

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103694.D
 Acq On : 16 Mar 2018 14:12
 Operator : JU/SJ
 Sample : PB107310BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 15:54:08 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	6.97	152	170635	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	714101	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	334228	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	594453	20.00	ng	0.00
75) Chrysene-d12	14.17	240	491829	20.00	ng	0.02
86) Perylene-d12	15.72	264	423111	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	940898	83.87	ng	0.01
7) Phenol-d6	6.59	99	1165714	84.93	ng	0.00
23) Nitrobenzene-d5	7.53	82	988825	96.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	270598	94.16	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1659435	79.20	ng	0.00
78) Terphenyl-d14	13.09	244	1613940	76.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	183278	33.178	ng	92
3) Pyridine	3.66	79	510658	33.609	ng	89
4) n-Nitrosodimethylamine	3.62	42	228924	40.862	ng	91
6) Aniline	6.63	93	428382	21.858	ng	99
8) 2-Chlorophenol	6.75	128	473975	40.331	ng	97
9) Benzaldehyde	6.52	77	207526	23.015	ng	99
10) Phenol	6.60	94	588907	40.379	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	459417	38.158	ng	99
12) 1,3-Dichlorobenzene	6.91	146	480643	35.909	ng	100
13) 1,4-Dichlorobenzene	6.99	146	484730	36.039	ng	99
14) 1,2-Dichlorobenzene	7.14	146	450881	36.125	ng	98
15) Benzyl Alcohol	7.10	79	417740	39.282	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	633047	36.968	ng	96
17) 2-Methylphenol	7.21	107	400636	38.281	ng	99
18) Hexachloroethane	7.48	117	182929	38.665	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	323922	36.826	ng	96
20) 3+4-Methylphenols	7.36	107	494219	37.211	ng	88
22) Acetophenone	7.37	105	636138	34.662	ng	95
24) Nitrobenzene	7.55	77	496670	41.314	ng	98
25) Isophorone	7.79	82	937745	39.559	ng	99
26) 2-Nitrophenol	7.86	139	228370	49.549	ng	98
27) 2,4-Dimethylphenol	7.89	122	449409	44.254	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	594252	41.399	ng	99
29) 2,4-Dichlorophenol	8.10	162	384898	41.659	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	388346	36.240	ng	100
31) Naphthalene	8.27	128	1319776	36.587	ng	99
32) Benzoic acid	7.97	122	88068	19.659	ng	95
33) 4-Chloroaniline	8.31	127	160765	10.623	ng	100
34) Hexachlorobutadiene	8.39	225	207747	35.359	ng	99
35) Caprolactam	8.68	113	62195	19.549	ng	98
36) 4-Chloro-3-methylphenol	8.79	107	420119	41.247	ng	100
37) 2-Methylnaphthalene	8.96	142	875025	38.251	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	347962	36.493	ng	99
40) Hexachlorocyclopentadiene	9.12	237	408444	83.014	ng	97

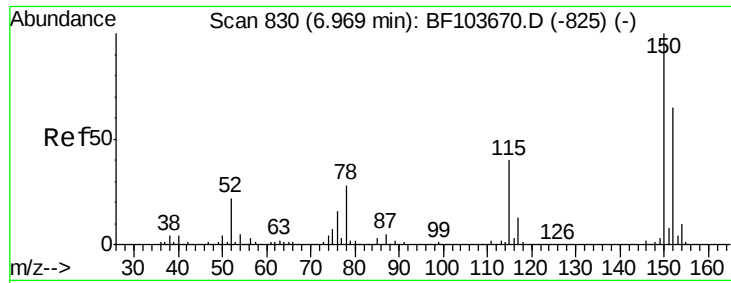
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	262115	42.977	nq	100
43) 2,4,5-Trichlorophenol	9.27	196	275821	40.068	nq	98
45) 1,1'-Biphenyl	9.43	154	1003320	36.000	nq	100
46) 2-Chloronaphthalene	9.46	162	809589	36.574	nq	98
47) 2-Nitroaniline	9.55	65	254384	44.507	nq	95
48) Acenaphthylene	9.87	152	1241040	36.155	nq	99
49) Dimethylphthalate	9.73	163	947515	37.158	nq	100
50) 2,6-Dinitrotoluene	9.79	165	214669	43.890	nq	96
51) Acenaphthene	10.05	154	774211	37.986	nq	99
52) 3-Nitroaniline	9.96	138	137310	25.195	nq	98
53) 2,4-Dinitrophenol	10.06	184	90267	67.394	nq	# 24
54) Dibenzofuran	10.22	168	1113078	38.238	nq	97
55) 4-Nitrophenol	10.11	139	393203	83.961	nq	98
56) 2,4-Dinitrotoluene	10.19	165	286243	46.088	nq	97
57) Fluorene	10.56	166	837763	37.089	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	222210	45.556	nq	98
59) Diethylphthalate	10.43	149	936153	36.989	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	387435	37.531	nq	99
61) 4-Nitroaniline	10.58	138	239800	42.602	nq	98
62) Azobenzene	10.71	77	968369	37.634	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	86129	42.124	nq	92
65) n-Nitrosodiphenylamine	10.67	169	768974	38.004	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	237250	38.871	nq	94
67) Hexachlorobenzene	11.10	284	262832	37.730	nq	95
68) Atrazine	11.19	200	246384	39.363	nq	99
69) Pentachlorophenol	11.30	266	263362	65.759	nq	97
70) Phenanthrene	11.53	178	1212098	37.275	nq	99
71) Anthracene	11.58	178	1273855	38.570	nq	100
72) Carbazole	11.73	167	1202310	37.454	nq	99
73) Di-n-butylphthalate	12.05	149	1476525	38.334	nq	99
74) Fluoranthene	12.72	202	1295674	38.676	nq	100
76) Benzidine	12.83	184	576308	27.474	nq	99
77) Pyrene	12.95	202	1308036	36.214	nq	99
79) Butylbenzylphthalate	13.56	149	642489	40.148	nq	98
80) Benzo(a)anthracene	14.15	228	1199216	38.520	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	158534	15.224	nq	97
82) Chrysene	14.20	228	1124110	37.878	nq	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	907227	39.684	nq	# 100
84) Di-n-octyl phthalate	14.78	149	1491674	44.850	nq	97
85) Indeno(1,2,3-cd)pyrene	17.29	276	915152	35.311	nq	97
87) Benzo(b)fluoranthene	15.26	252	1125246	42.095	nq	98
88) Benzo(k)fluoranthene	15.30	252	969347	37.724	nq	99
89) Benzo(a)pyrene	15.66	252	987876	40.745	nq	100
90) Dibenzo(a,h)anthracene	17.30	278	765005	36.439	nq	98
91) Benzo(g,h,i)perylene	17.76	276	748350	36.641	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampled :

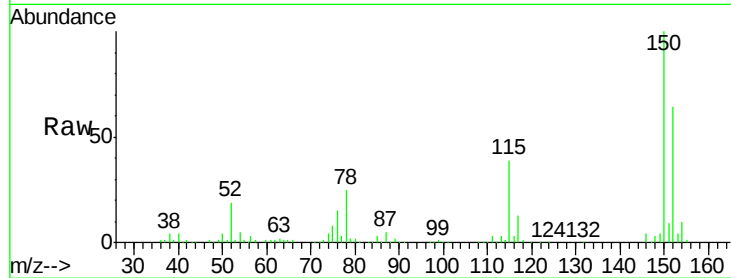
Tot Ion:152 Resp: 170635

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

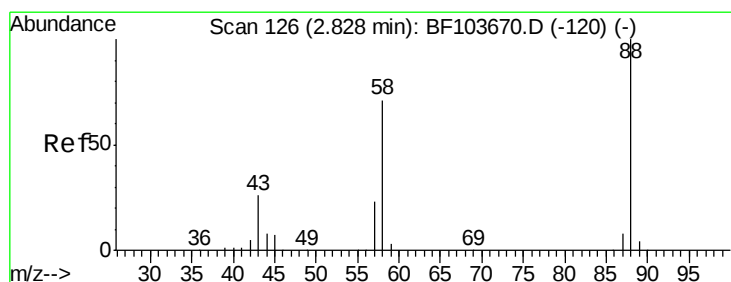
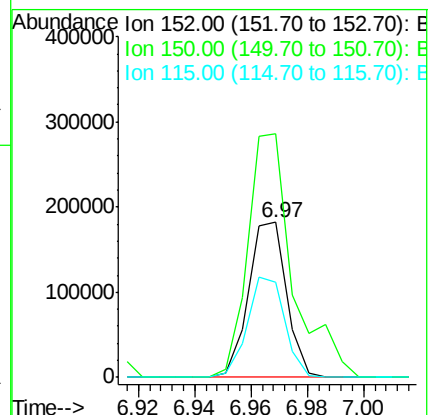
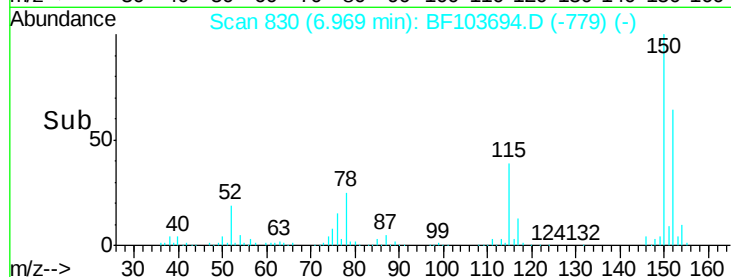
115 61.7 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.178 ng

RT: 2.90 min Scan# 139

Delta R.T. 0.07 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

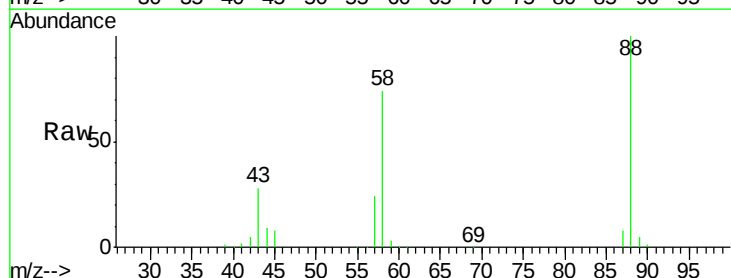
Tgt Ion: 88 Resp: 183278

Ion Ratio Lower Upper

88 100

58 71.6 62.6 93.8

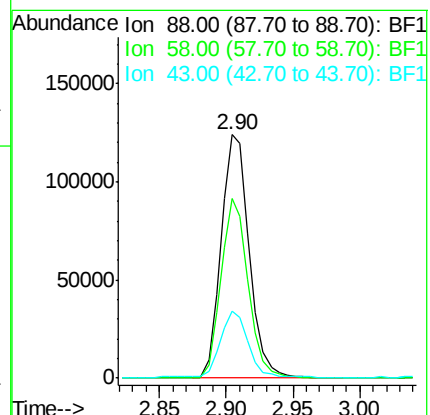
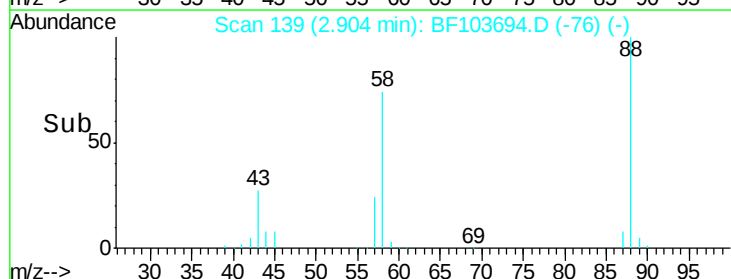
43 26.3 24.6 37.0

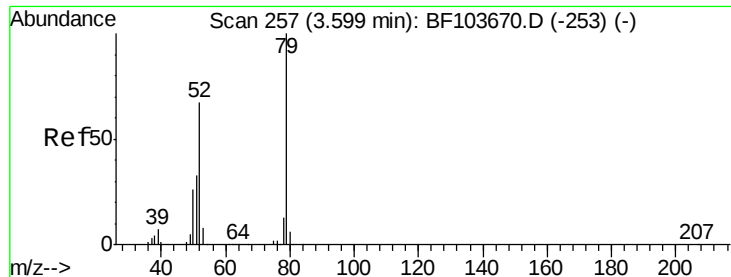


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.609 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.05 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

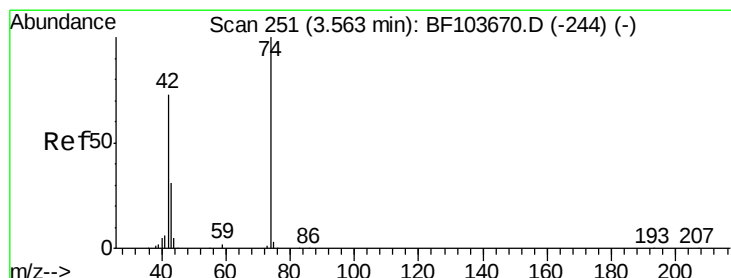
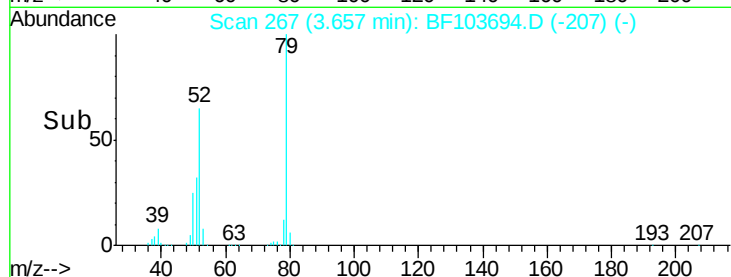
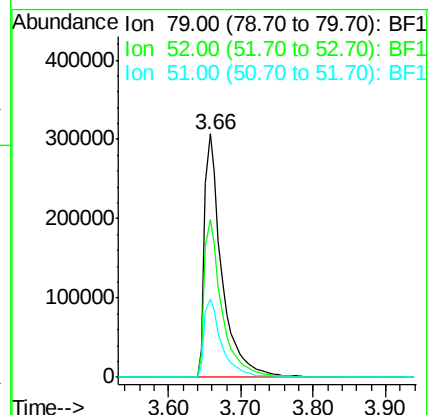
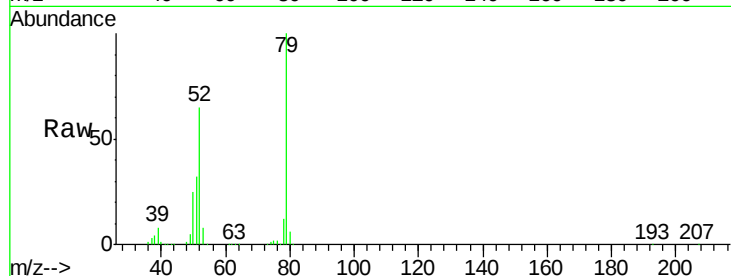
Tot Ion: 79 Resp: 510658

Ion Ratio Lower Upper

79 100

52 64.8 59.8 89.6

51 32.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.862 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.05 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

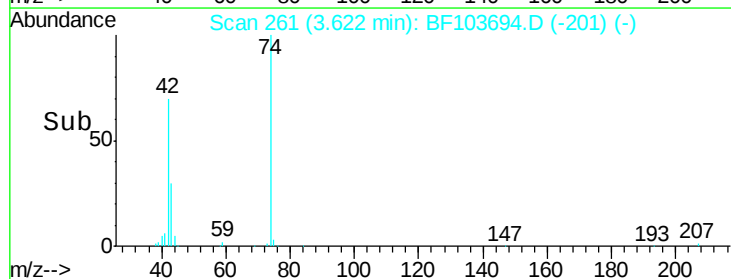
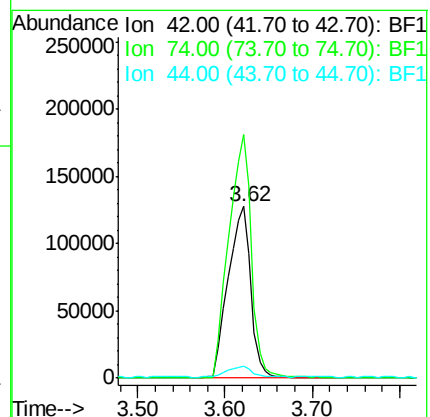
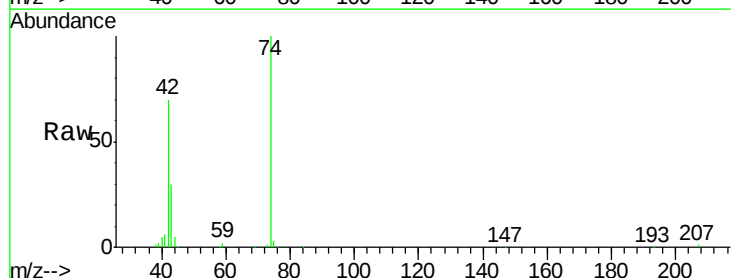
Tgt Ion: 42 Resp: 228924

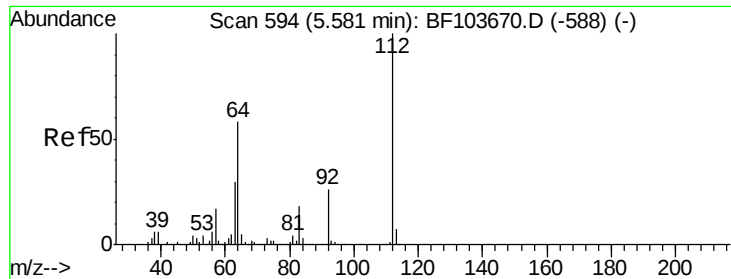
Ion Ratio Lower Upper

42 100

74 142.1 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 83.869 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

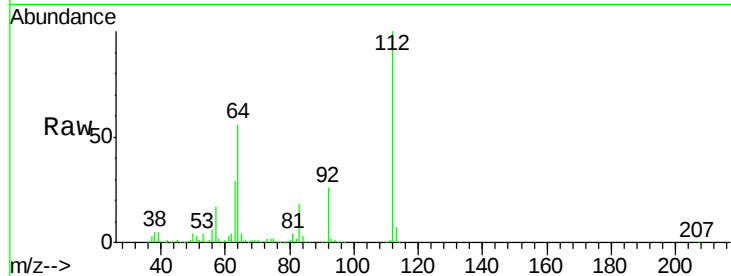
Tot Ion:112 Resp: 940898

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

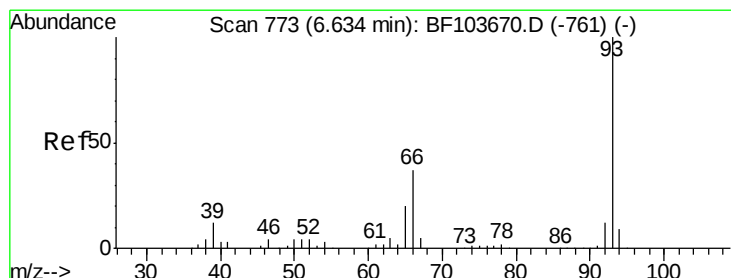
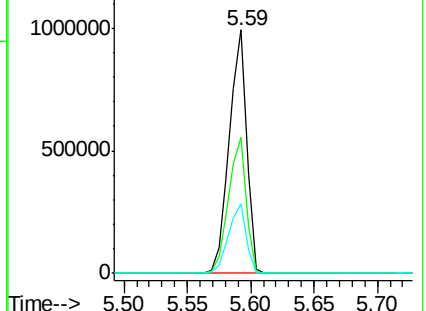
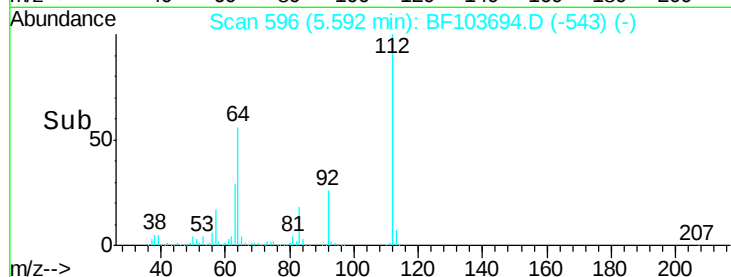
63 28.5 23.7 35.5



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: 21.858 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

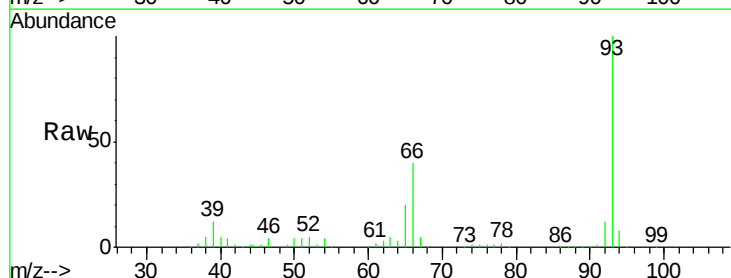
Tgt Ion: 93 Resp: 428382

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

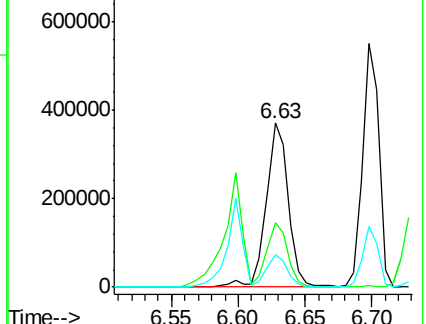
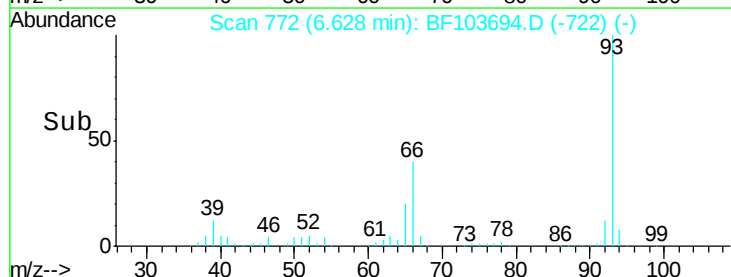
65 20.1 16.4 24.6



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: 84.932 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

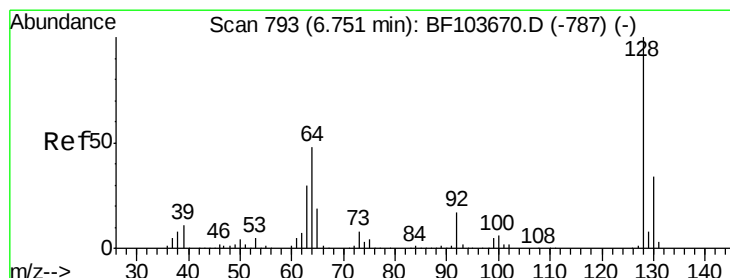
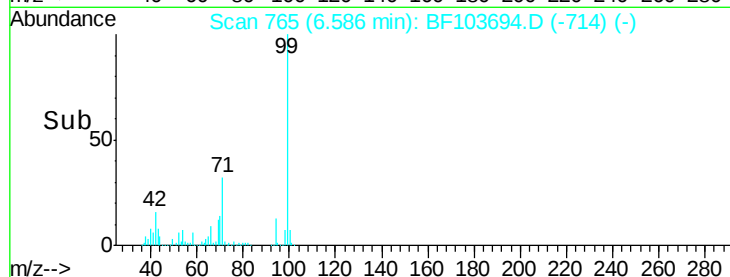
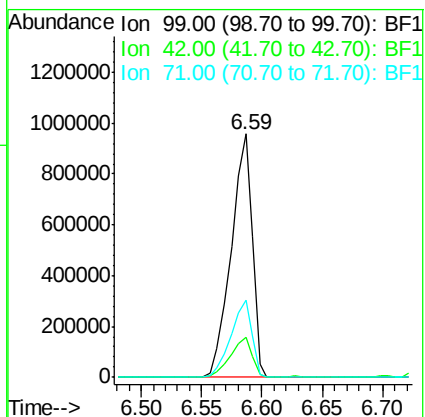
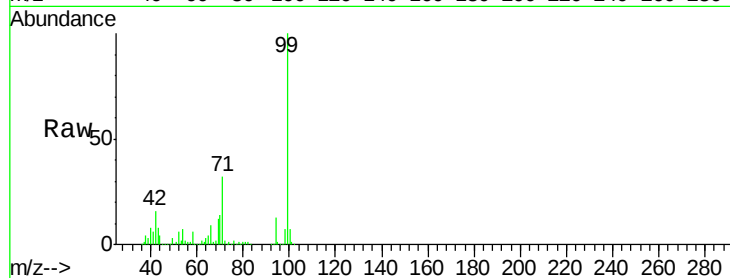
Tot Ion: 99 Resp: 1165714

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 31.7 25.4 38.0



#8

2-Chlorophenol

Concen: 40.331 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

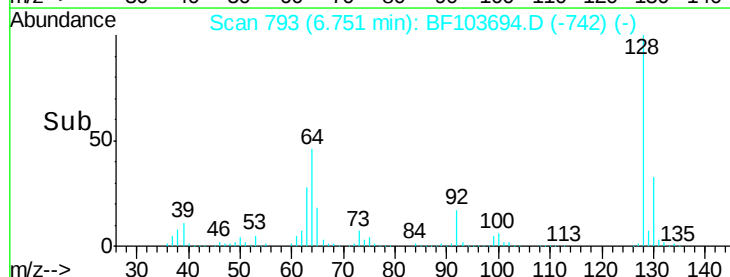
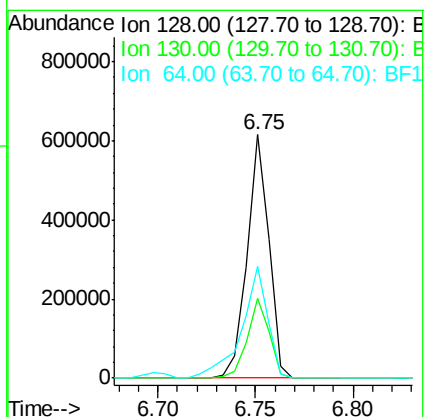
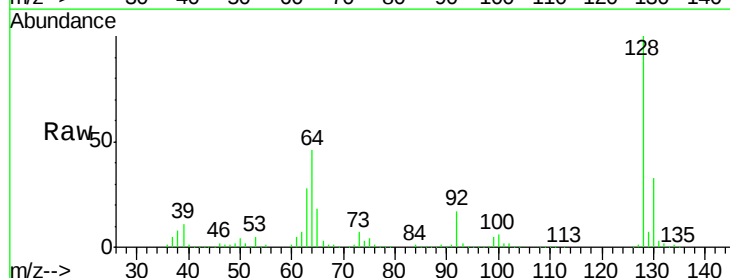
Tgt Ion: 128 Resp: 473975

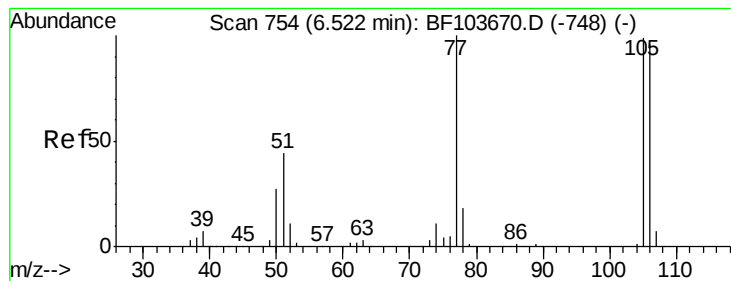
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 46.0 29.4 69.4





#9

Benzaldehyde

Concen: 23.015 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

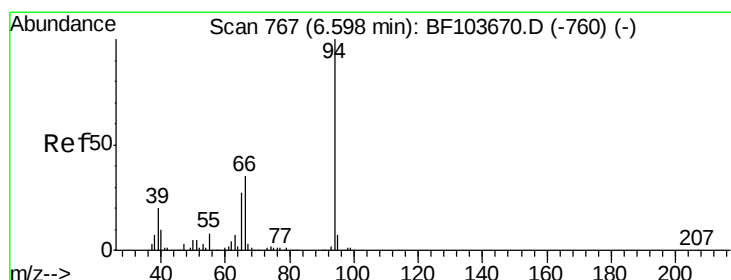
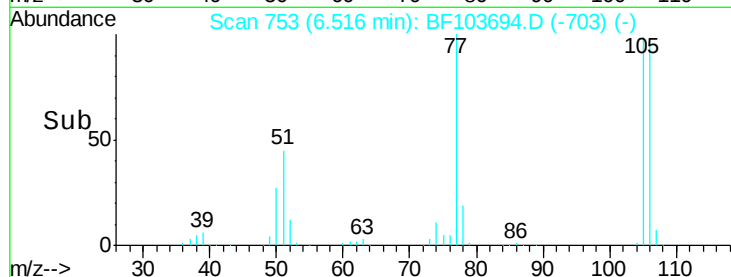
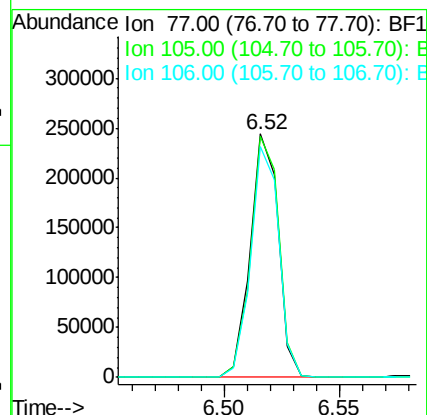
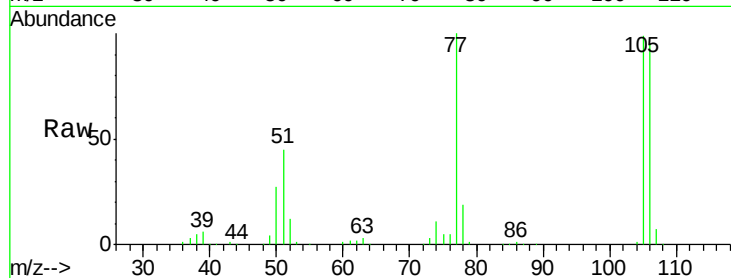
Tot Ion: 77 Resp: 207526

Ion Ratio Lower Upper

77 100

105 99.0 81.1 121.1

106 94.8 74.5 114.5



#10

Phenol

Concen: 40.379 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

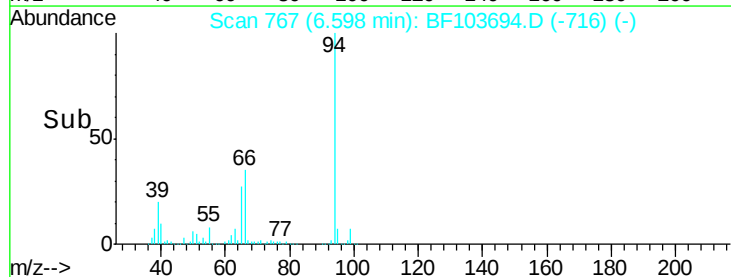
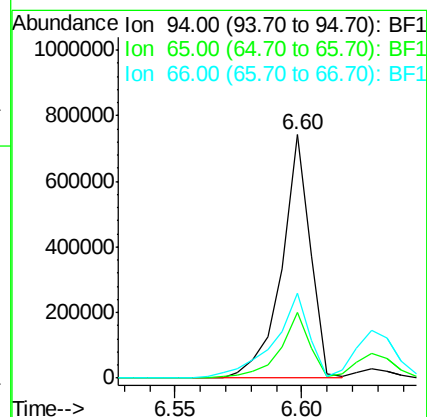
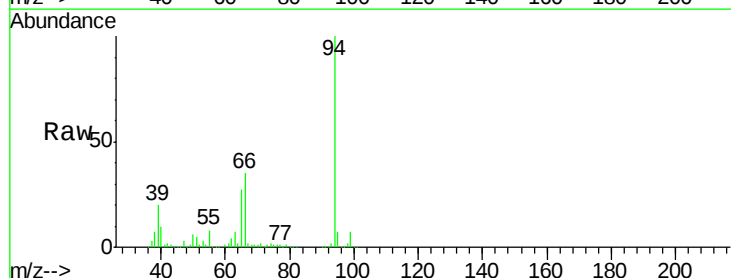
Tgt Ion: 94 Resp: 588907

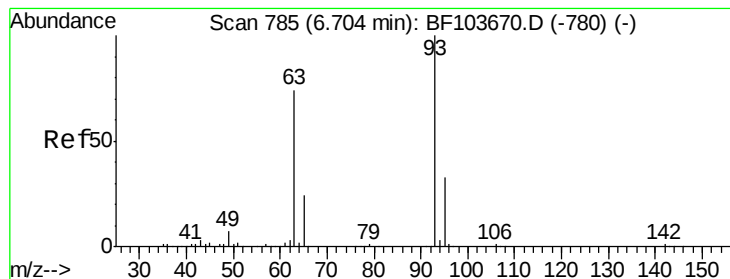
Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 34.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.158 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

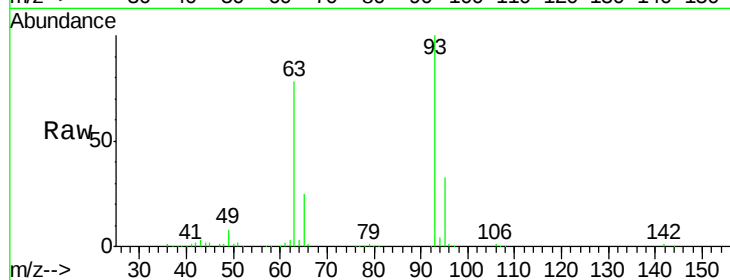
Tot Ion: 93 Resp: 459417

Ion Ratio Lower Upper

93 100

63 78.2 58.6 98.6

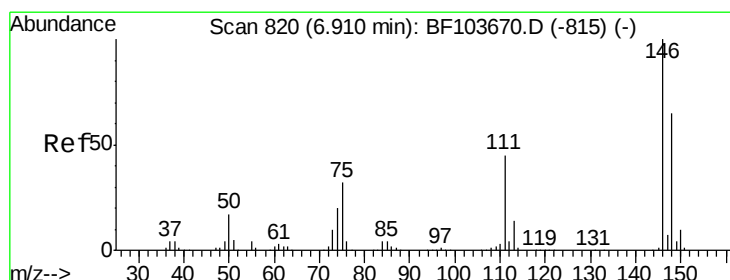
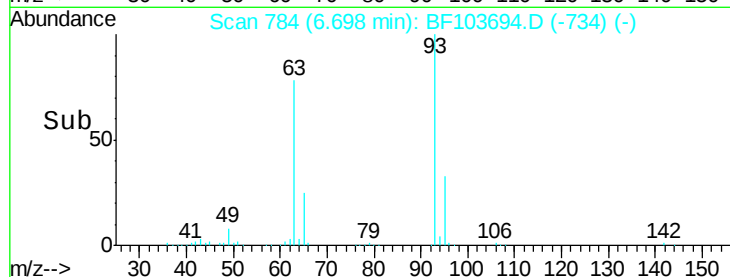
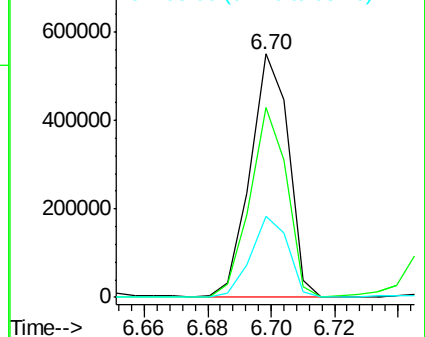
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.909 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

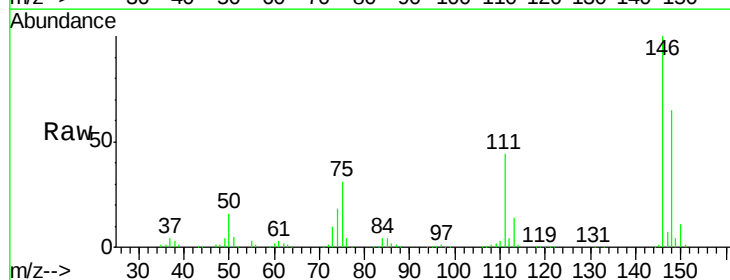
Tgt Ion: 146 Resp: 480643

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

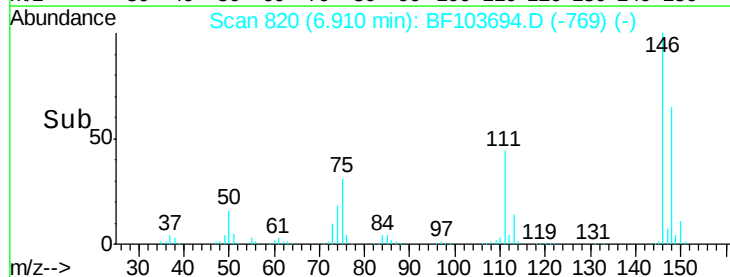
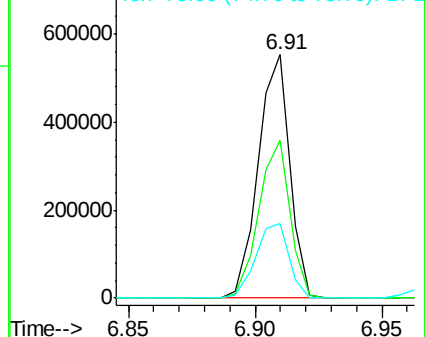
75 30.8 24.2 36.4

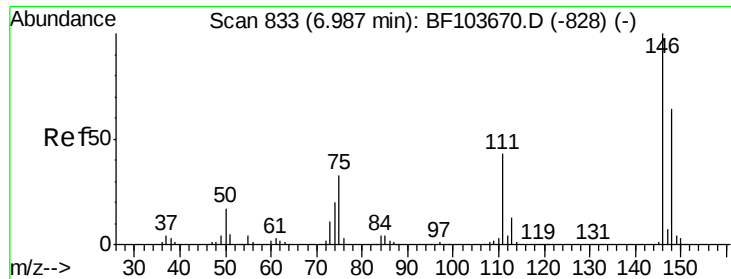


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

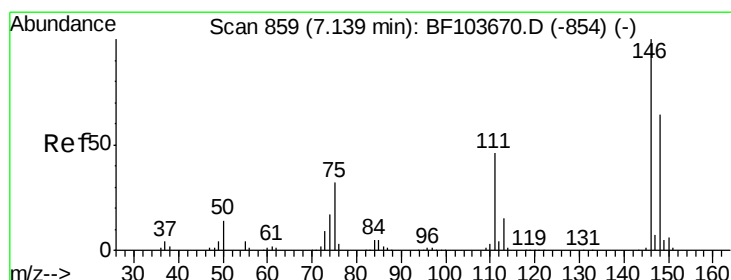
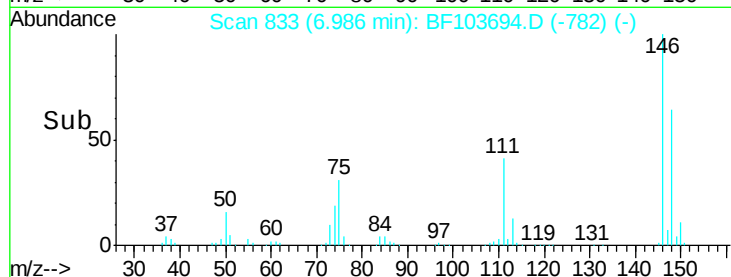
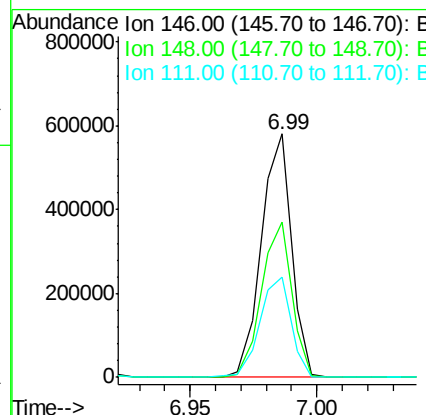
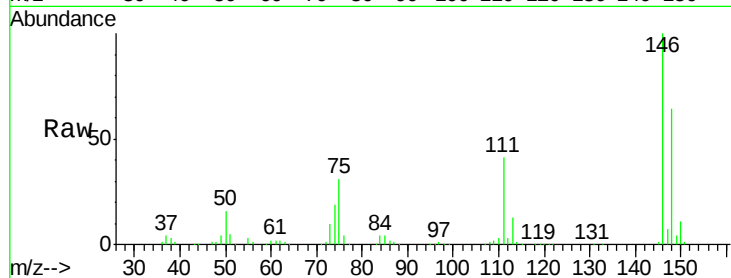




#13
 1,4-Dichlorobenzene
 Concen: 36.039 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

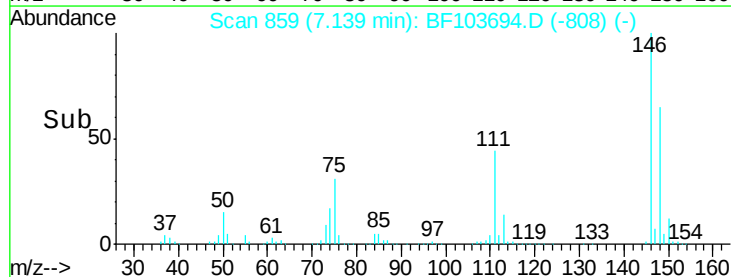
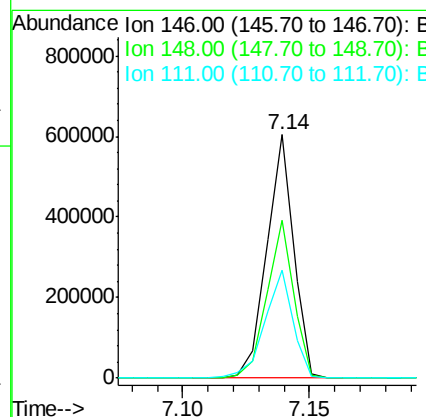
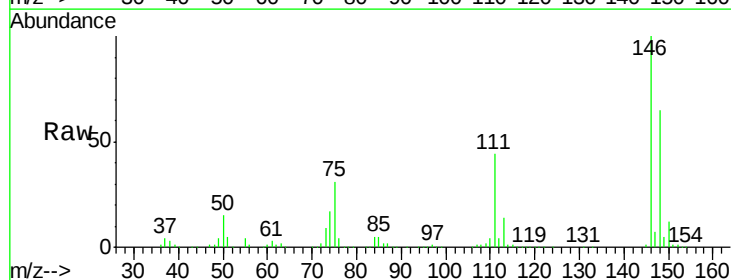
Instrument :
 BNA_F
 ClientSampleId :

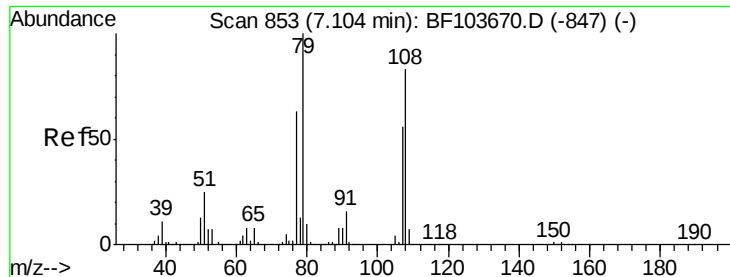
Tot Ion:146 Resp: 484730
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.125 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:146 Resp: 450881
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 44.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.282 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampled :

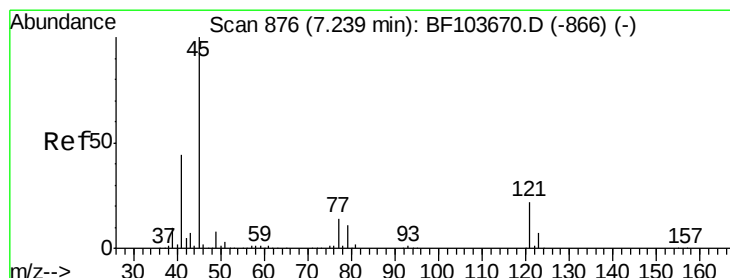
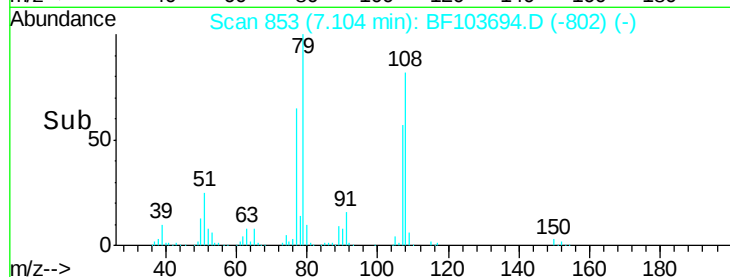
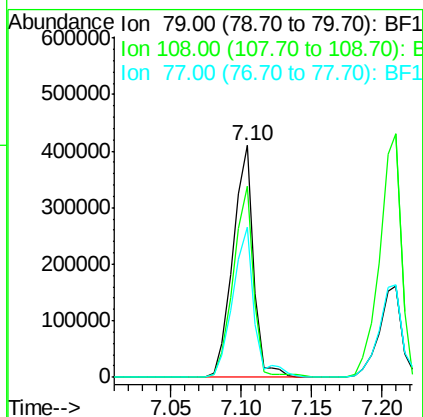
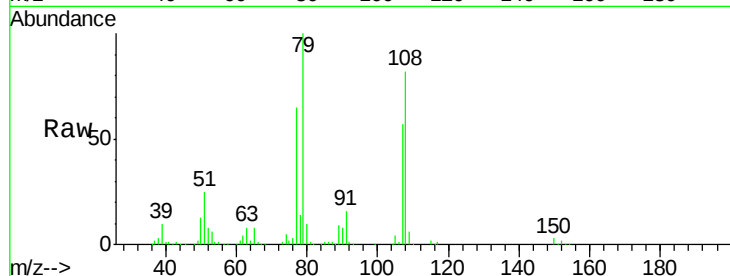
Tot Ion: 79 Resp: 417740

Ion Ratio Lower Upper

79 100

108 82.4 65.1 97.7

77 64.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.968 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

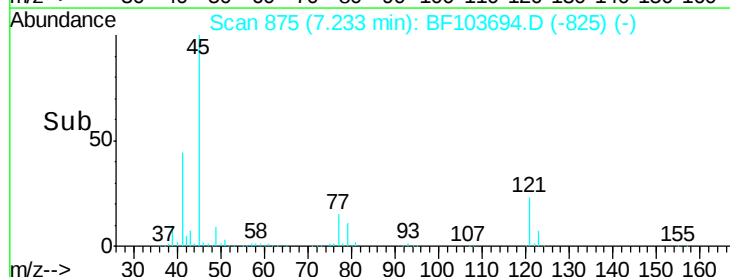
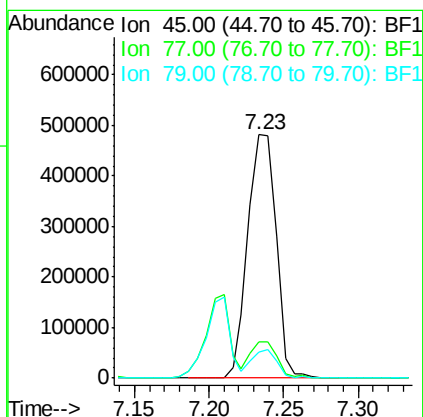
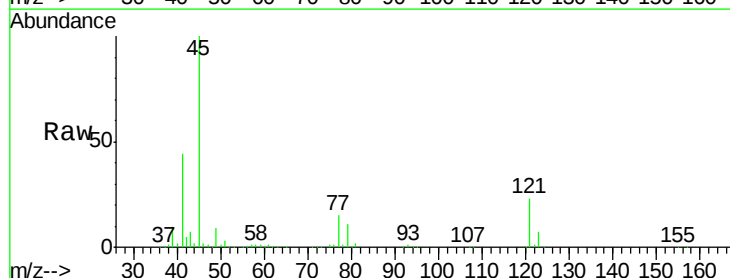
Tgt Ion: 45 Resp: 633047

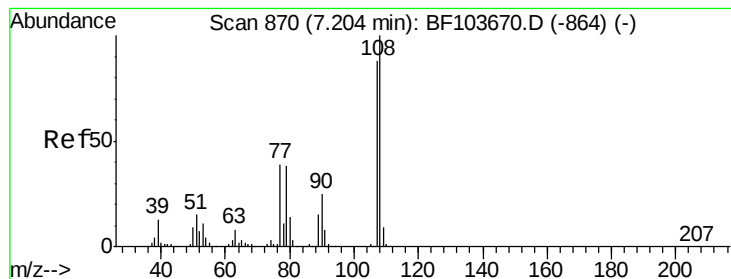
Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.9

79 10.9 0.0 29.6





#17

2-Methylphenol

Concen: 38.281 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 400636

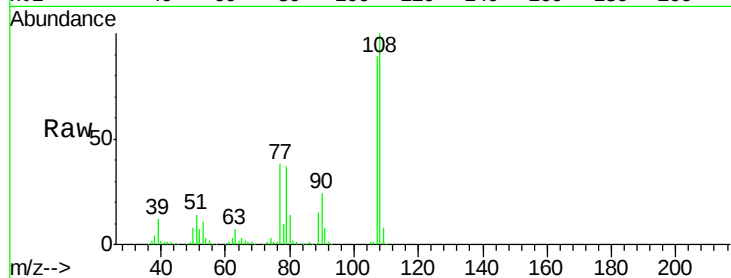
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 43.1 33.8 50.8

79 42.0 33.8 50.8

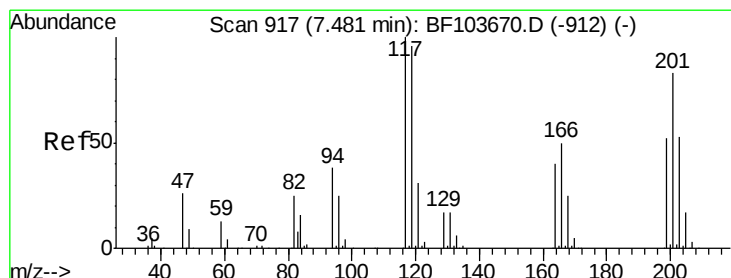
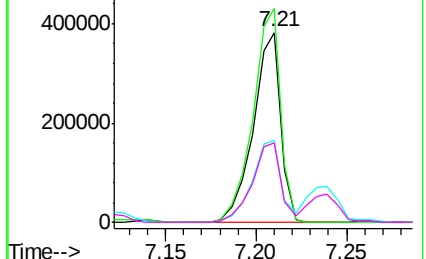
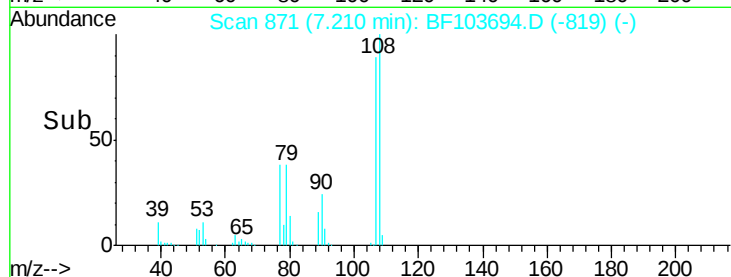


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.665 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

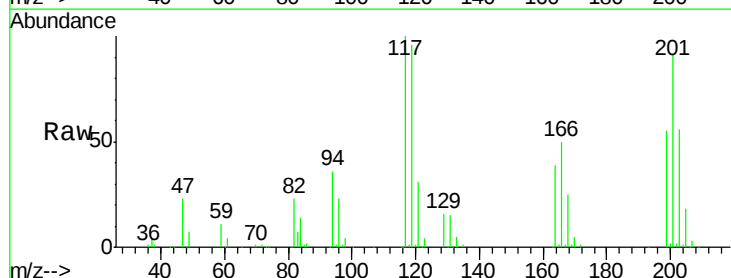
Tgt Ion:117 Resp: 182929

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

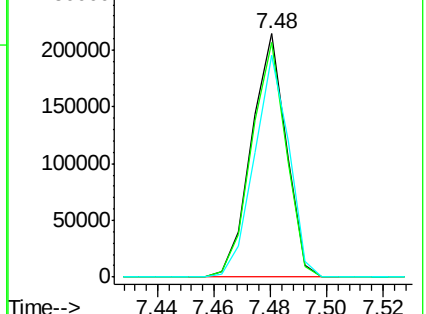
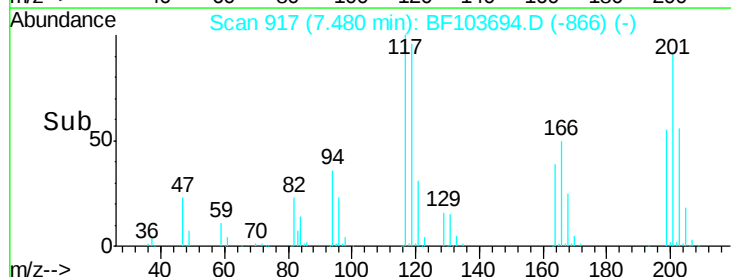
201 91.0 75.7 113.5

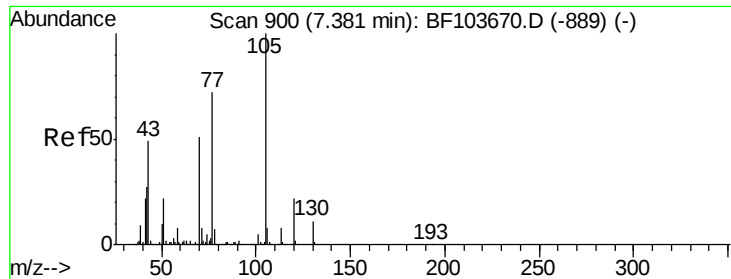


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

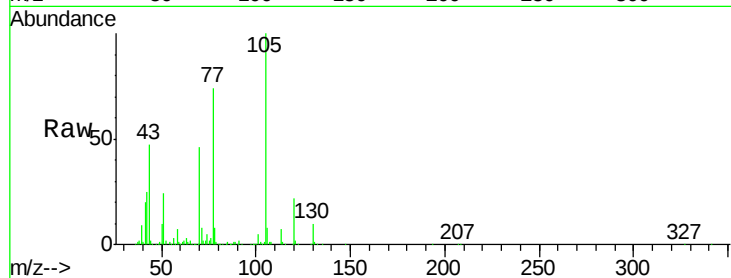




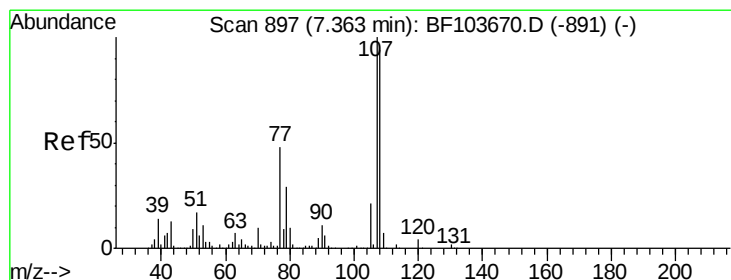
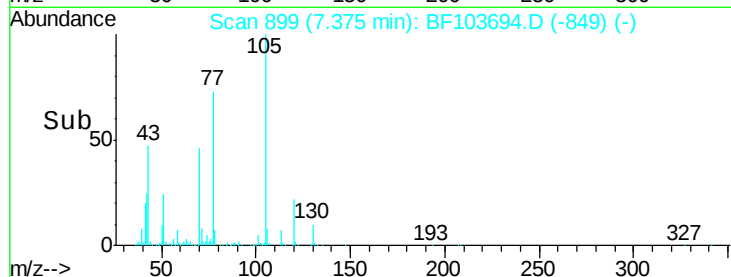
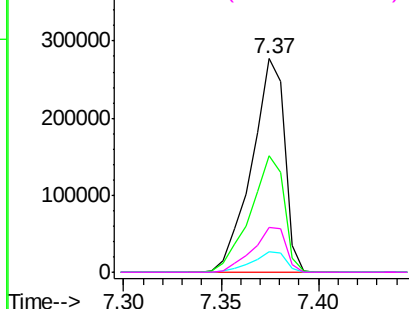
#19
n-Nitroso-di-n-propylamine
Concen: 36.826 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	323922
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	9.9	7.4	11.2
130	21.0	16.6	25.0

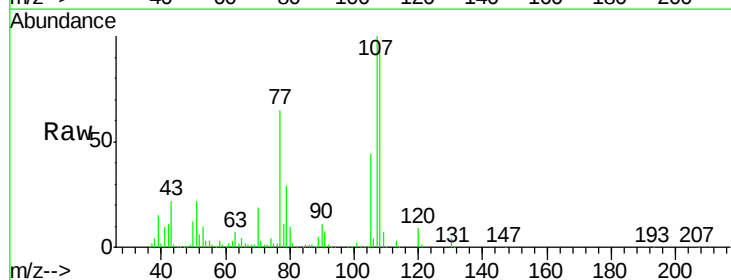


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

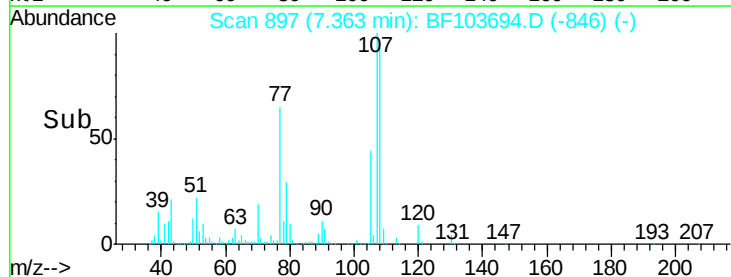
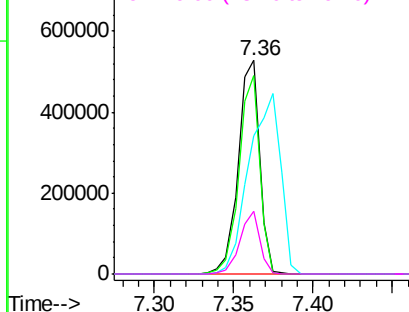


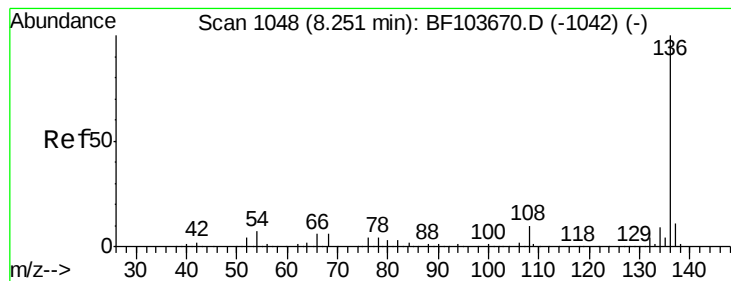
#20
3+4-Methylphenols
Concen: 37.211 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:	107	Resp:	494219
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.2	108.2
77	64.9	26.7	66.7
79	29.4	6.3	46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 714101

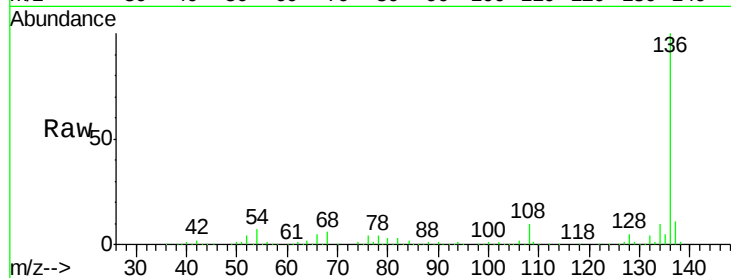
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

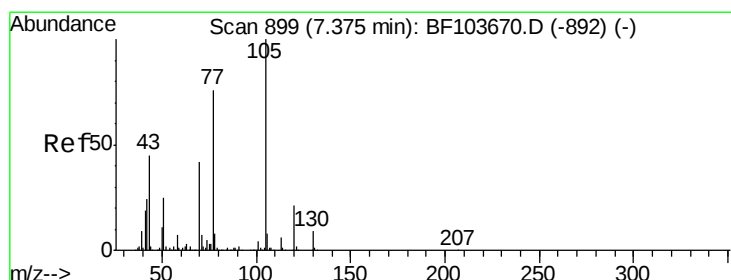
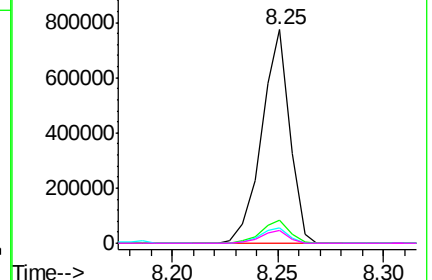
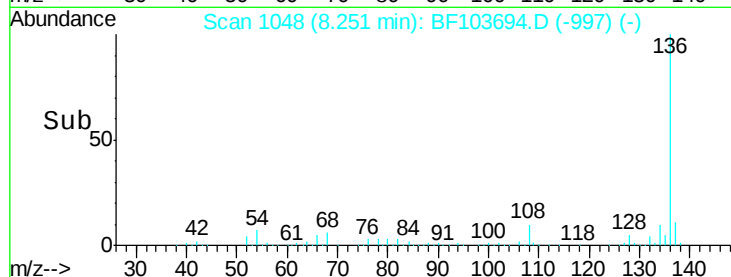


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.662 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:105 Resp: 636138

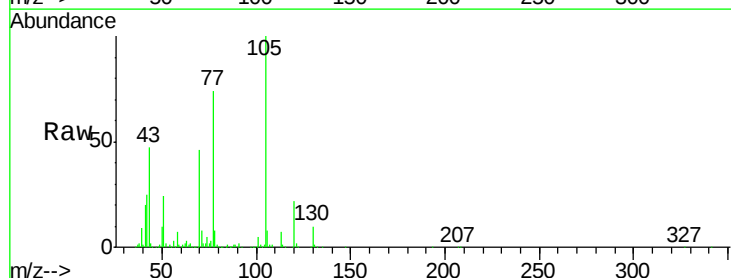
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 24.3 22.3 33.5

120 22.2 16.9 25.3

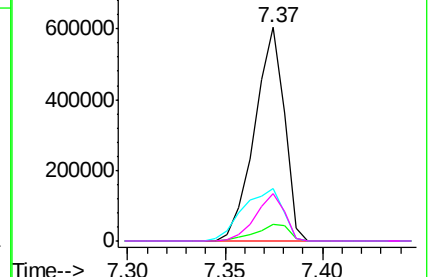
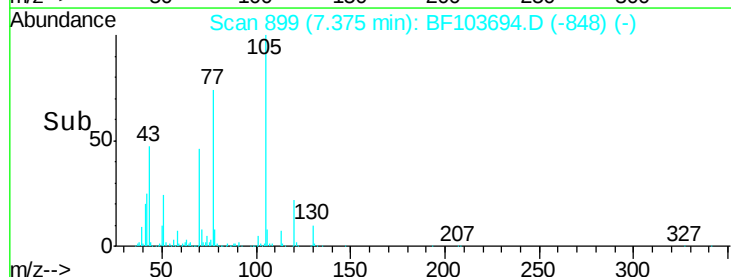


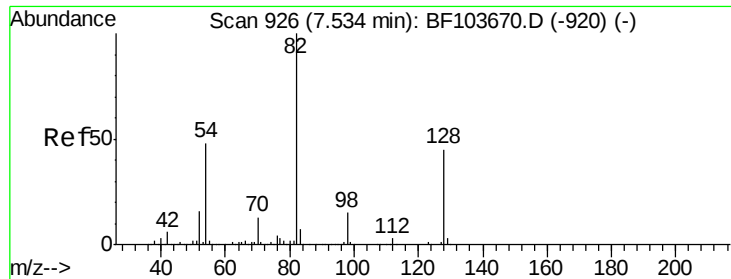
Abundance Ion 105.00 (104.70 to 105.70): E

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

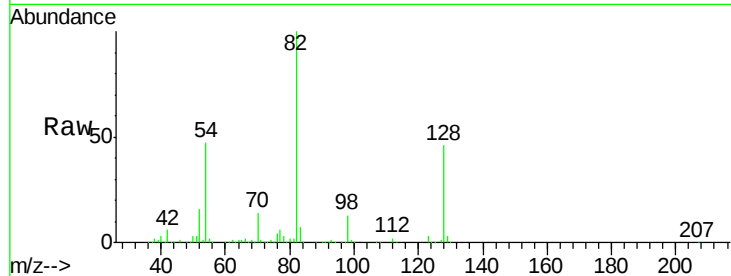




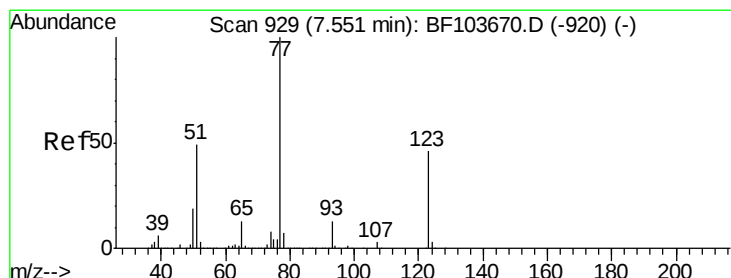
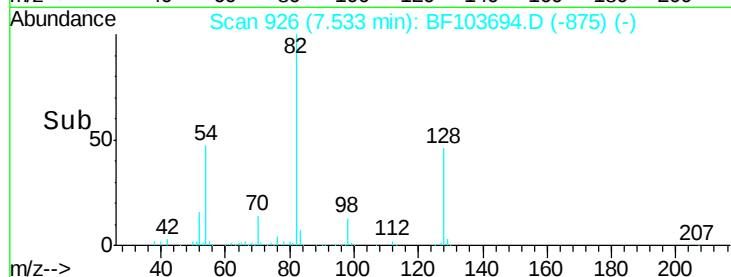
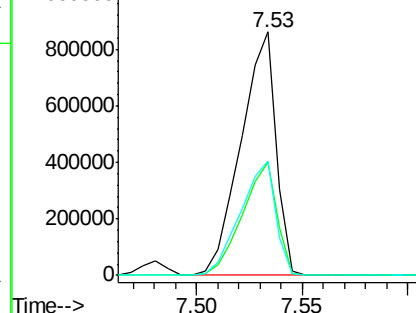
#23
Nitrobenzene-d5
Concen: 96.564 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	988825
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	47.0	41.4	62.2

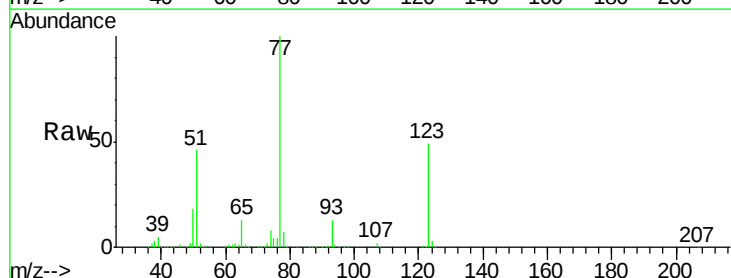


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

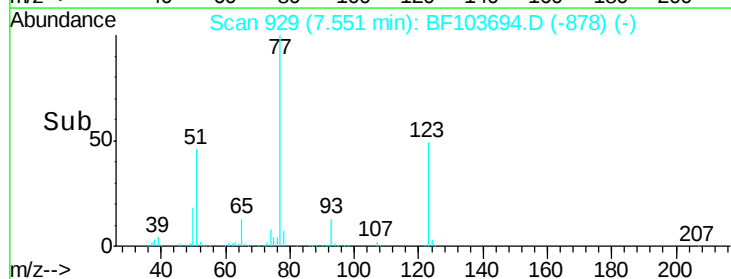
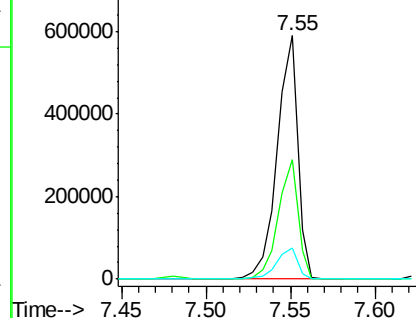


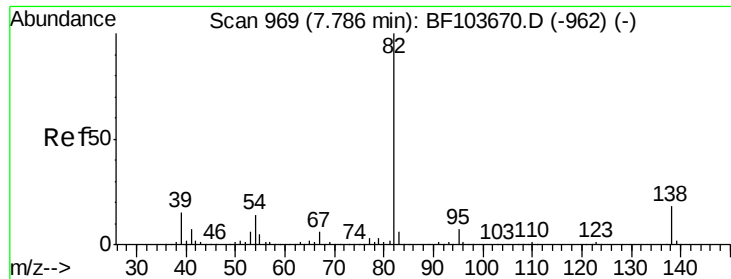
#24
Nitrobenzene
Concen: 41.314 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	77	Resp	496670
Ion Ratio	100	Lower	Upper
123	49.1	37.9	56.9
65	13.0	11.0	16.4



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





#25

Isophorone

Concen: 39.559 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

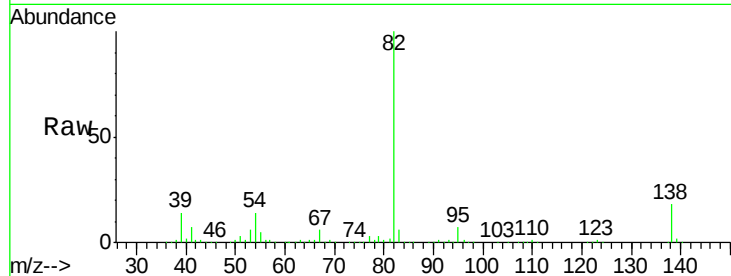
Tot Ion: 82 Resp: 937745

Ion Ratio Lower Upper

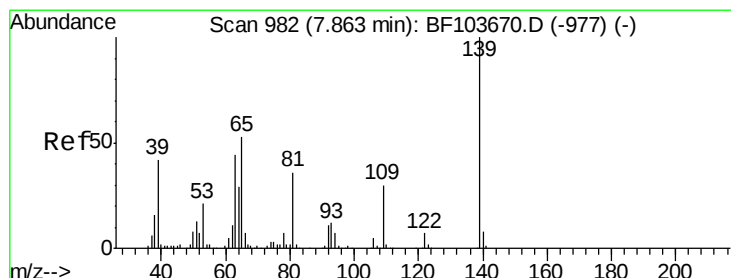
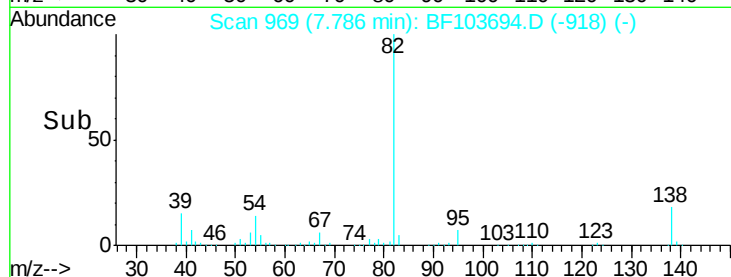
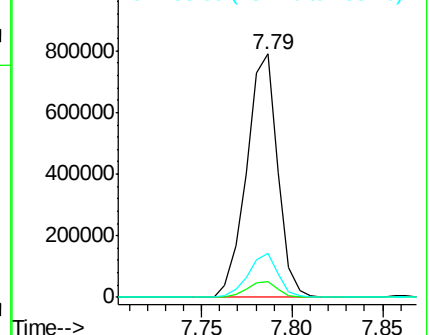
82 100

95 6.6 5.2 7.8

138 17.9 14.9 22.3



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



#26

2-Nitrophenol

Concen: 49.549 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

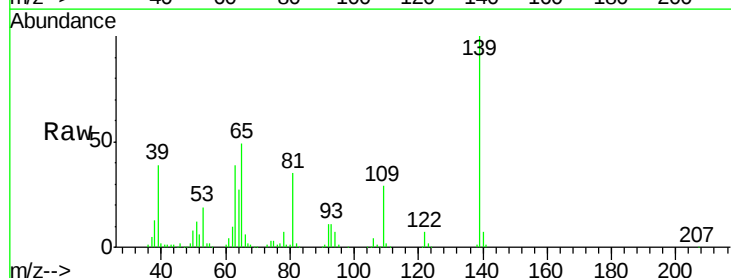
Tgt Ion: 139 Resp: 228370

Ion Ratio Lower Upper

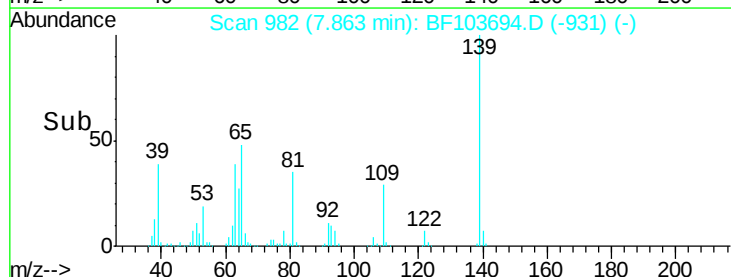
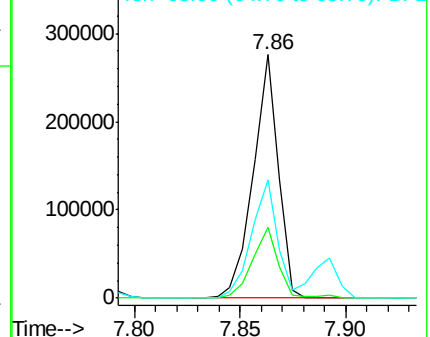
139 100

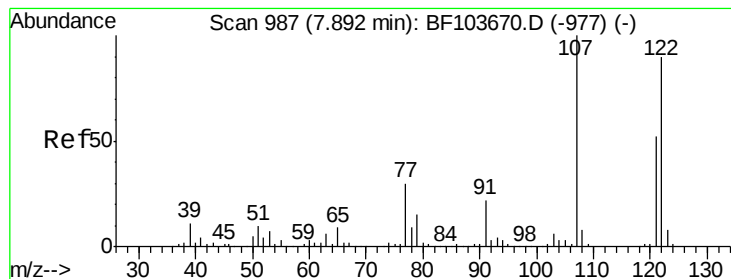
109 28.9 22.7 34.1

65 48.6 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 44.254 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

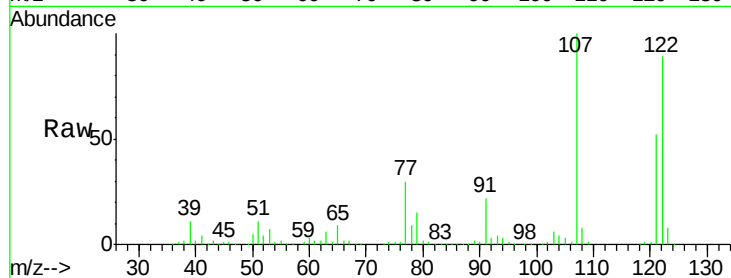
Tot Ion:122 Resp: 449409

Ion Ratio Lower Upper

122 100

107 112.8 91.2 136.8

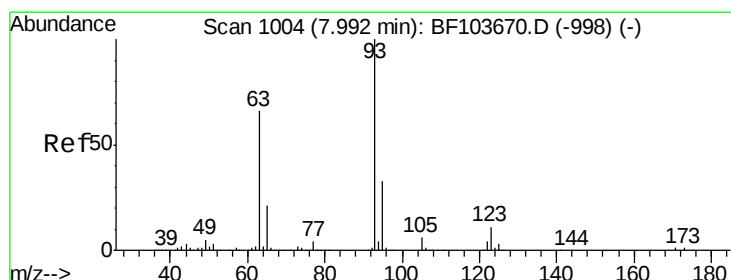
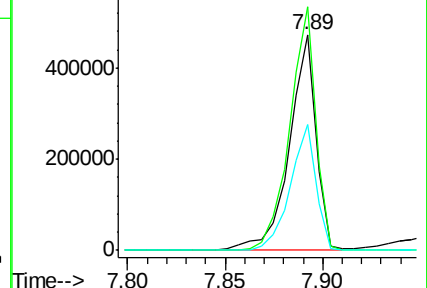
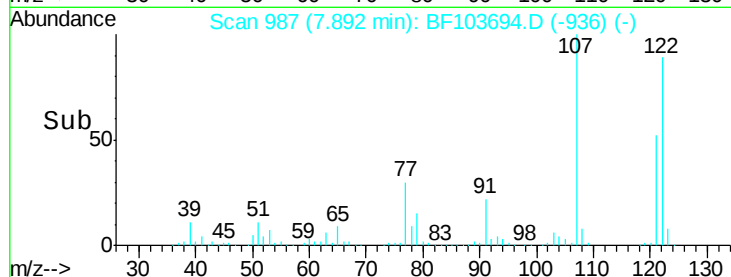
121 58.3 47.2 70.8



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: 41.399 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

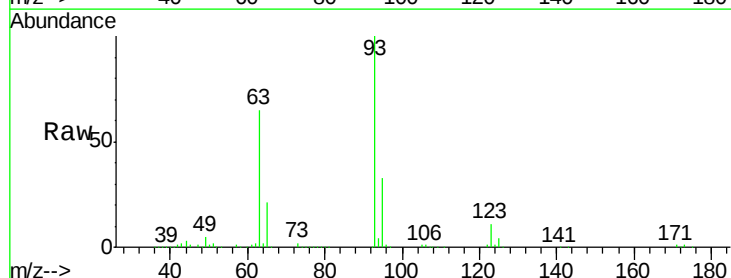
Tgt Ion: 93 Resp: 594252

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

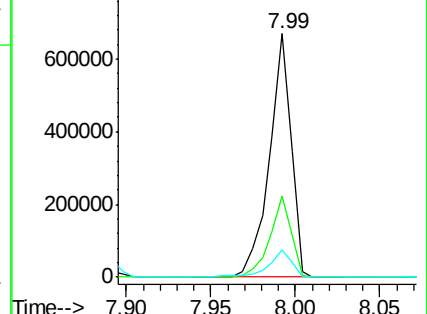
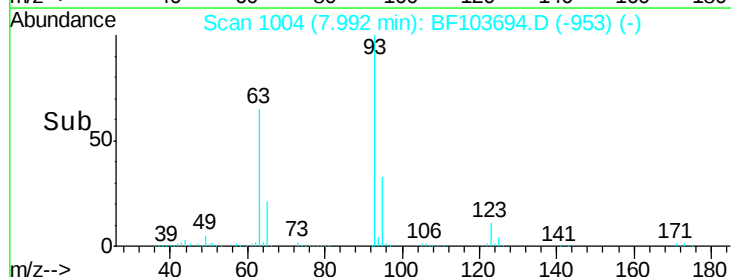
123 11.1 9.8 14.6

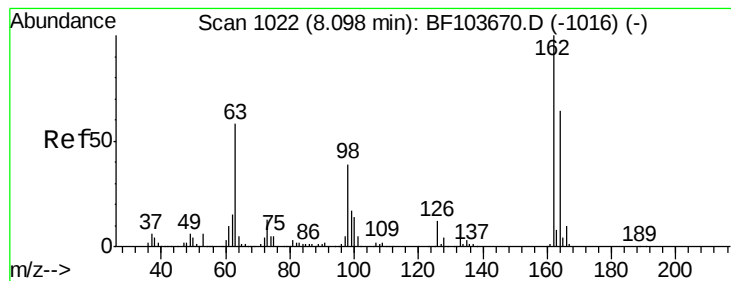


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.659 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

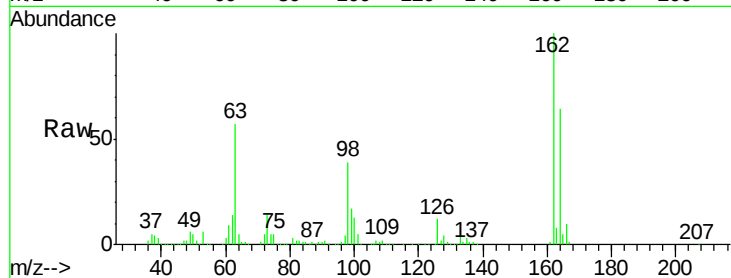
Tot Ion:162 Resp: 384898

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

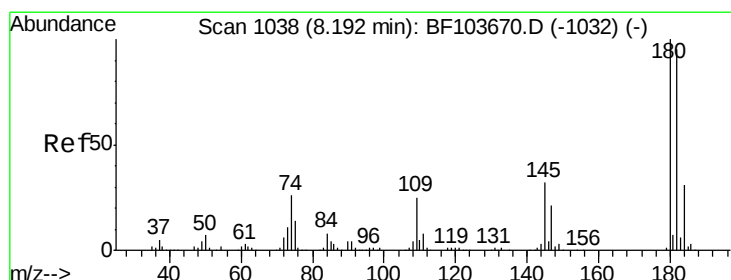
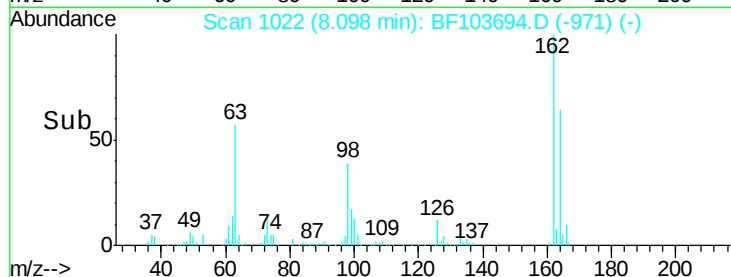
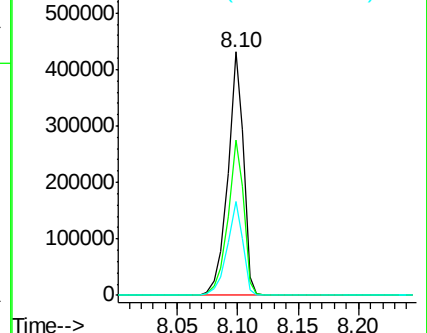
98 38.7 18.1 58.1



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: 36.240 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

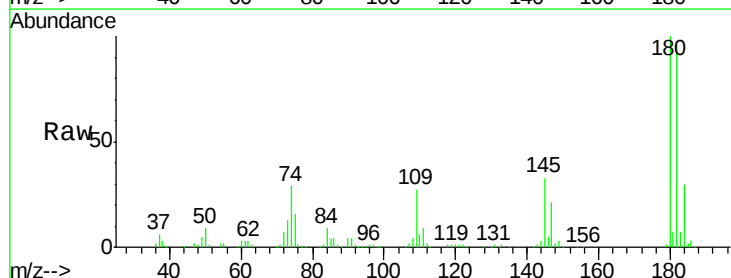
Tgt Ion:180 Resp: 388346

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

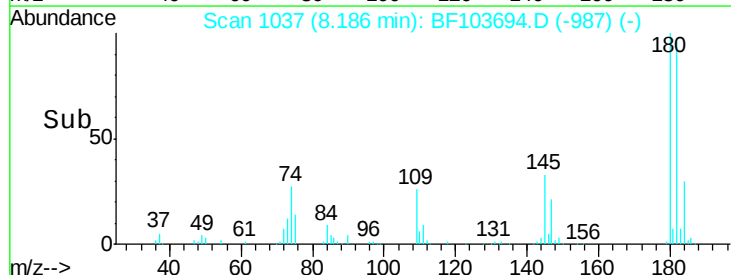
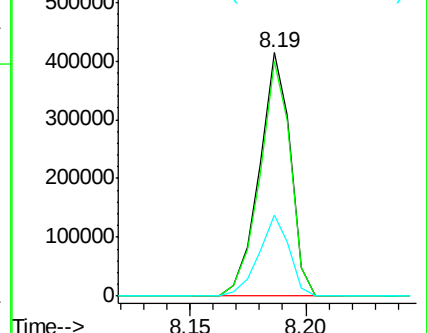
145 33.3 26.5 39.7

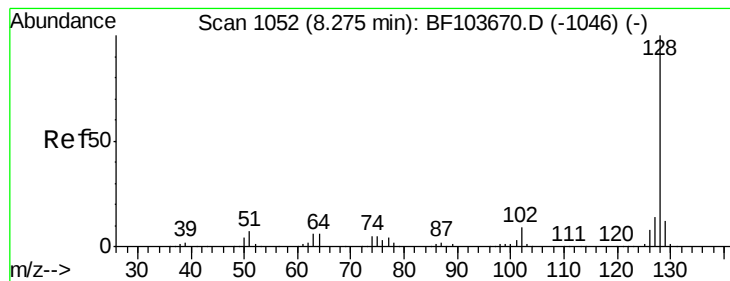


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.587 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

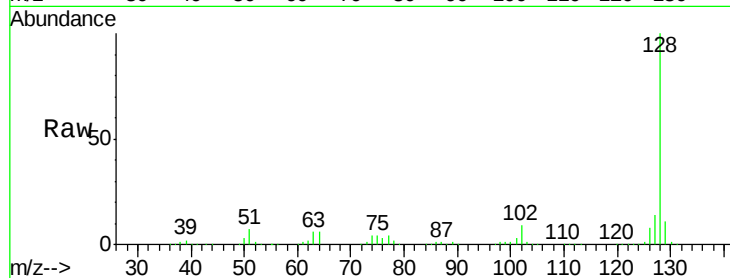
Tot Ion:128 Resp: 1319776

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

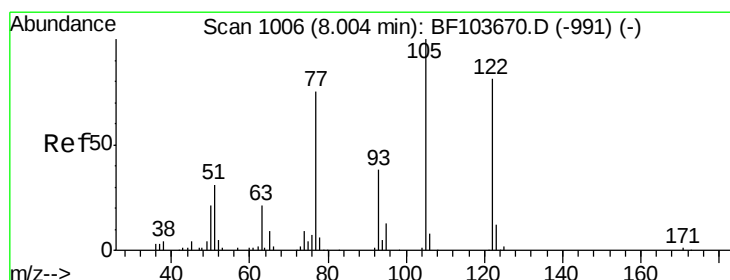
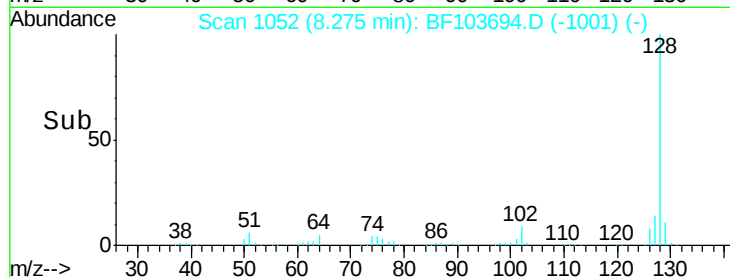
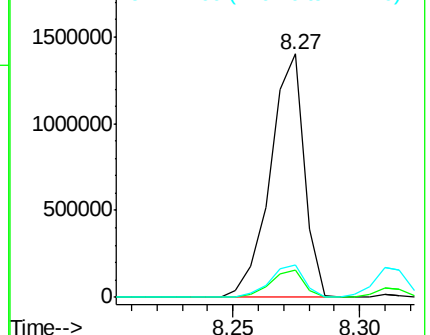
127 13.5 10.9 16.3



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: 19.659 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

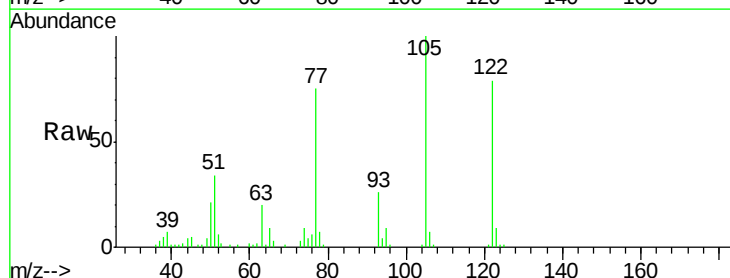
Tgt Ion:122 Resp: 88068

Ion Ratio Lower Upper

122 100

105 126.8 101.1 141.1

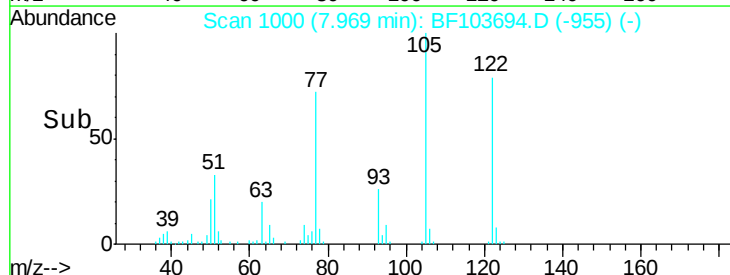
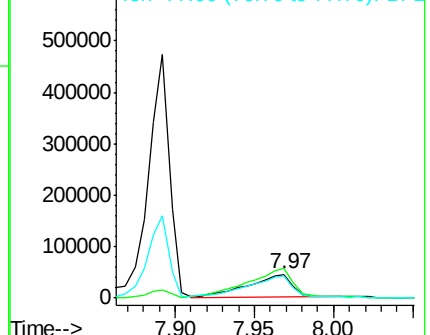
77 94.8 70.7 110.7

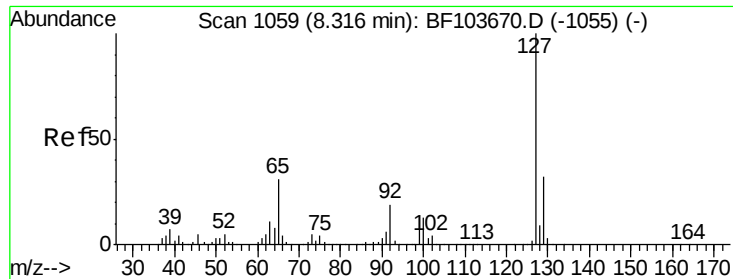


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

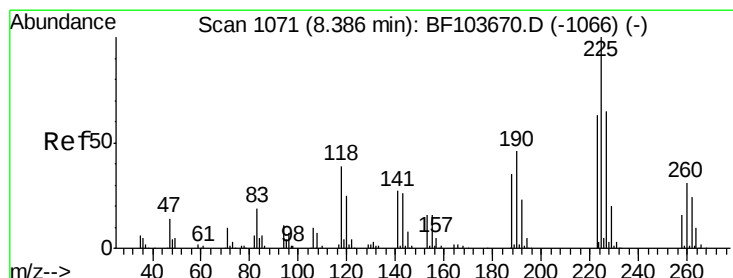
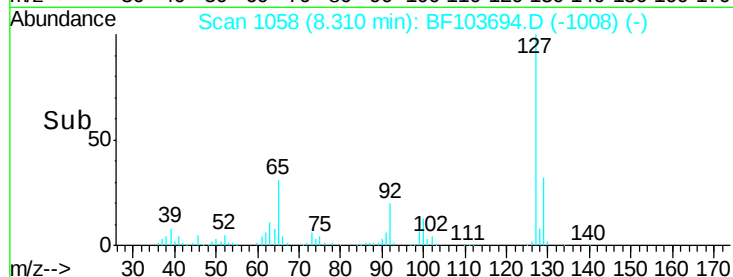
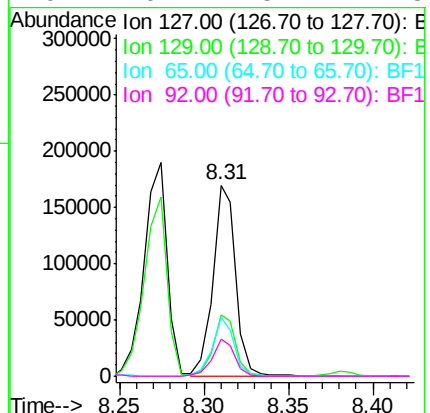
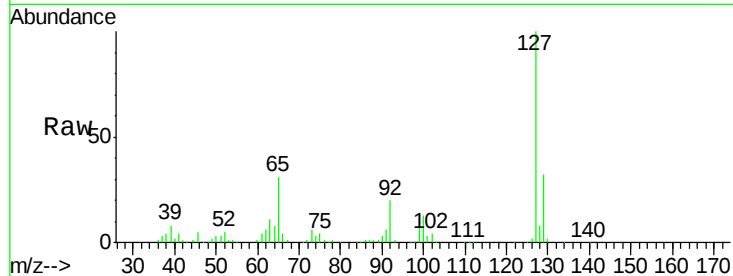




#33
4-Chloroaniline
Concen: 10.623 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

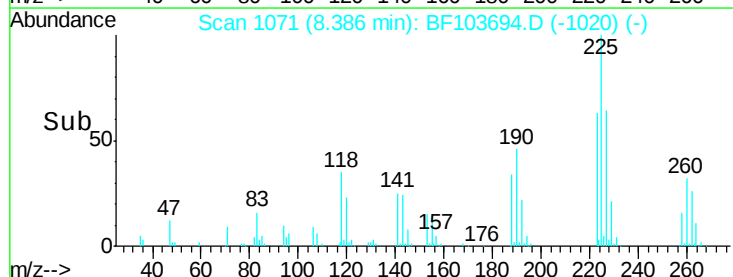
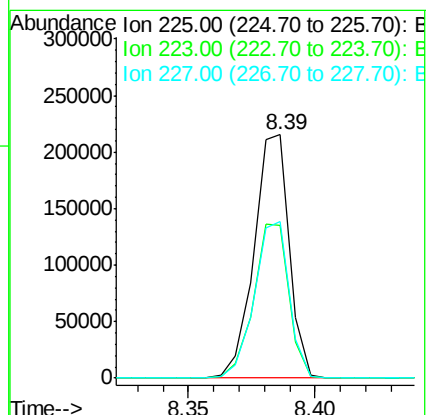
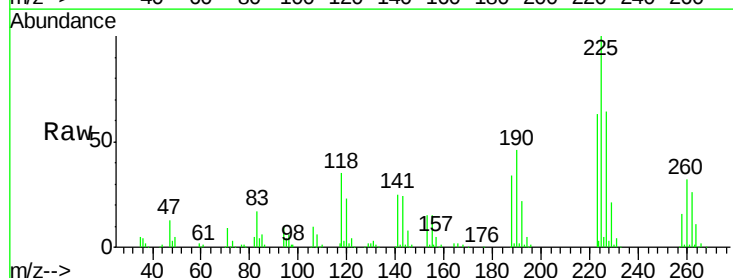
Instrument :
BNA_F
ClientSampled :

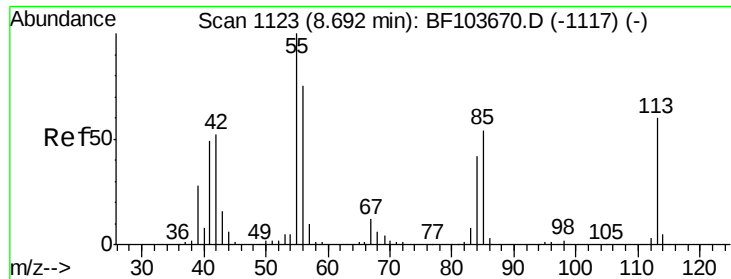
Tot Ion:	127	Resp:	160765
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	31.1	25.0	37.4
92	19.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.359 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:	225	Resp:	207747
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.4	51.9	77.9

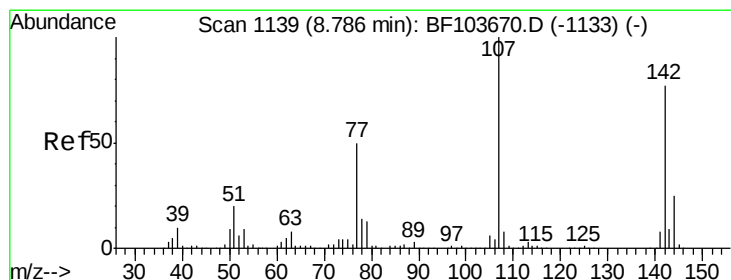
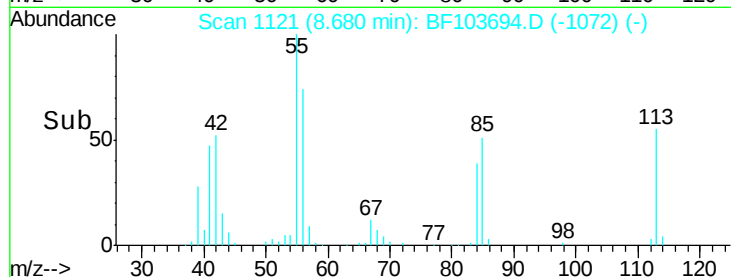
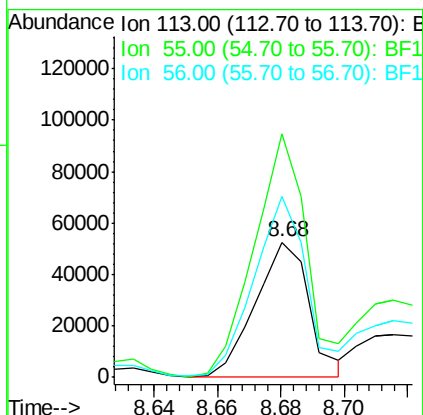
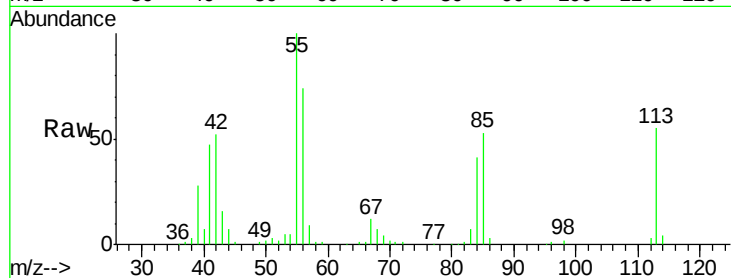




#35
 Caprolactam
 Concen: 19.549 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

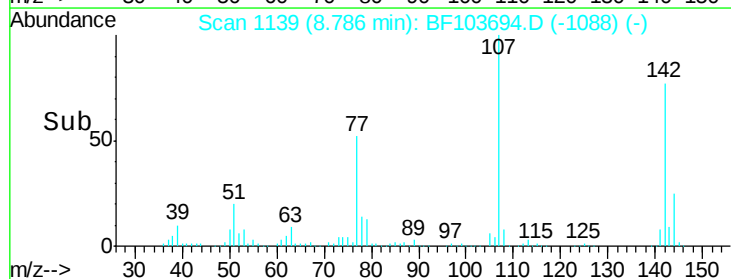
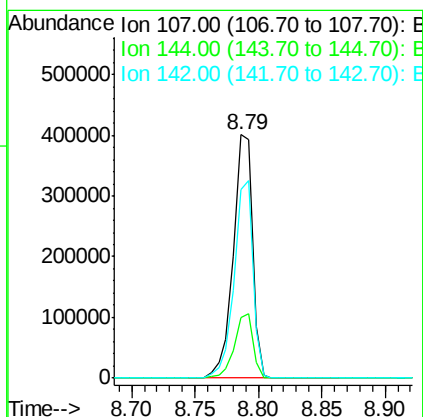
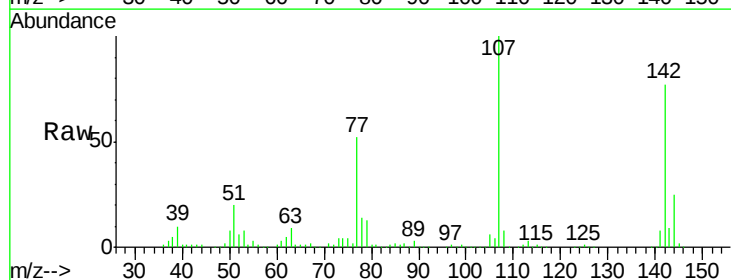
Instrument :
 BNA_F
 ClientSampleId :

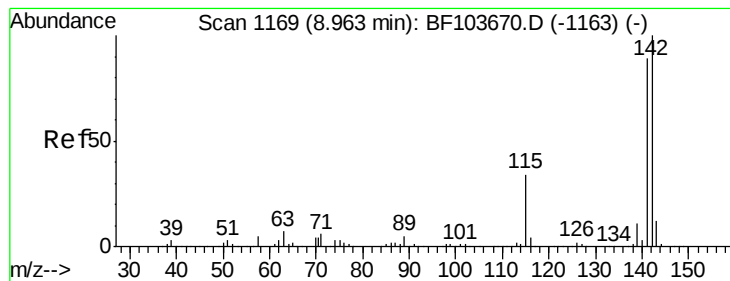
Tot Ion:113 Resp: 62195
 Ion Ratio Lower Upper
 113 100
 55 180.5 163.3 203.3
 56 134.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.247 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:107 Resp: 420119
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 77.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.251 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

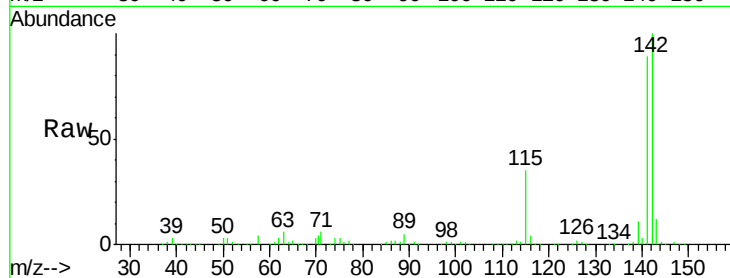
Tot Ion:142 Resp: 875025

Ion Ratio Lower Upper

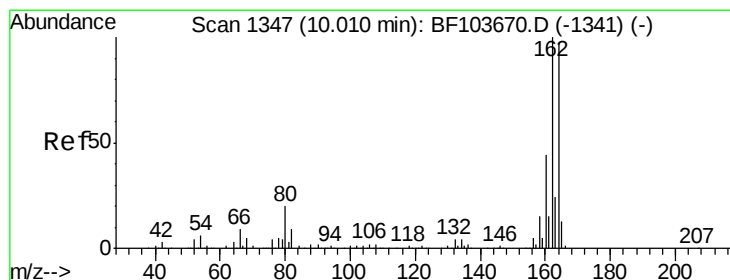
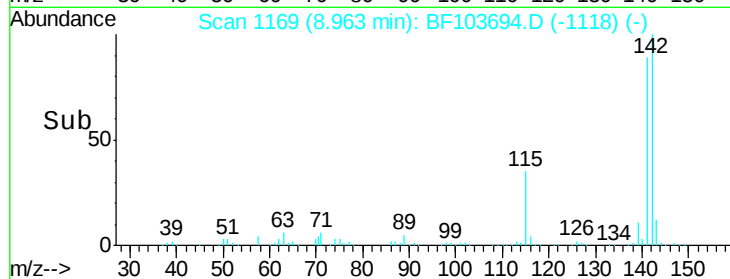
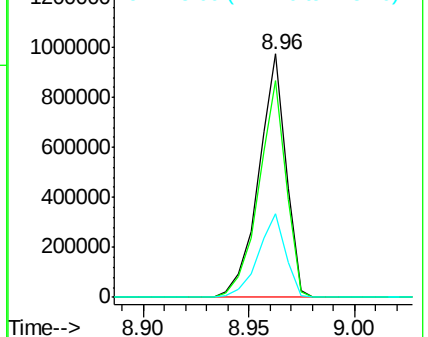
142 100

141 89.0 70.8 106.2

115 34.6 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: BF103694.D

Acq: 16 Mar 2018 14:12

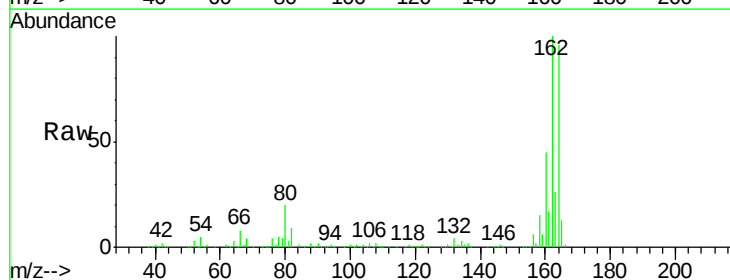
Tgt Ion:164 Resp: 334228

Ion Ratio Lower Upper

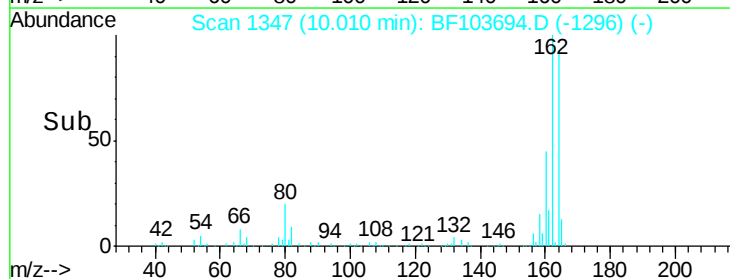
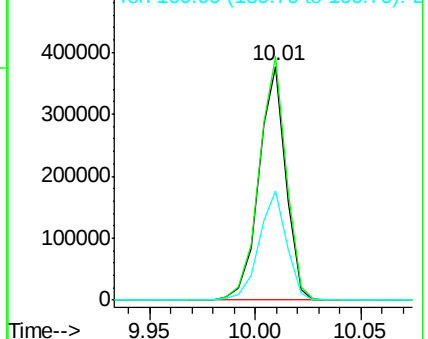
164 100

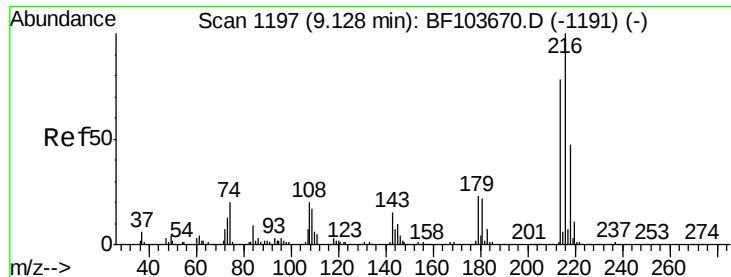
162 104.3 86.1 129.1

160 46.8 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: 36.493 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 347962

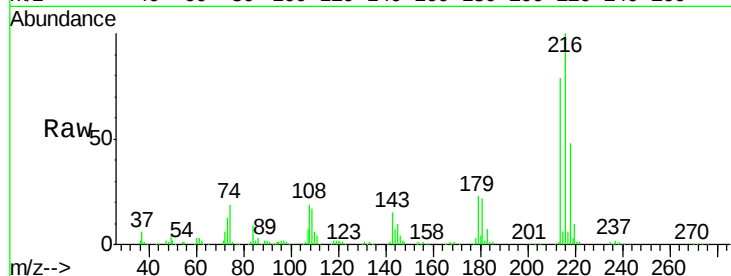
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 22.2 18.1 27.1

108 24.3 17.2 25.8

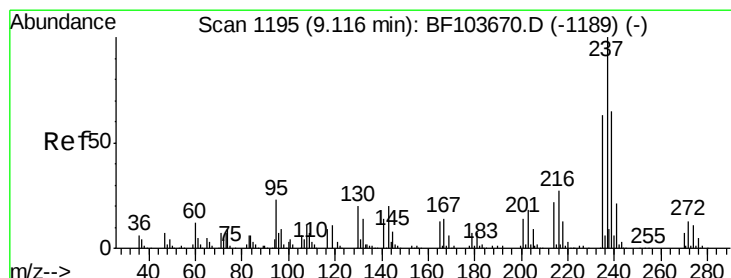
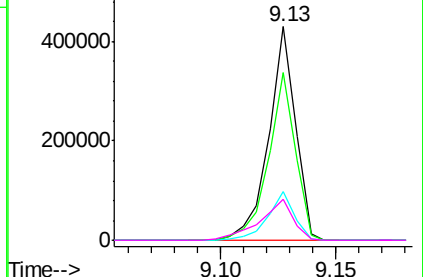
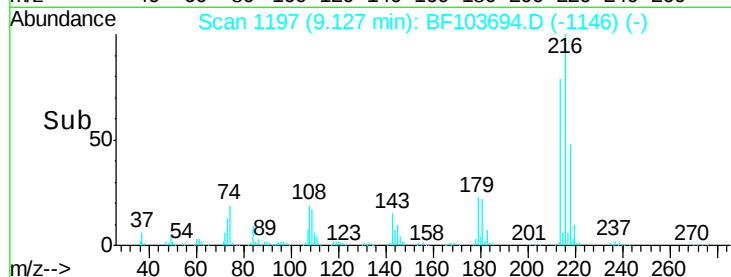


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.014 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

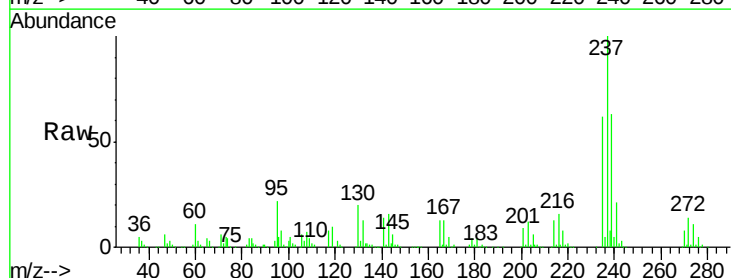
Tgt Ion:237 Resp: 408444

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

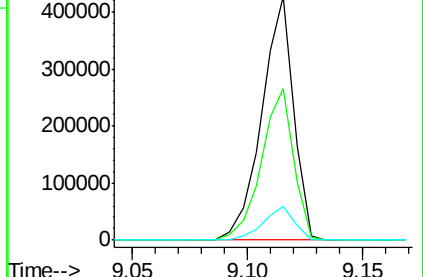
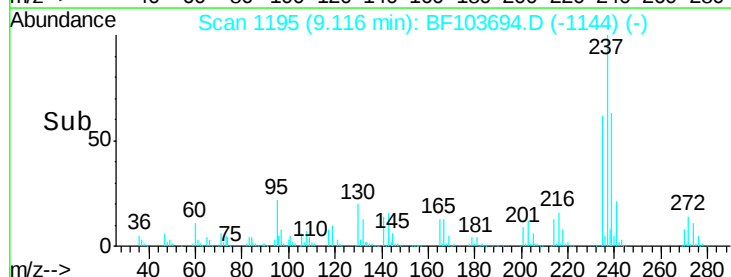
272 13.9 0.0 33.3

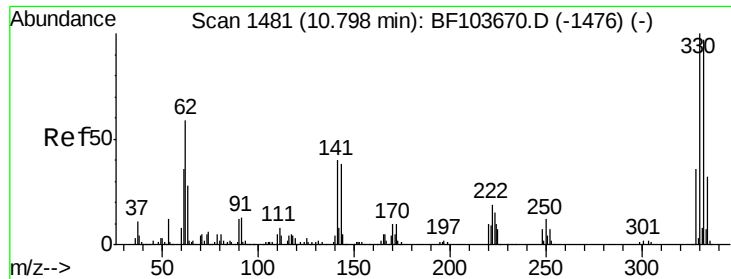


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

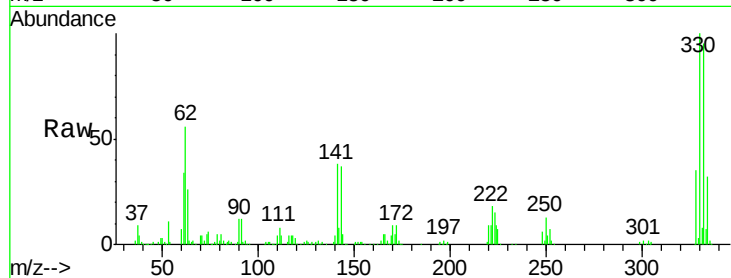




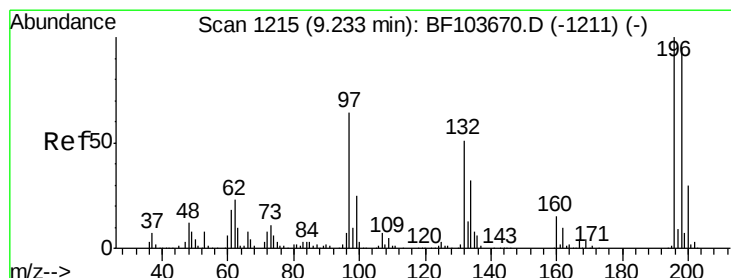
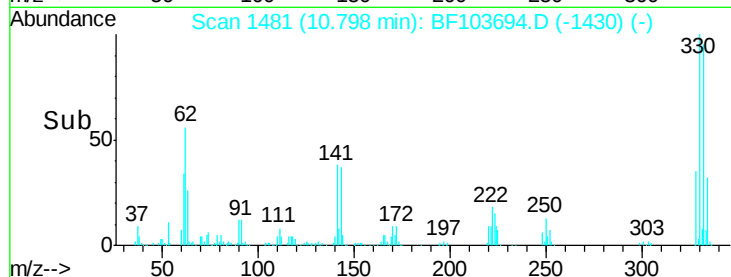
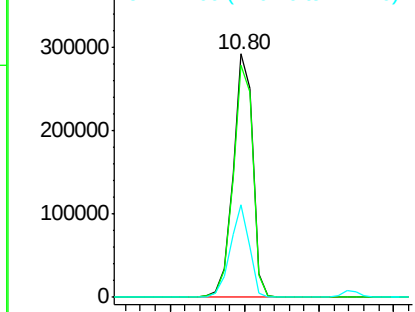
#41
 2,4,6-Tribromophenol
 Concen: 94.163 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	37.3	29.9	44.9

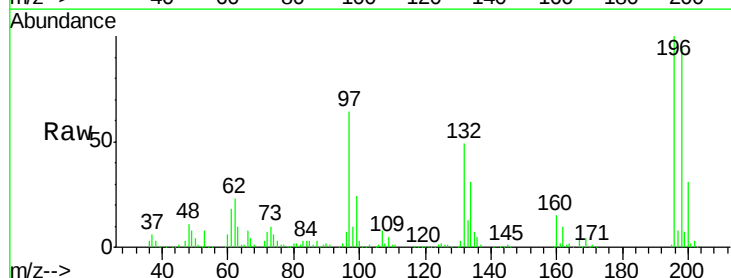


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

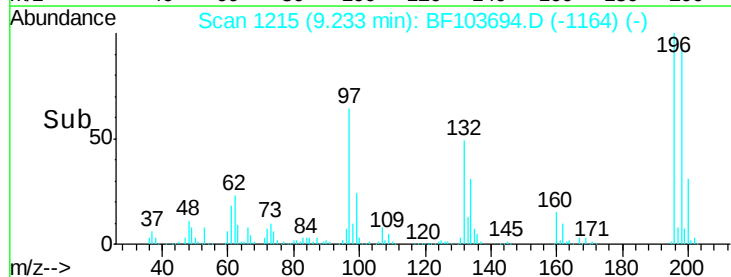
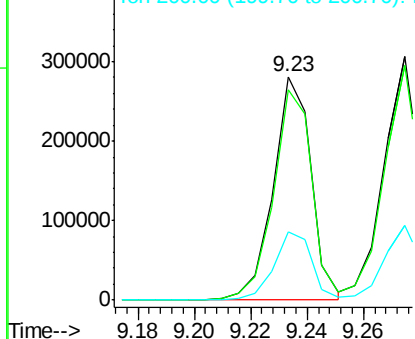


#42
 2,4,6-Trichlorophenol
 Concen: 42.977 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.5	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

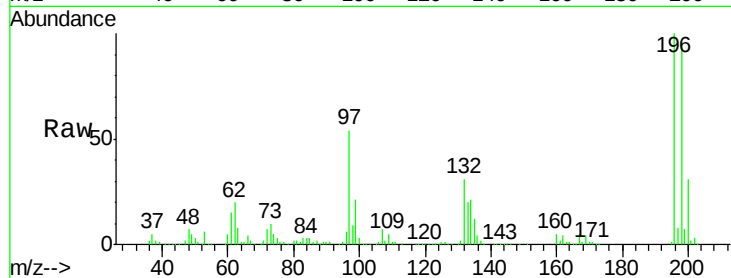




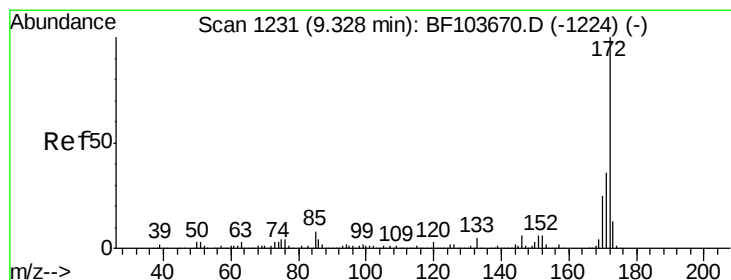
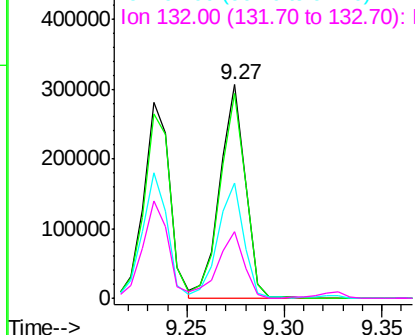
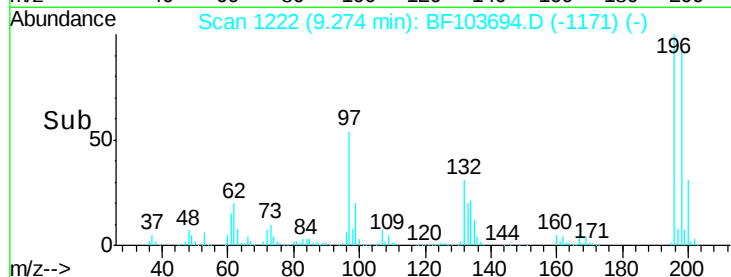
#43
 2,4,5-Trichlorophenol
 Concen: 40.068 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 275821
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 53.9 42.9 64.3
 132 31.2 26.3 39.5

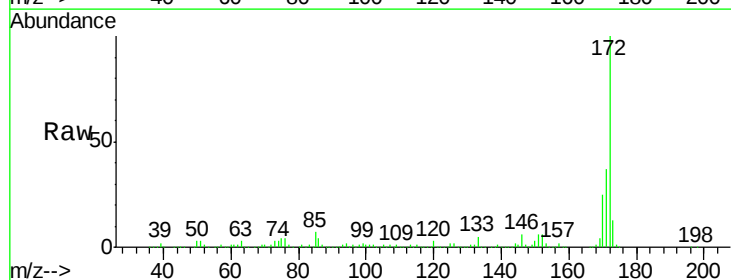


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

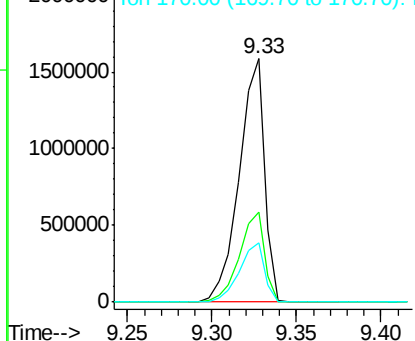
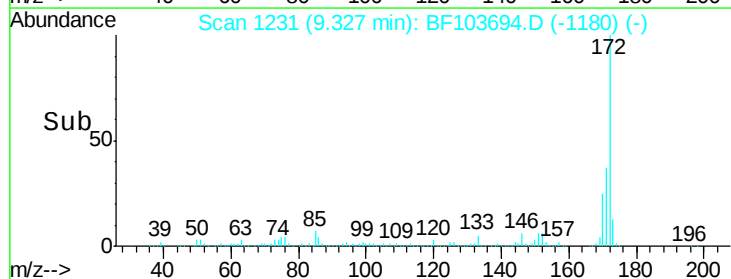


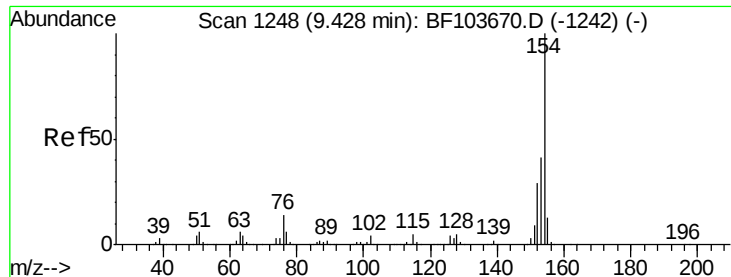
#44
 2-Fluorobiphenyl
 Concen: 79.199 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:172 Resp: 1659435
 Ion Ratio Lower Upper
 172 100
 171 36.9 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

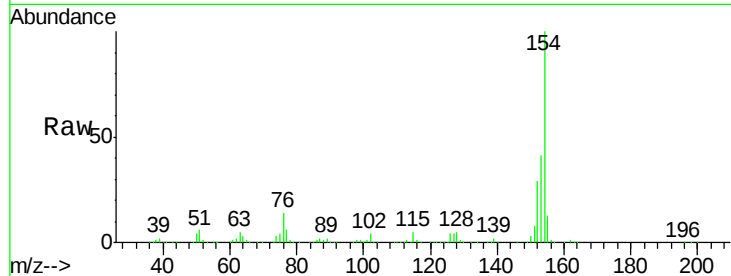




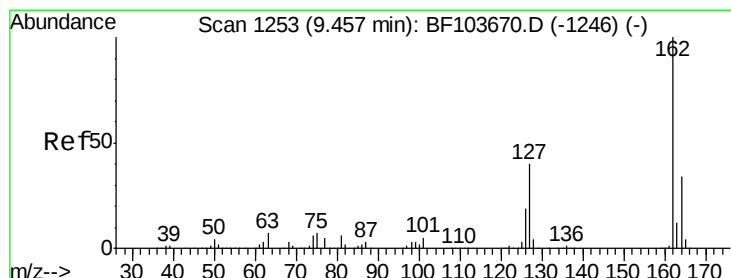
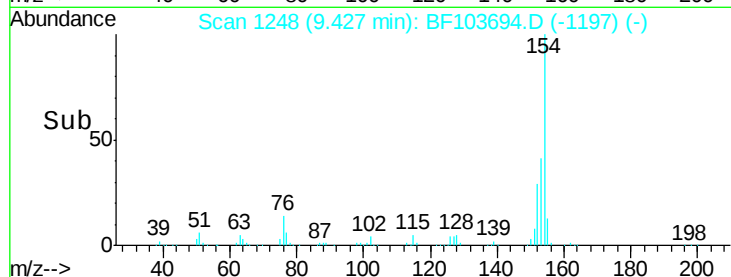
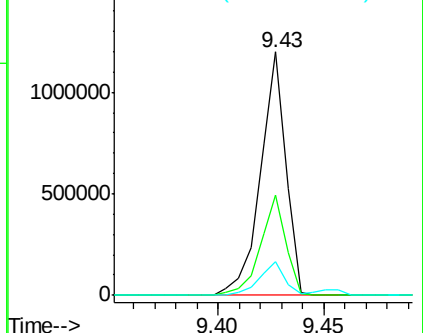
#45
 1,1'-Biphenyl
 Concen: 36.000 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1003320
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 14.0 0.0 34.0

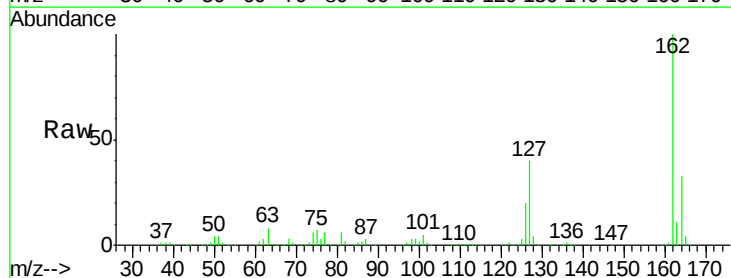


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

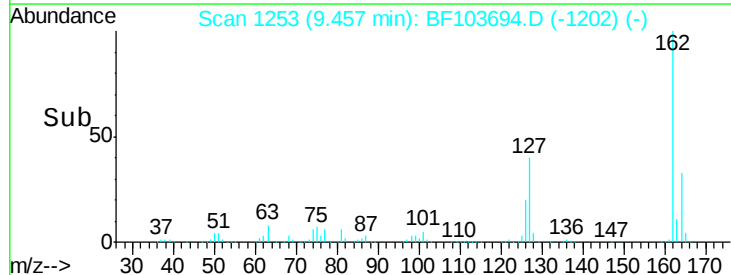
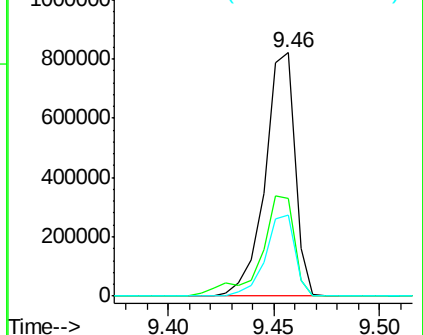


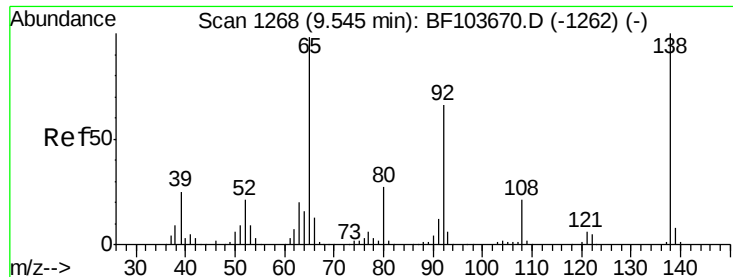
#46
 2-Chloronaphthalene
 Concen: 36.574 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:162 Resp: 809589
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.9 50.9
 164 33.5 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

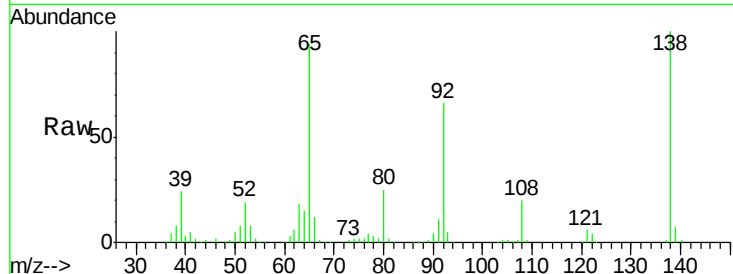




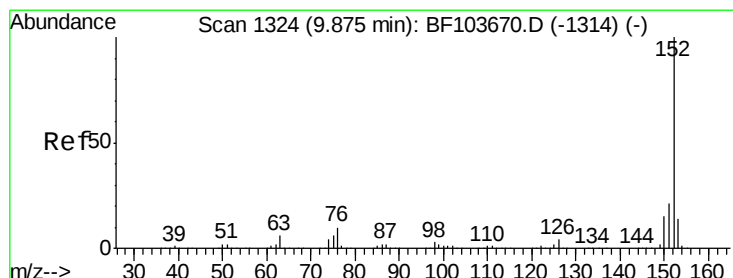
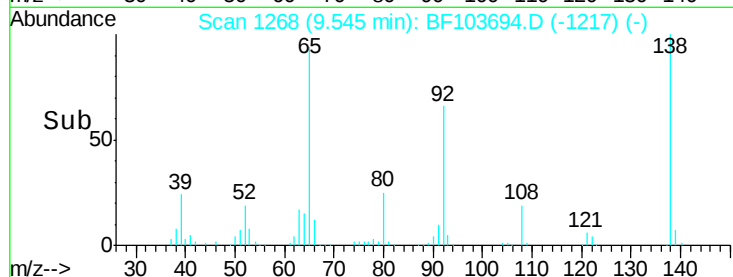
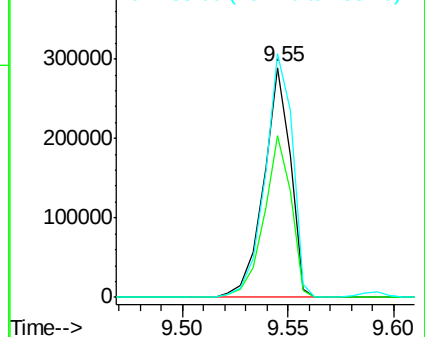
#47
2-Nitroaniline
Concen: 44.507 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 254384
Ion Ratio Lower Upper
65 100
92 70.1 55.8 83.6
138 105.9 91.2 136.8

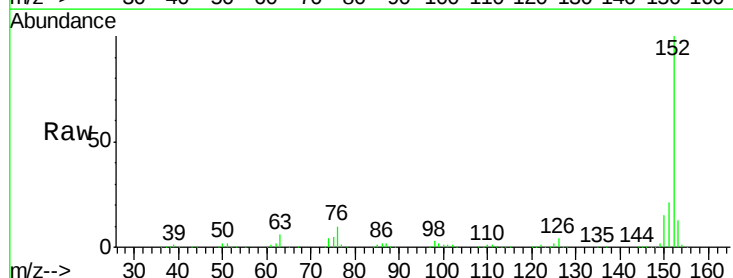


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

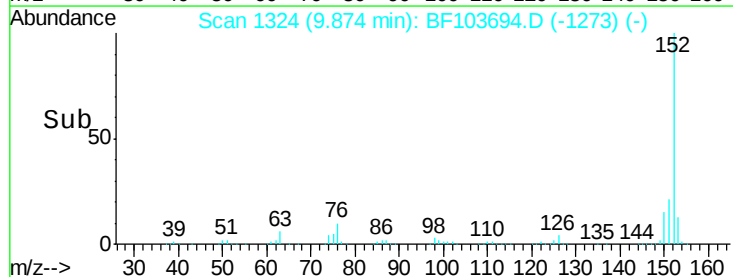
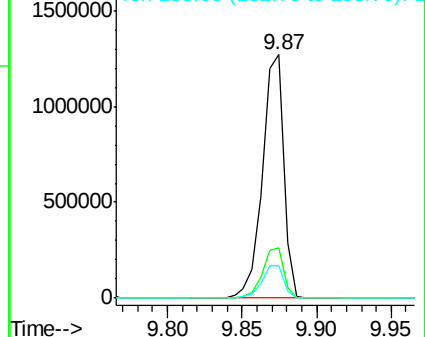


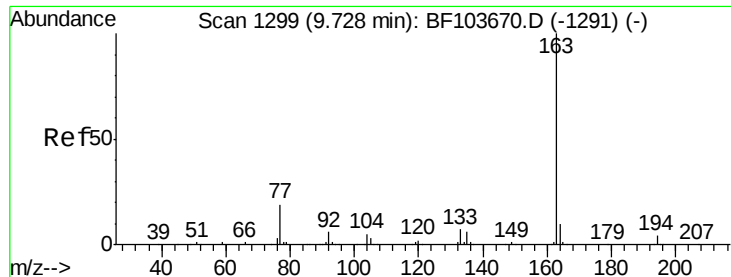
#48
Acenaphthylene
Concen: 36.155 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion: 152 Resp: 1241040
Ion Ratio Lower Upper
152 100
151 20.7 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

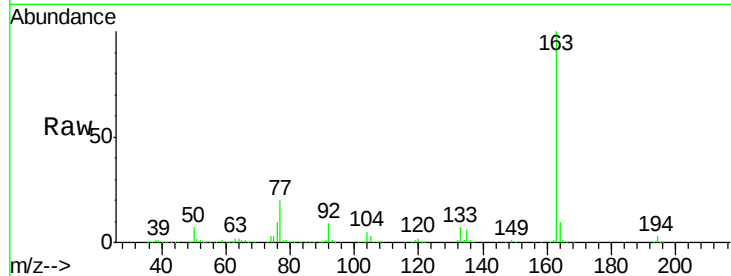




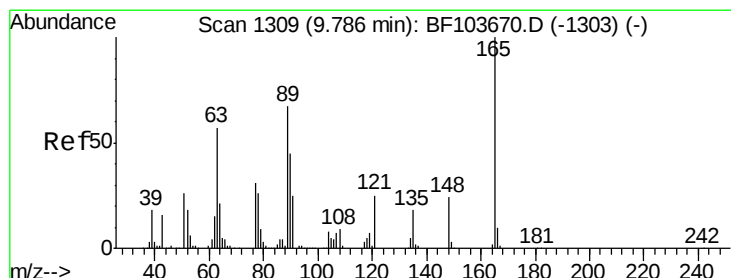
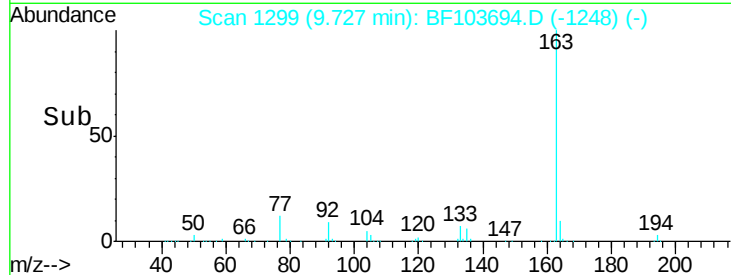
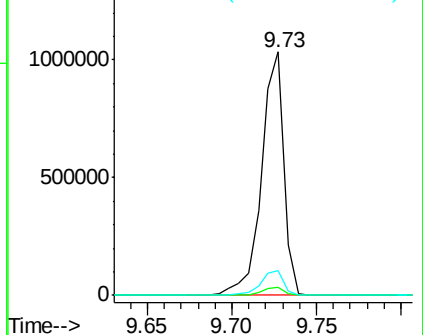
#49
Dimethylphthalate
Concen: 37.158 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 947515
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

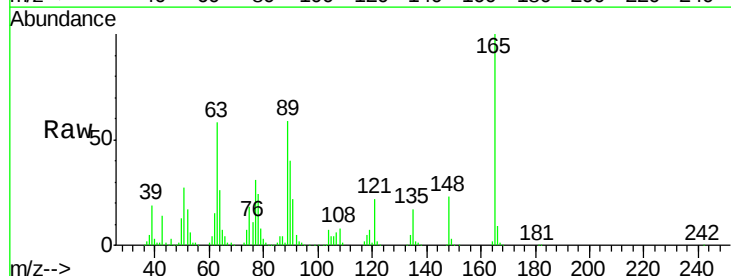


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

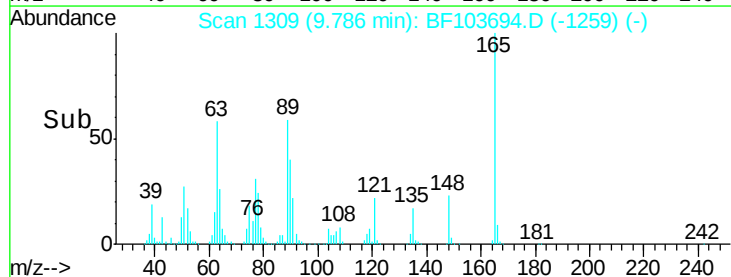
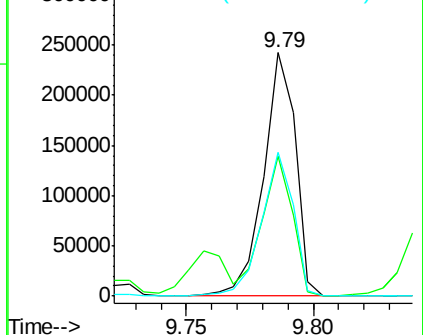


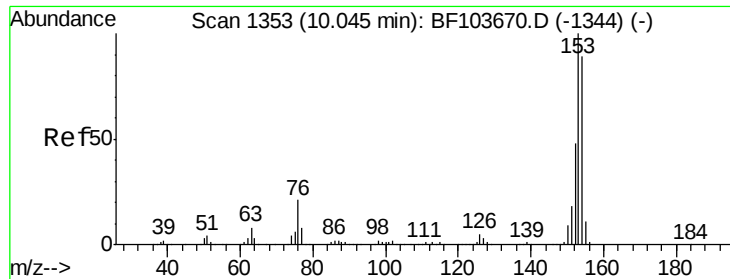
#50
2,6-Dinitrotoluene
Concen: 43.890 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:165 Resp: 214669
Ion Ratio Lower Upper
165 100
63 57.6 44.7 67.1
89 59.1 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: 37.986 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

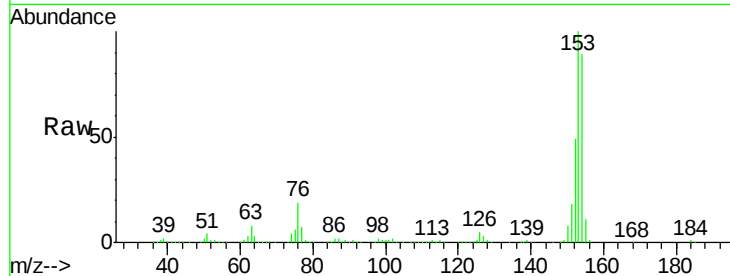
Tot Ion:154 Resp: 774211

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

152 54.5 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

1200000

1000000

800000

600000

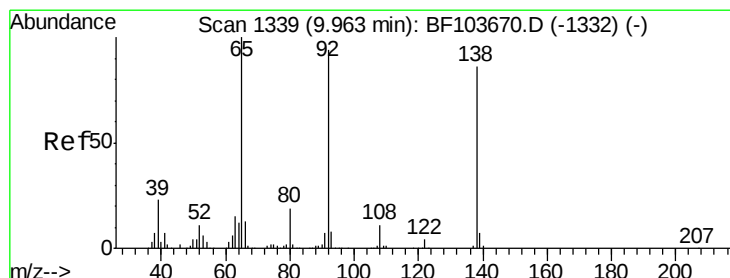
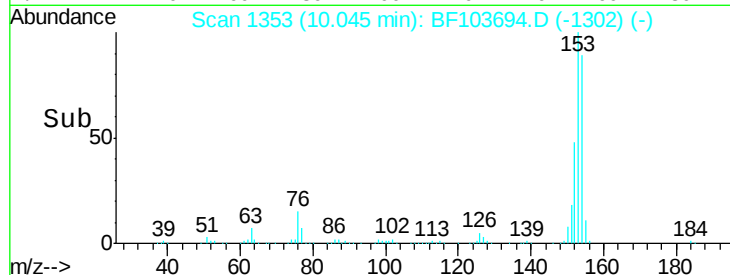
400000

200000

0

10.05

Time-->



#52

3-Nitroaniline

Concen: 25.195 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

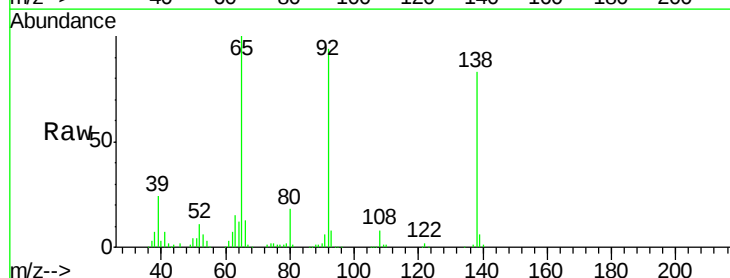
Tgt Ion:138 Resp: 137310

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

92 113.8 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

250000

200000

150000

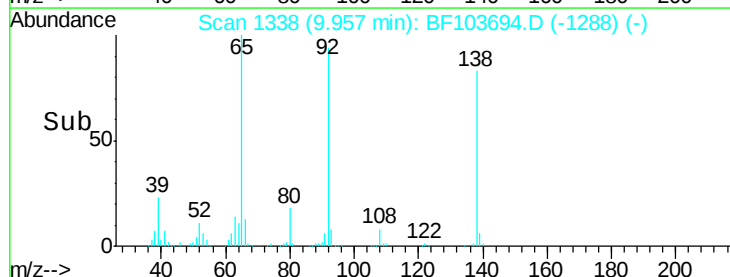
100000

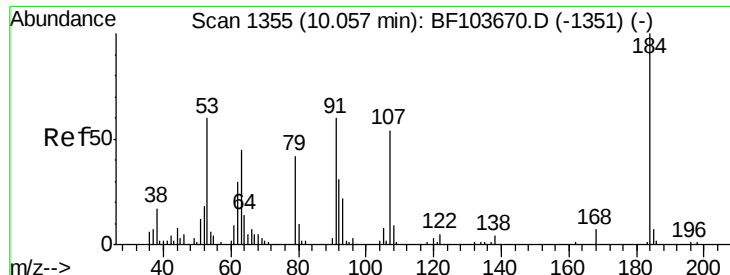
50000

0

9.96

Time-->

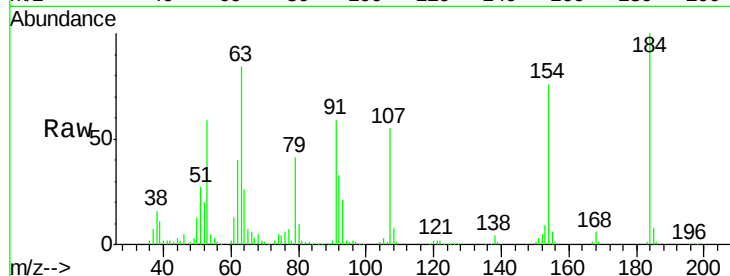




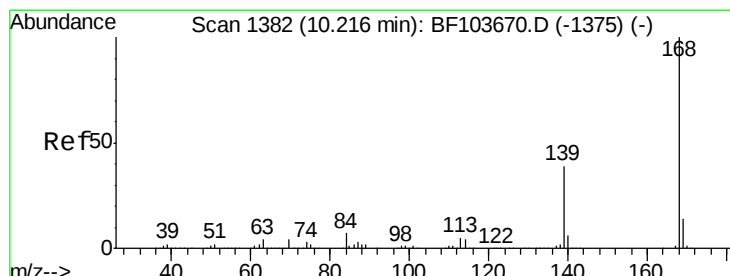
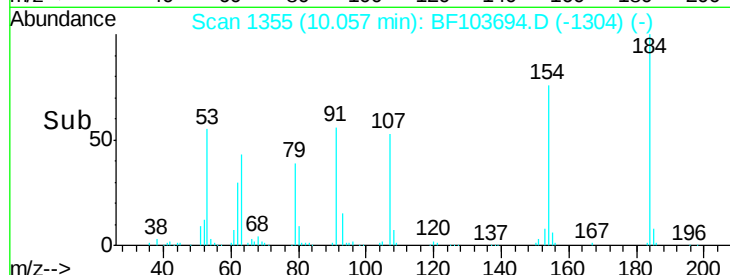
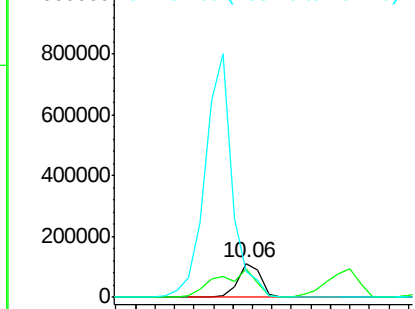
#53
2,4-Dinitrophenol
Concen: 67.394 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 90267
Ion Ratio Lower Upper
184 100
63 83.6 54.2 81.2#
154 76.4 184.0 276.0#

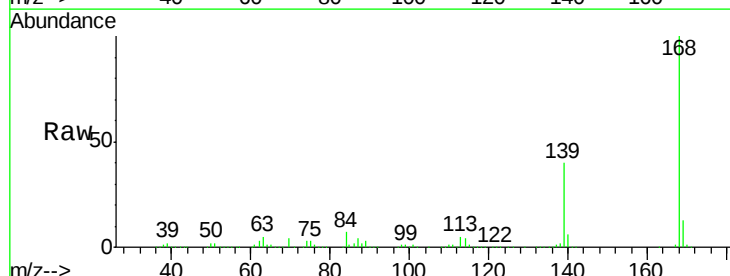


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

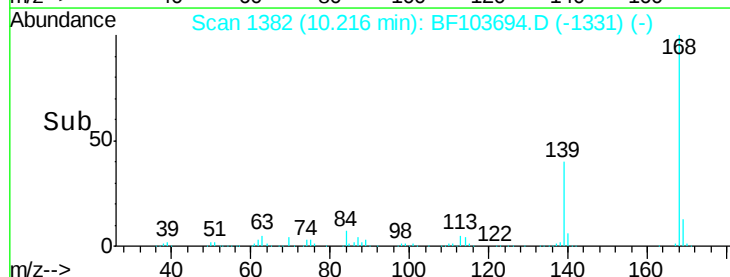
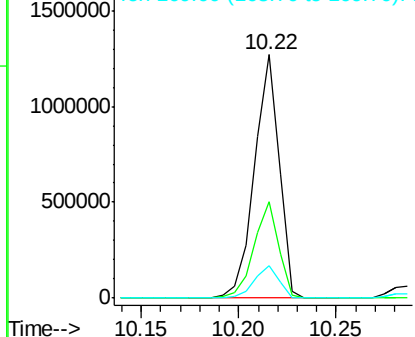


#54
Dibenzofuran
Concen: 38.238 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:168 Resp: 1113078
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 13.5 10.9 16.3



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

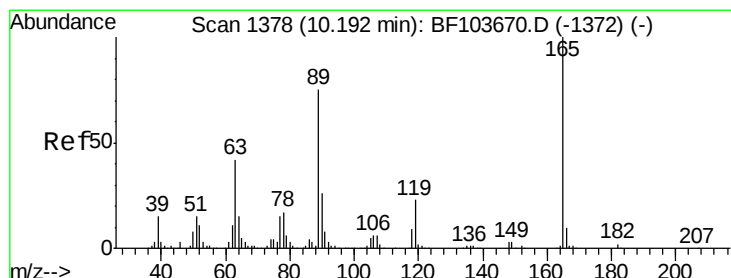
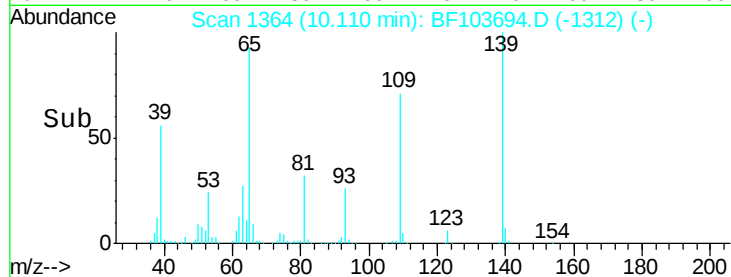
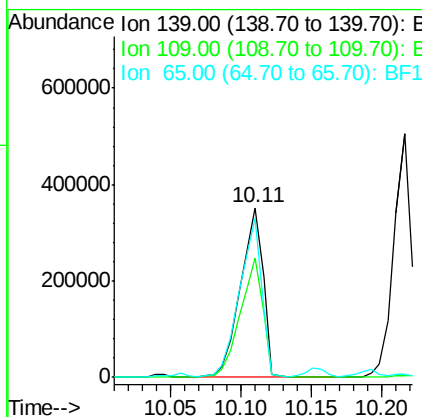
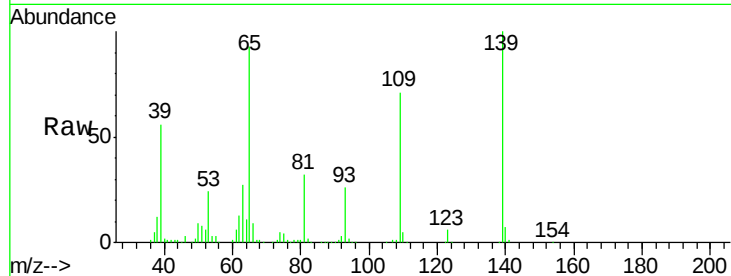




#55
4-Nitrophenol
Concen: 83.961 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

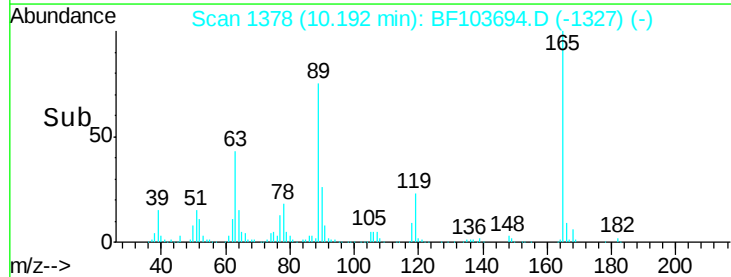
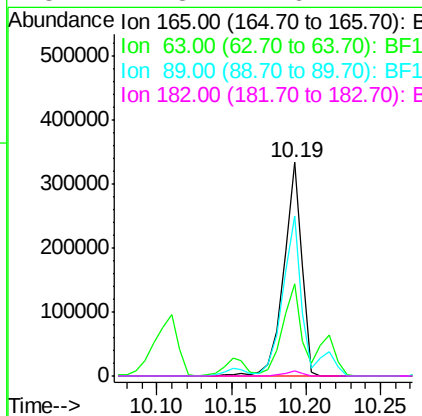
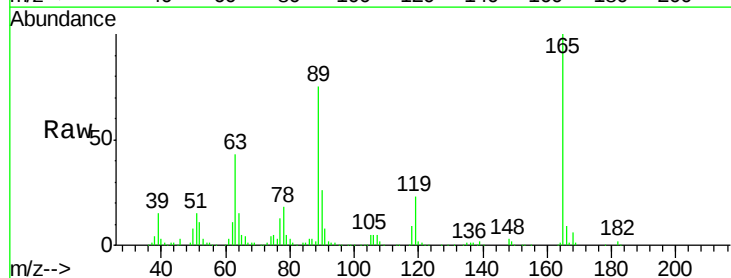
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 393203
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 93.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.088 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:165 Resp: 286243
Ion Ratio Lower Upper
165 100
63 43.2 36.4 54.6
89 75.1 57.8 86.6
182 2.3 1.6 2.4

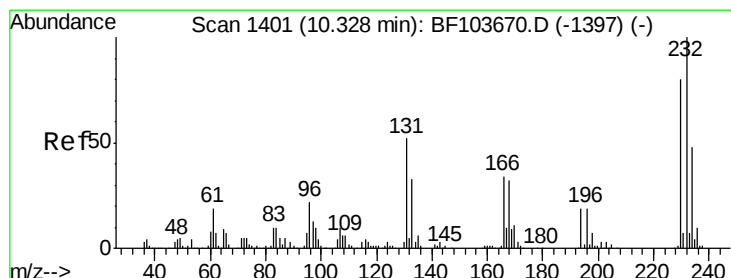
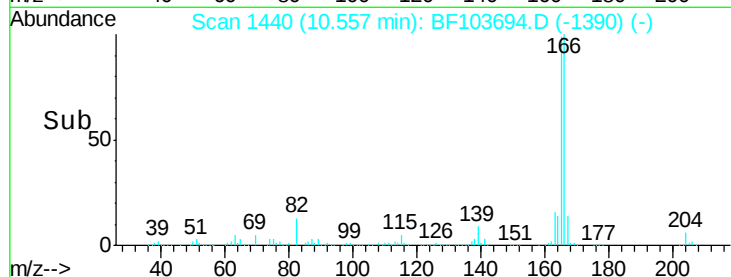
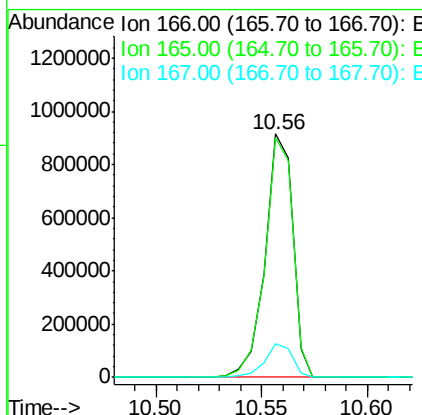
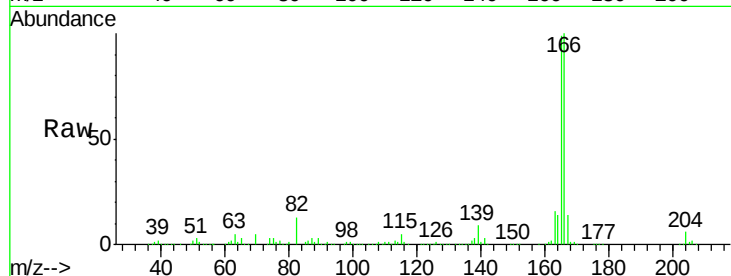




#57
 Fluorene
 Concen: 37.089 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

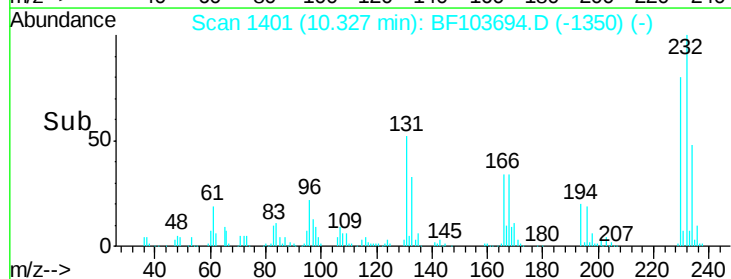
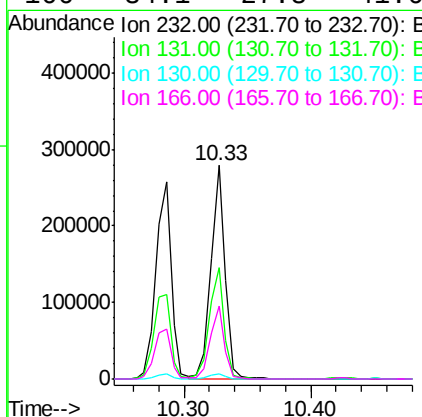
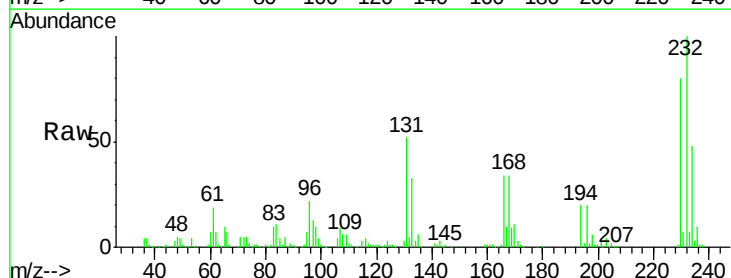
Instrument :
 BNA_F
 ClientSampleId :

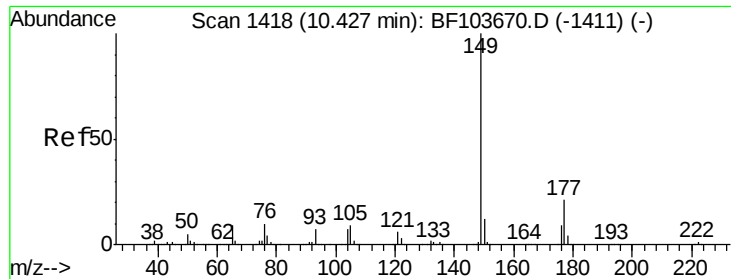
Tot Ion:166 Resp: 837763
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.556 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:232 Resp: 222210
 Ion Ratio Lower Upper
 232 100
 131 52.7 43.8 65.8
 130 2.7 2.1 3.1
 166 34.1 27.8 41.6

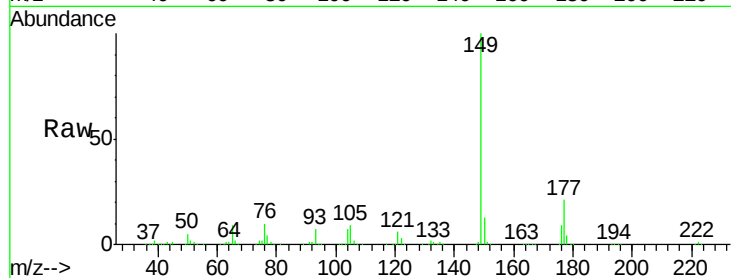




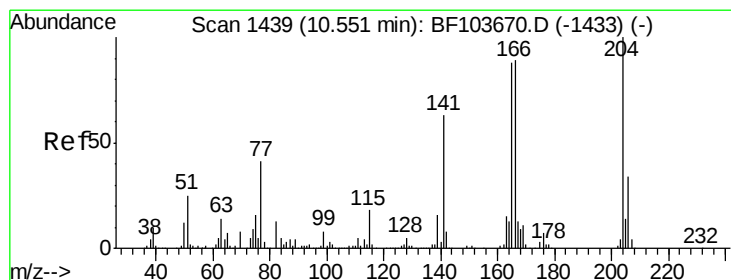
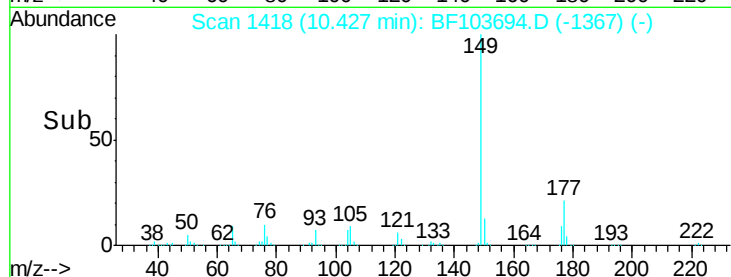
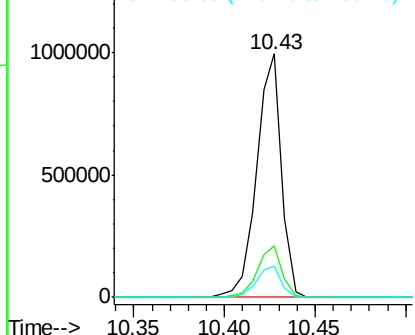
#59
Diethylphthalate
Concen: 36.989 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 936153
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.6 10.1 15.1

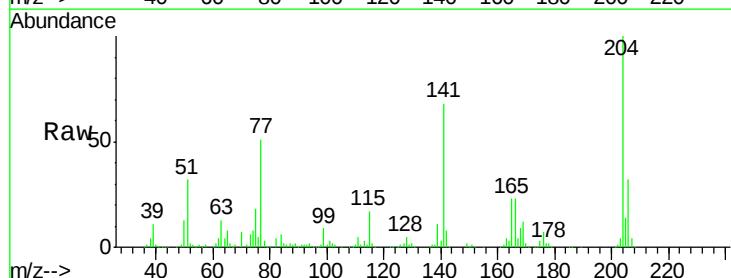


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

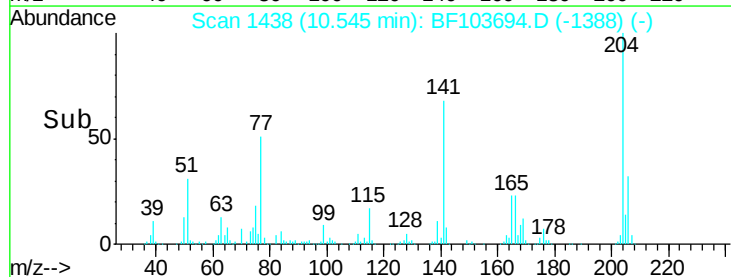
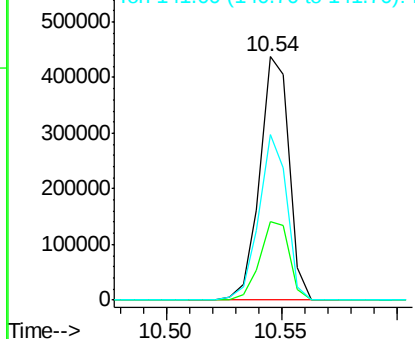


#60
4-Chlorophenyl-phenylether
Concen: 37.531 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:204 Resp: 387435
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 68.1 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

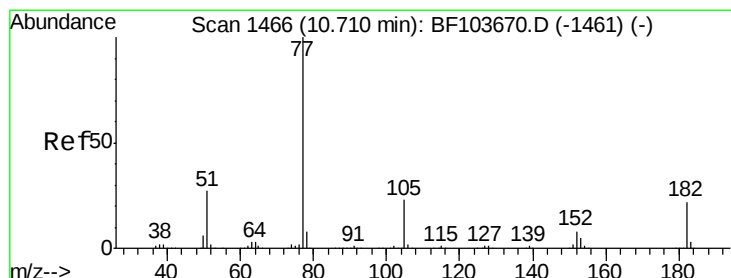
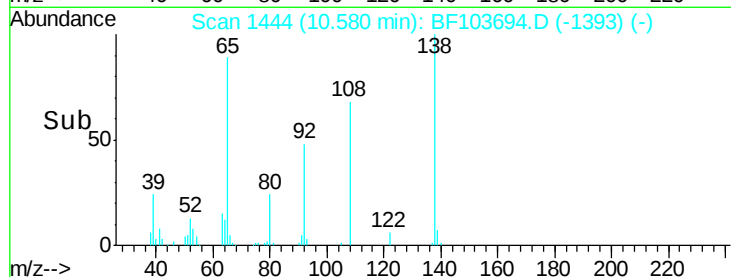
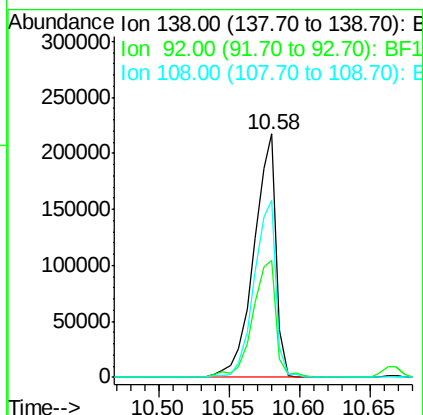
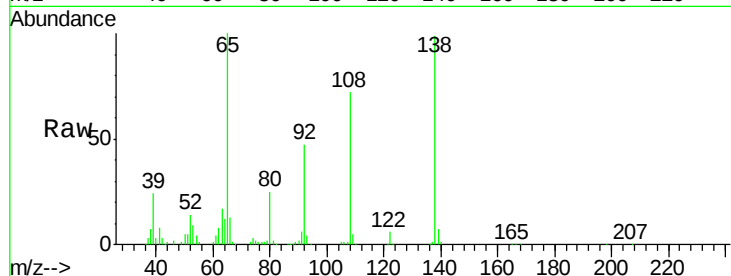




#61
4-Nitroaniline
Concen: 42.602 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

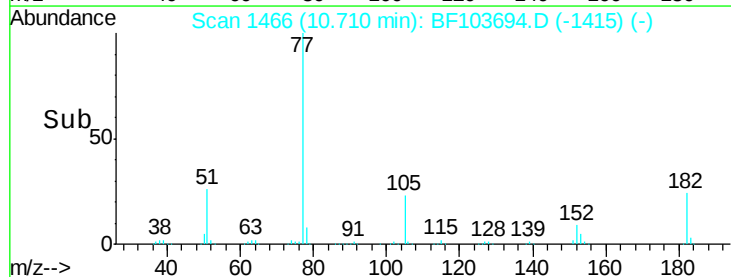
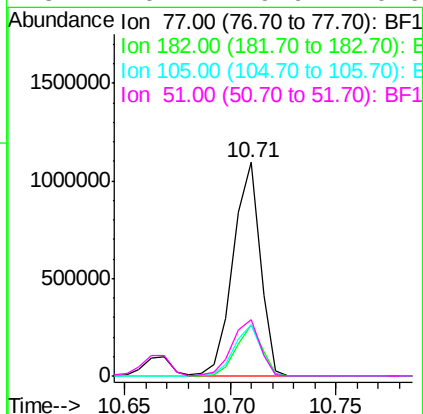
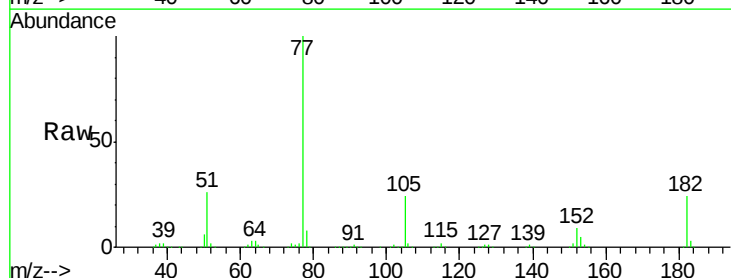
Instrument :
BNA_F
ClientSampled :

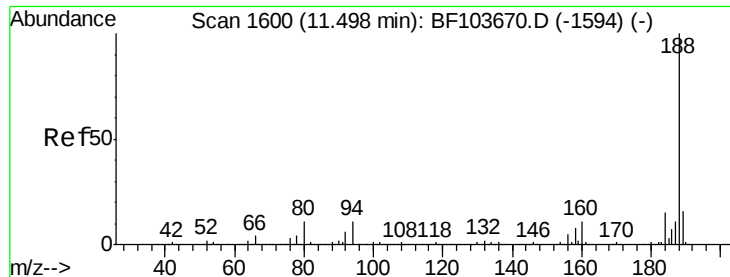
Tot Ion:138 Resp: 239800
Ion Ratio Lower Upper
138 100
92 48.0 30.2 70.2
108 73.0 52.5 92.5



#62
Azobenzene
Concen: 37.634 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion: 77 Resp: 968369
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 23.9 3.0 43.0
51 26.4 9.9 49.9

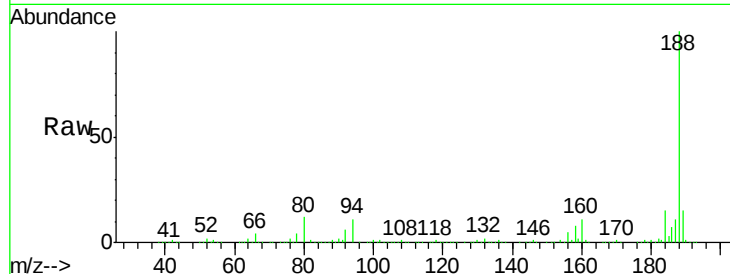




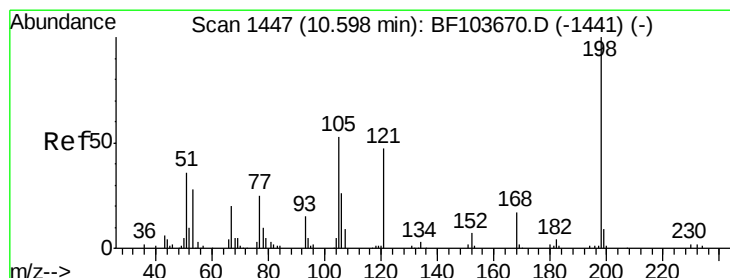
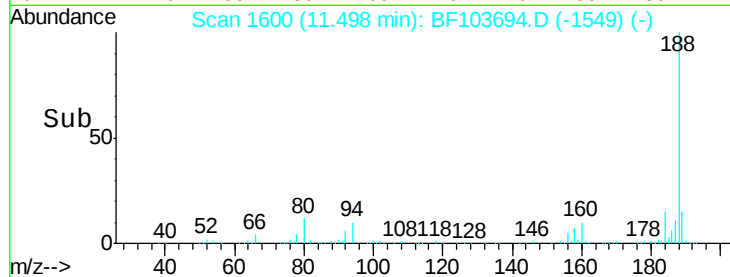
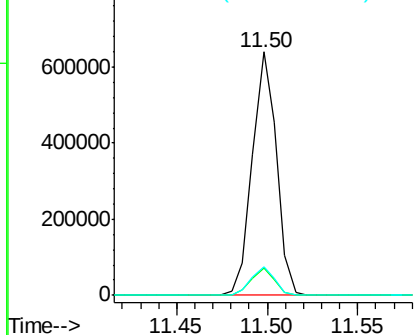
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 594453
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.7 9.2 13.8

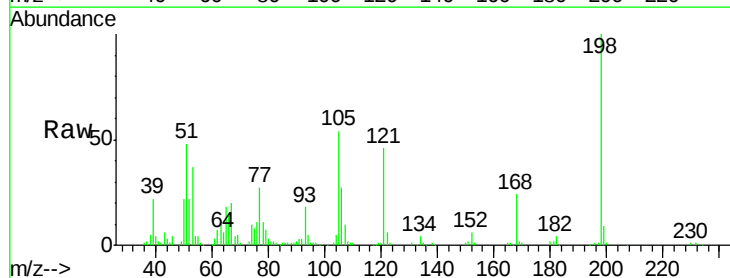


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

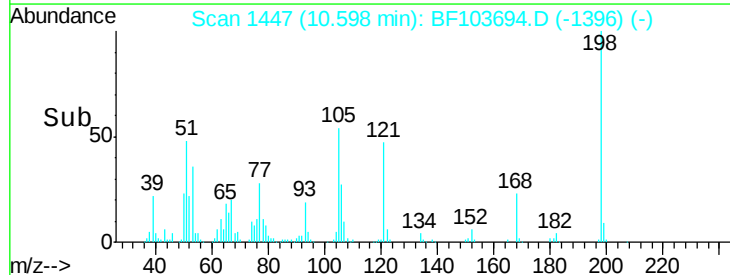
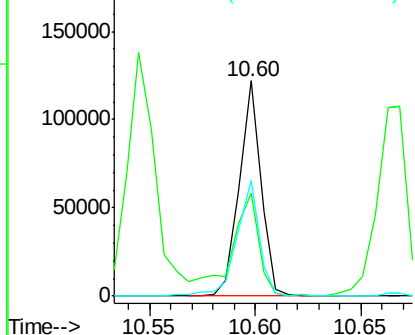


#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.124 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:198 Resp: 86129
 Ion Ratio Lower Upper
 198 100
 51 47.8 37.7 77.7
 105 54.0 36.3 76.3



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

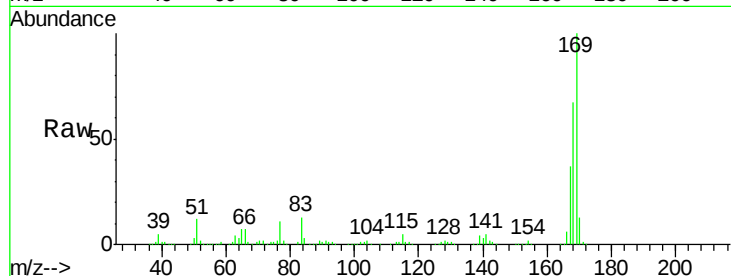




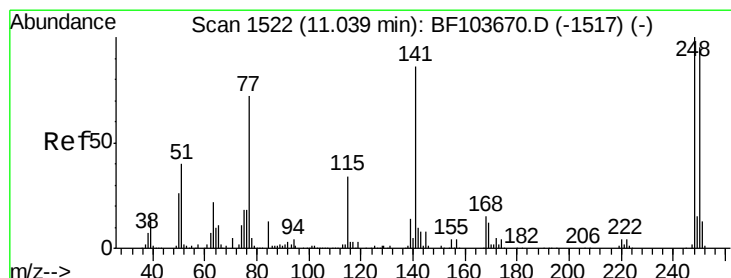
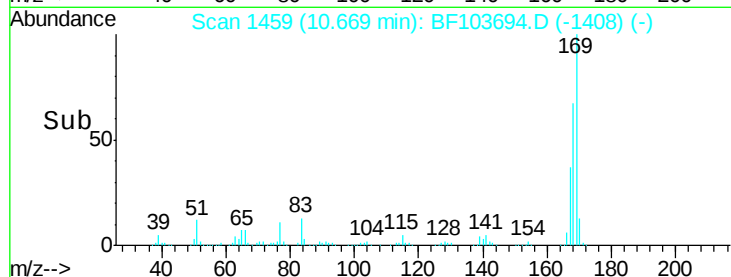
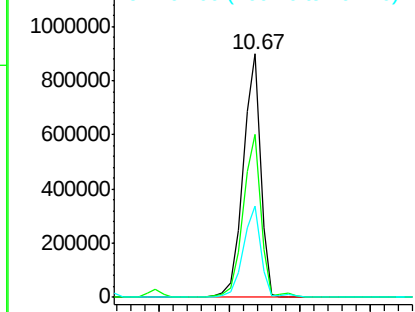
#65
 n-Nitrosodiphenylamine
 Concen: 38.004 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 768974
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.4 81.6
 167 37.4 29.8 44.6

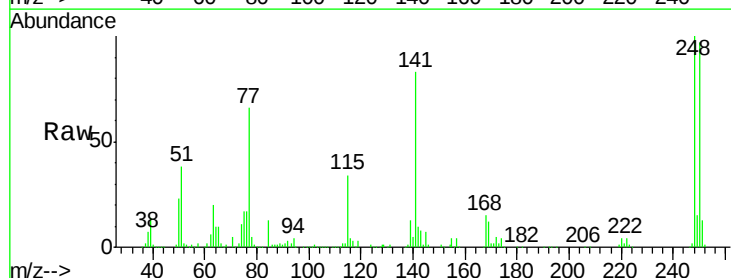


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

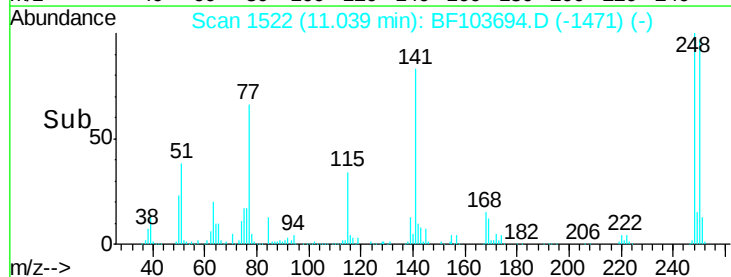
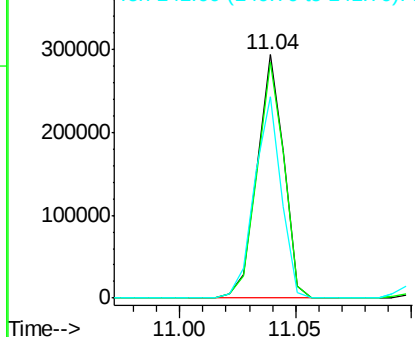


#66
 4-Bromophenyl-phenylether
 Concen: 38.871 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:248 Resp: 237250
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.9 115.3
 141 82.9 74.4 111.6



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

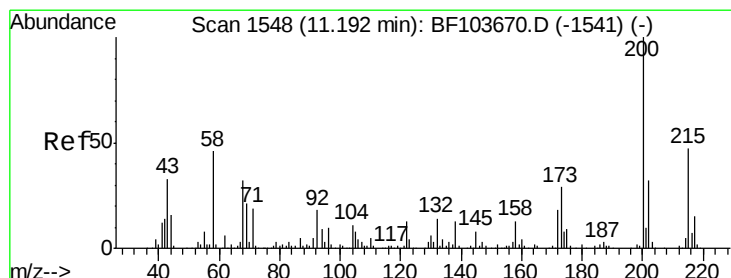
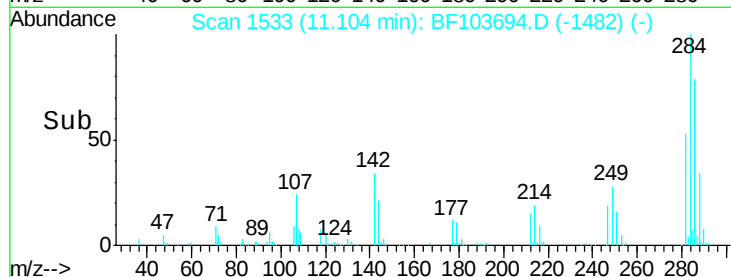
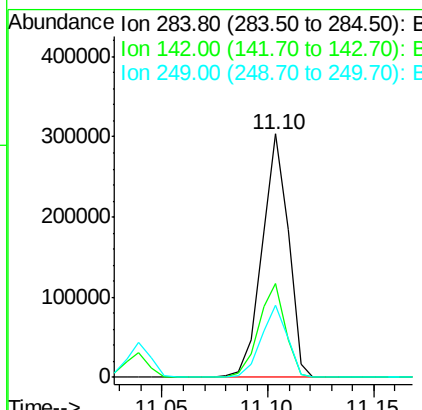
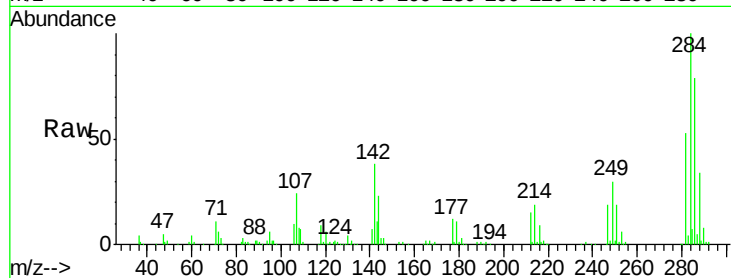




#67
Hexachlorobenzene
Concen: 37.730 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

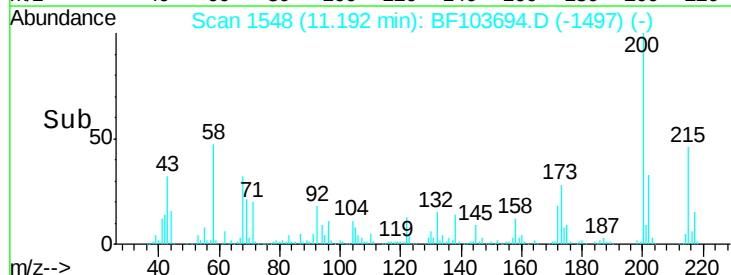
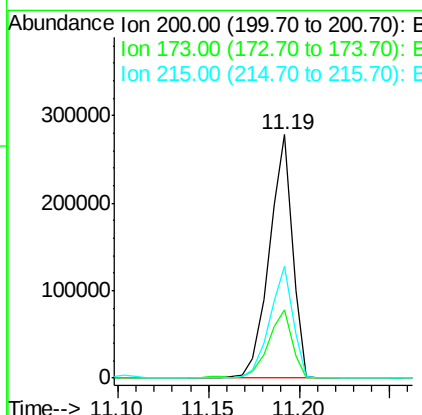
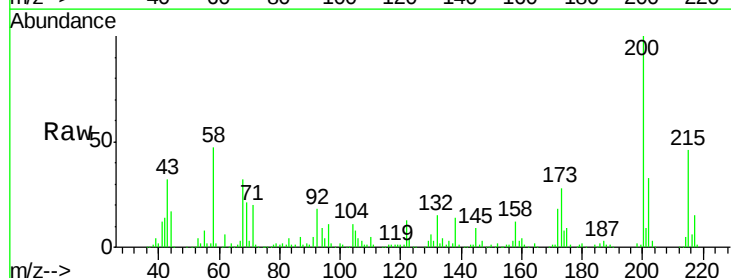
Instrument :
BNA_F
ClientSampleId :

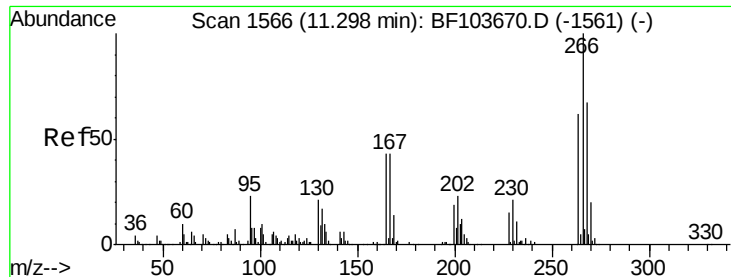
Tot Ion:284 Resp: 262832
Ion Ratio Lower Upper
284 100
142 38.5 34.6 52.0
249 29.7 24.8 37.2



#68
Atrazine
Concen: 39.363 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:200 Resp: 246384
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 46.1 25.1 65.1

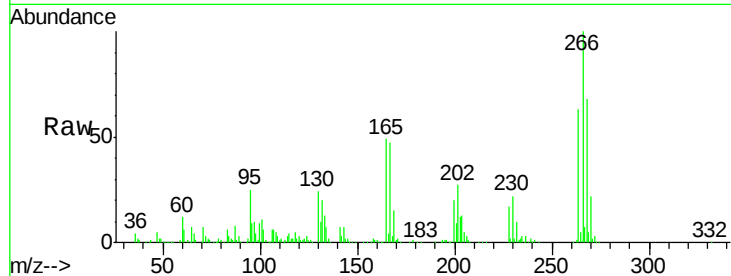




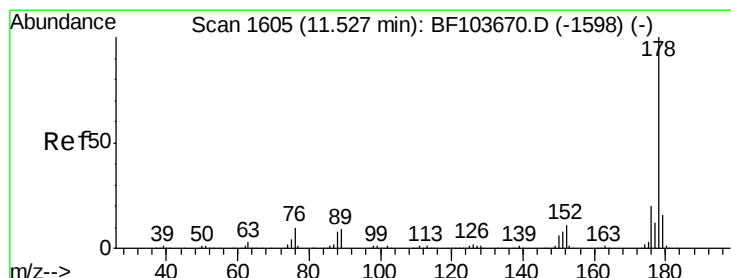
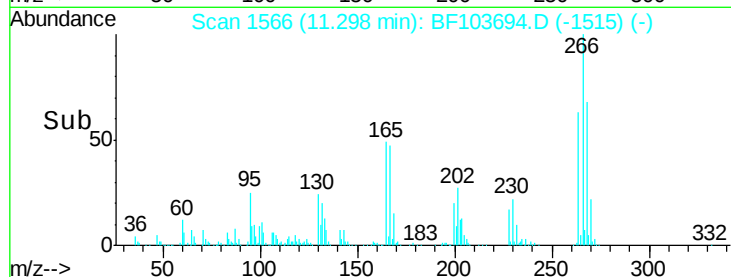
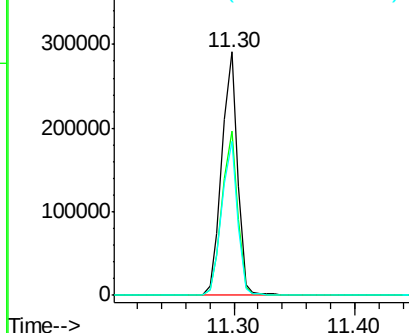
#69
 Pentachlorophenol
 Concen: 65.759 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 263362
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.1 76.7
 264 63.5 49.5 74.3

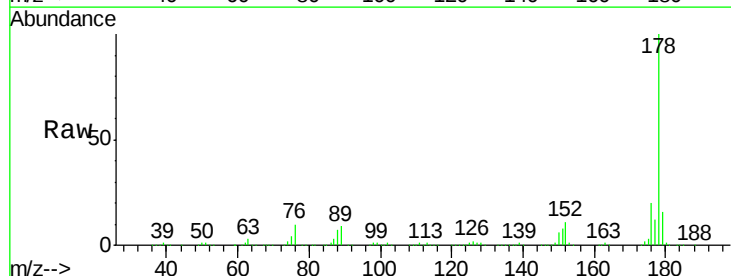


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

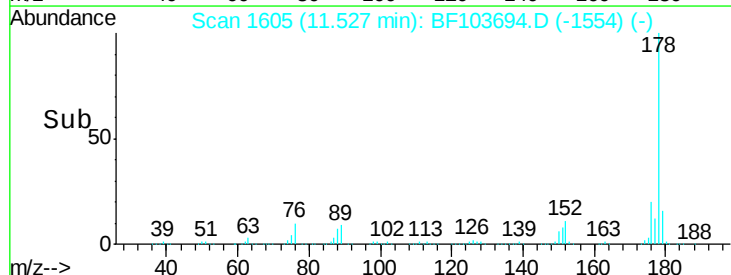
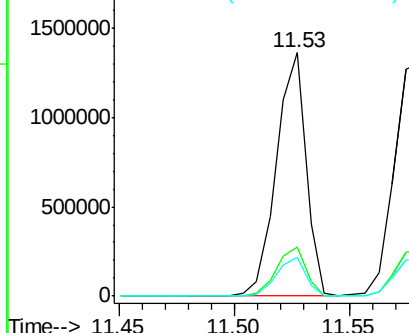


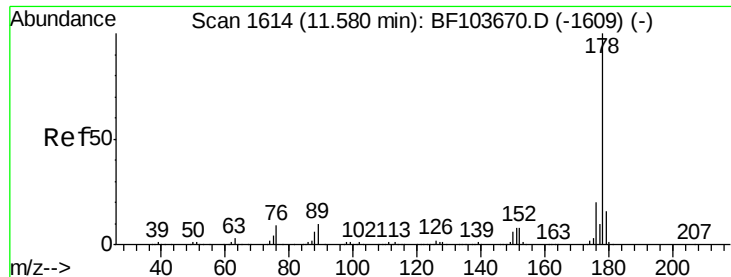
#70
 Phenanthrene
 Concen: 37.275 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:178 Resp: 1212098
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.8 13.0 19.6



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

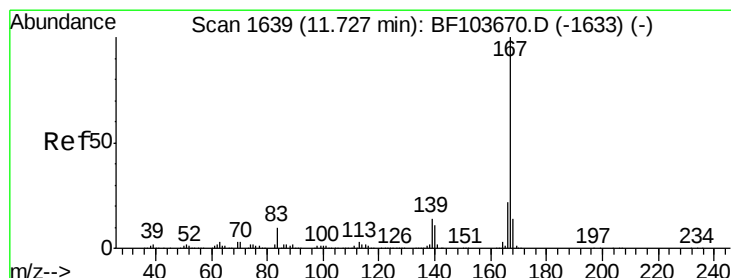
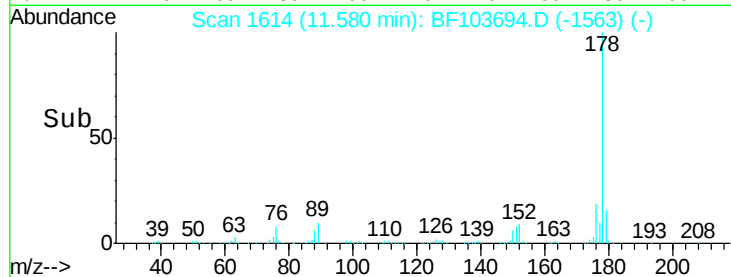
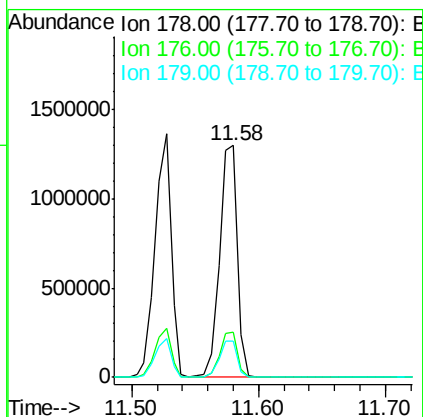
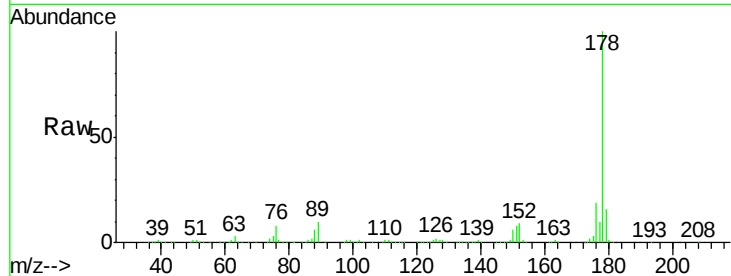




#71
 Anthracene
 Concen: 38.570 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

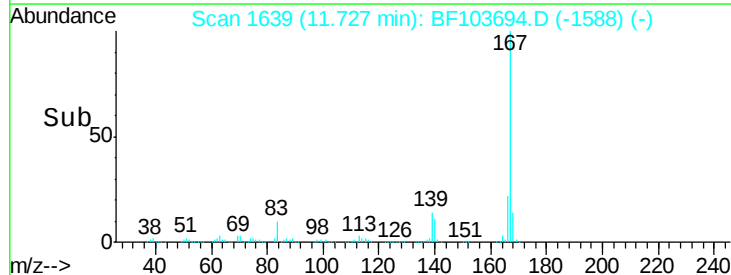
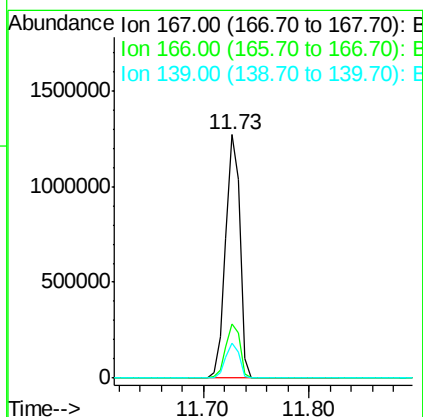
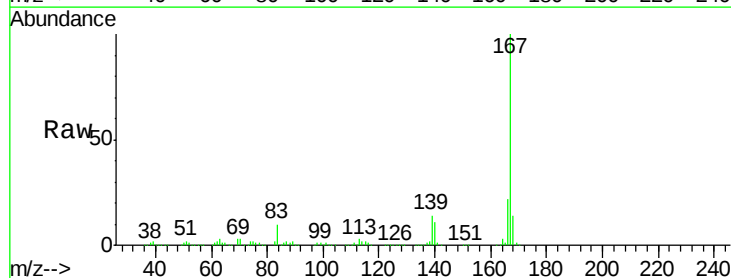
Instrument :
 BNA_F
 ClientSampleId :

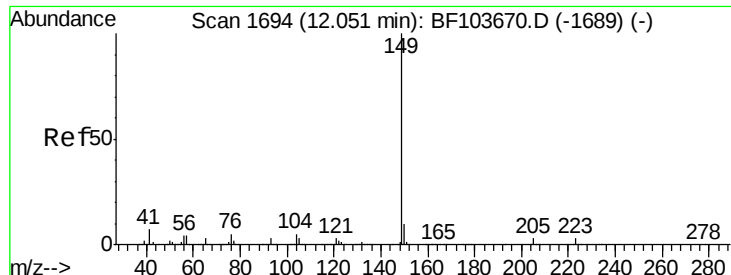
Tot Ion:178 Resp: 1273855
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 37.454 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:167 Resp: 1202310
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.334 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

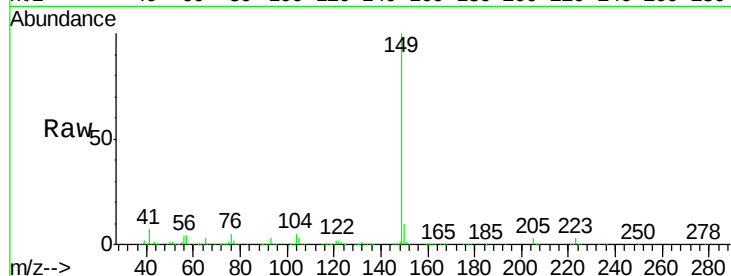
Tot Ion:149 Resp: 1476525

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

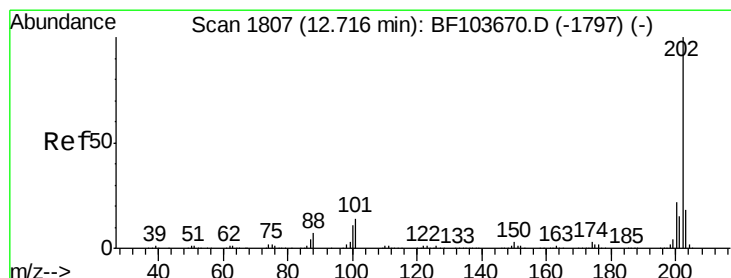
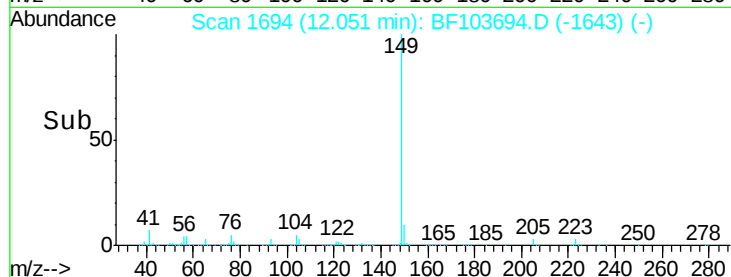
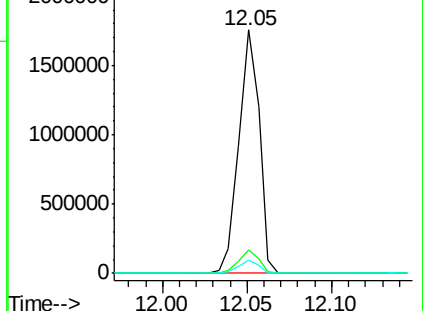
104 5.3 3.8 5.8



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: 38.676 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

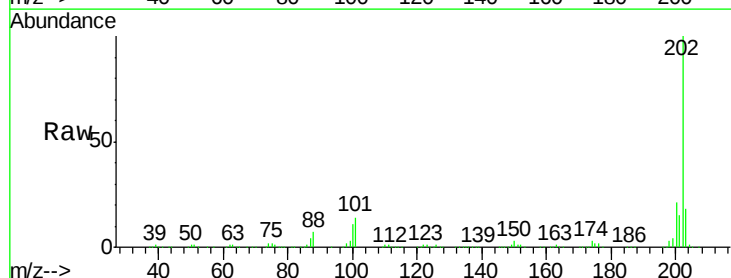
Tgt Ion:202 Resp: 1295674

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

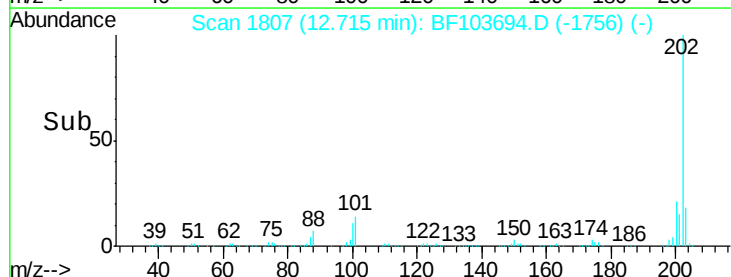
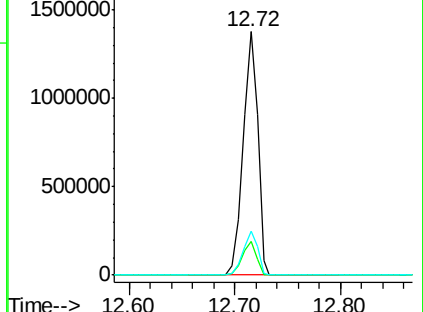
203 18.1 0.0 38.1

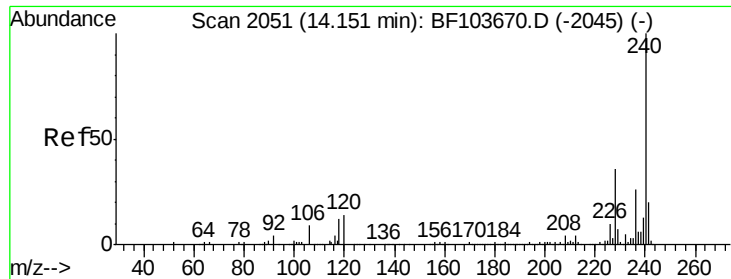


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

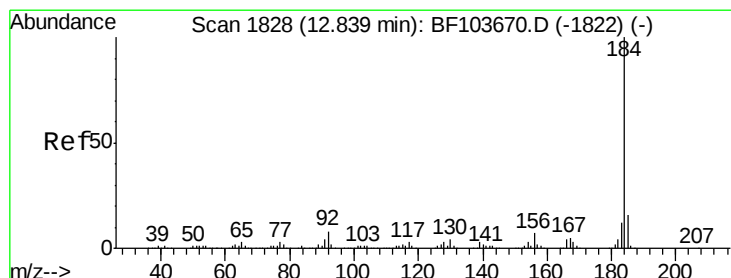
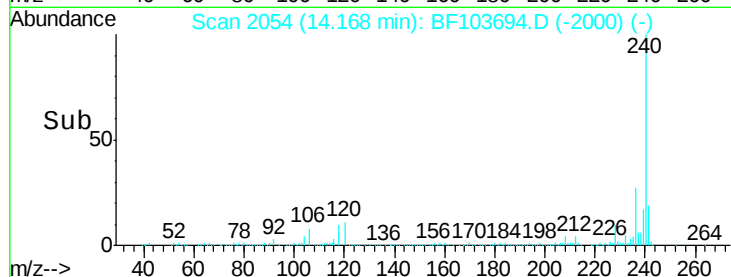
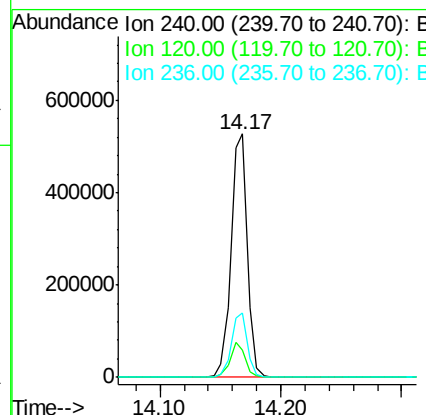
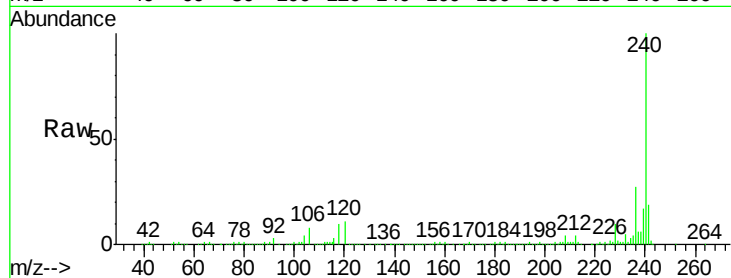




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.02 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

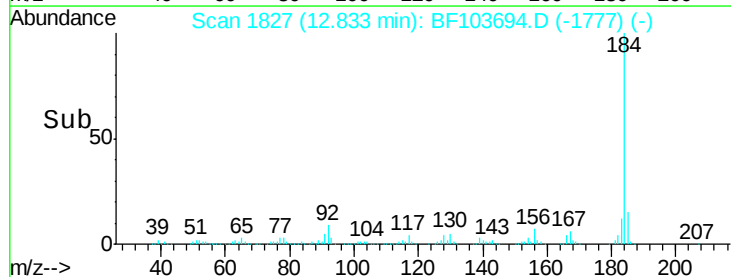
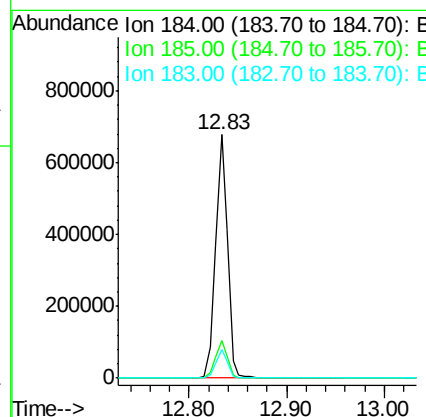
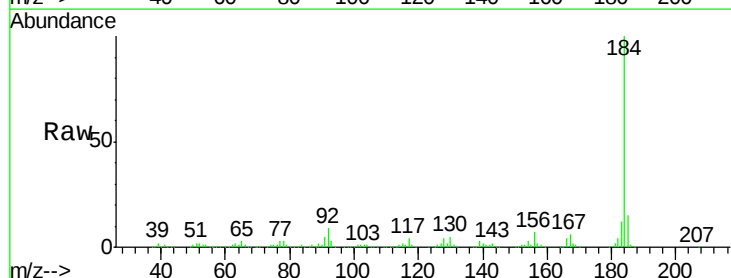
Instrument :
BNA_F
ClientSampleId :

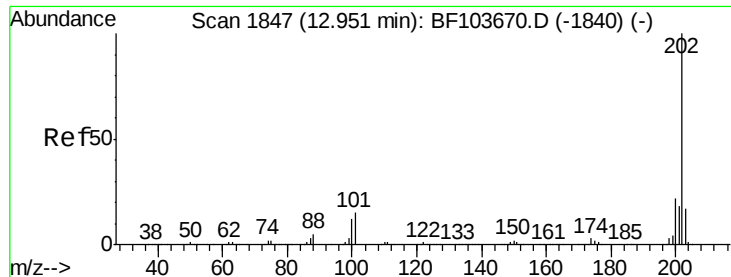
Tot Ion:240 Resp: 491829
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.5 20.7 31.1



#76
Benzidine
Concen: 27.474 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:184 Resp: 576308
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 11.7 9.3 13.9

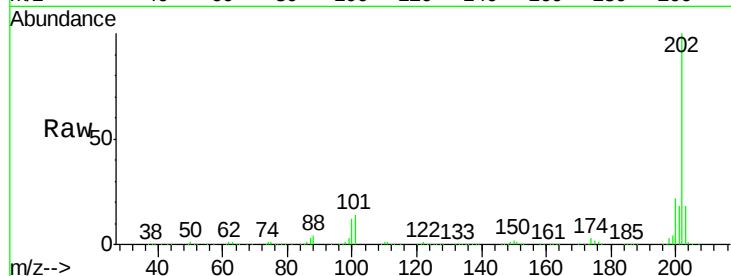




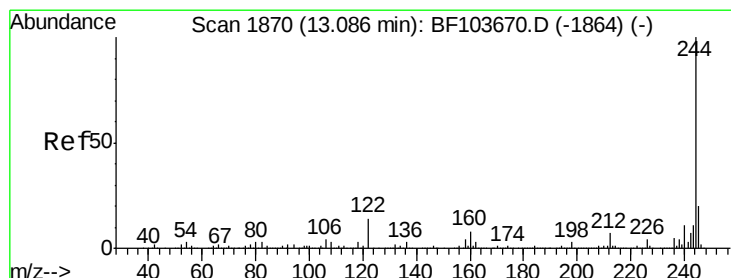
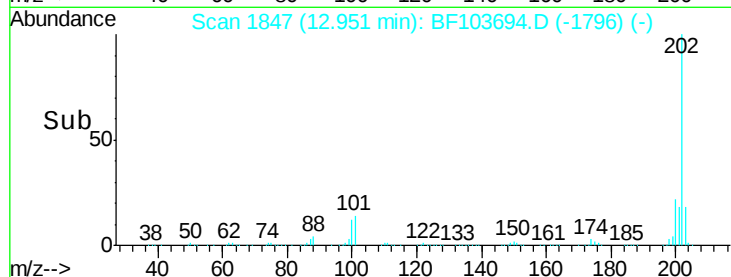
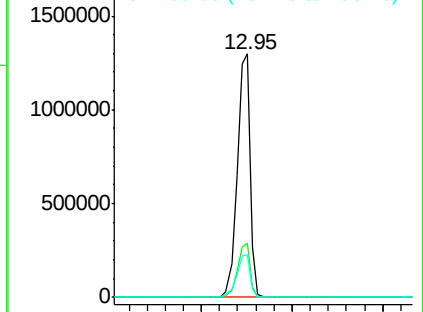
#77
Pvrene
Concen: 36.214 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1308036
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.8 14.3 21.5

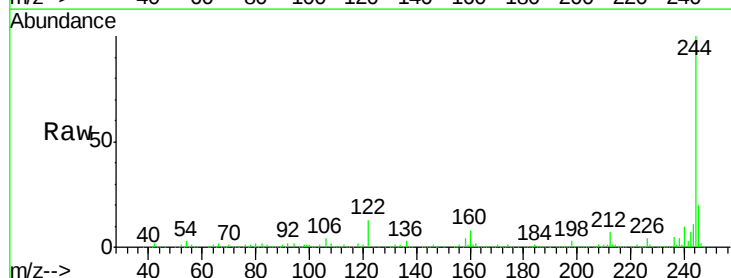


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

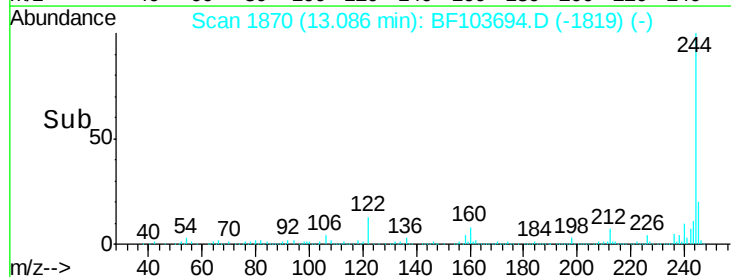
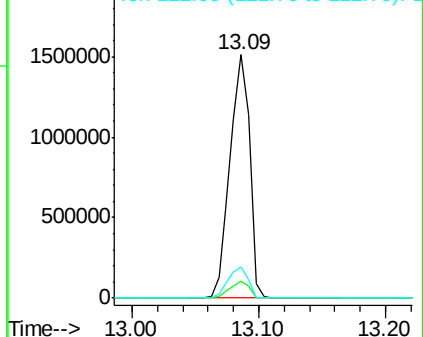


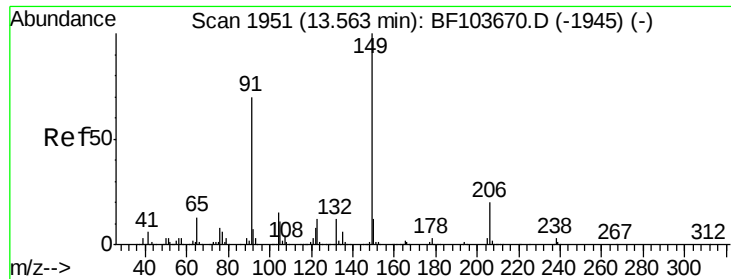
#78
Terphenyl-d14
Concen: 76.169 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:244 Resp: 1613940
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

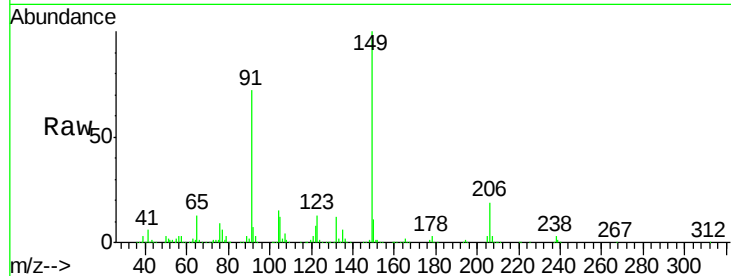




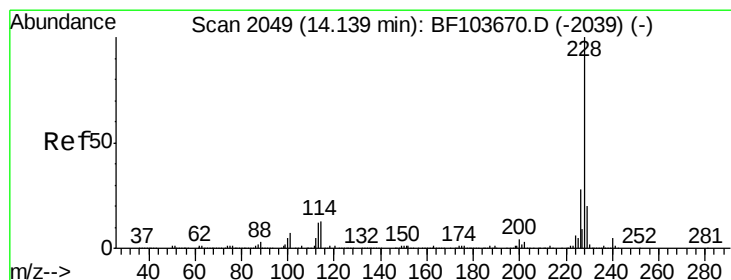
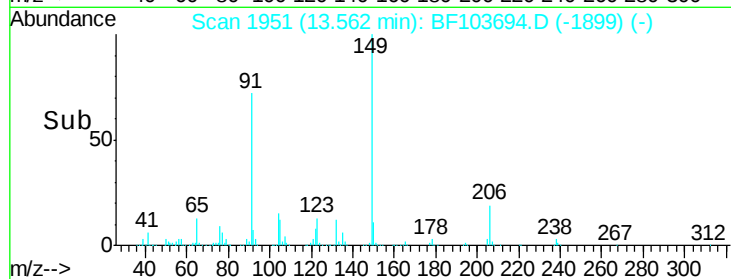
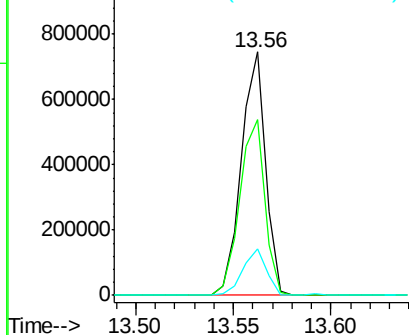
#79
Butylbenzylphthalate
Concen: 40.148 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 642489
Ion Ratio Lower Upper
149 100
91 72.2 56.8 85.2
206 19.2 14.1 21.1

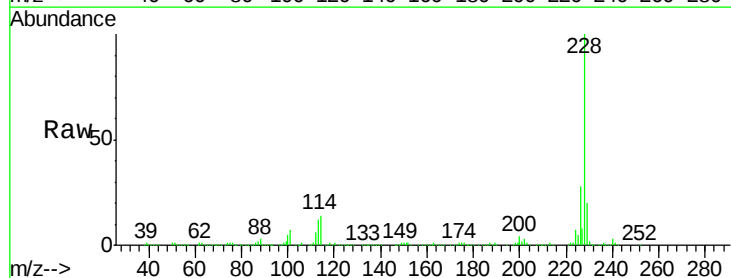


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

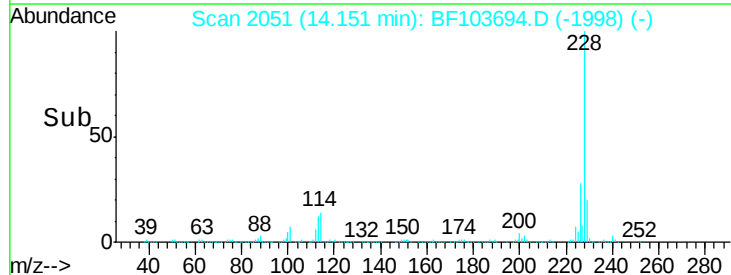
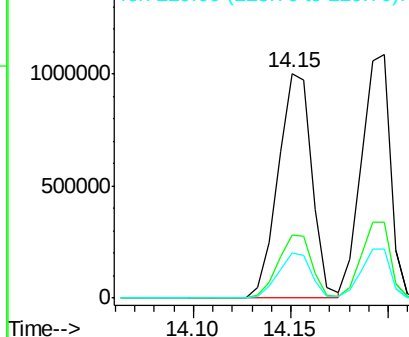


#80
Benzo(a)anthracene
Concen: 38.520 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:228 Resp: 1199216
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.3 15.8 23.6



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

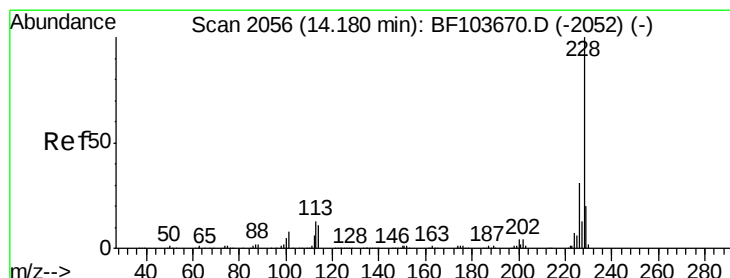
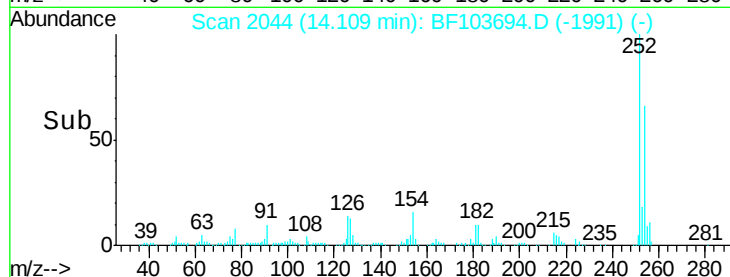
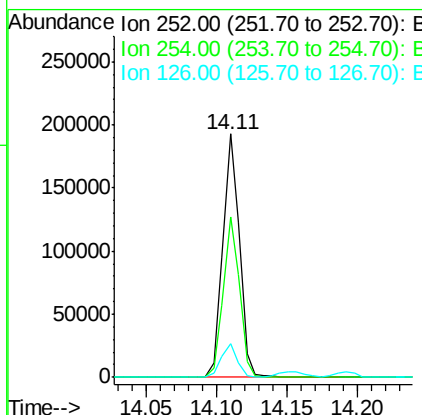
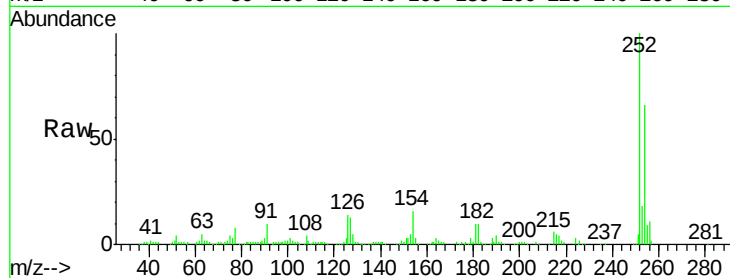




#81
 3,3'-Dichlorobenzidine
 Concen: 15.224 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

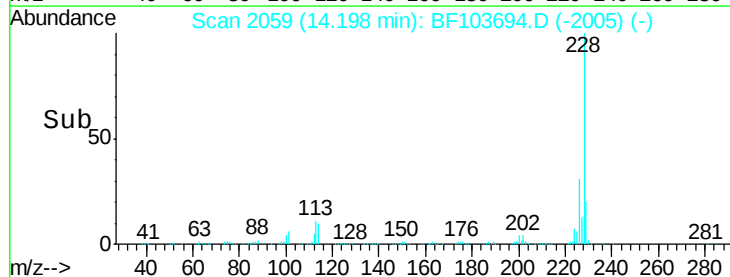
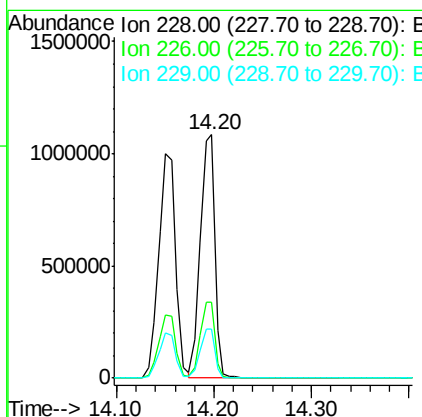
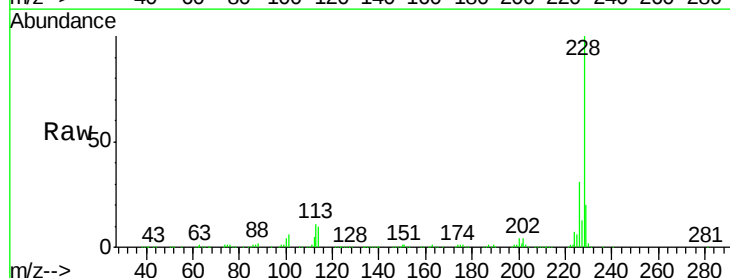
Instrument :
 BNA_F
 ClientSampled :

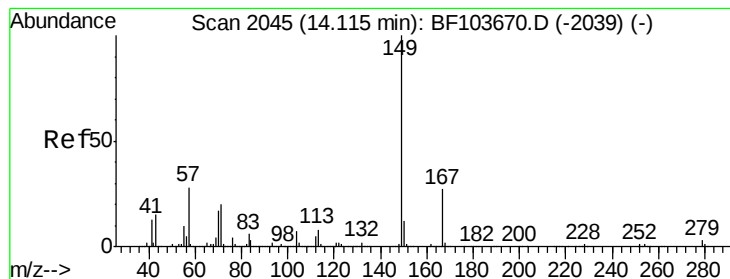
Tot Ion:252 Resp: 158534
 Ion Ratio Lower Upper
 252 100
 254 66.1 50.4 75.6
 126 13.6 11.3 16.9



#82
 Chrysene
 Concen: 37.878 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. 0.02 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:228 Resp: 1124110
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.684 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

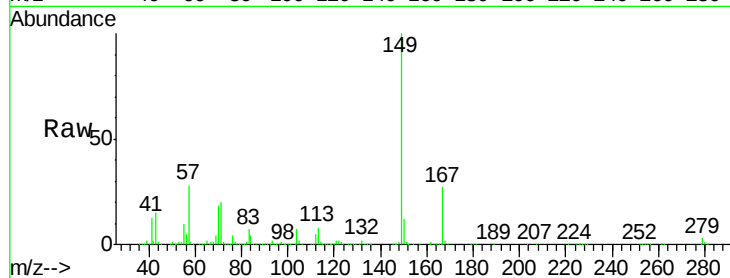
Tot Ion:149 Resp: 907227

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

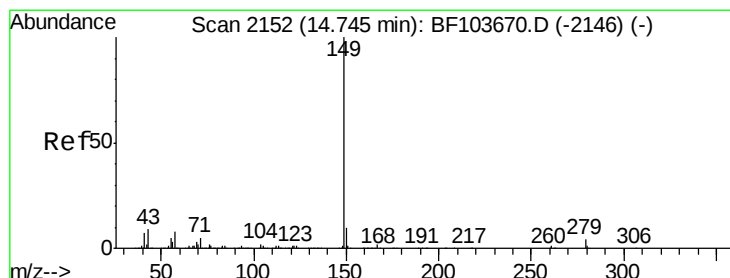
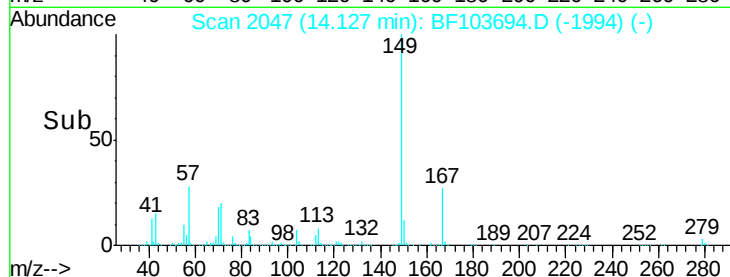
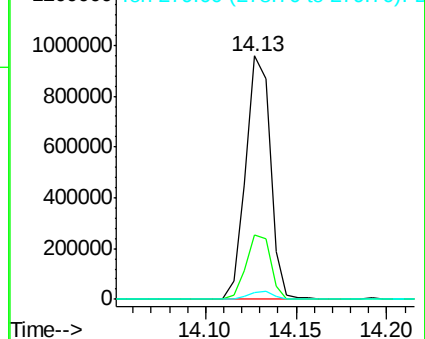
279 2.9 3.0 4.4#



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: 44.850 ng

RT: 14.78 min Scan# 2158

Delta R.T. 0.04 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

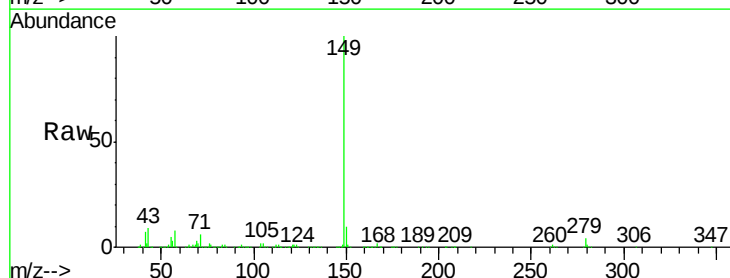
Tgt Ion:149 Resp: 1491674

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

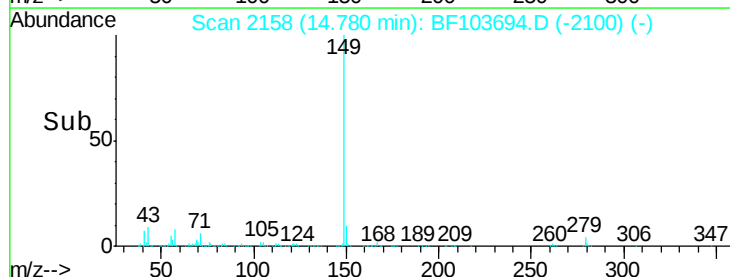
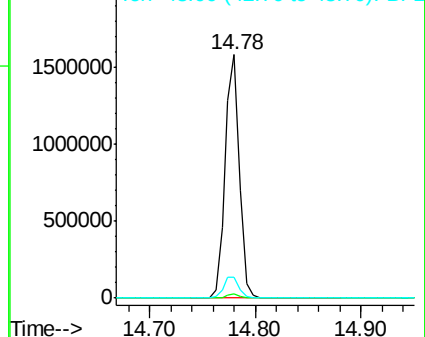
43 9.3 8.4 12.6

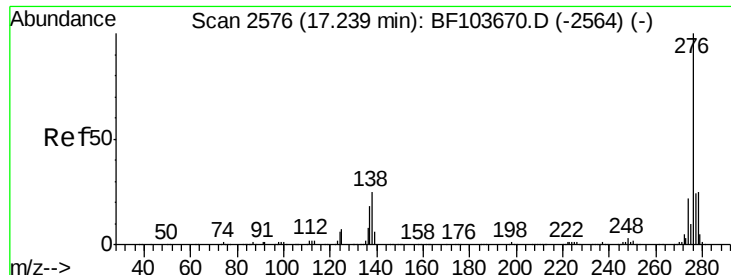


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

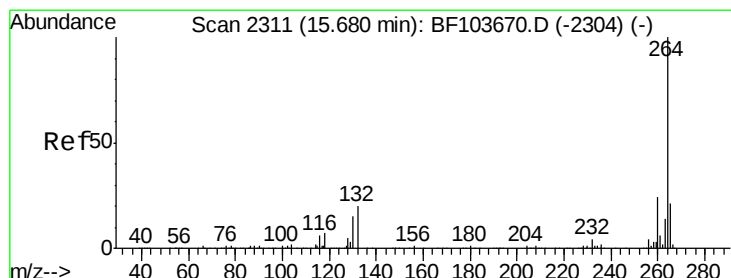
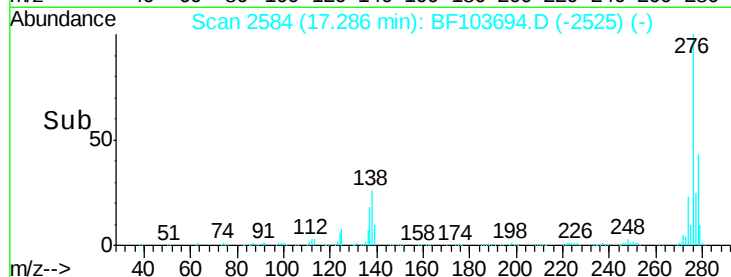
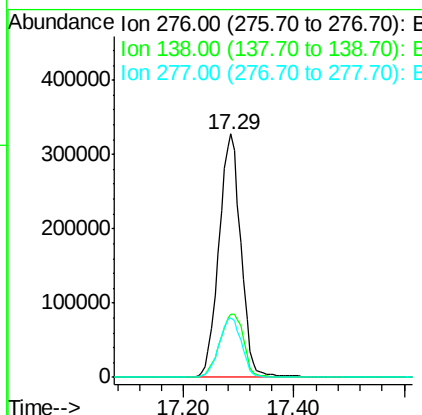
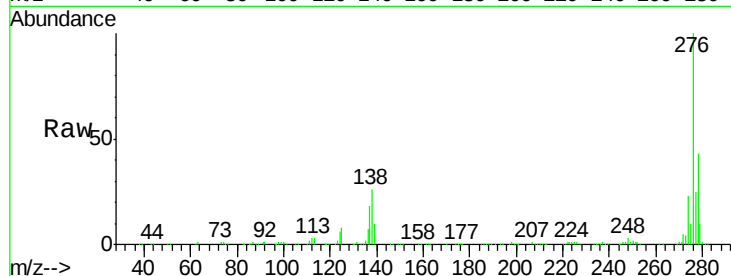




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.311 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.05 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

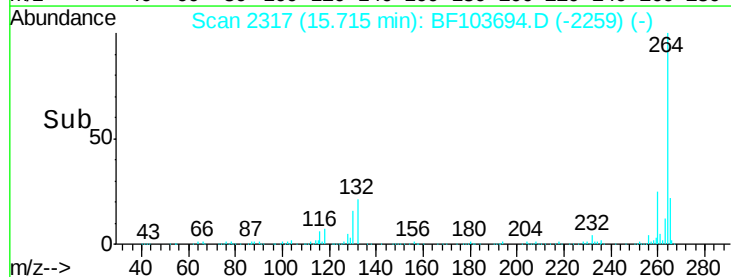
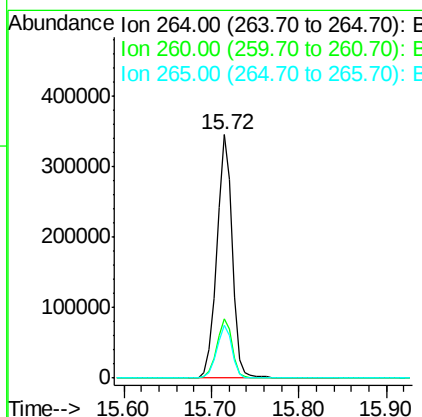
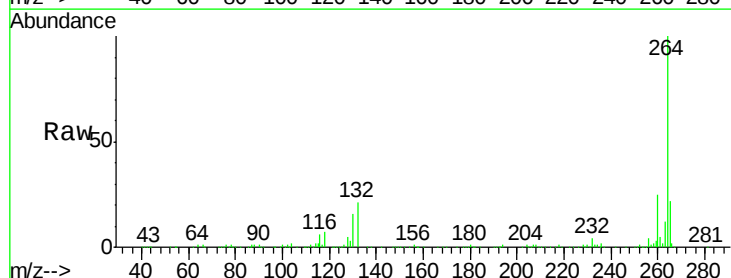
Instrument :
 BNA_F
 ClientSampleId :

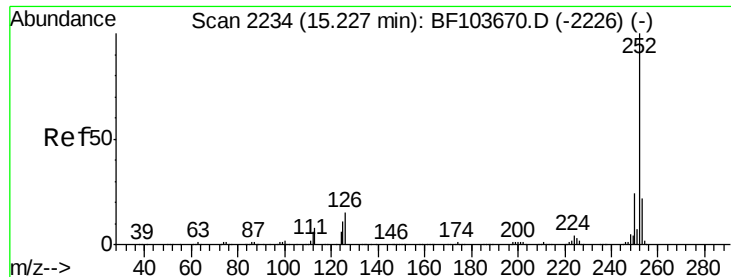
Tot Ion:276 Resp: 915152
 Ion Ratio Lower Upper
 276 100
 138 28.4 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2317
 Delta R.T. 0.04 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion:264 Resp: 423111
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 42.095 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.04 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

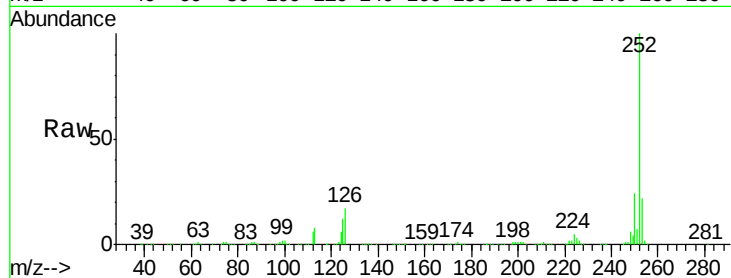
Tot Ion:252 Resp: 1125246

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

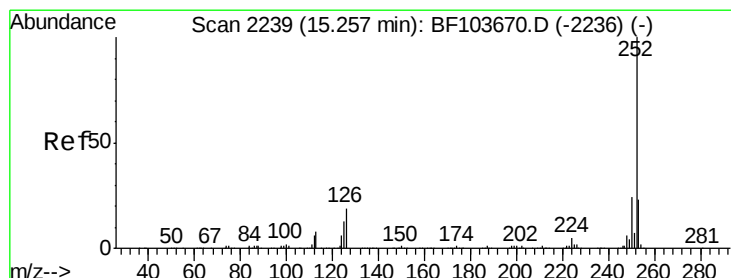
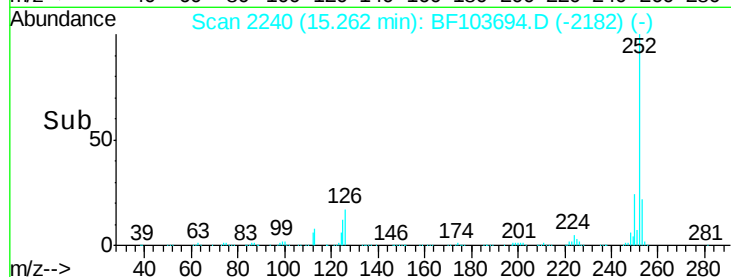
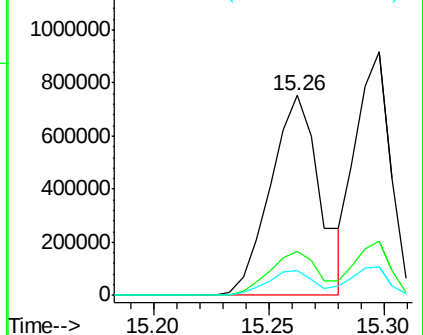
125 12.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.724 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.04 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

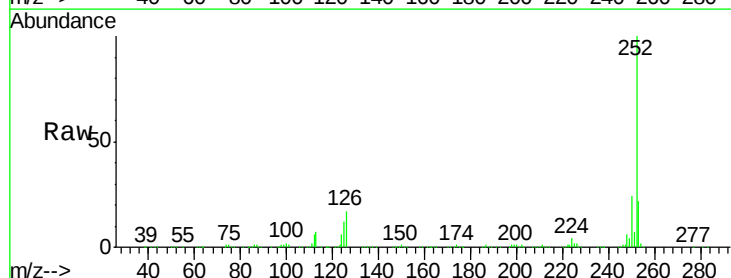
Tgt Ion:252 Resp: 969347

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

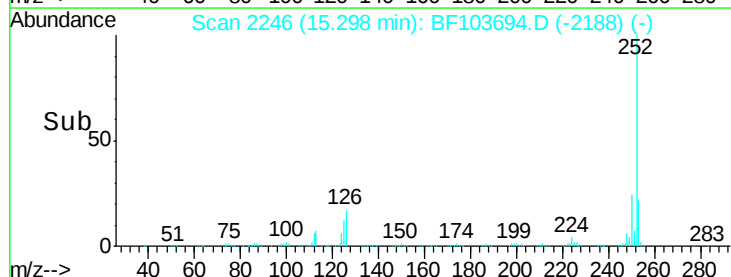
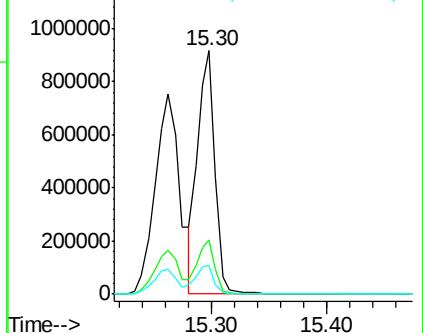
125 11.5 10.2 15.2

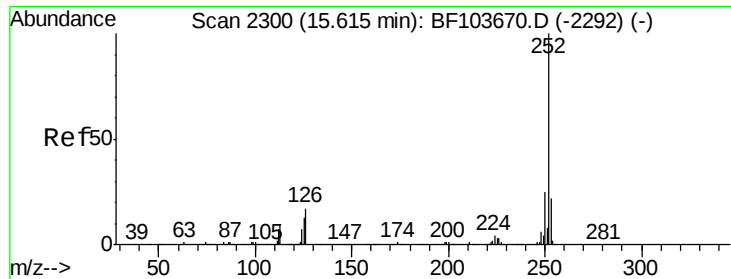


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.745 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.04 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

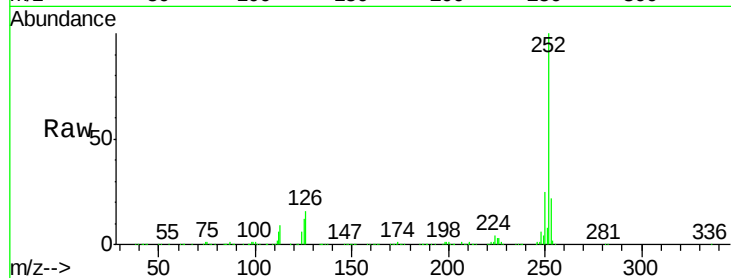
Tot Ion:252 Resp: 987876

Ion Ratio Lower Upper

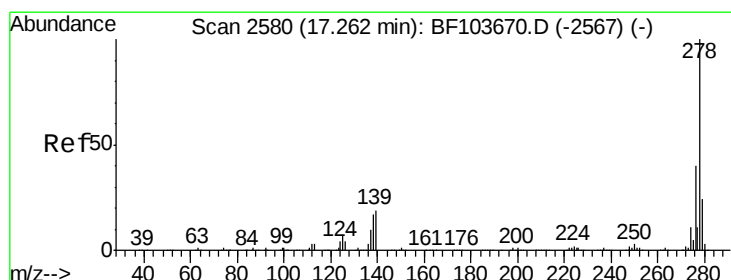
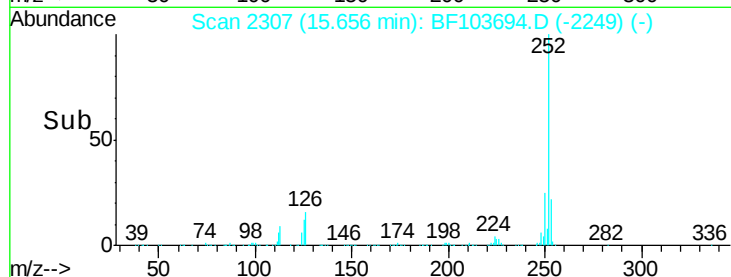
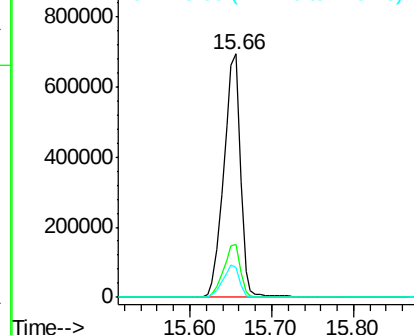
252 100

253 21.6 17.1 25.7

125 12.3 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: 36.439 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.05 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

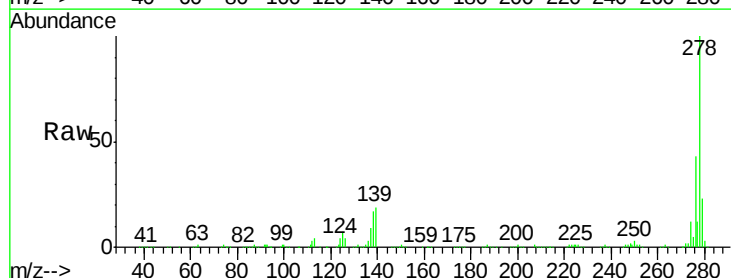
Tgt Ion:278 Resp: 765005

Ion Ratio Lower Upper

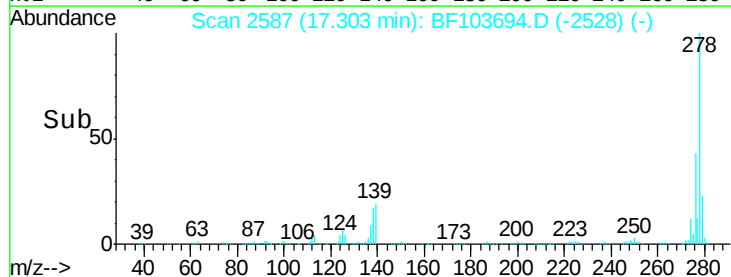
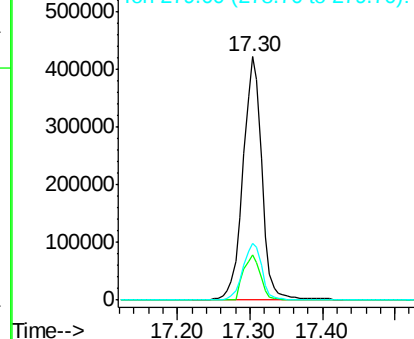
278 100

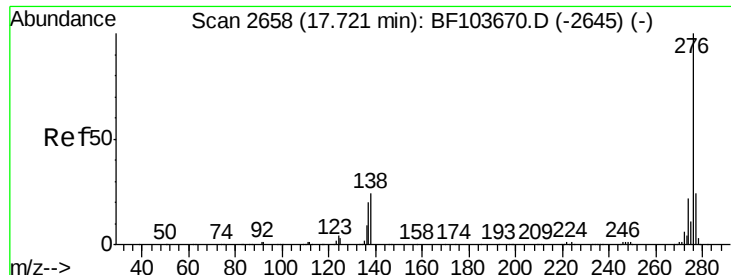
139 18.5 15.9 23.9

279 23.4 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: 36.641 ng

RT: 17.76 min Scan# 2665

Delta R.T. 0.05 min

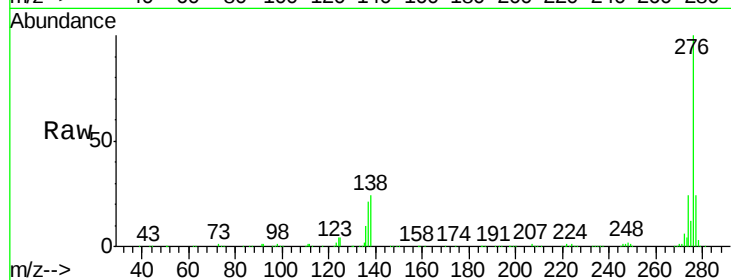
Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 748350

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 24.4 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

