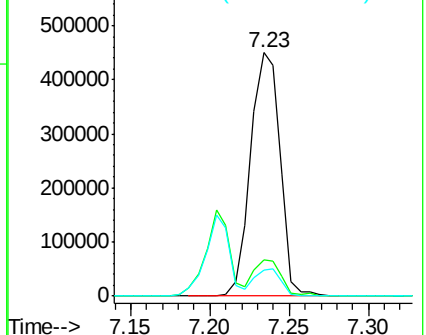
79 10.8 0.0 29.6

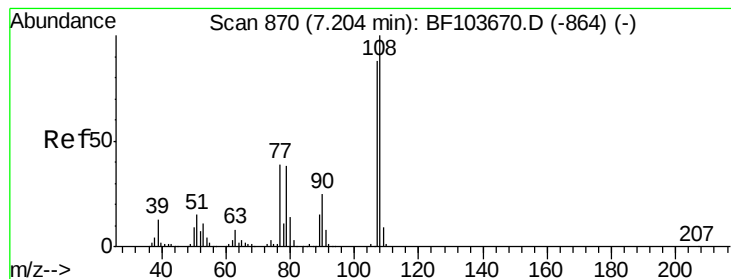


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.013 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 363300

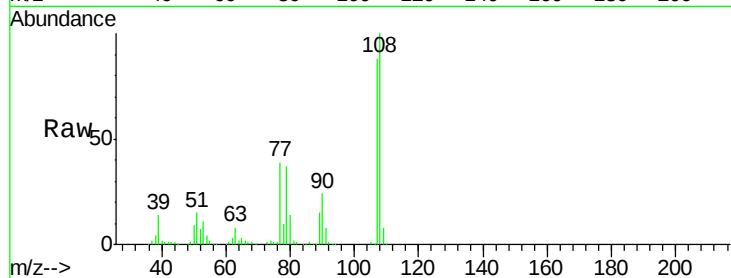
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 44.8 33.8 50.8

79 42.5 33.8 50.8

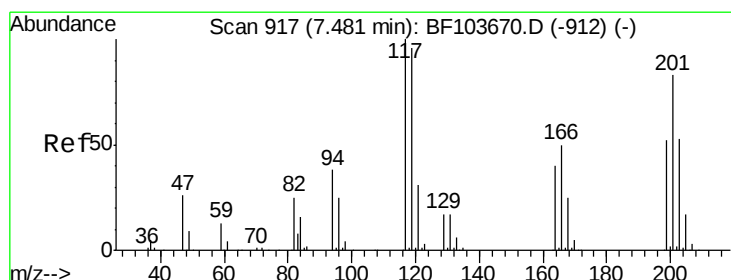
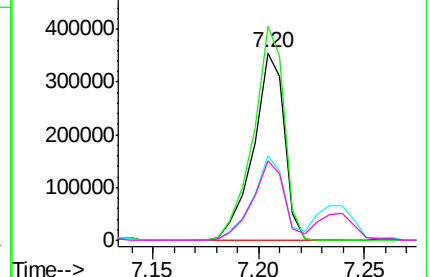
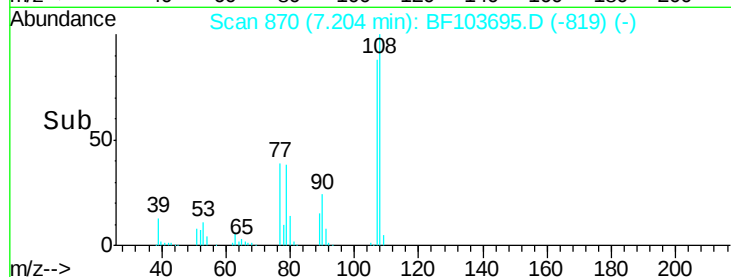


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.493 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

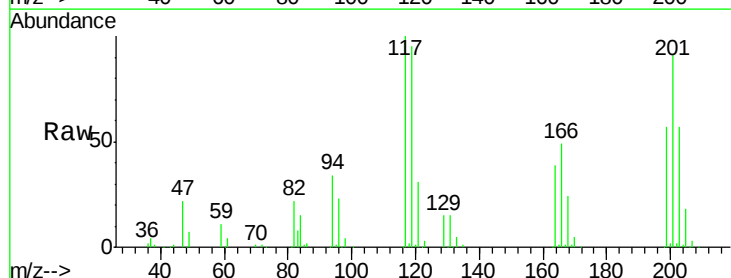
Tgt Ion:117 Resp: 166486

Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.8

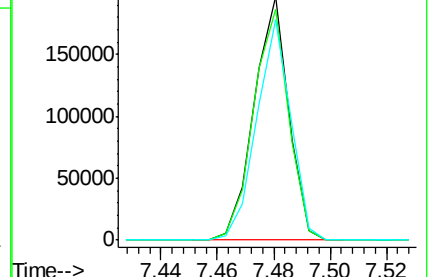
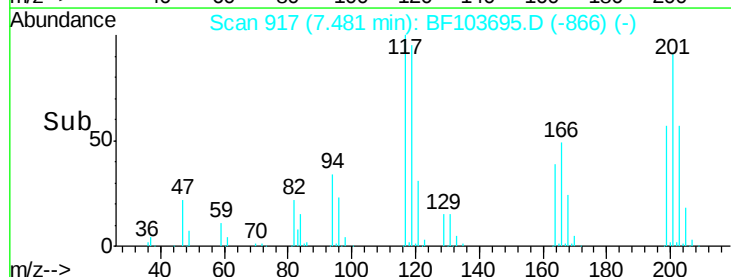
201 90.6 75.7 113.5

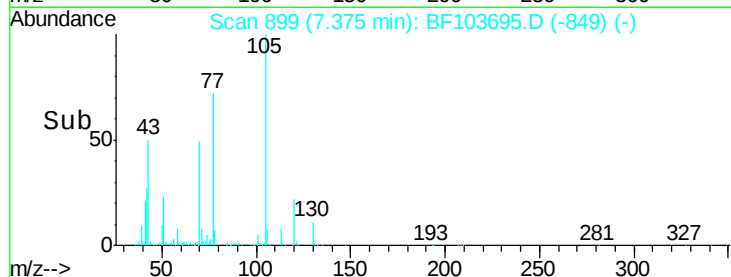
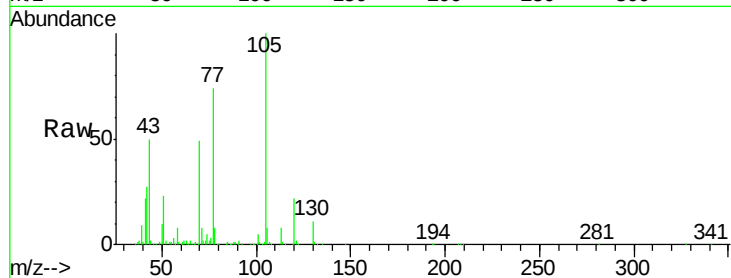
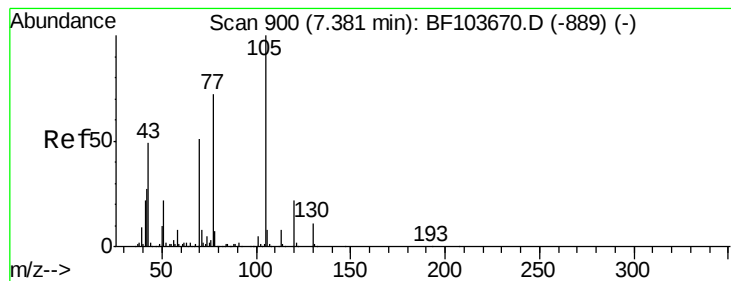


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.921 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 295821

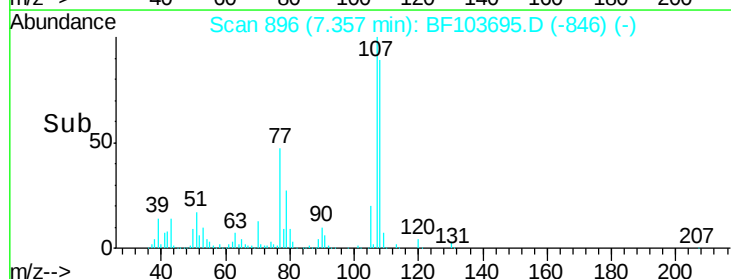
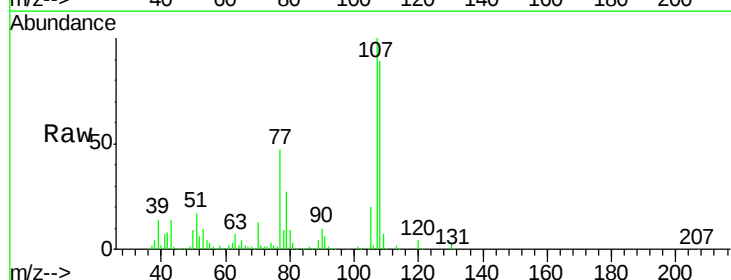
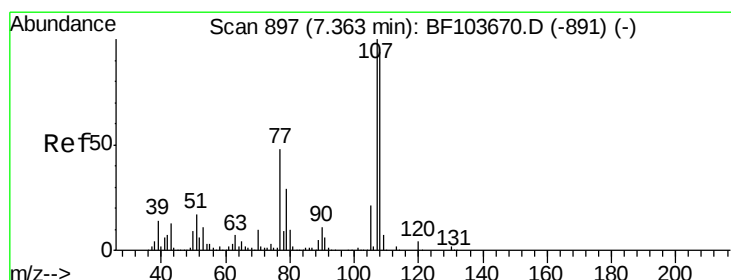
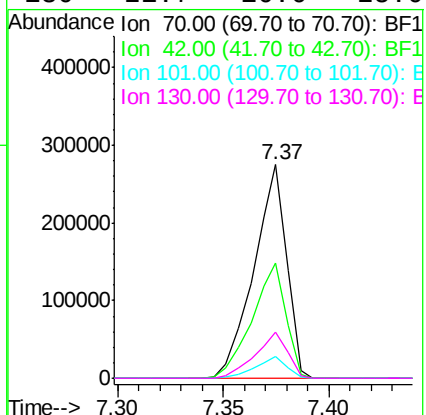
Ion Ratio Lower Upper

70 100

42 54.2 47.5 71.3

101 10.0 7.4 11.2

130 21.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 34.779 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:107 Resp: 457977

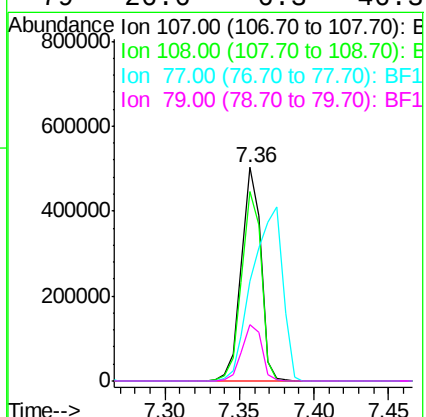
Ion Ratio Lower Upper

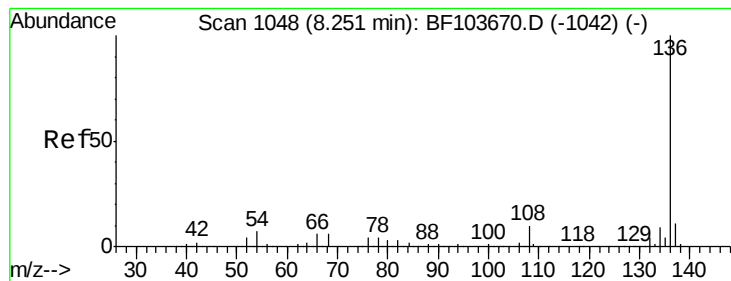
107 100

108 88.5 68.2 108.2

77 46.6 26.7 66.7

79 26.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 705743

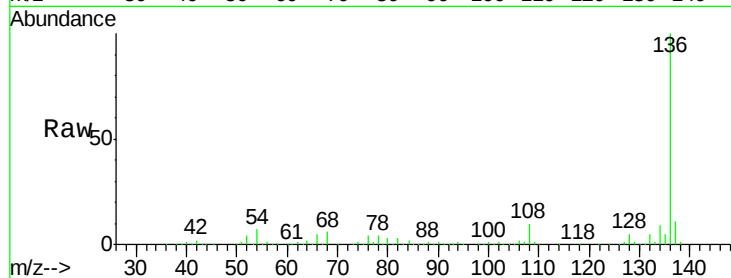
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

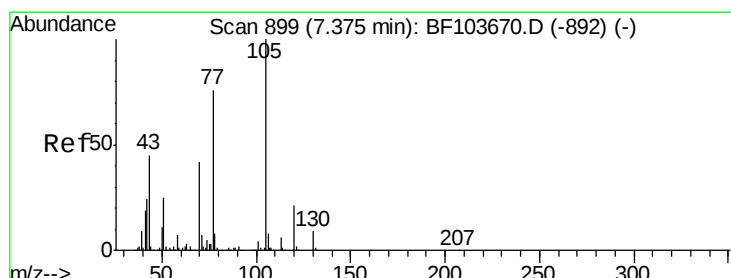
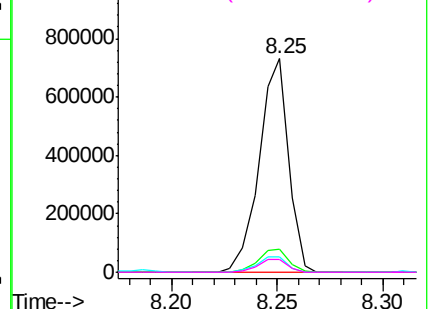
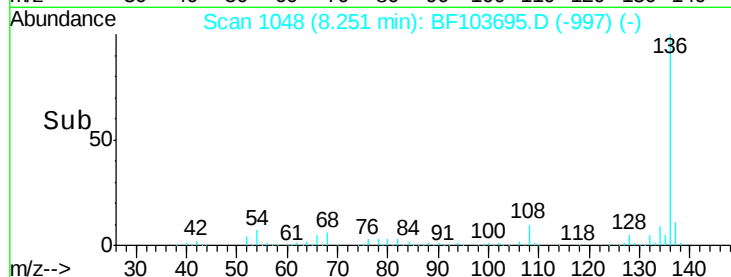


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.261 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:105 Resp: 585147

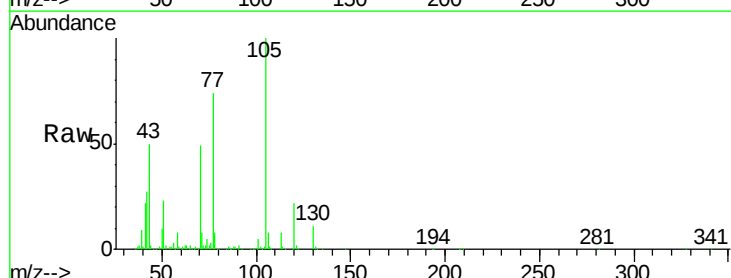
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 23.3 22.3 33.5

120 22.0 16.9 25.3

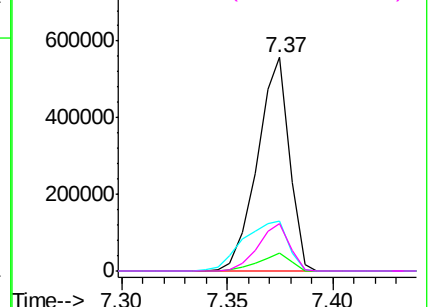
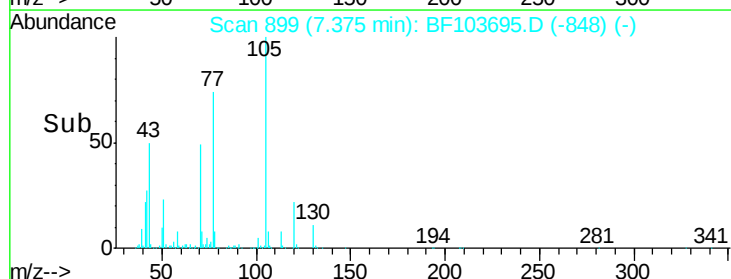


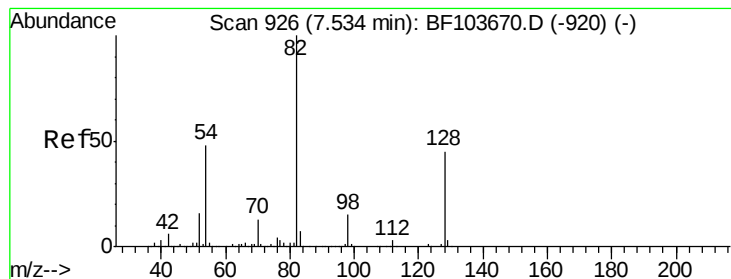
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.092 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

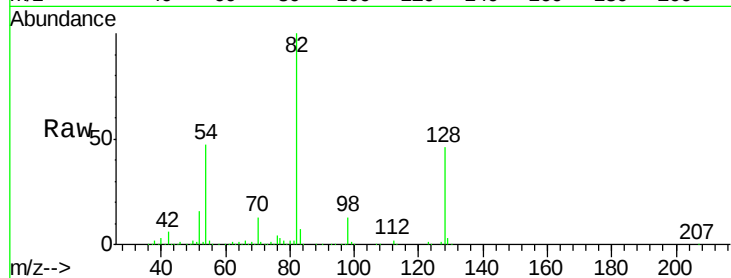
Tot Ion: 82 Resp: 871271

Ion Ratio Lower Upper

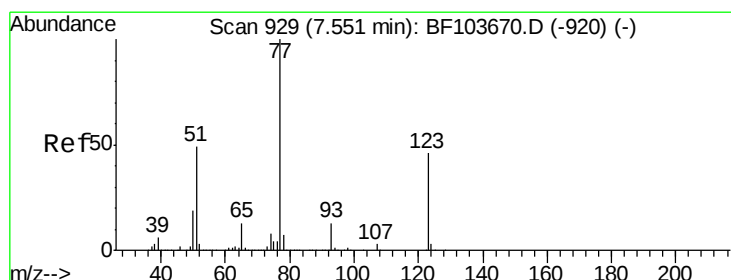
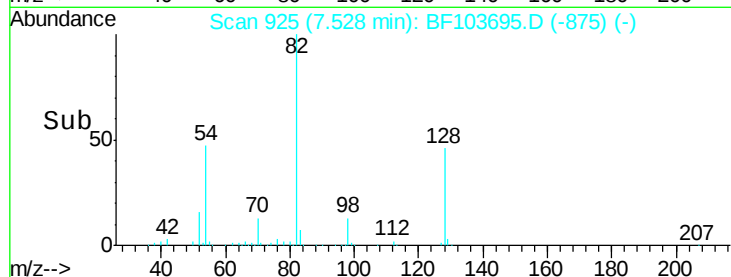
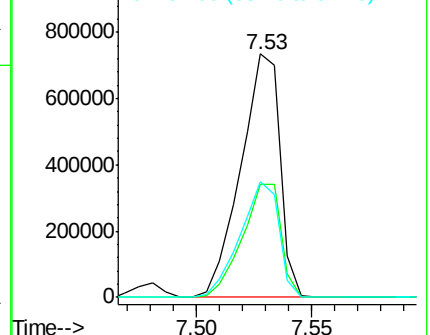
82 100

128 46.2 36.1 54.1

54 47.4 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: 38.566 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

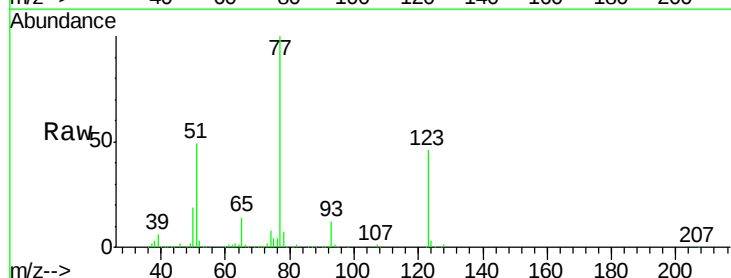
Tgt Ion: 77 Resp: 458206

Ion Ratio Lower Upper

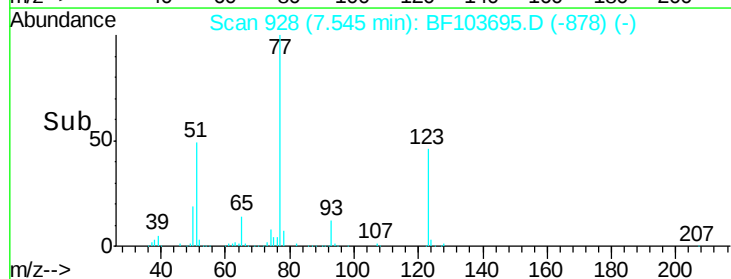
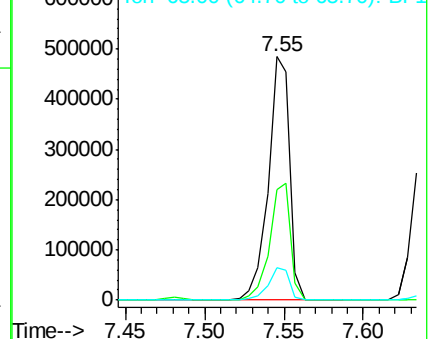
77 100

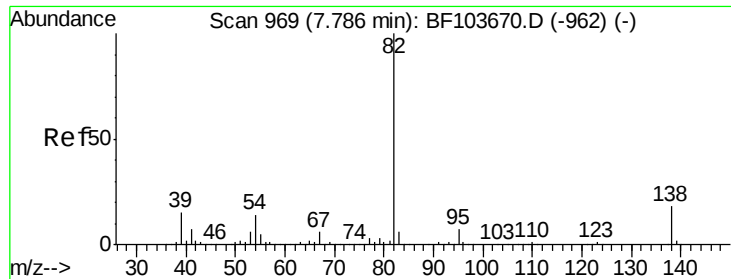
123 45.6 37.9 56.9

65 13.6 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: 36.452 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

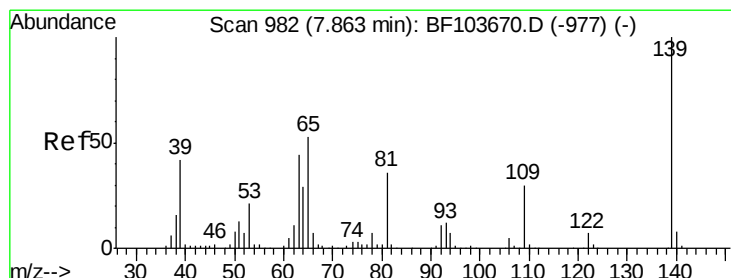
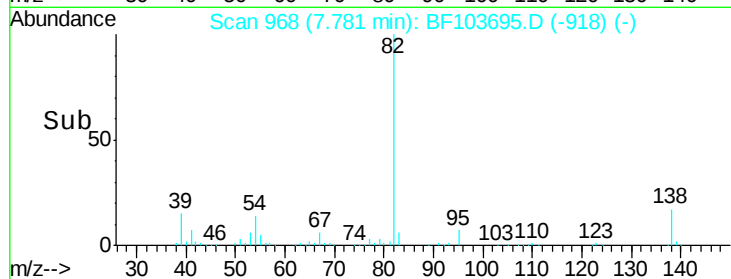
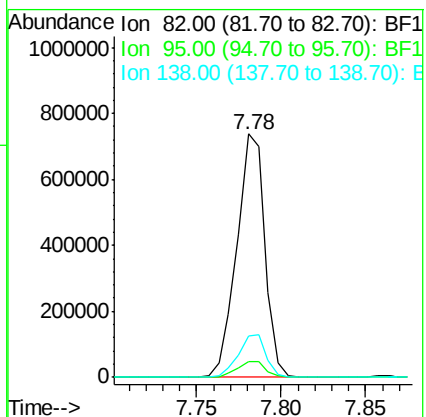
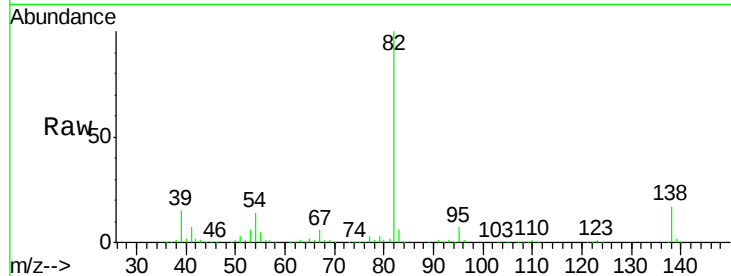
Tot Ion: 82 Resp: 853977

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 16.9 14.9 22.3



#26

2-Nitrophenol

Concen: 47.186 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

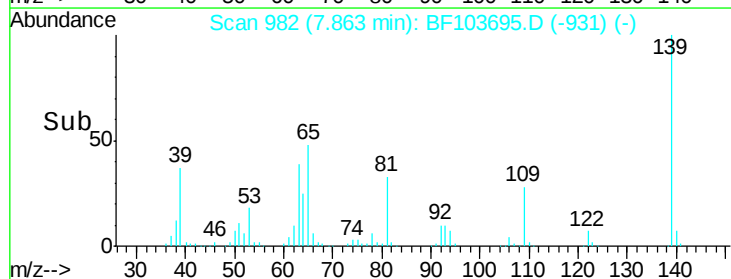
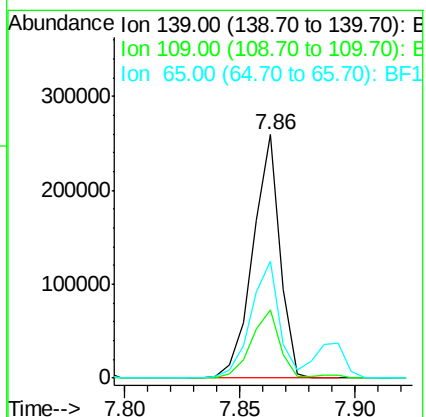
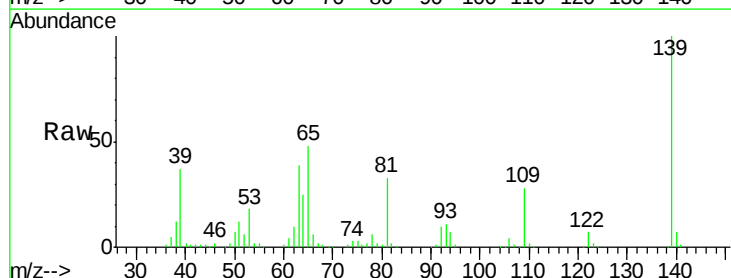
Tgt Ion: 139 Resp: 212396

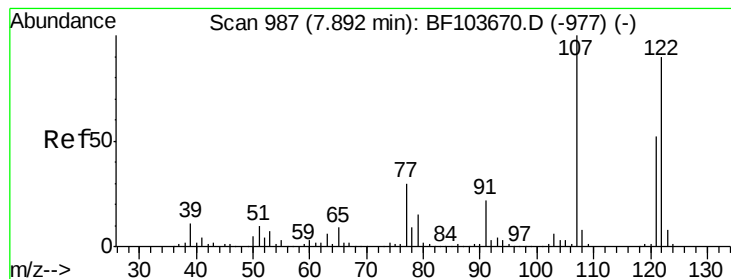
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 48.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.173 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

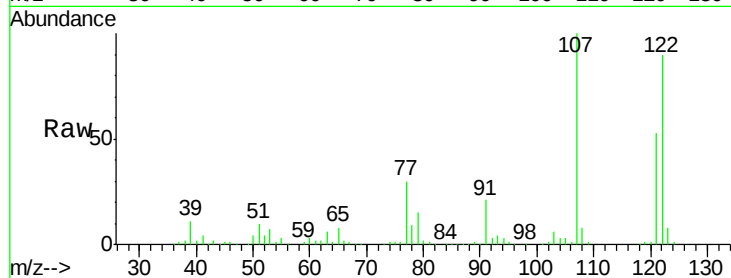
Tot Ion:122 Resp: 413228

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

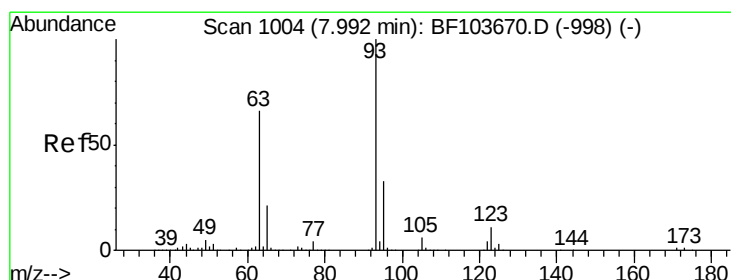
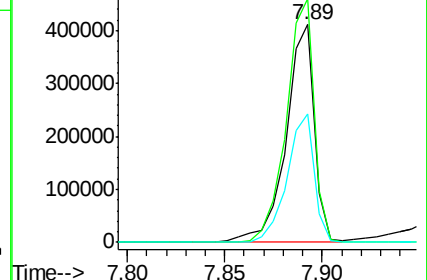
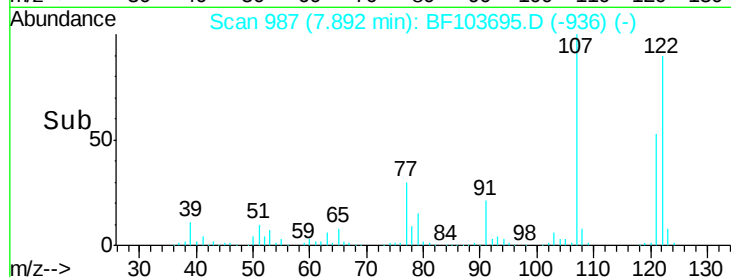
121 58.8 47.2 70.8



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: 37.997 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

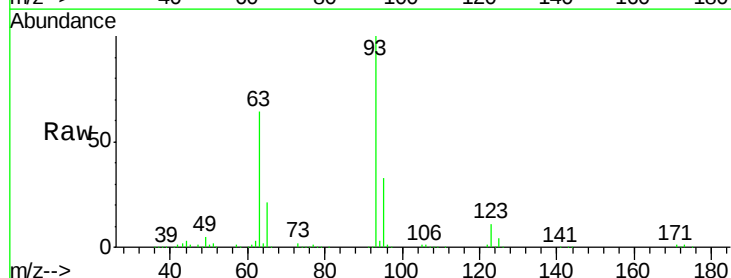
Tgt Ion: 93 Resp: 539033

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

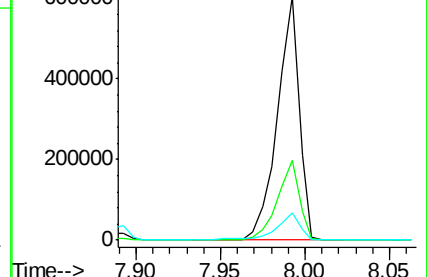
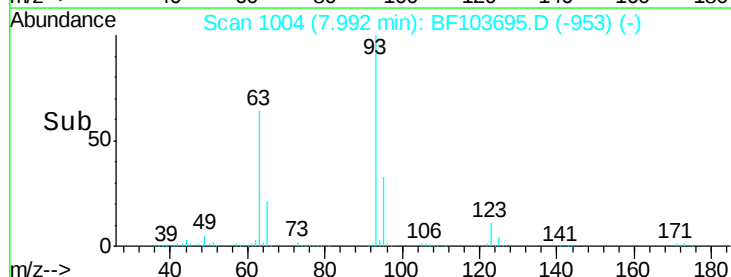
123 11.2 9.8 14.6

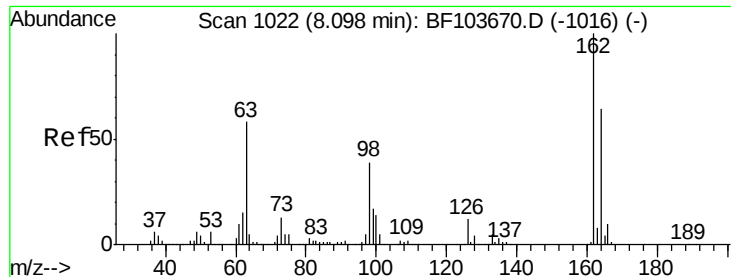


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

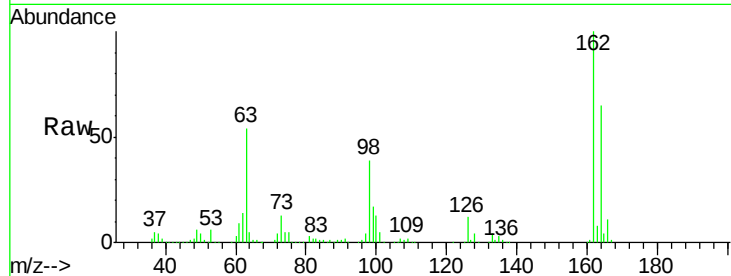




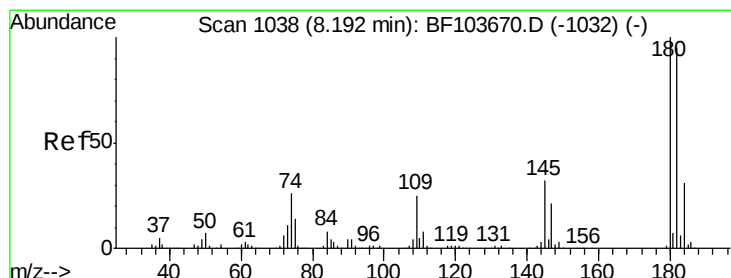
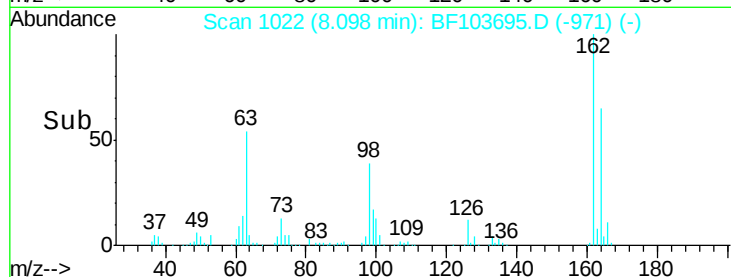
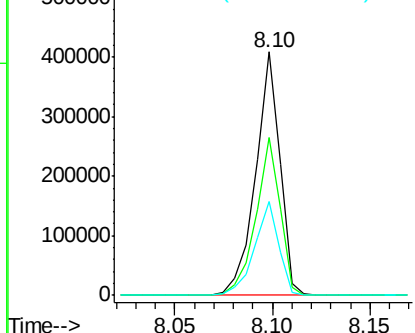
#29
2,4-Dichlorophenol
Concen: 38.677 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	38.7	18.1	58.1

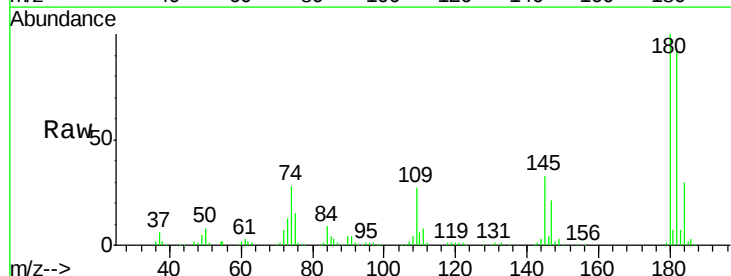


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

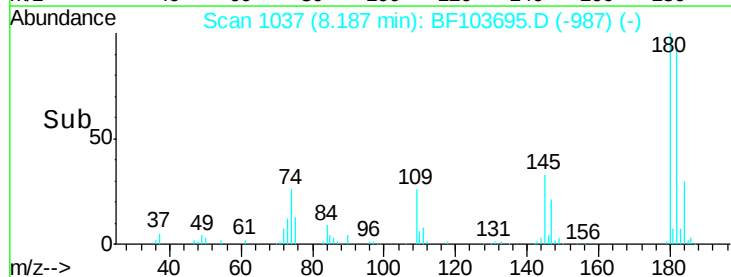
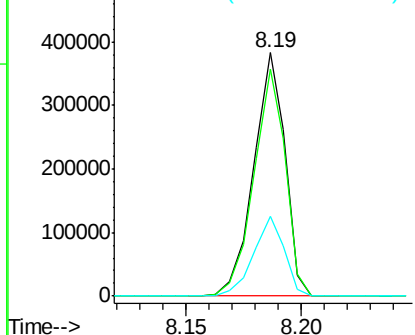


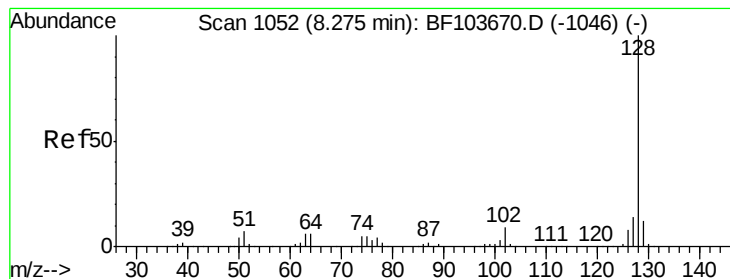
#30
1,2,4-Trichlorobenzene
Concen: 34.151 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.8	115.2
145	32.5	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: 34.165 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

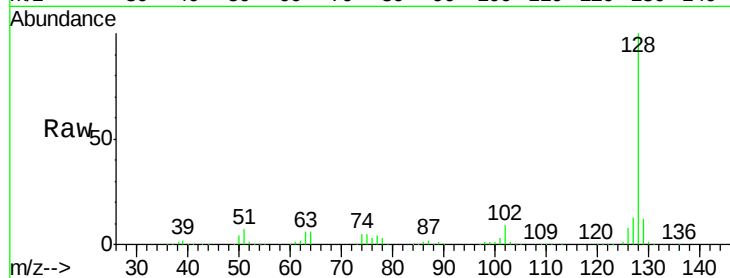
Tot Ion:128 Resp: 1218015

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

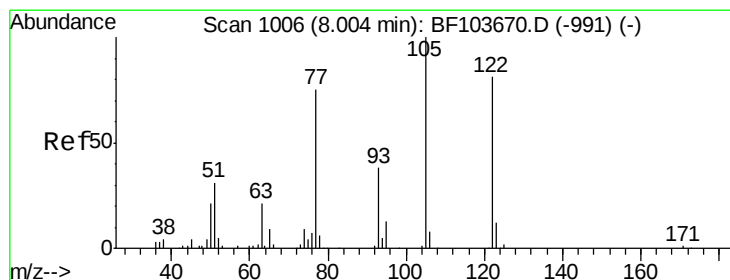
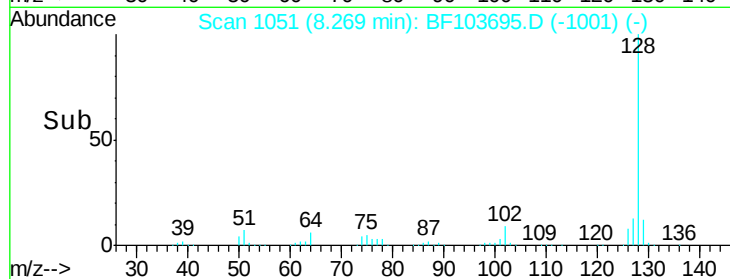
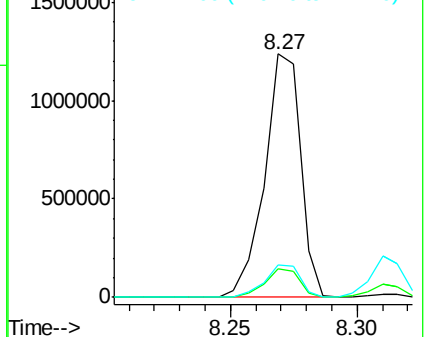
127 13.3 10.9 16.3



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: 21.127 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

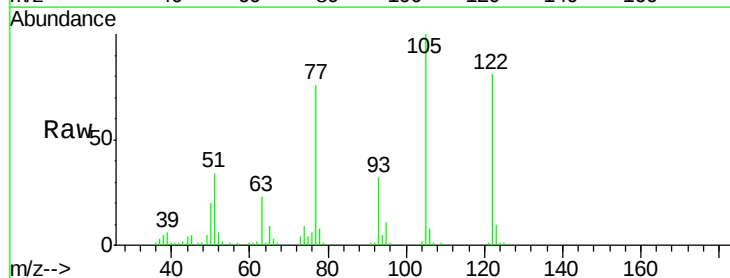
Tgt Ion:122 Resp: 100136

Ion Ratio Lower Upper

122 100

105 123.1 101.1 141.1

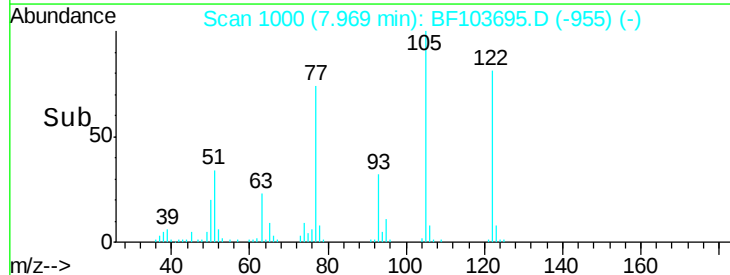
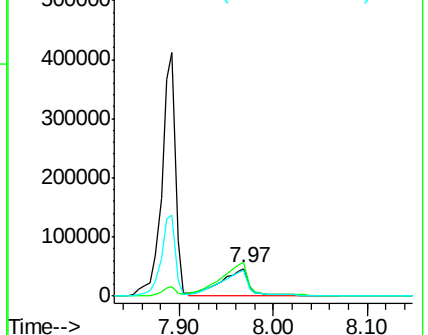
77 93.6 70.7 110.7

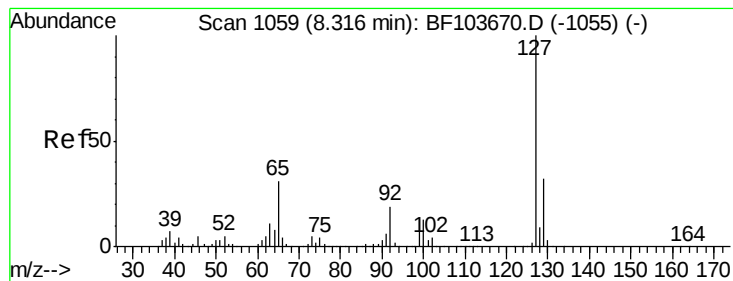


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.527 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 187358

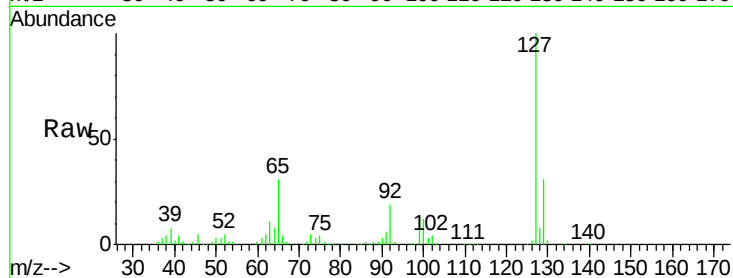
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 30.5 25.0 37.4

92 19.0 15.2 22.8

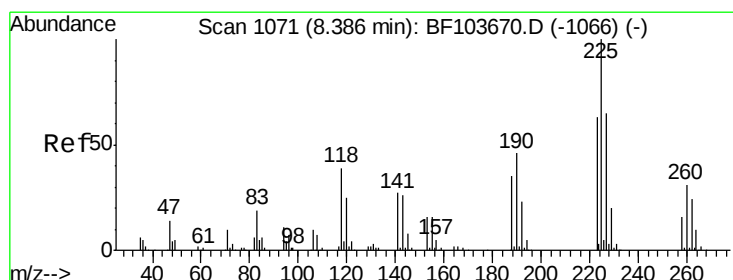
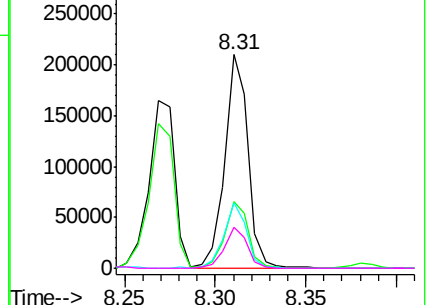
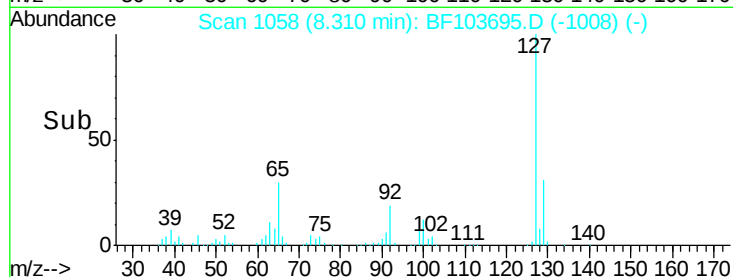


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.407 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

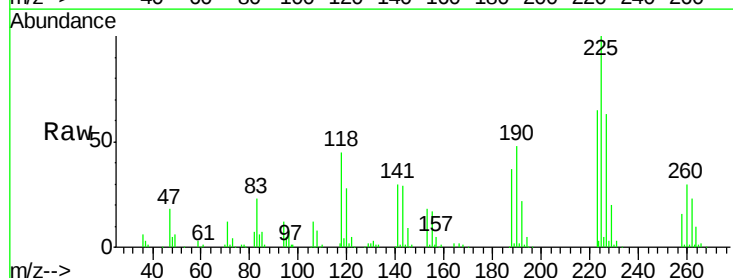
Tgt Ion:225 Resp: 188171

Ion Ratio Lower Upper

225 100

223 64.9 50.6 76.0

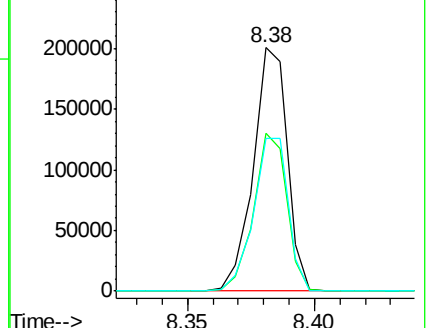
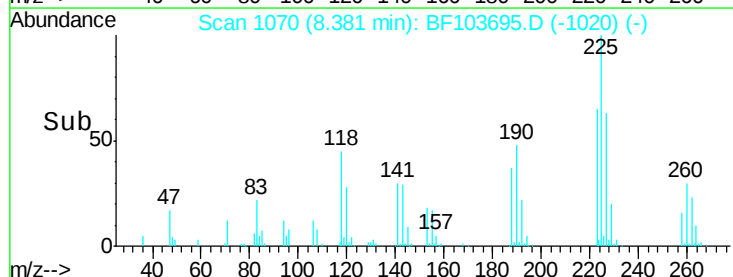
227 62.9 51.9 77.9

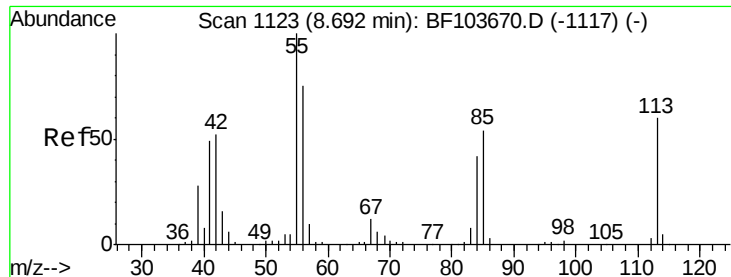


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.946 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

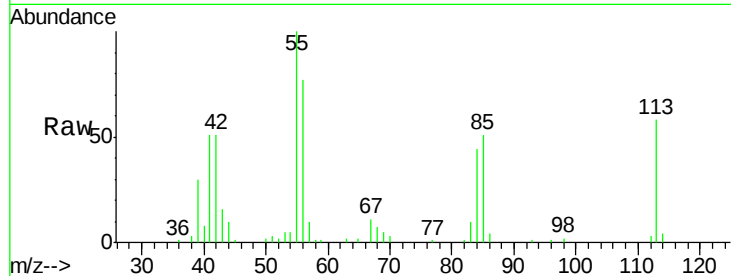
Tot Ion:113 Resp: 50137

Ion Ratio Lower Upper

113 100

55 173.3 163.3 203.3

56 133.3 115.7 155.7

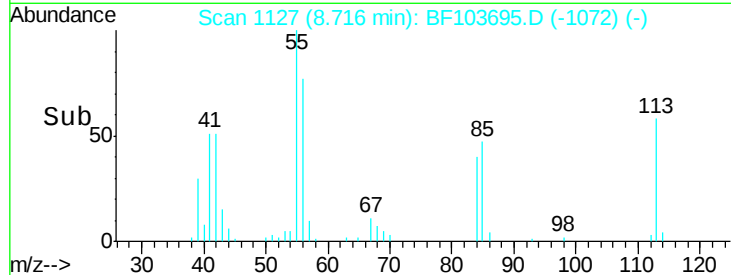


Abundance Ion 113.00 (112.70 to 113.70): E

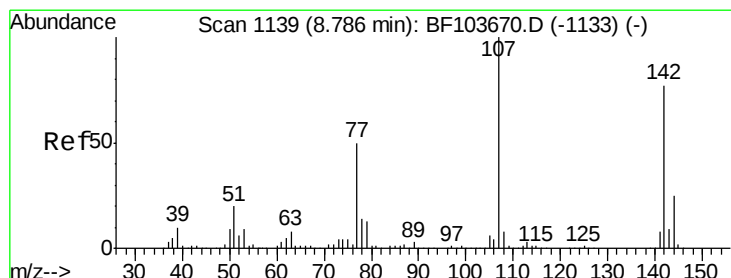
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 38.679 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

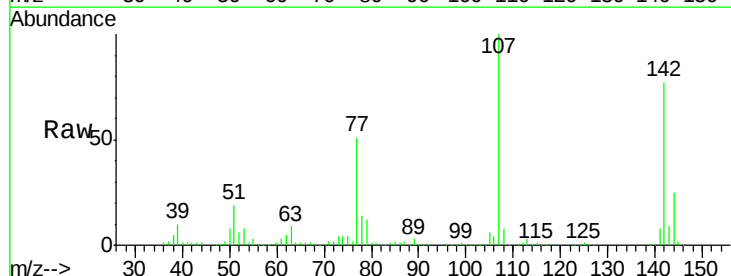
Tgt Ion:107 Resp: 389351

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

142 76.5 62.0 93.0

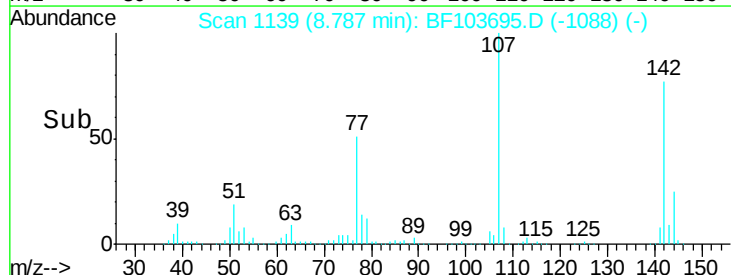


Abundance Ion 107.00 (106.70 to 107.70): E

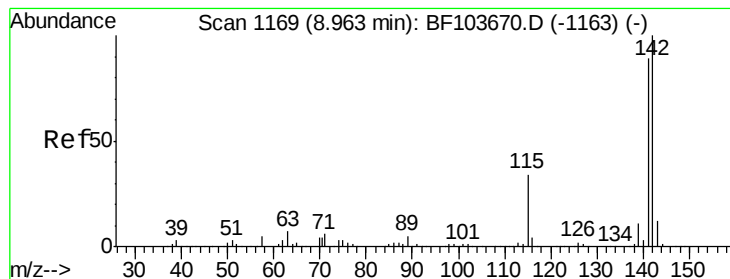
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



#37

2-Methylnaphthalene

Concen: 35.848 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

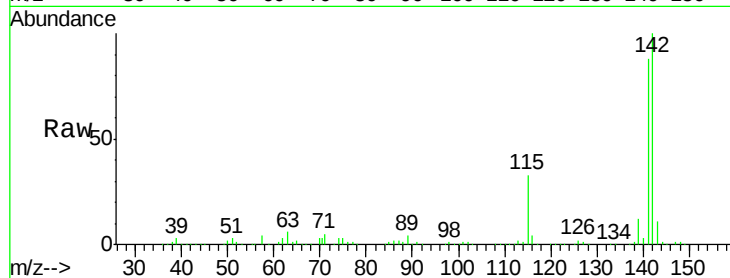
Tot Ion:142 Resp: 810456

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

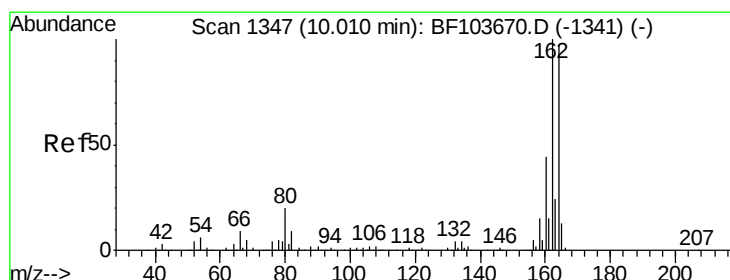
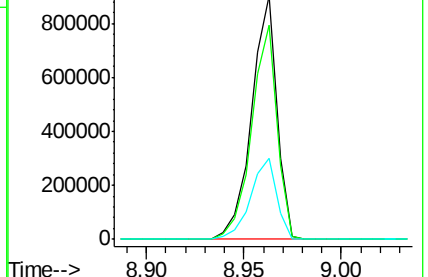
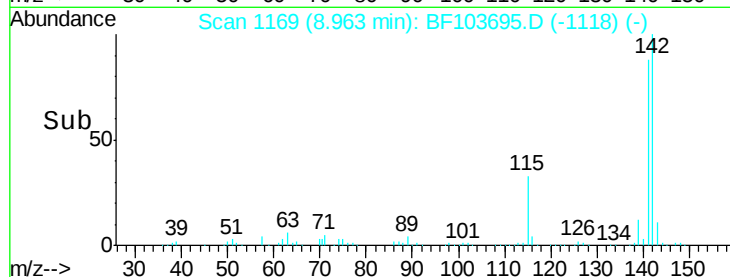
115 33.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

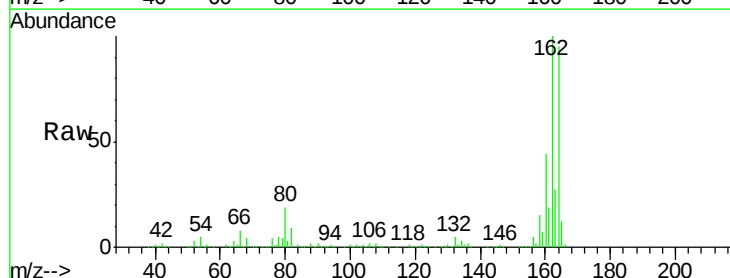
Tgt Ion:164 Resp: 336733

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

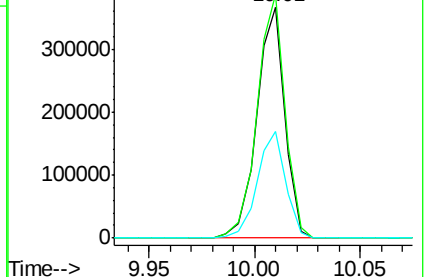
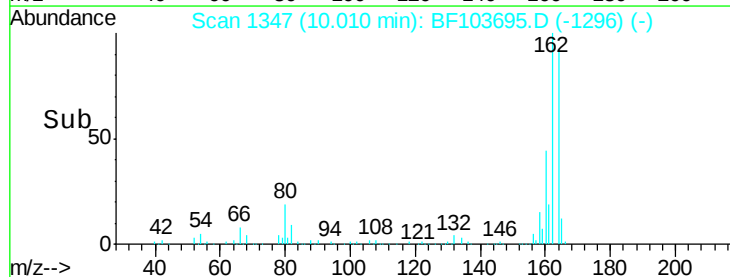
160 46.2 38.3 57.5

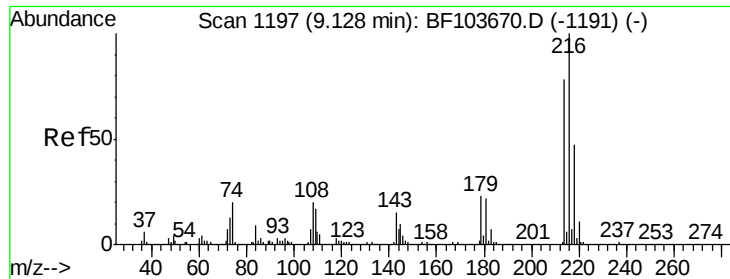


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

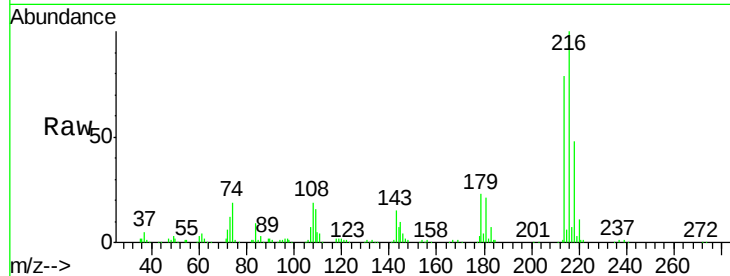




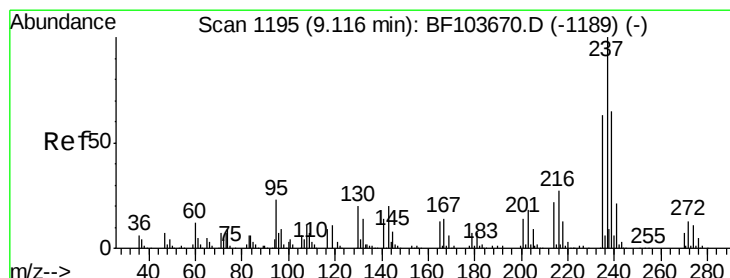
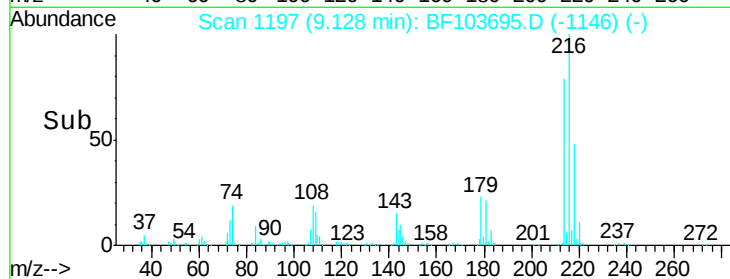
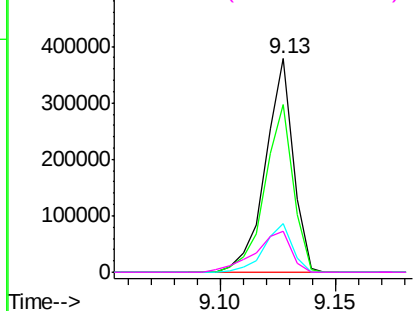
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.917 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	316225
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	23.0	18.1	27.1
108	25.0	17.2	25.8

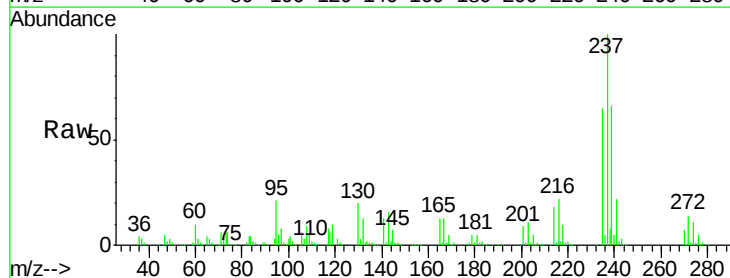


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

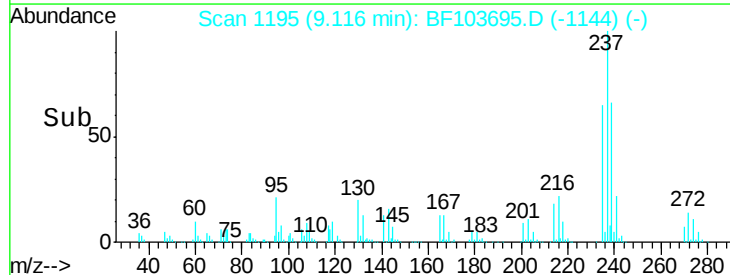
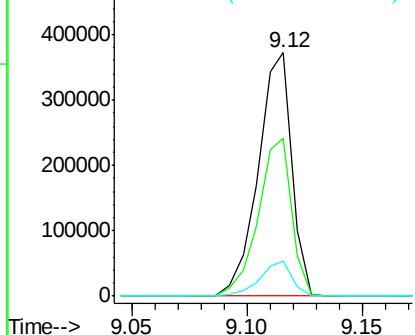


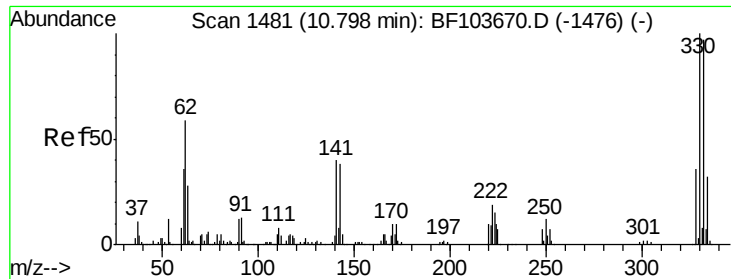
#40
 Hexachlorocyclopentadiene
 Concen: 76.190 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:	237	Resp:	377676
Ion	Ratio	Lower	Upper
237	100		
235	64.8	44.8	84.8
272	14.1	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

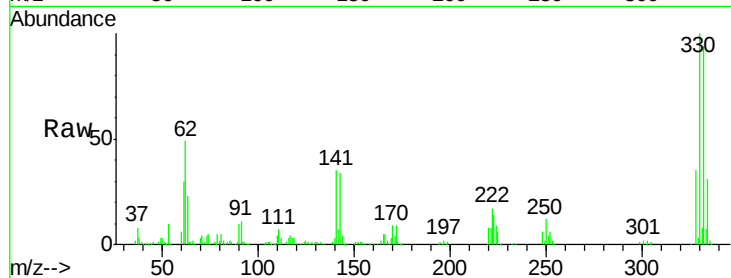




#41
 2,4,6-Tribromophenol
 Concen: 85.044 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	36.9	29.9	44.9

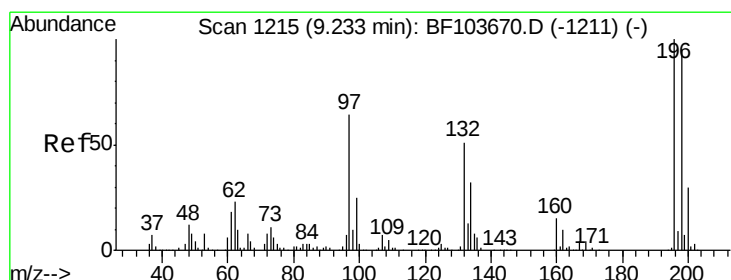
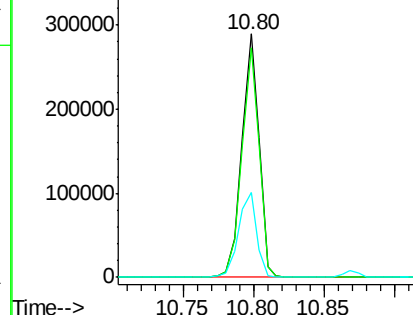
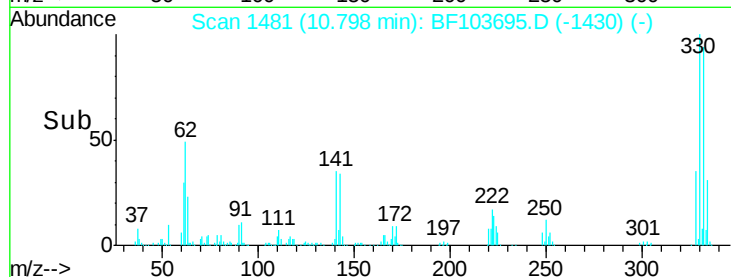


Abundance

Ion 329.80 (329.50 to 330.50): E

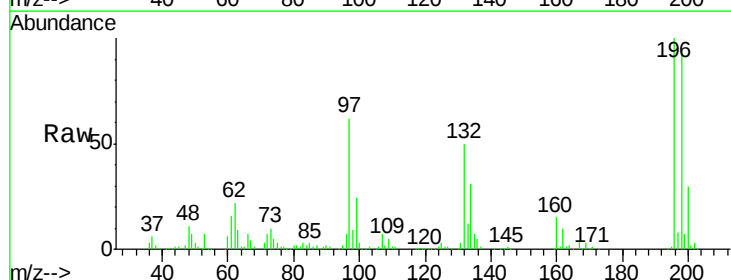
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.320 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	29.9	24.5	36.7

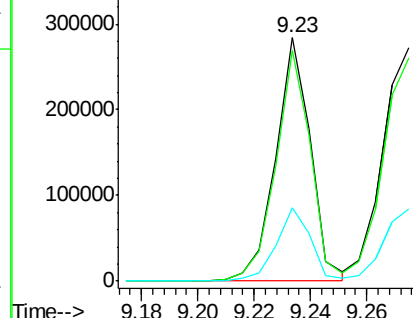
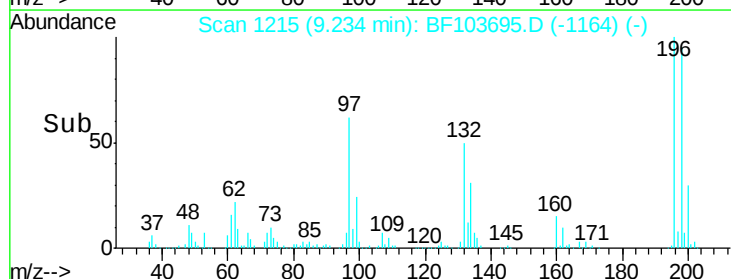


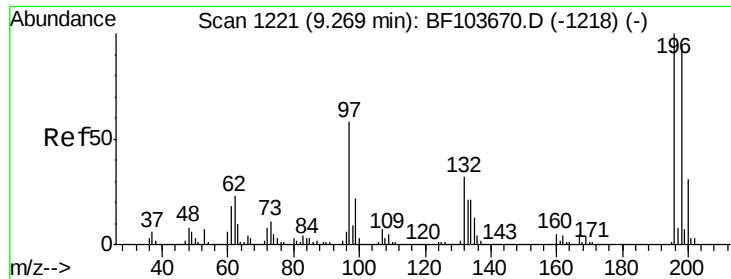
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

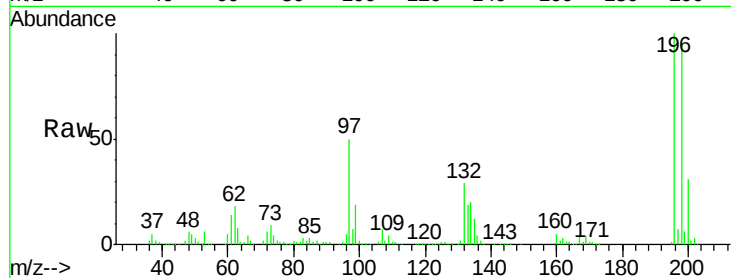




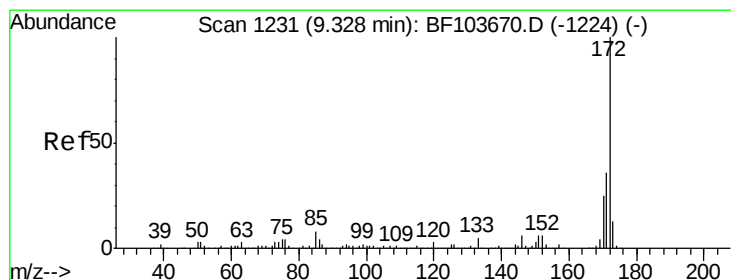
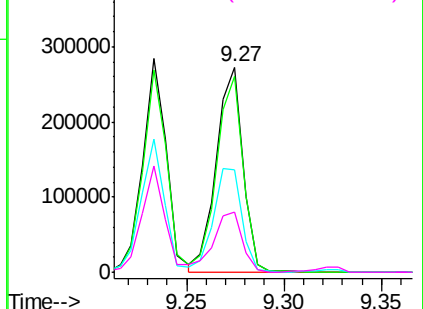
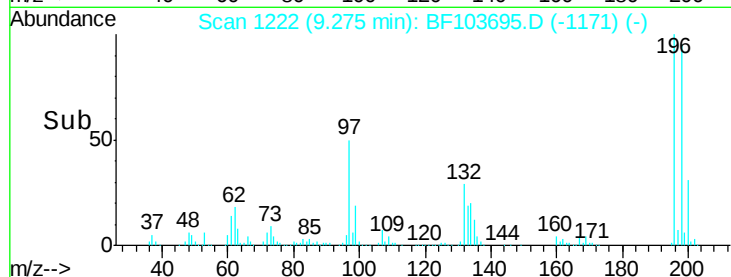
#43
 2,4,5-Trichlorophenol
 Concen: 37.279 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 258543
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 49.9 42.9 64.3
 132 29.0 26.3 39.5

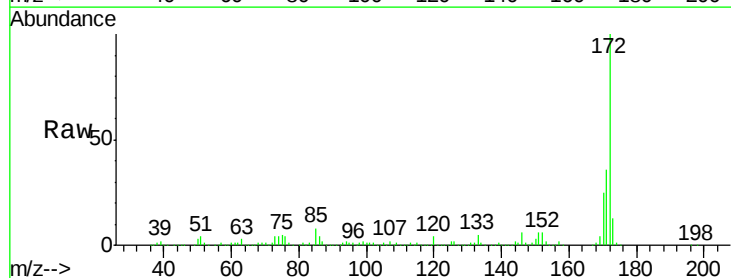


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

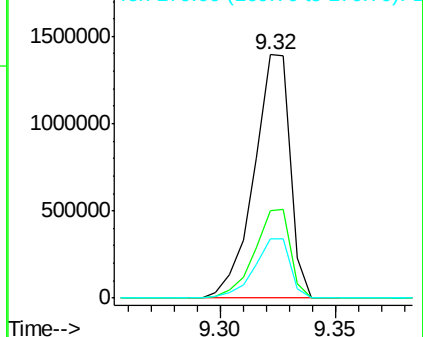
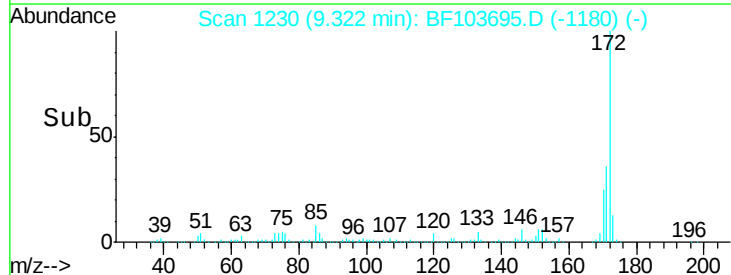


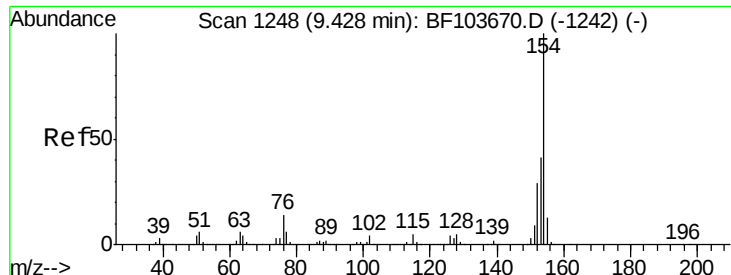
#44
 2-Fluorobiphenyl
 Concen: 72.240 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:172 Resp: 1524977
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.5 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

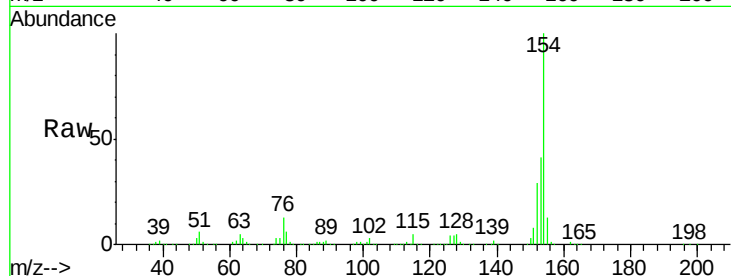




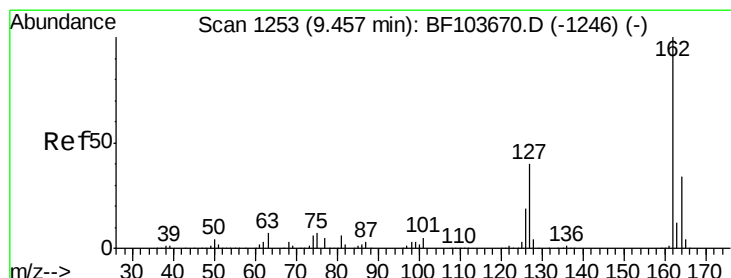
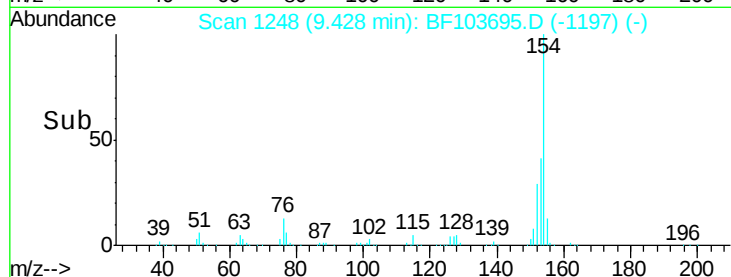
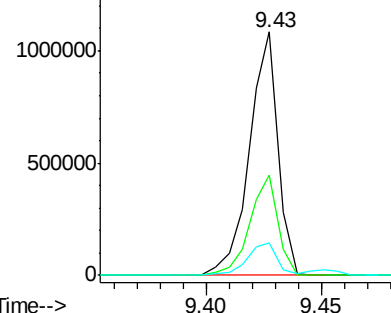
#45
 1,1'-Biphenyl
 Concen: 33.127 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.3	0.0	34.0

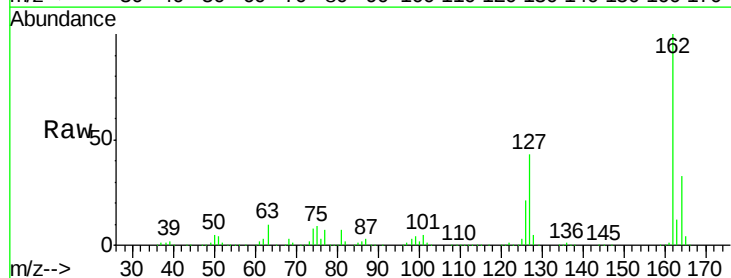


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

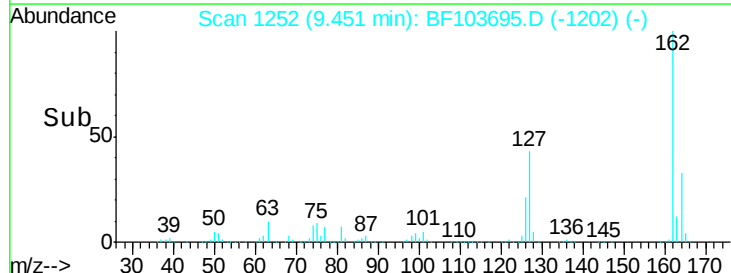
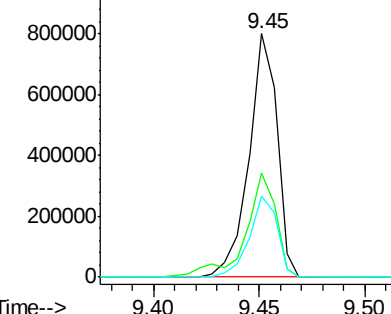


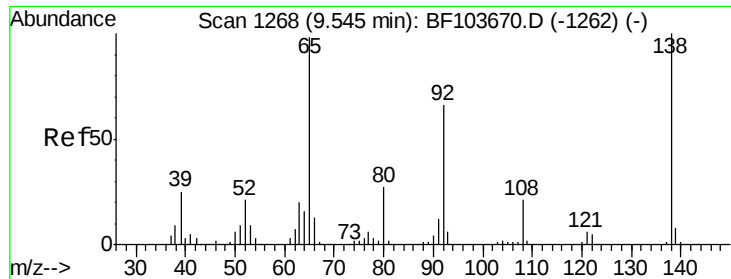
#46
 2-Chloronaphthalene
 Concen: 33.288 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.9	50.9
164	33.4	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

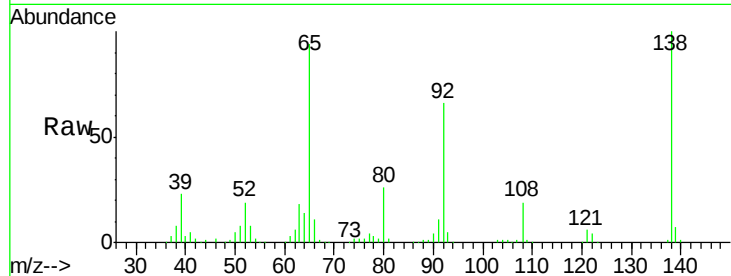




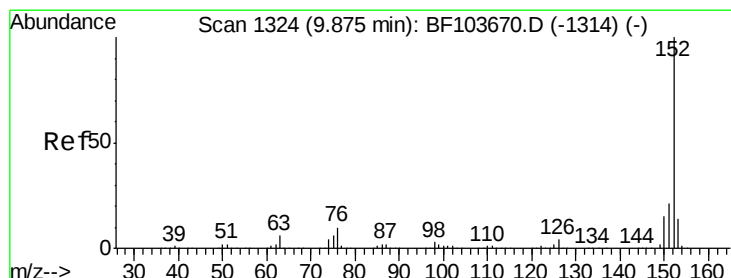
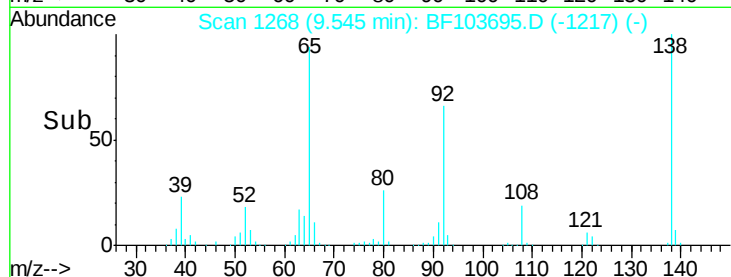
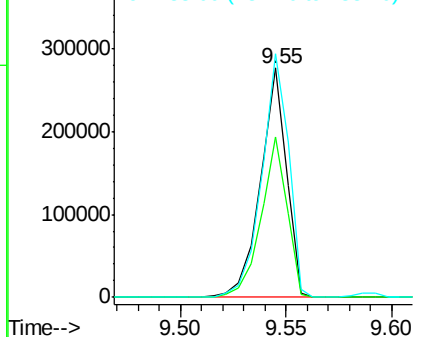
#47
2-Nitroaniline
Concen: 41.745 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 237510
Ion Ratio Lower Upper
65 100
92 70.0 55.8 83.6
138 106.2 91.2 136.8

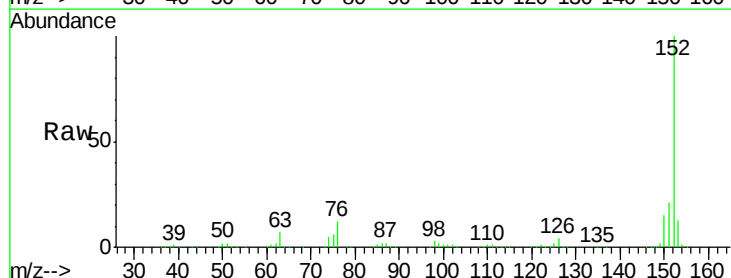


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

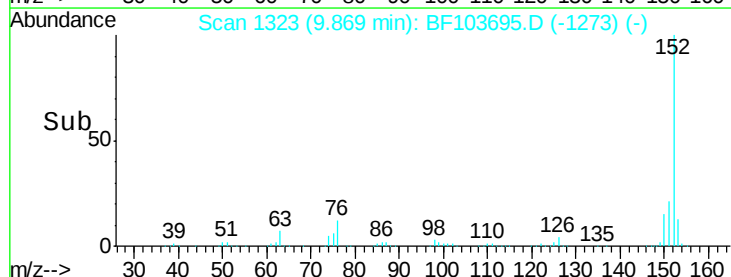
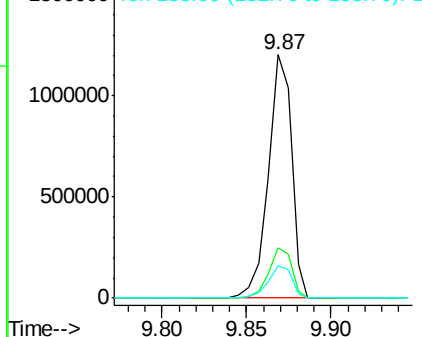


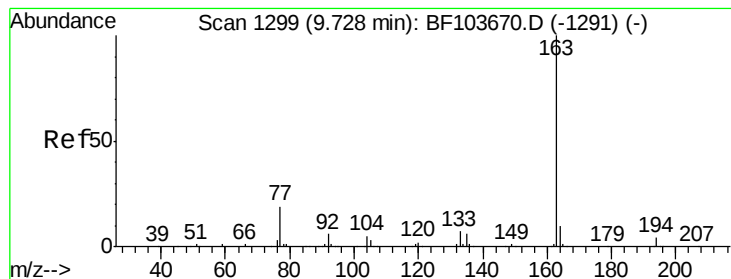
#48
Acenaphthylene
Concen: 33.087 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion: 152 Resp: 1144240
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 34.566 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

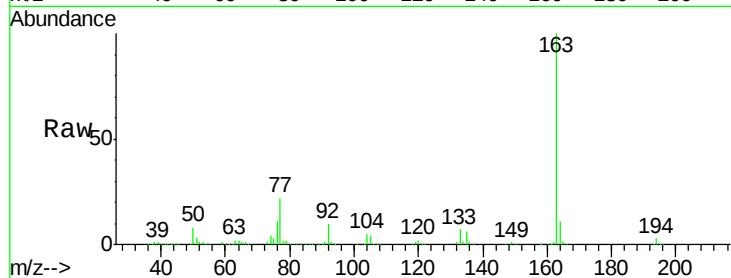
Tot Ion:163 Resp: 888040

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

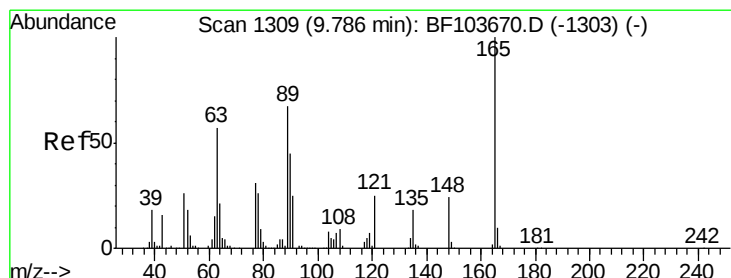
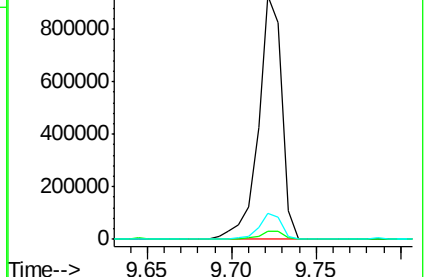
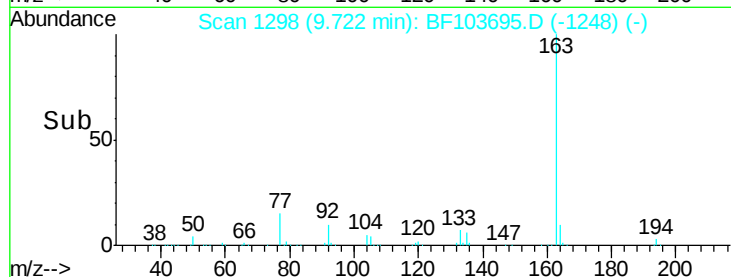
164 10.6 8.2 12.2



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: 39.898 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

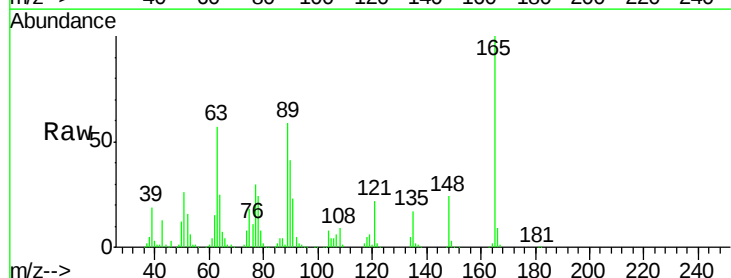
Tgt Ion:165 Resp: 194640

Ion Ratio Lower Upper

165 100

63 56.7 44.7 67.1

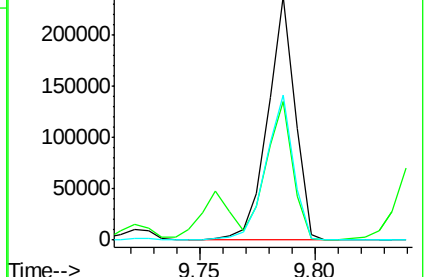
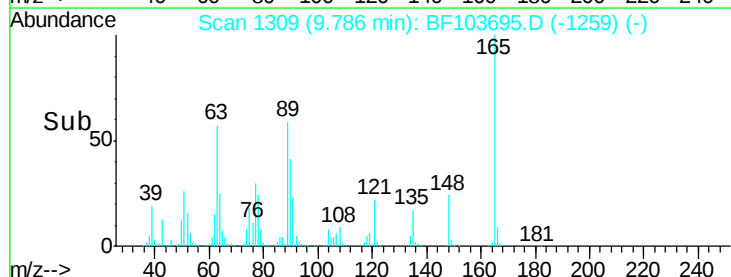
89 59.5 44.0 66.0

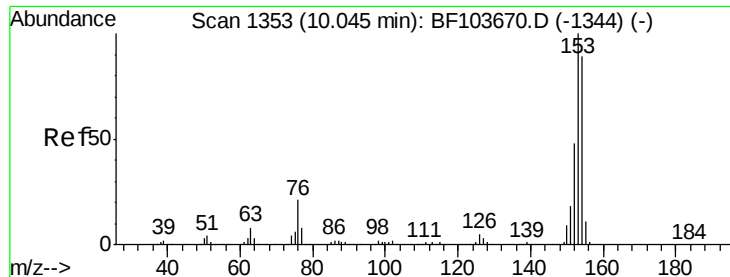


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.900 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

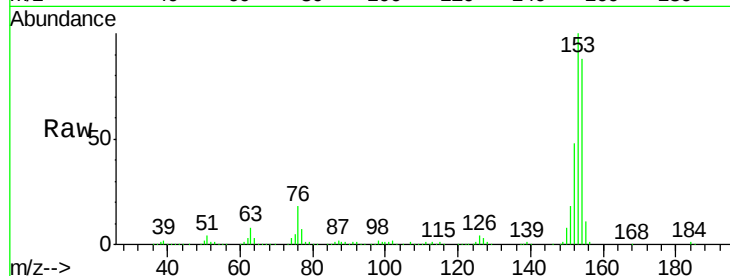
Tot Ion:154 Resp: 716658

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

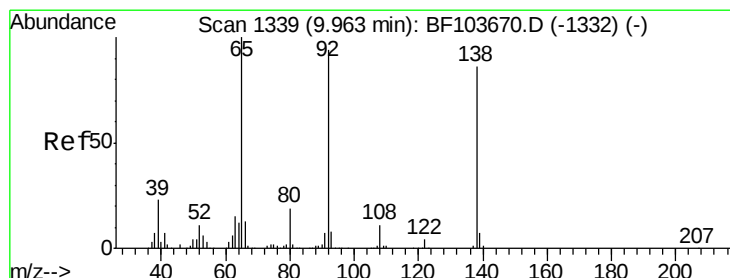
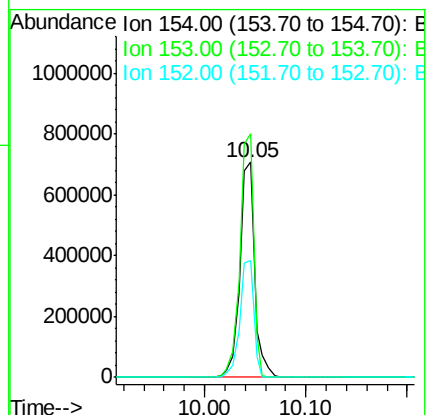
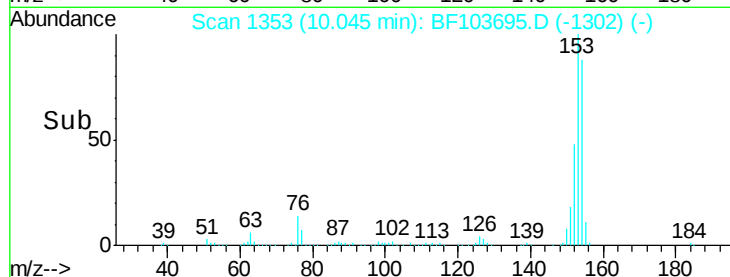
152 54.3 43.8 65.8



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: 25.129 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

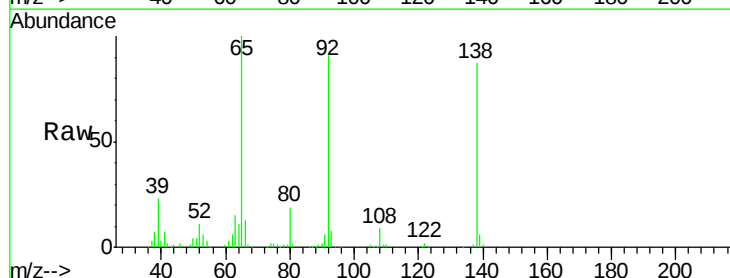
Tgt Ion:138 Resp: 137915

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

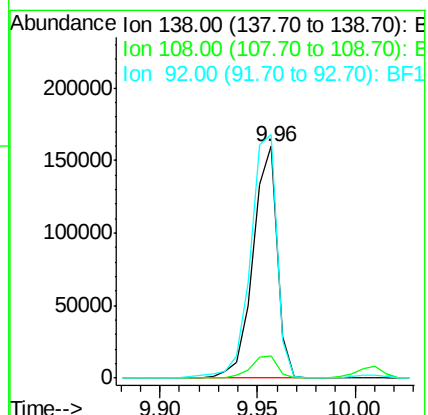
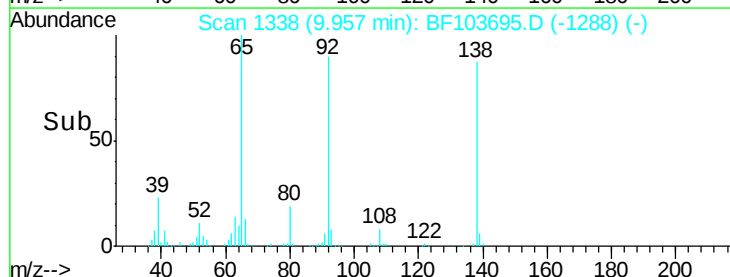
92 104.9 89.4 134.2

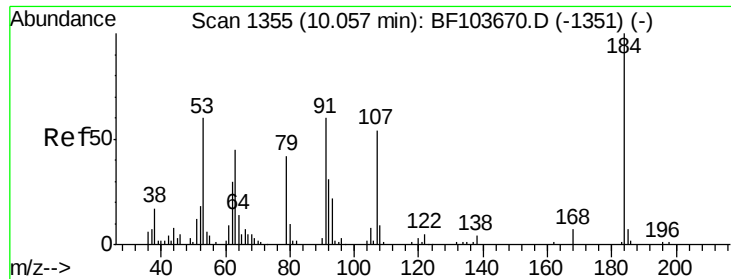


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

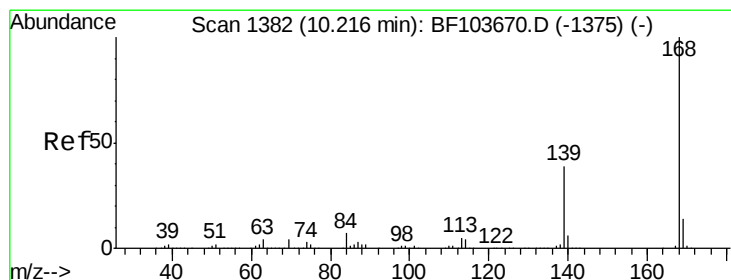
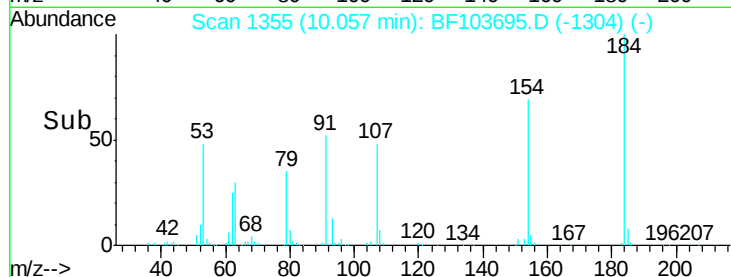
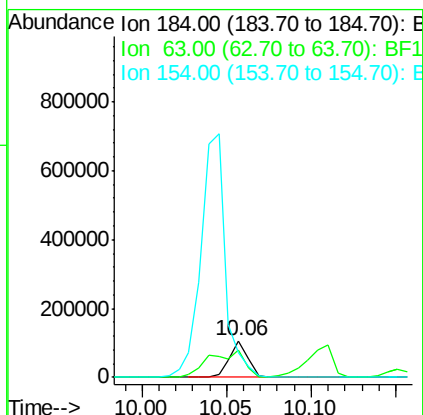
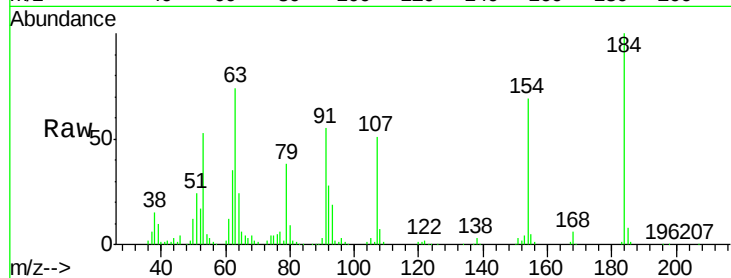




#53
2,4-Dinitrophenol
Concen: 62.472 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

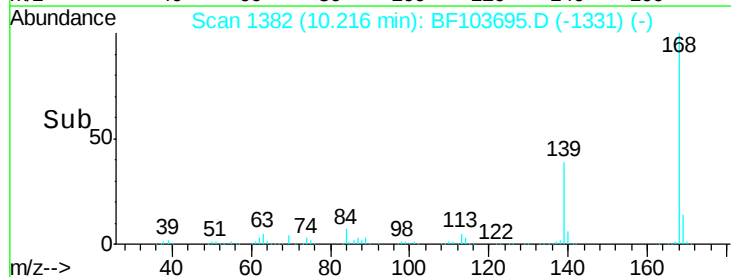
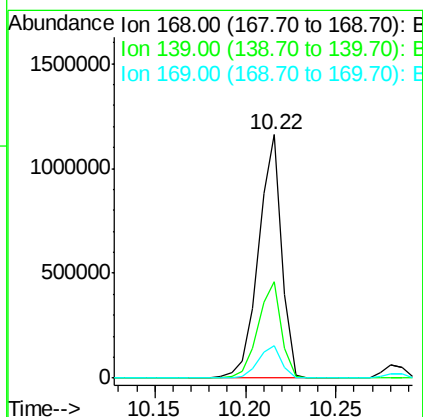
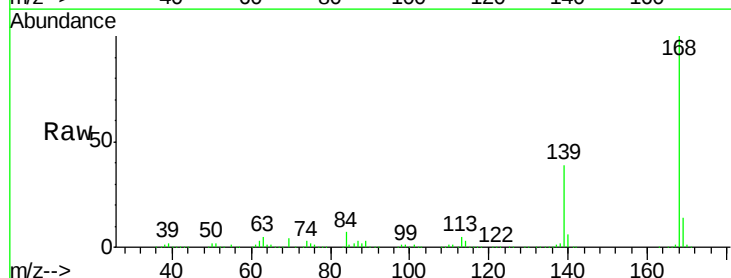
Instrument :
BNA_F
ClientSampled :

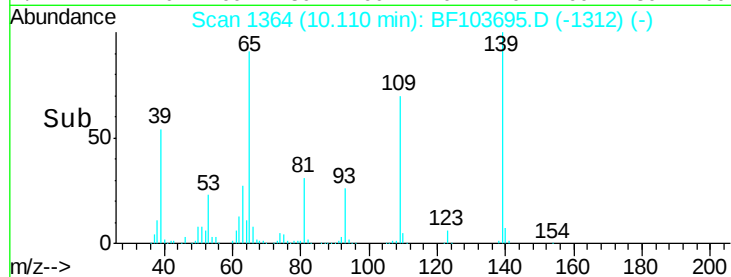
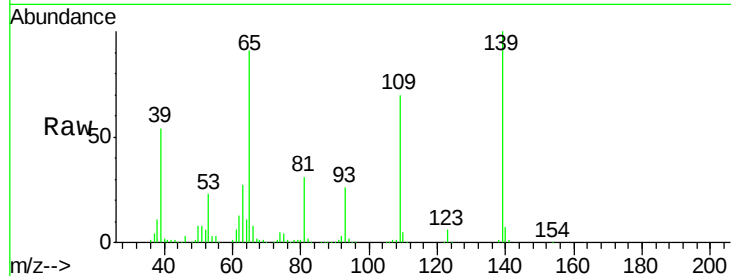
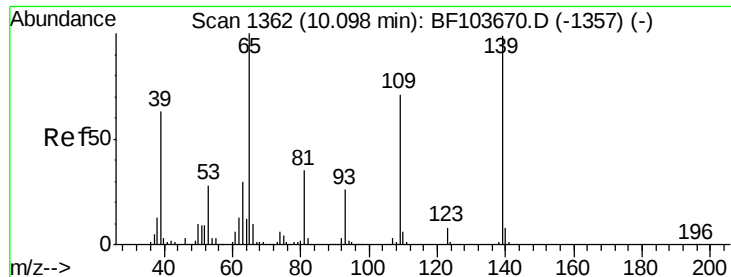
Tot Ion:184 Resp: 79642
Ion Ratio Lower Upper
184 100
63 74.3 54.2 81.2
154 69.1 184.0 276.0#



#54
Dibenzofuran
Concen: 34.921 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion:168 Resp: 1024146
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.5 10.9 16.3

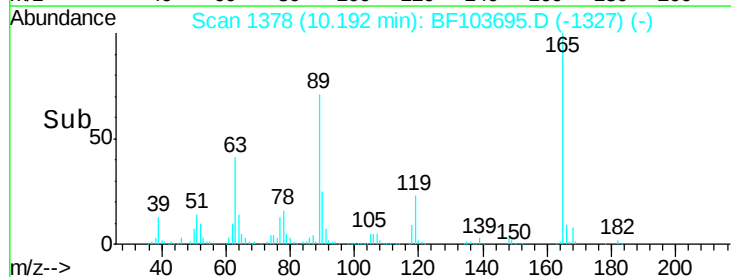
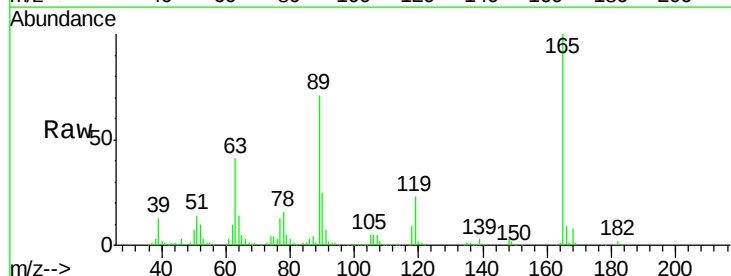
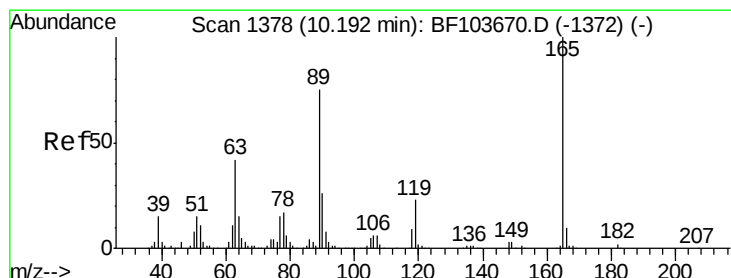
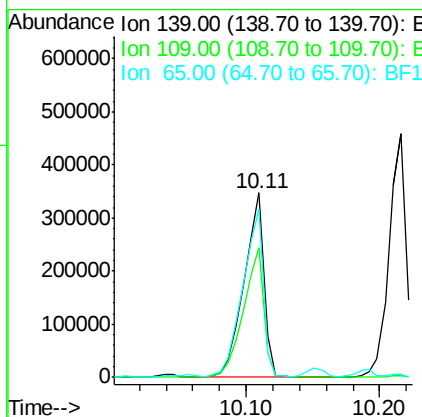




#55
4-Nitrophenol
Concen: 76.167 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

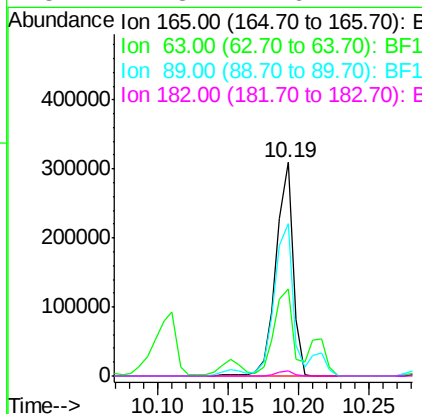
Instrument :
BNA_F
ClientSampled :

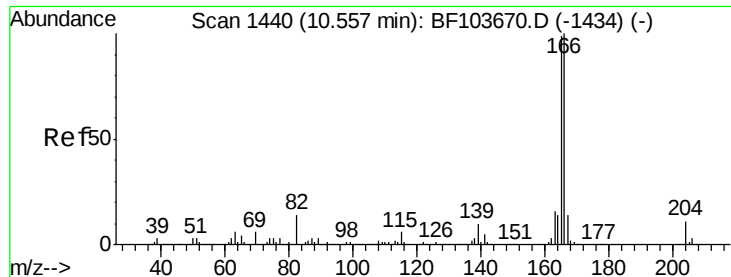
Tot Ion:139 Resp: 357060
Ion Ratio Lower Upper
139 100
109 70.4 48.4 88.4
65 91.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.024 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion:165 Resp: 266231
Ion Ratio Lower Upper
165 100
63 41.0 36.4 54.6
89 71.1 57.8 86.6
182 2.3 1.6 2.4

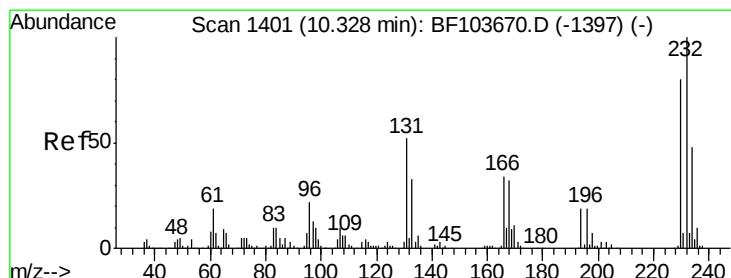
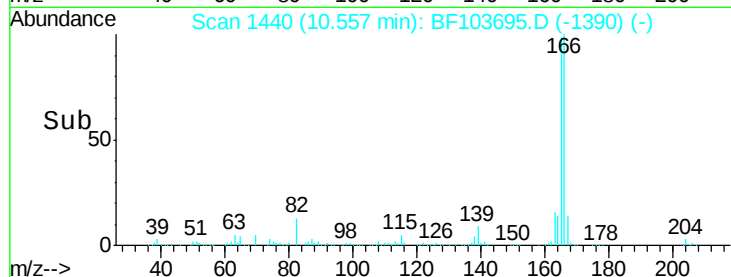
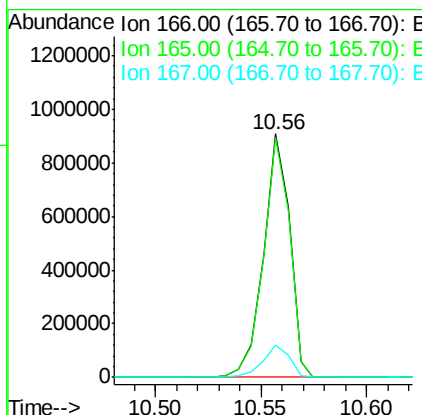
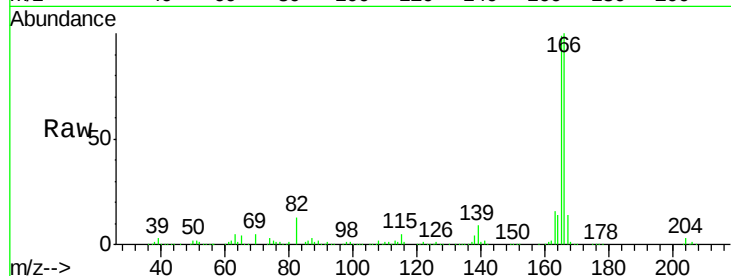




#57
 Fluorene
 Concen: 34.530 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

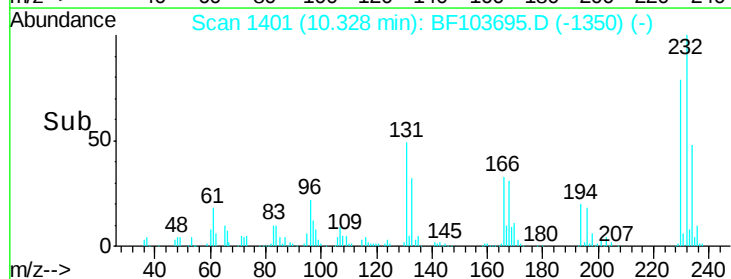
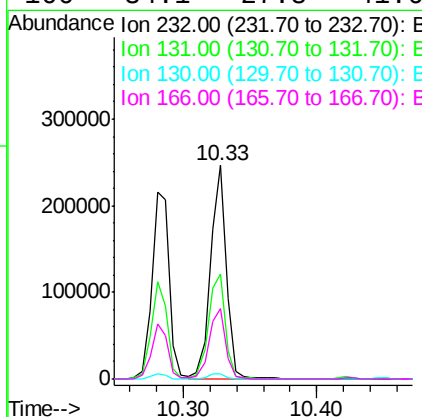
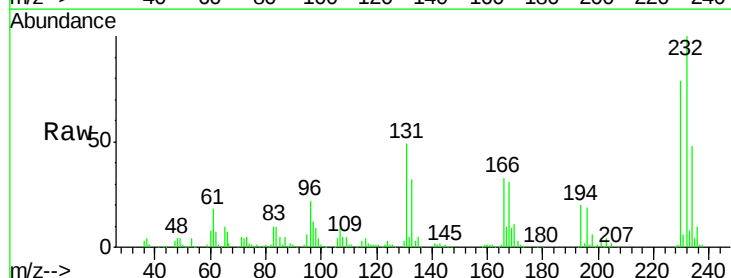
Instrument :
 BNA_F
 ClientSampleId :

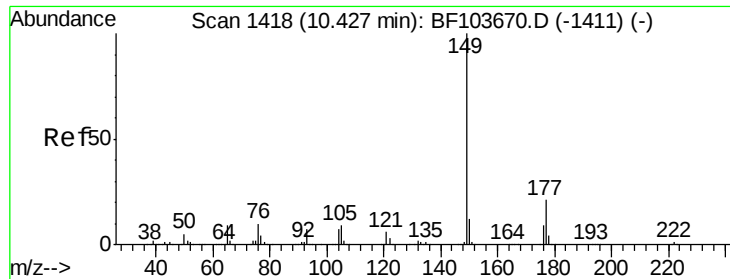
Tot Ion:166 Resp: 785810
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.736 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:232 Resp: 205104
 Ion Ratio Lower Upper
 232 100
 131 52.2 43.8 65.8
 130 2.6 2.1 3.1
 166 34.1 27.8 41.6

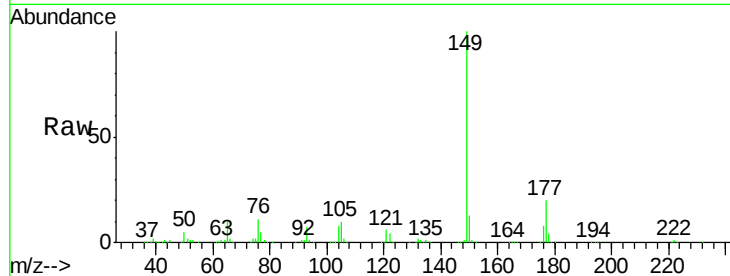




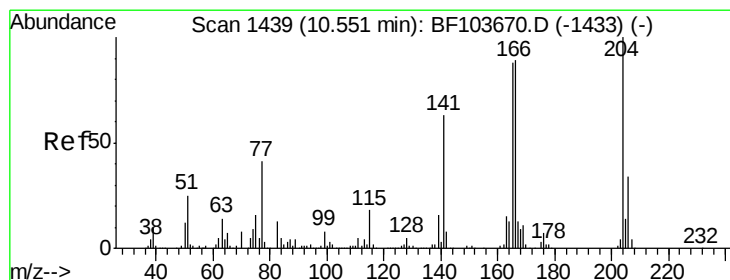
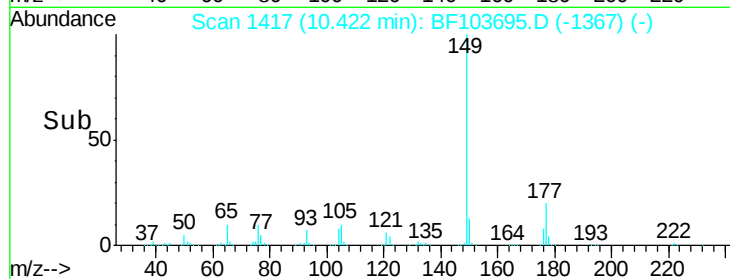
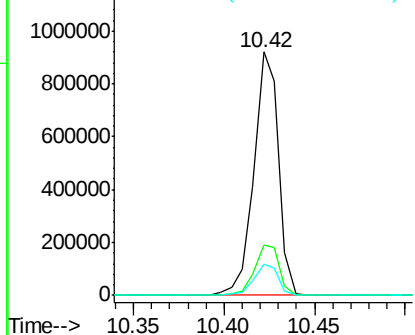
#59
Diethylphthalate
Concen: 34.009 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 867183
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.7 10.1 15.1

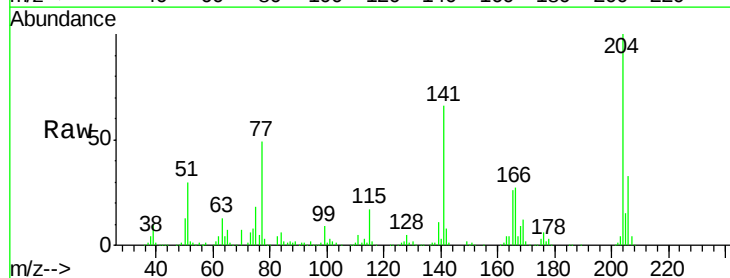


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

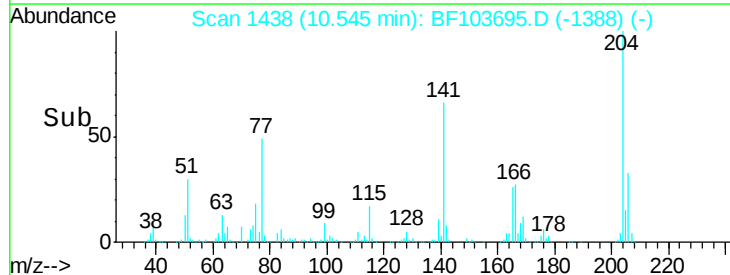
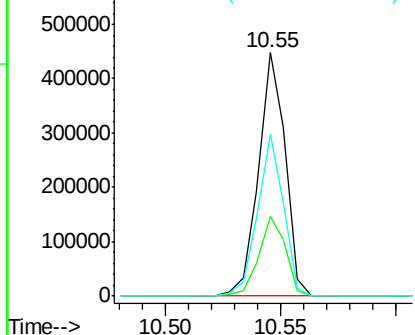


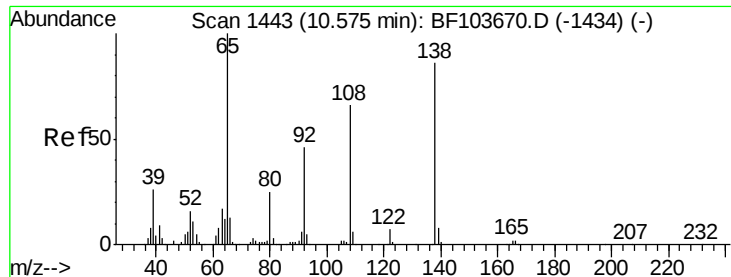
#60
4-Chlorophenyl-phenylether
Concen: 34.765 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion:204 Resp: 361573
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.3 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

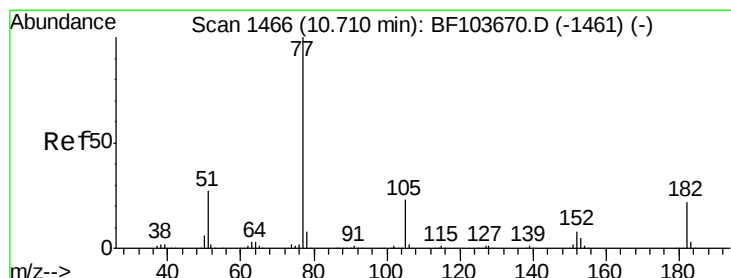
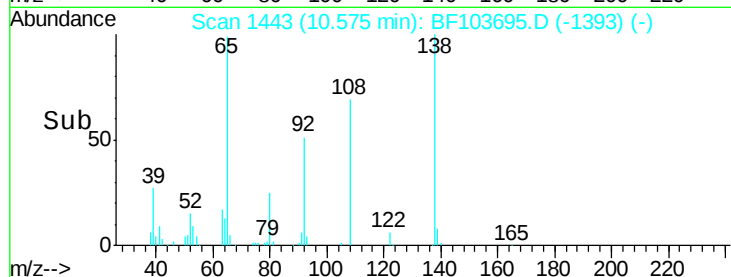
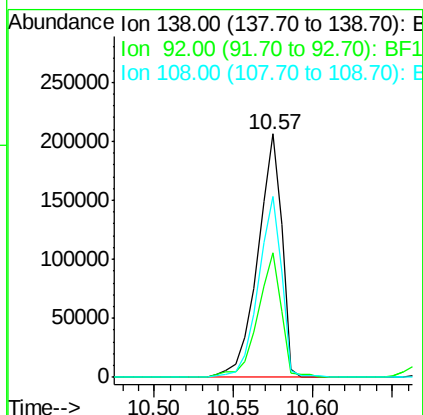
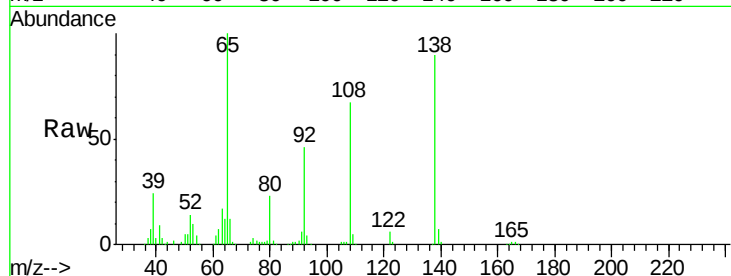




#61
4-Nitroaniline
Concen: 39.180 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

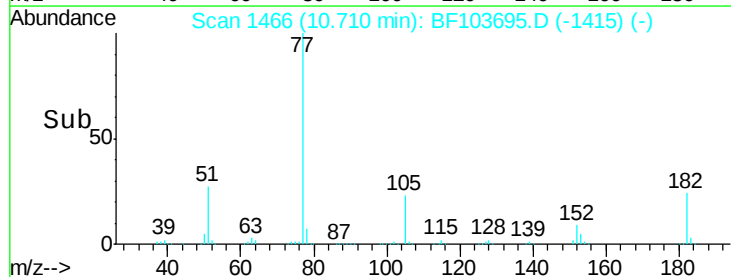
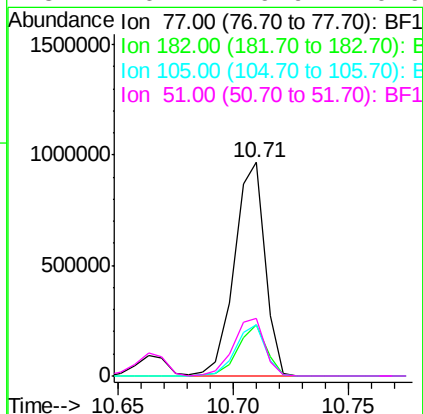
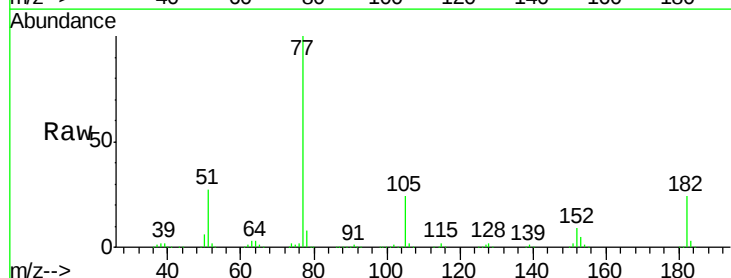
Instrument :
BNA_F
ClientSampleId :

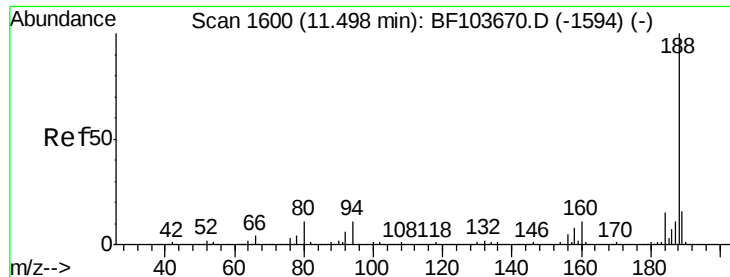
Tot Ion:138 Resp: 220317
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 74.5 52.5 92.5



#62
Azobenzene
Concen: 34.477 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion: 77 Resp: 893796
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 23.8 3.0 43.0
51 26.7 9.9 49.9

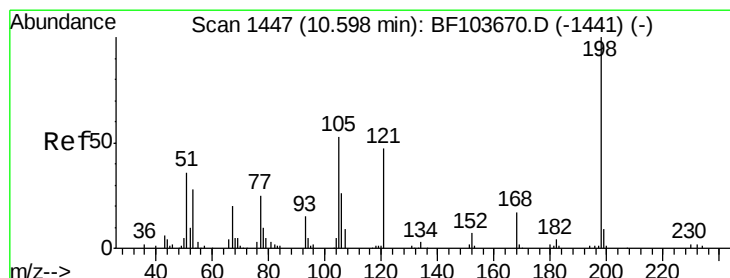
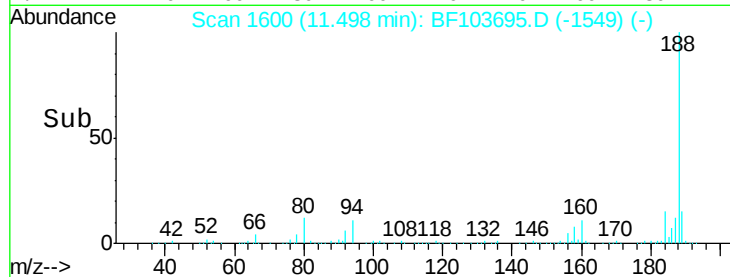
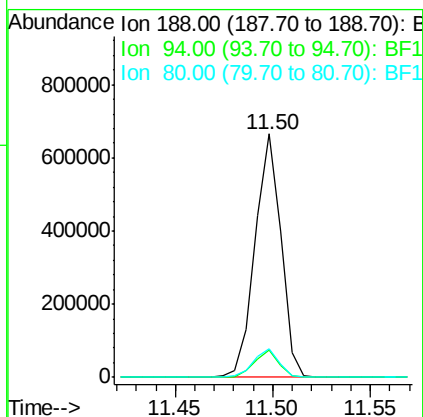
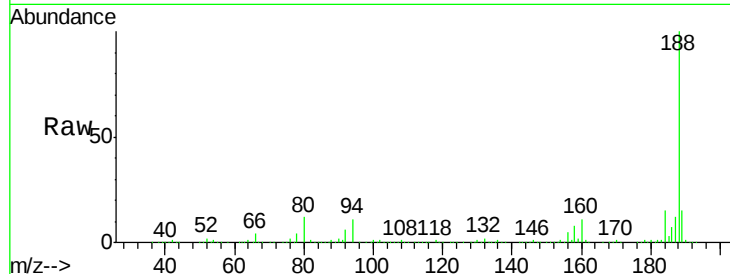




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

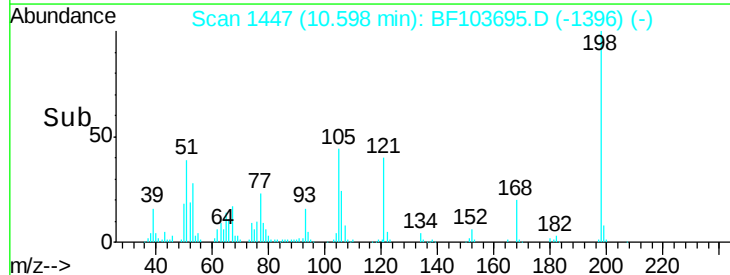
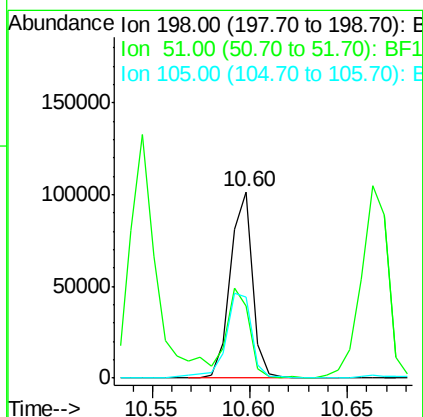
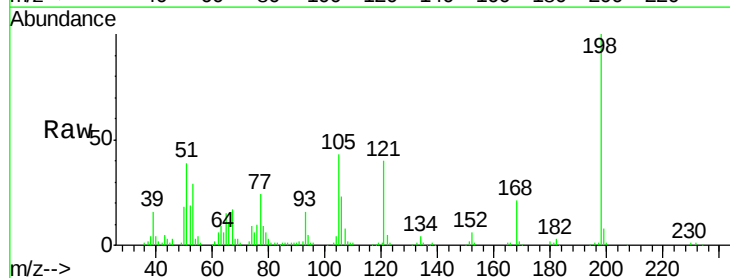
Instrument :
 BNA_F
 ClientSampled :

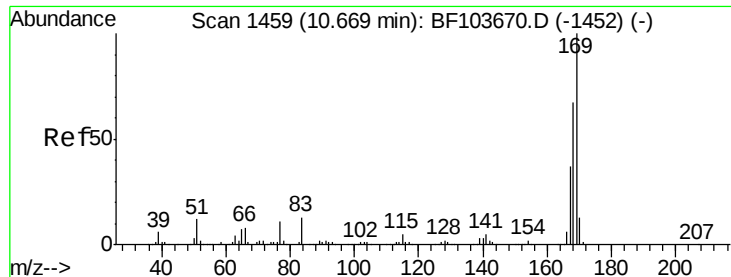
Tot Ion:188 Resp: 610957
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.276 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:198 Resp: 79596
 Ion Ratio Lower Upper
 198 100
 51 38.7 37.7 77.7
 105 43.4 36.3 76.3

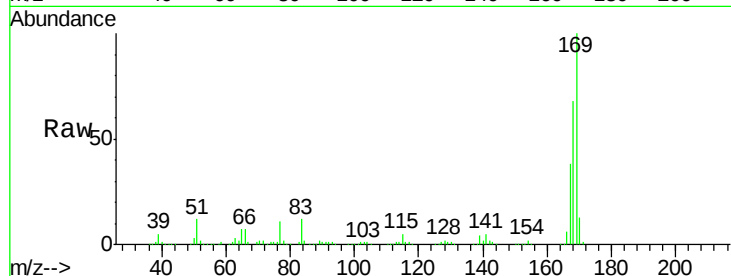




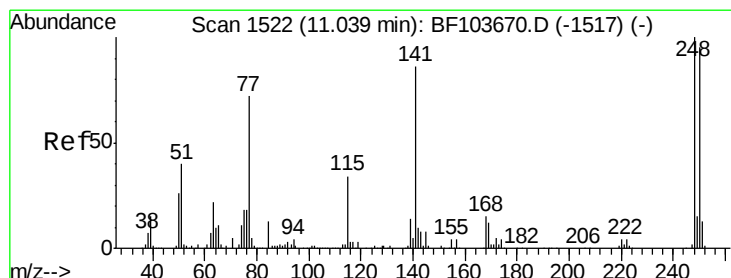
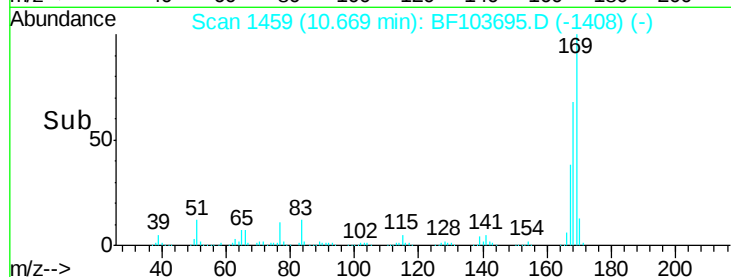
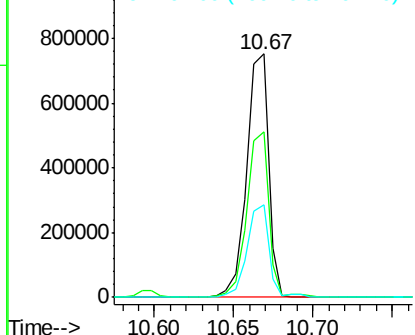
#65
 n-Nitrosodiphenylamine
 Concen: 34.503 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 717527
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 37.9 29.8 44.6

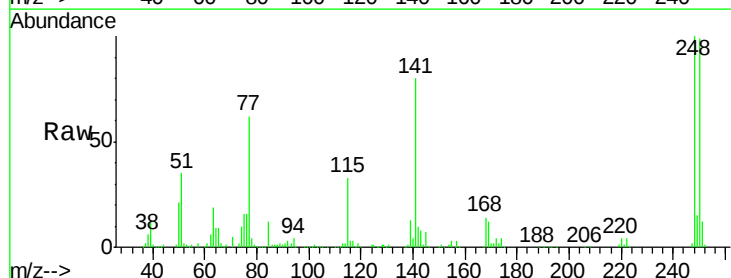


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

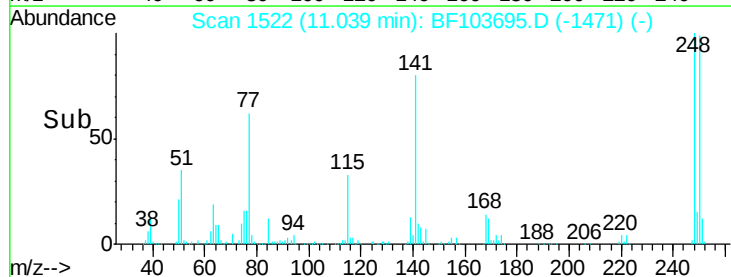
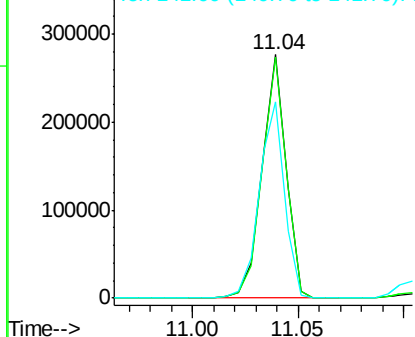


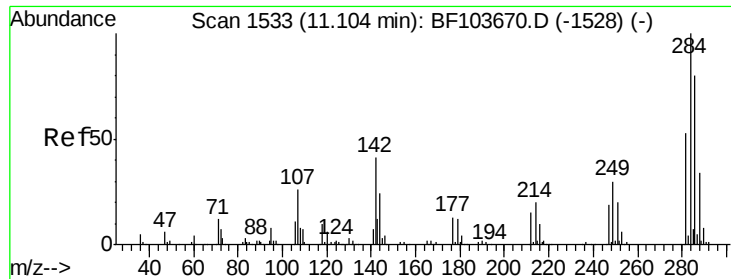
#66
 4-Bromophenyl-phenylether
 Concen: 35.174 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:248 Resp: 220642
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.9 115.3
 141 80.4 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: 33.904 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

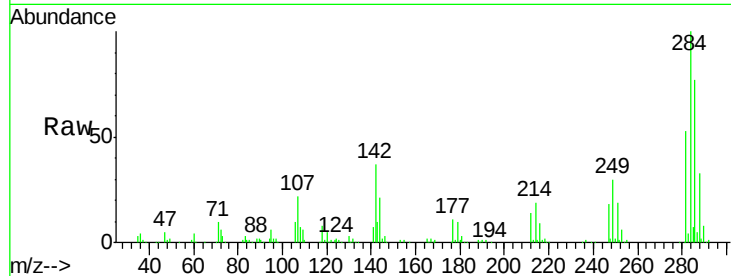
Tot Ion:284 Resp: 242734

Ion Ratio Lower Upper

284 100

142 36.6 34.6 52.0

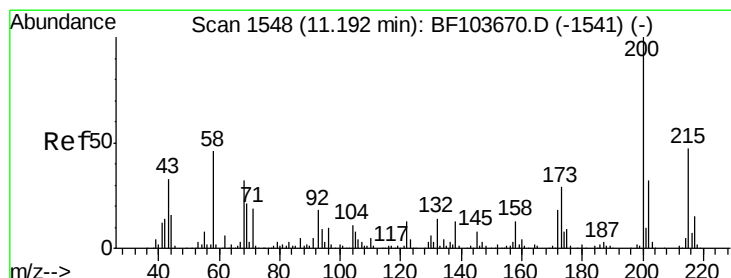
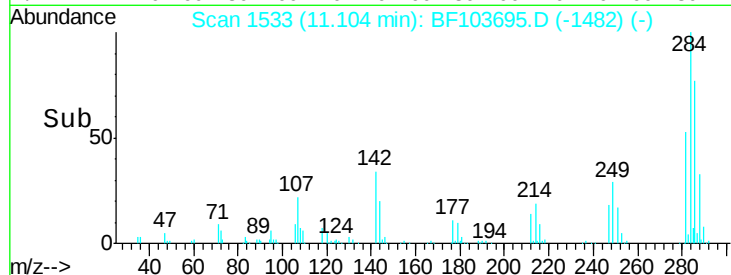
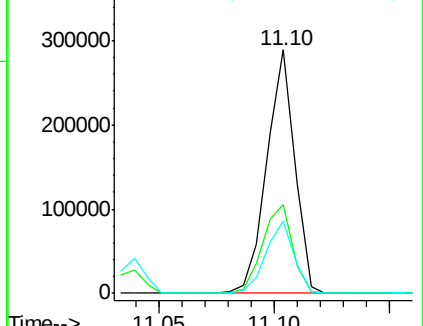
249 29.6 24.8 37.2



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: 35.671 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

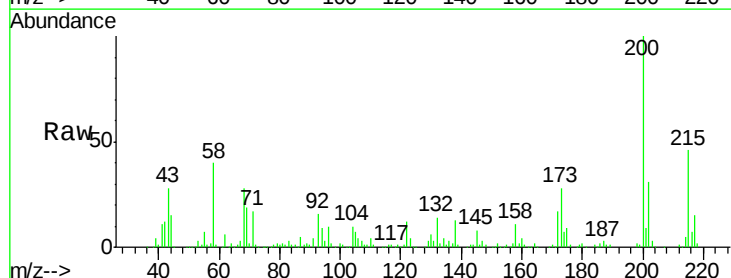
Tgt Ion:200 Resp: 229472

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

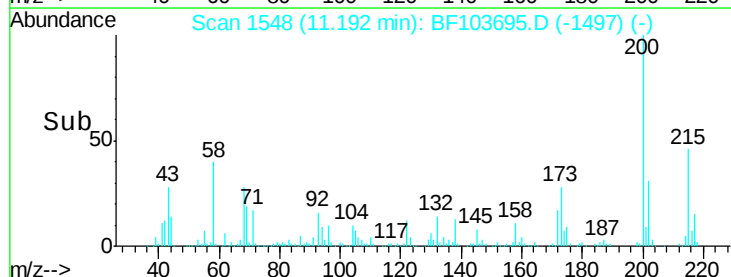
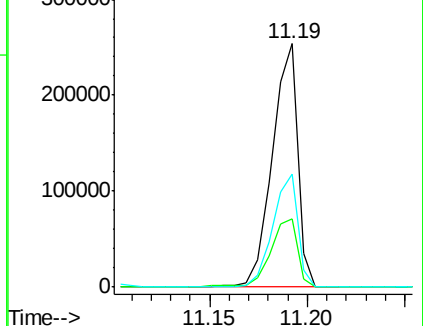
215 46.3 25.1 65.1

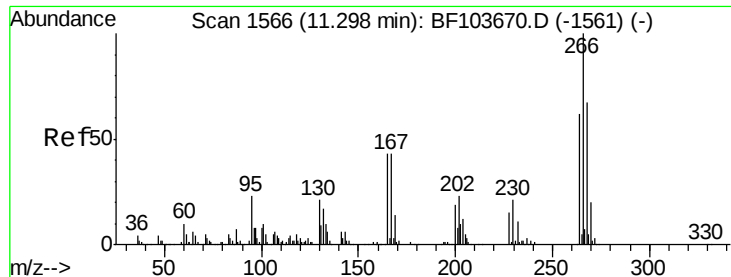


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

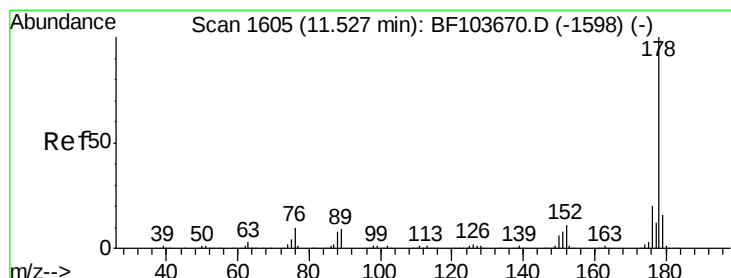
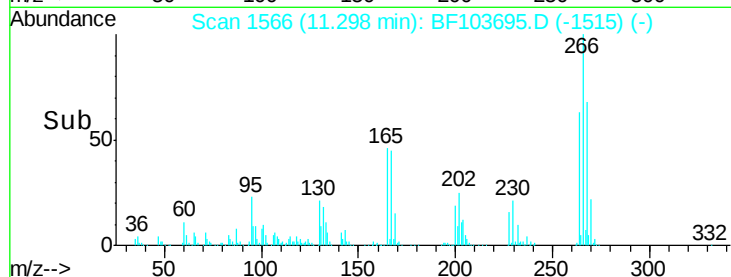
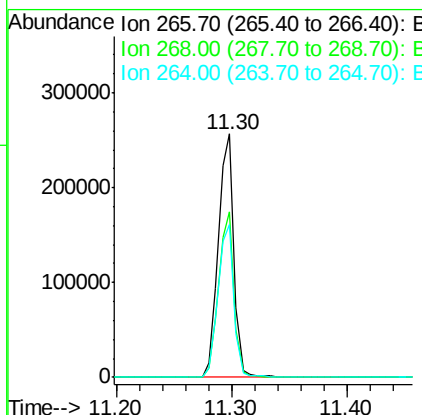
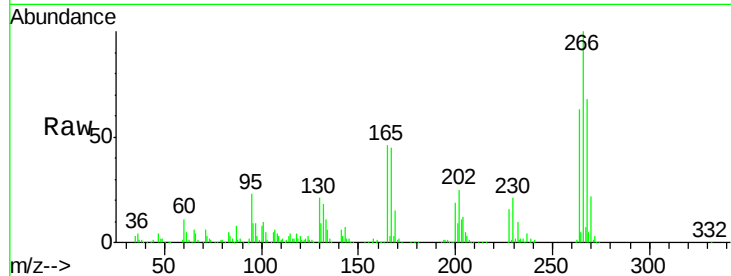




#69
 Pentachlorophenol
 Concen: 58.657 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

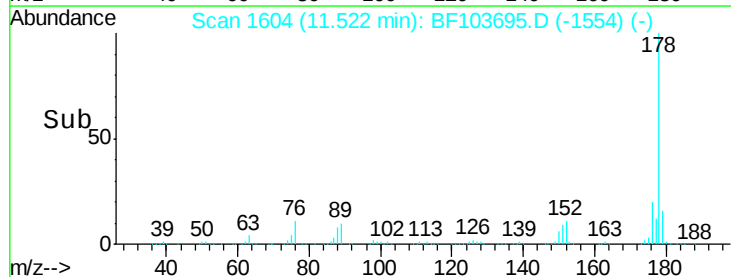
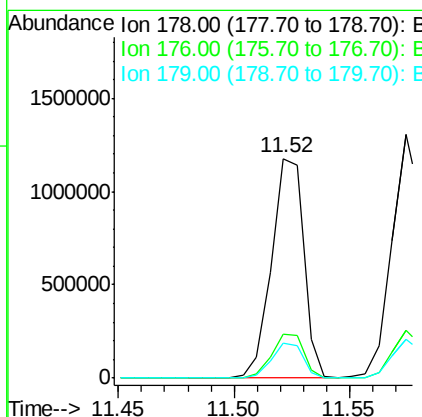
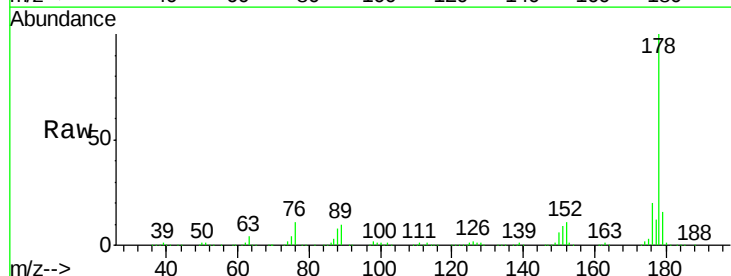
Instrument :
 BNA_F
 ClientSampleId :

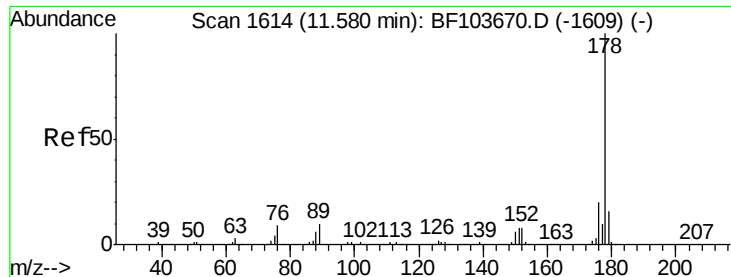
Tot Ion:266 Resp: 241438
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 34.093 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:178 Resp: 1139410
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.8 13.0 19.6

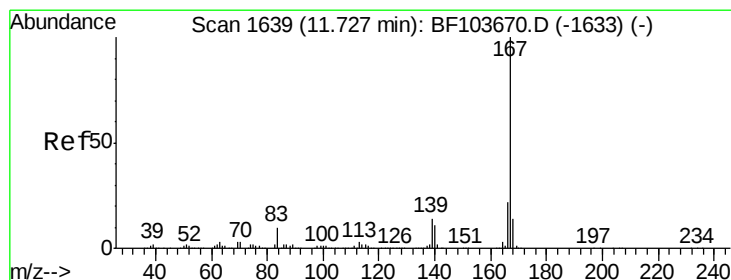
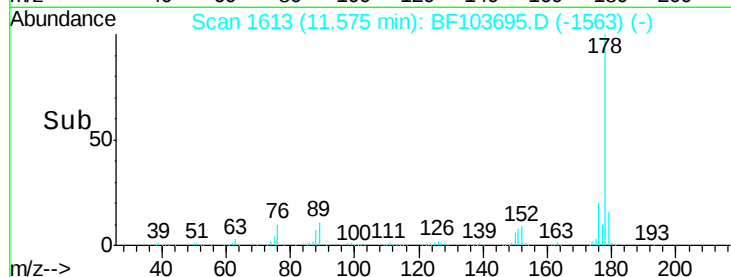
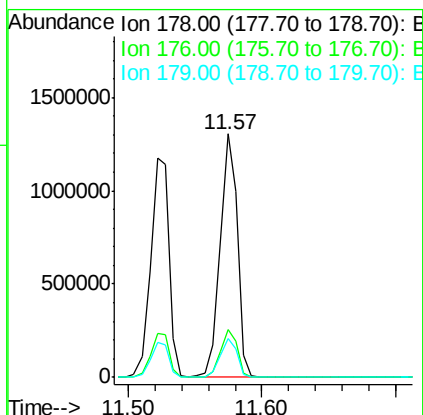
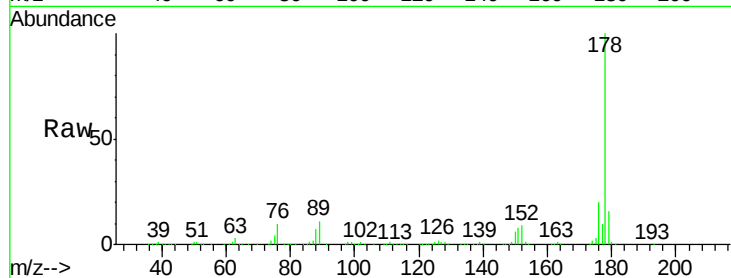




#71
 Anthracene
 Concen: 35.153 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

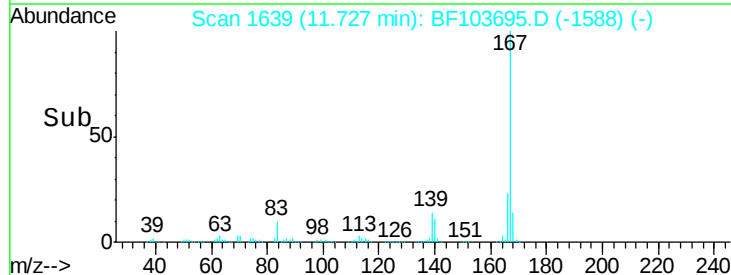
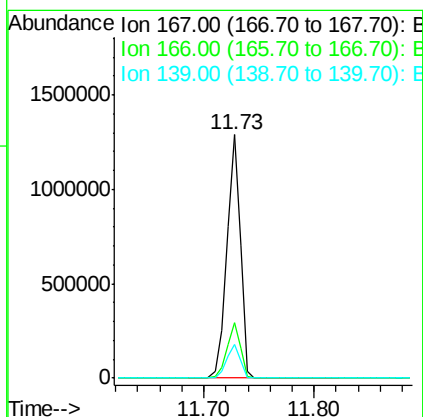
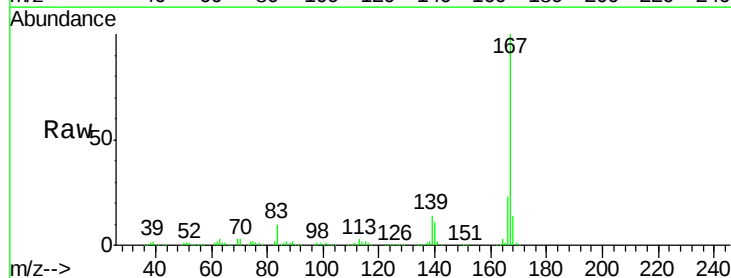
Instrument :
 BNA_F
 ClientSampleId :

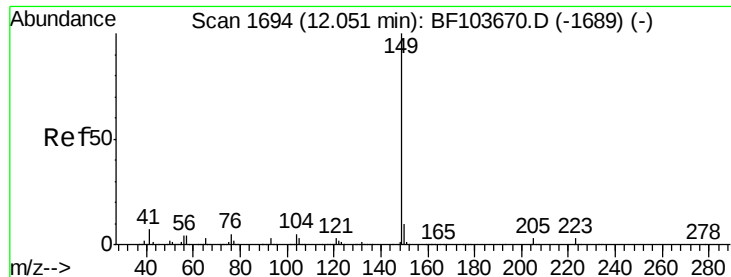
Tot Ion:178 Resp: 1193244
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 33.573 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:167 Resp: 1107652
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.443 ng

RT: 12.05 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

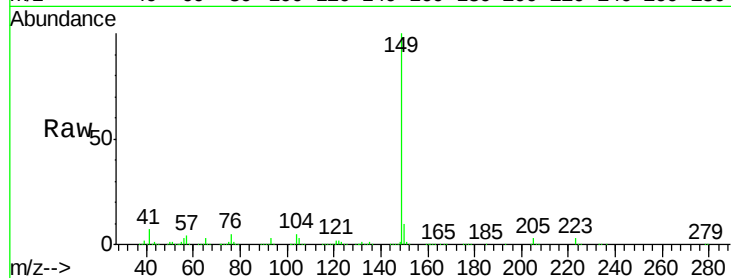
Tot Ion:149 Resp: 1363467

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

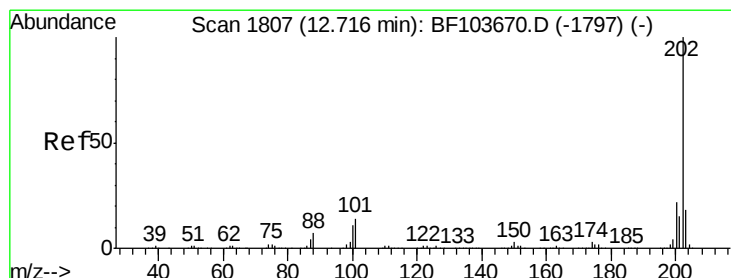
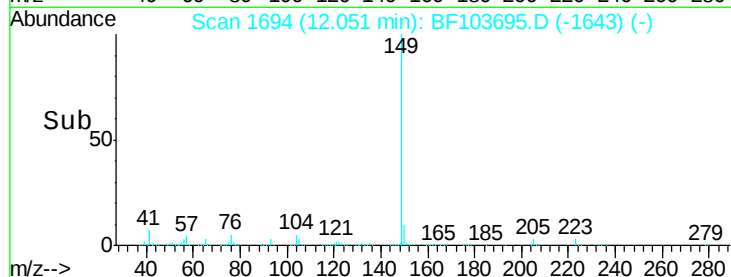
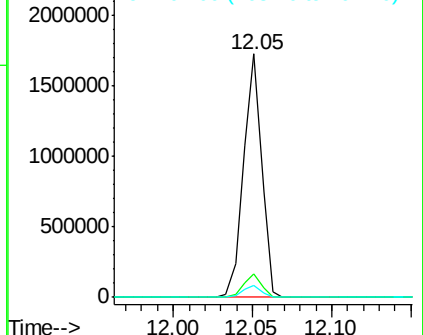
104 5.1 3.8 5.8



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: 34.858 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

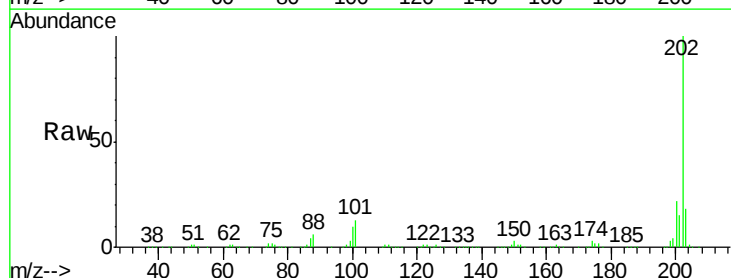
Tgt Ion:202 Resp: 1200195

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

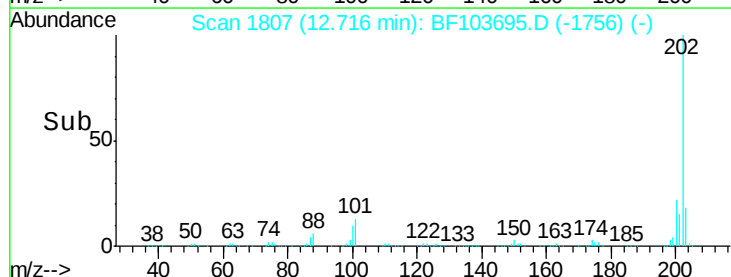
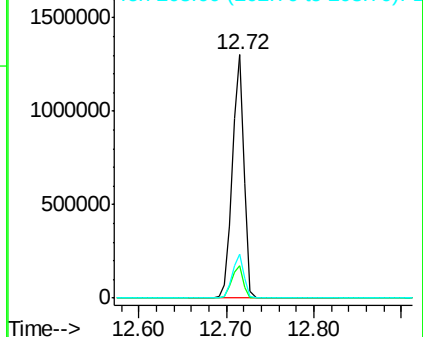
203 17.9 0.0 38.1

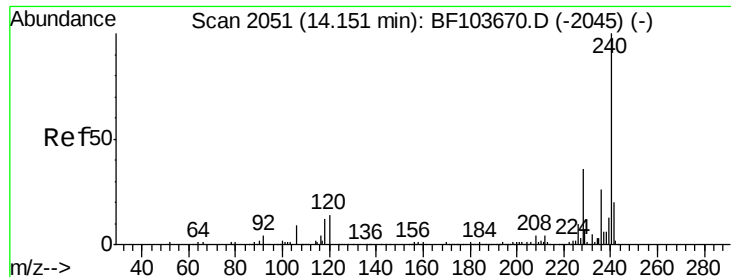


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

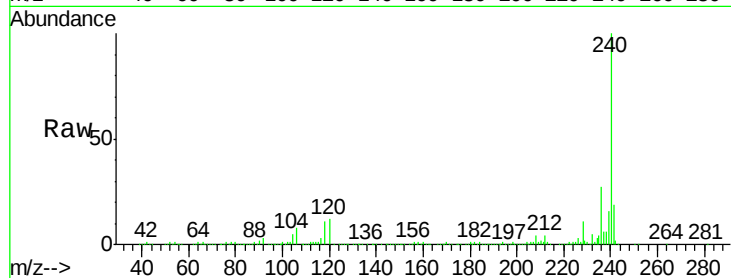
Tot Ion:240 Resp: 496998

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

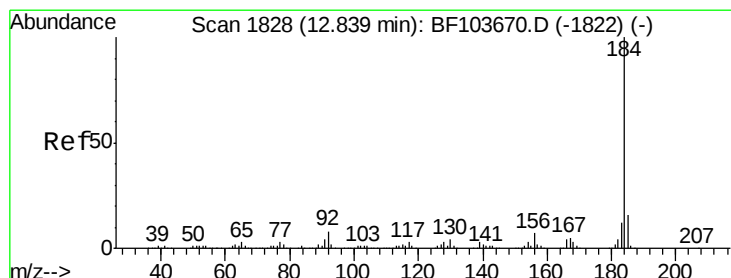
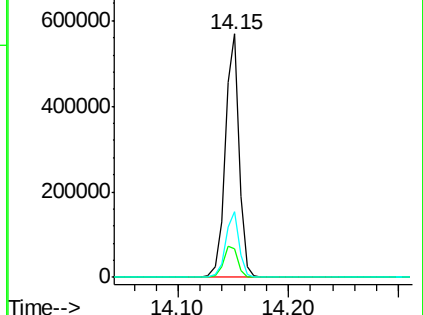
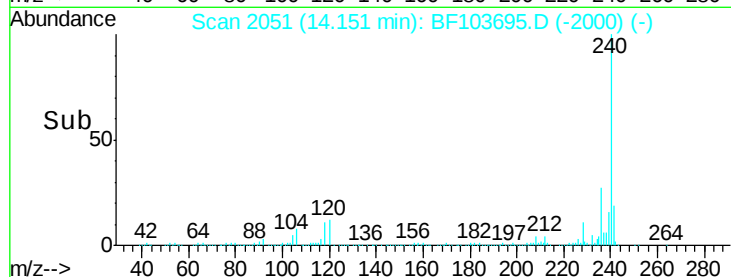
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.778 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

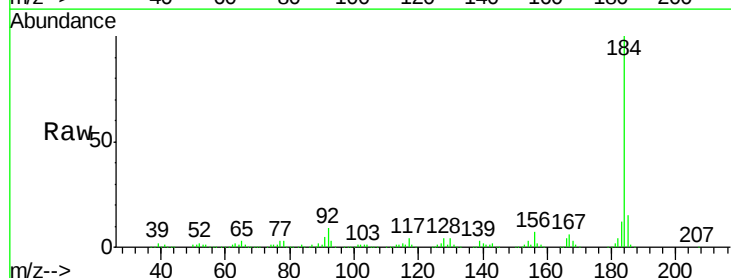
Tgt Ion:184 Resp: 546421

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

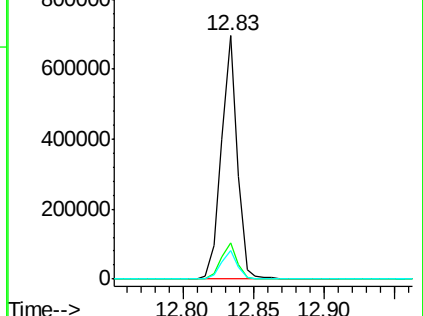
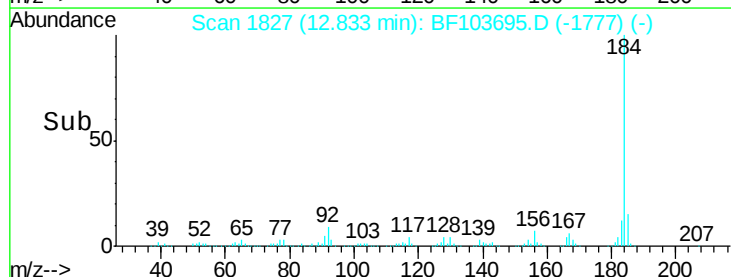
183 12.0 9.3 13.9

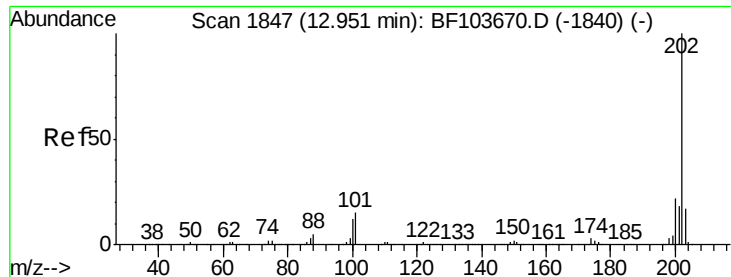


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

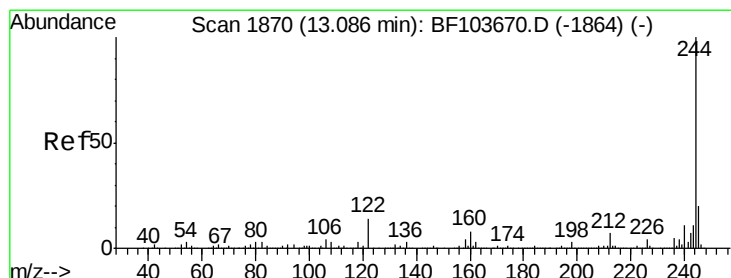
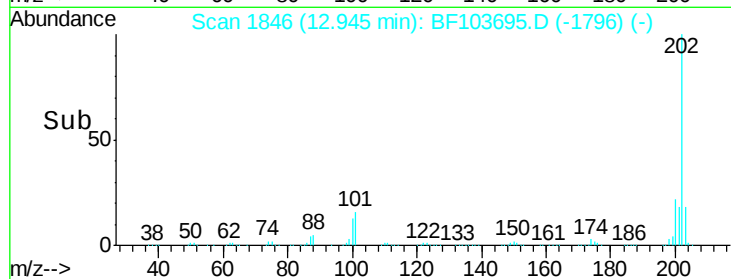
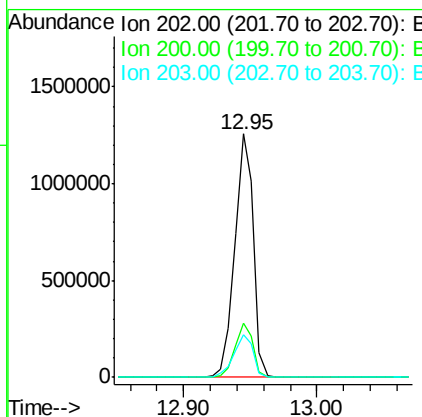
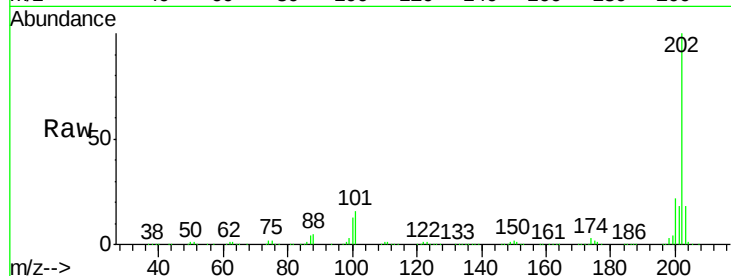




#77
 Pvrene
 Concen: 33.472 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

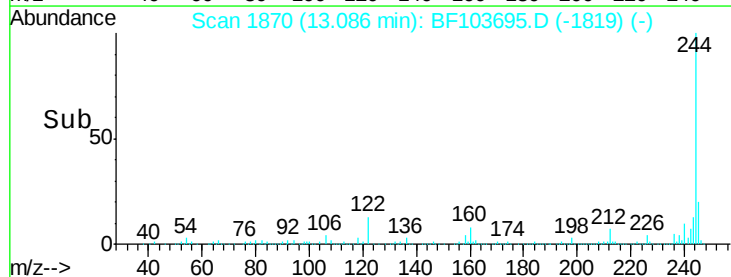
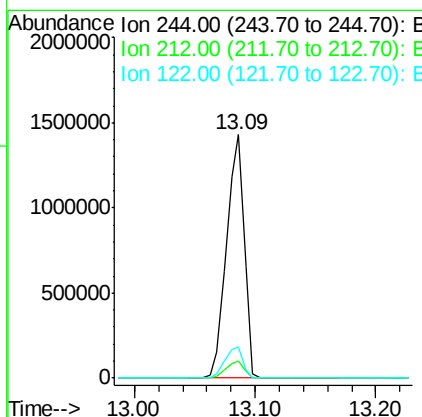
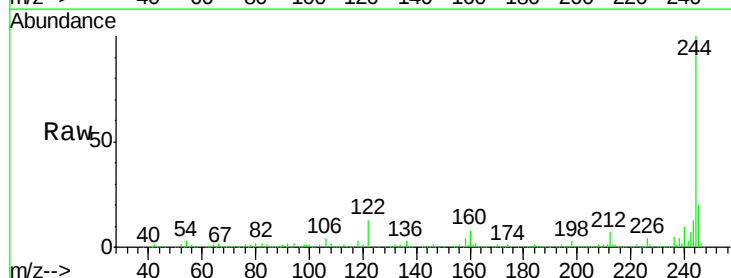
Instrument :
 BNA_F
 ClientSampleId :

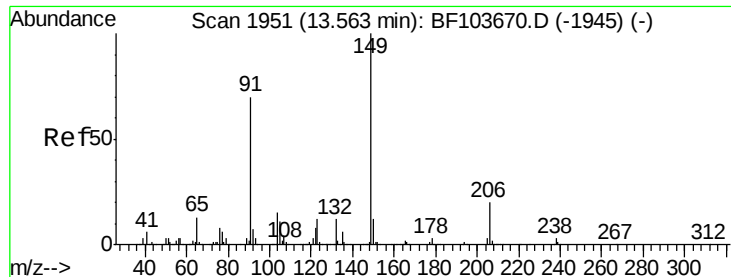
Tot Ion:202 Resp: 1221717
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 67.748 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:244 Resp: 1450612
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4

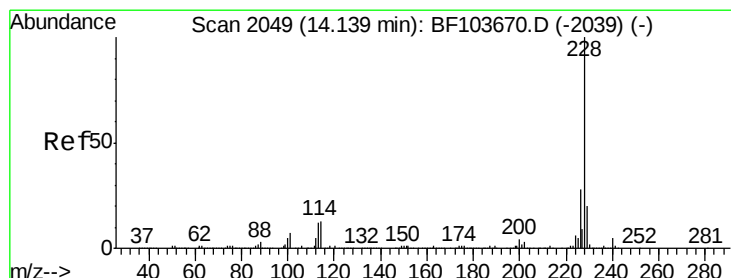
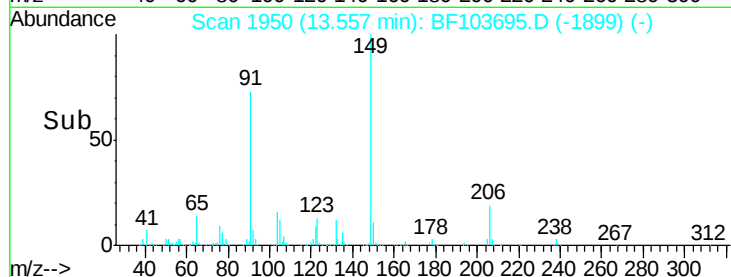
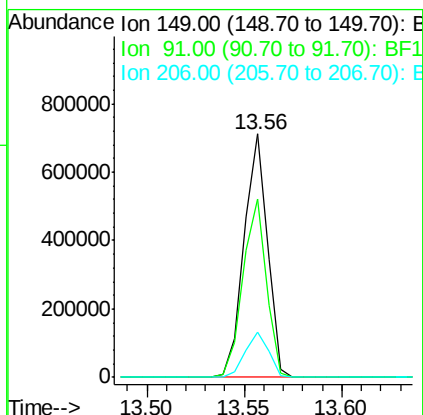
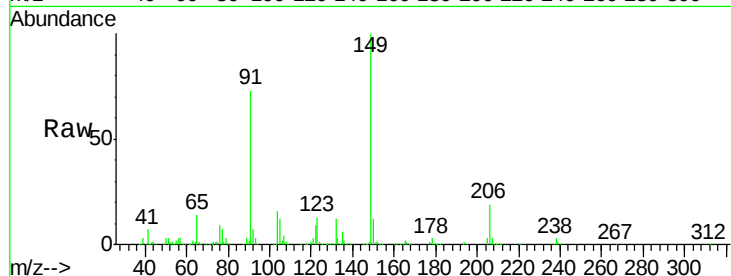




#79
Butylbenzylphthalate
Concen: 36.666 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

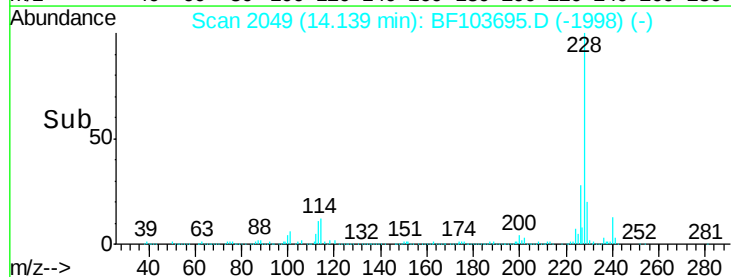
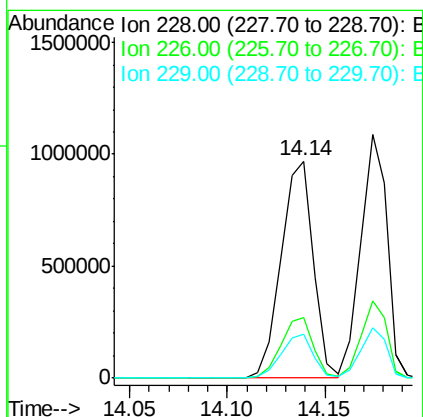
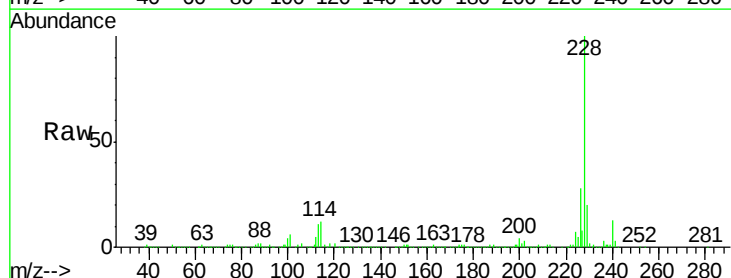
Instrument :
BNA_F
ClientSampleId :

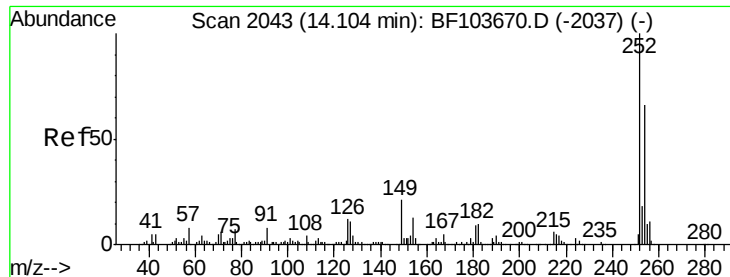
Tot Ion:149 Resp: 592922
Ion Ratio Lower Upper
149 100
91 73.4 56.8 85.2
206 18.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.051 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion:228 Resp: 1102698
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.1 15.8 23.6

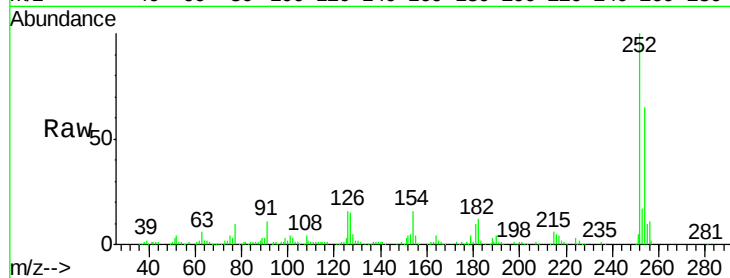




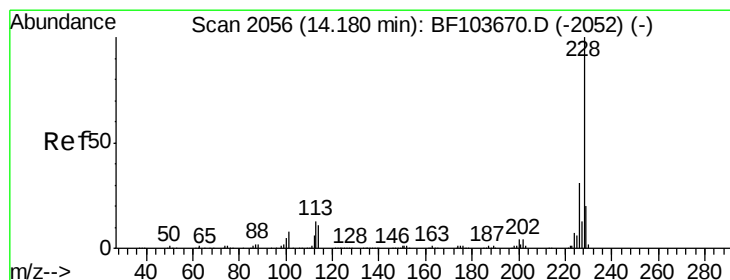
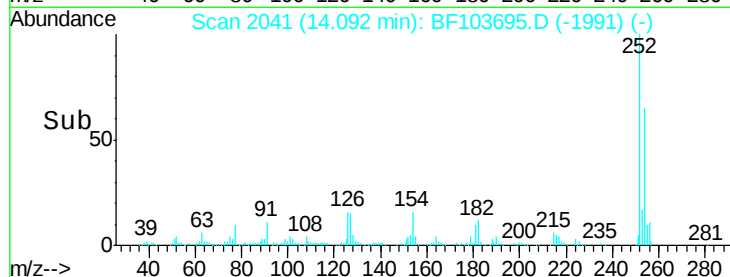
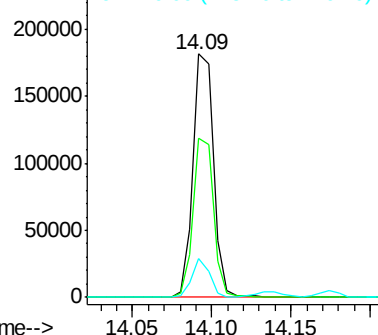
#81
 3,3'-Dichlorobenzidine
 Concen: 15.549 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 163624
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.4 75.6
 126 15.7 11.3 16.9

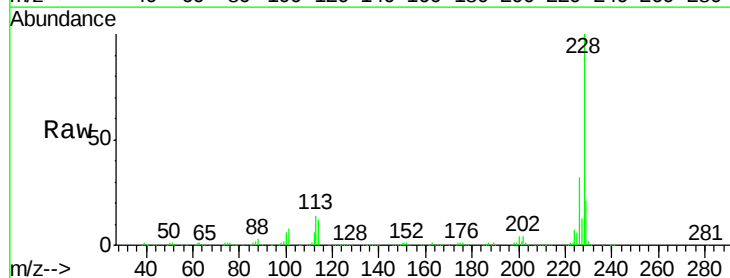


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

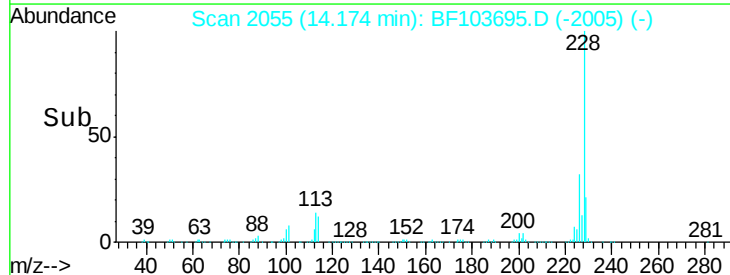
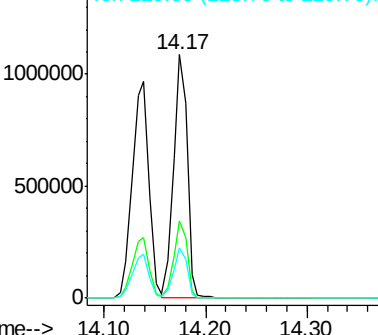


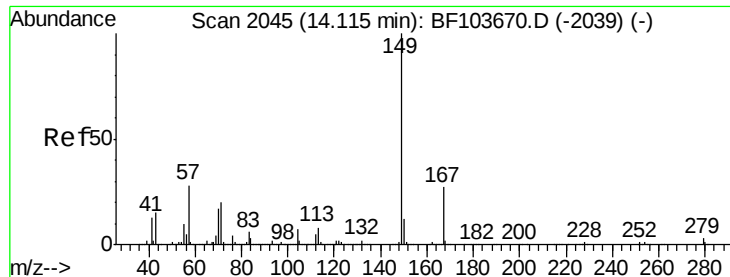
#82
 Chrysene
 Concen: 34.142 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:228 Resp: 1023881
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.6 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: 36.118 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

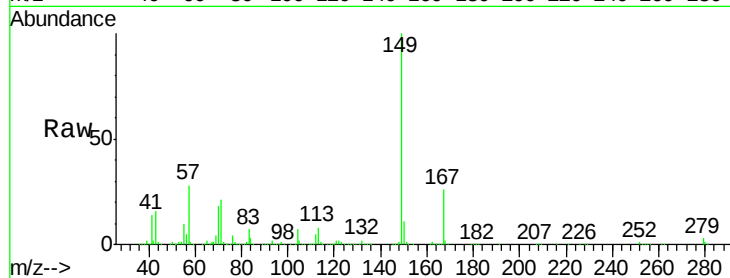
Tot Ion:149 Resp: 834382

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

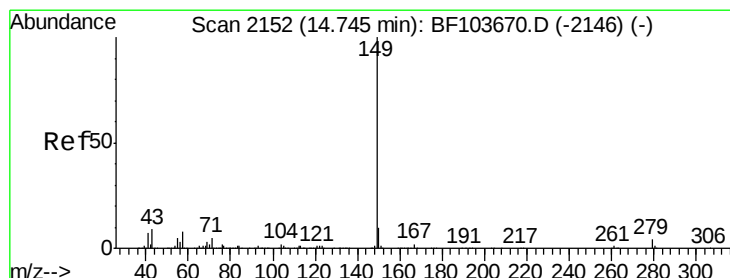
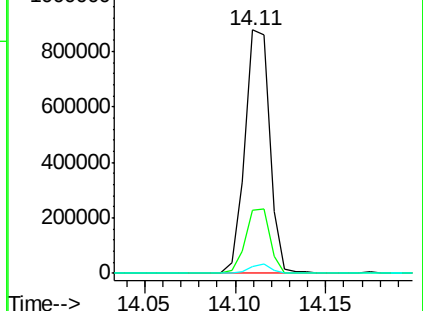
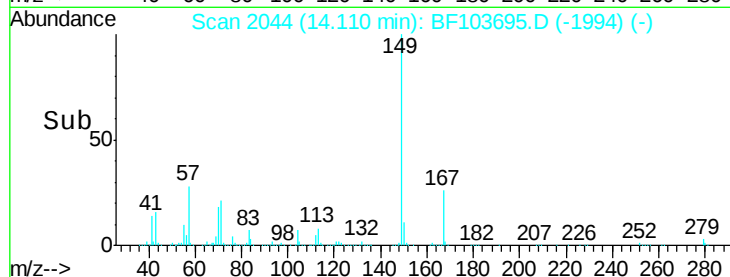
279 2.9 3.0 4.4#



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: 41.164 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

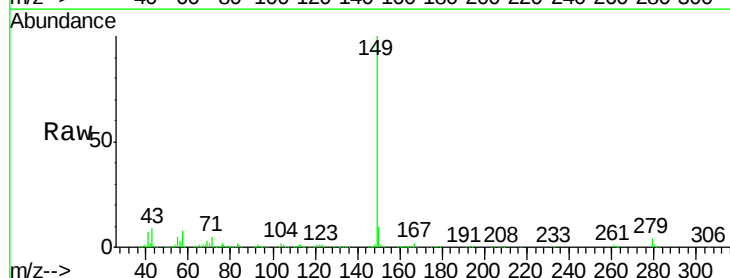
Tgt Ion:149 Resp: 1383490

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

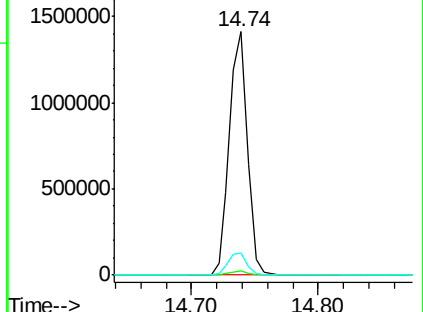
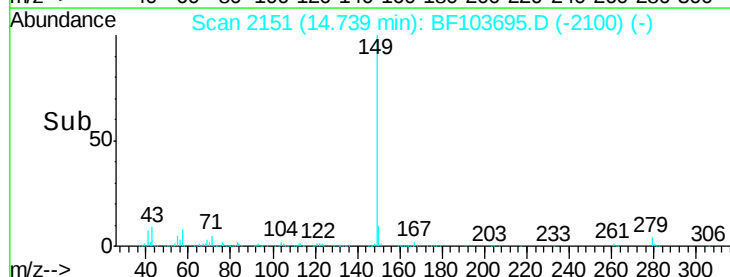
43 9.4 8.4 12.6

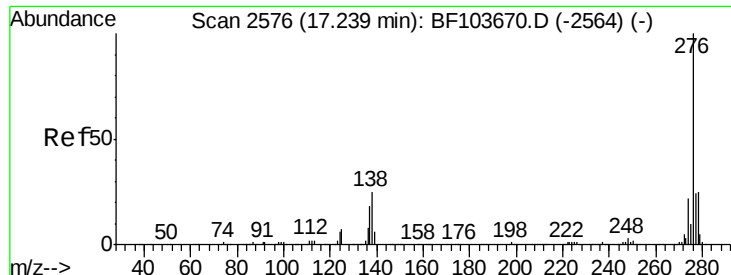


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

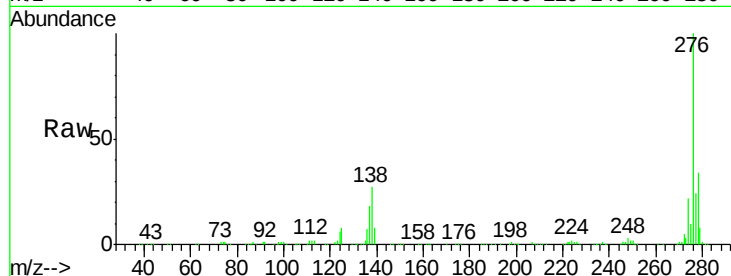




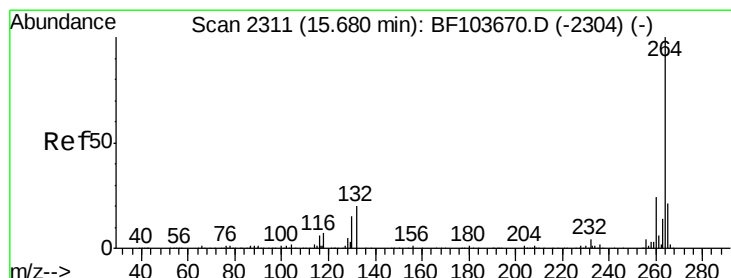
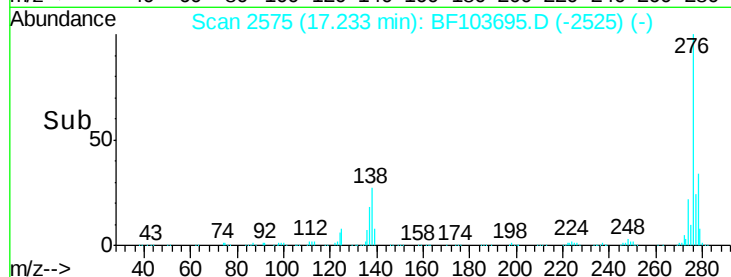
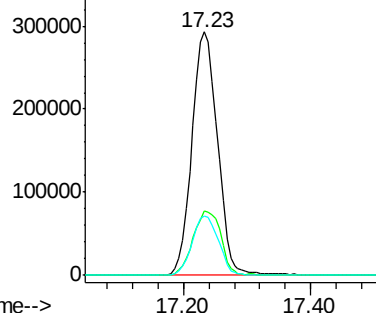
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.353 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 821118
Ion Ratio Lower Upper
276 100
138 28.8 25.0 37.6
277 25.3 20.1 30.1

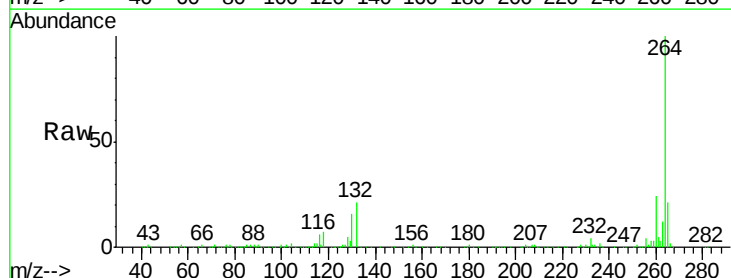


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

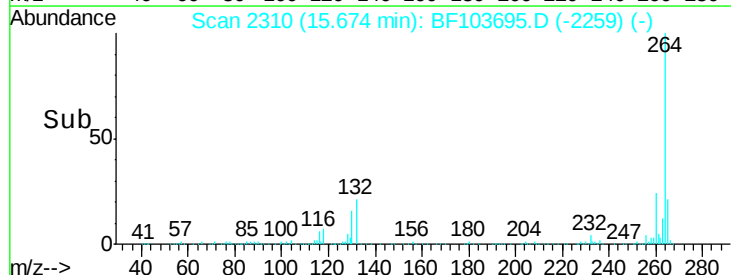
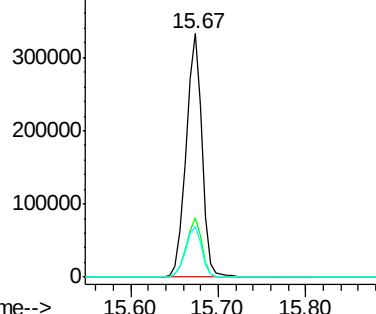


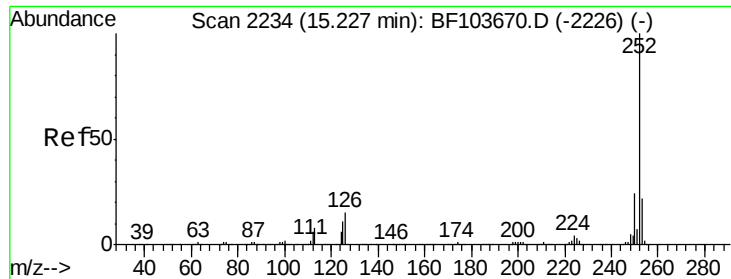
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion:264 Resp: 421309
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 20.7 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

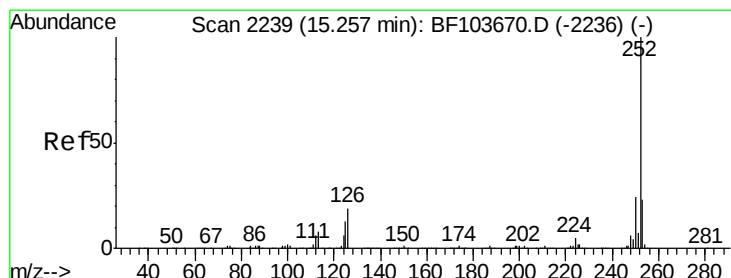
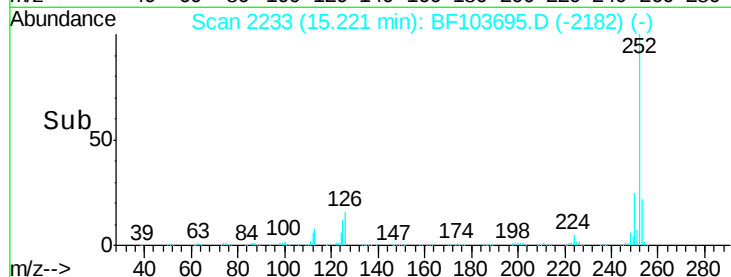
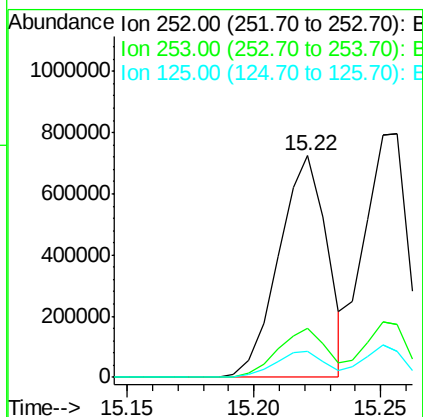
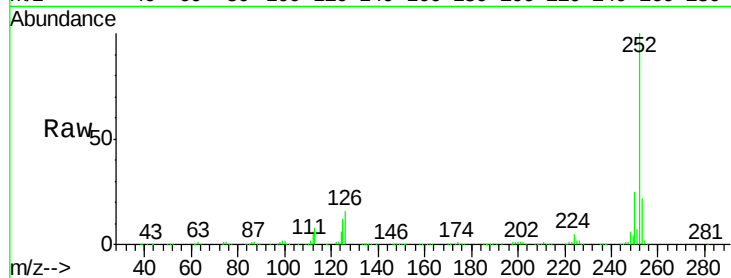




#87
Benzo(b)fluoranthene
Concen: 36.061 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

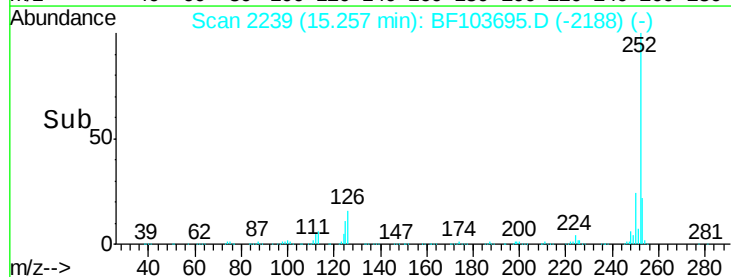
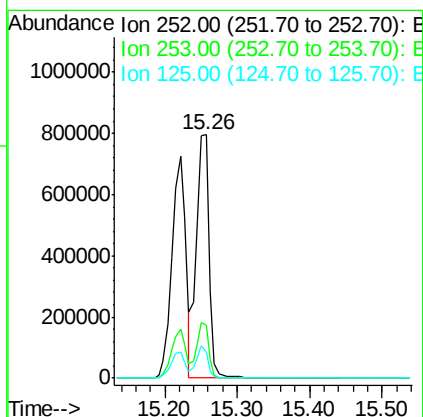
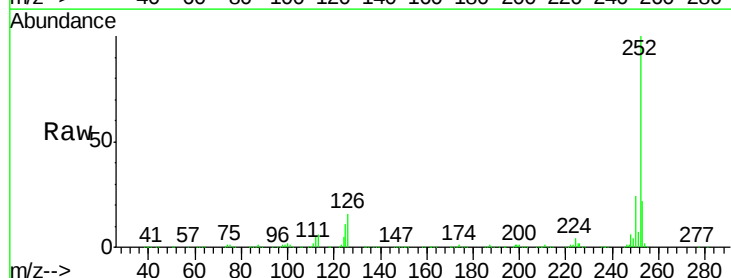
Instrument :
BNA_F
ClientSampleId :

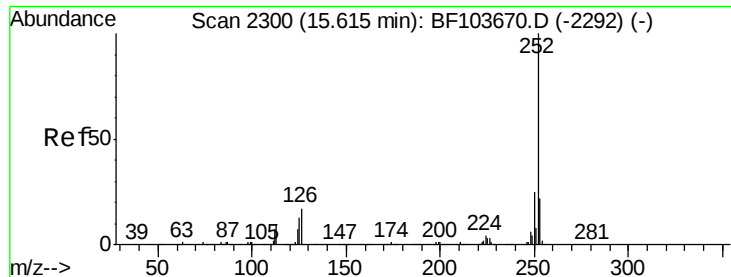
Tot Ion:252 Resp: 959838
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.862 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion:252 Resp: 968748
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.016 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

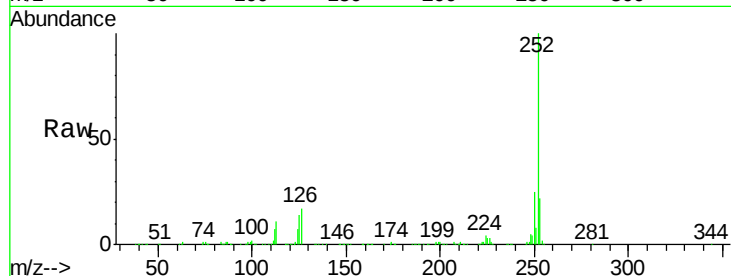
Tot Ion:252 Resp: 893643

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

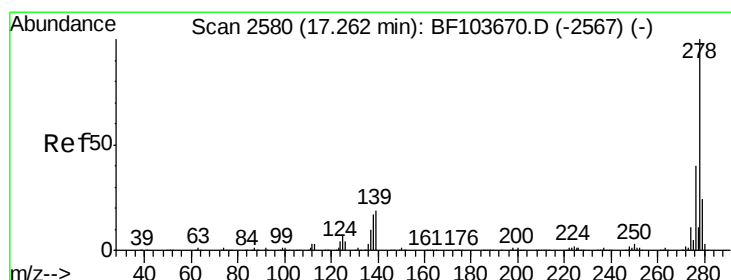
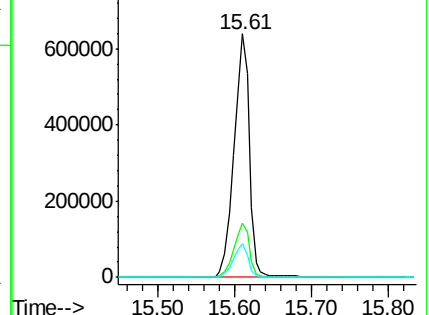
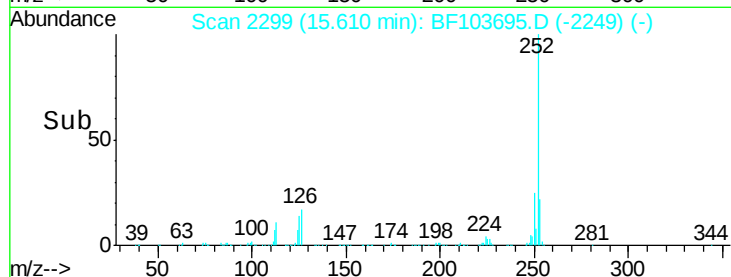
125 13.7 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 32.808 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

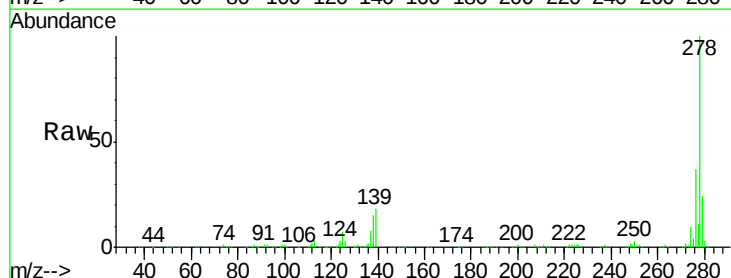
Tgt Ion:278 Resp: 685838

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

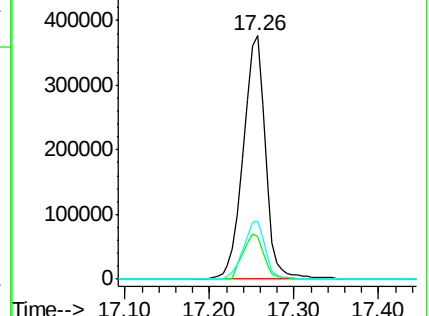
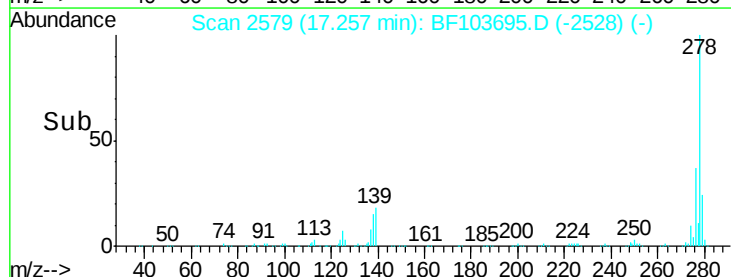
279 23.7 19.0 28.4

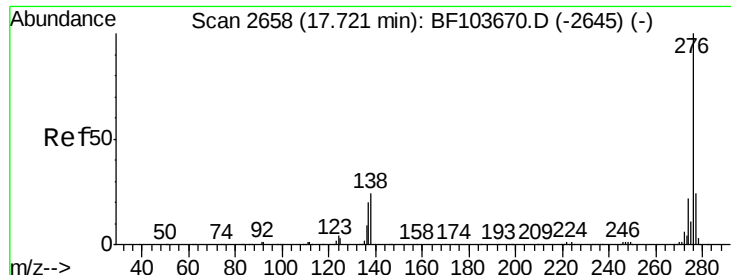


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.896 ng

RT: 17.71 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

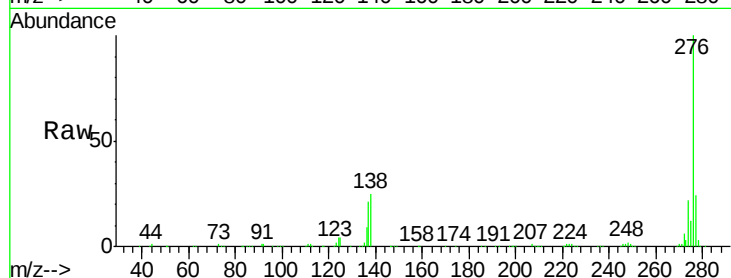
Tot Ion: 276 Resp: 668998

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 25.0 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

