

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103705.D
 Acq On : 16 Mar 2018 19:19
 Operator : JU/SJ
 Sample : J1757-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 23:00:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172282	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	695708	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	304140	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	470575	20.00	ng	0.00
75) Chrysene-d12	14.15	240	319902	20.00	ng	0.00
86) Perylene-d12	15.68	264	284398	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	926677	81.81	ng	0.00
7) Phenol-d6	6.59	99	1147386	82.80	ng	0.00
23) Nitrobenzene-d5	7.53	82	685236	68.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	222782	85.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	963364	50.53	ng	0.00
78) Terphenyl-d14	13.09	244	687864	49.91	ng	0.00

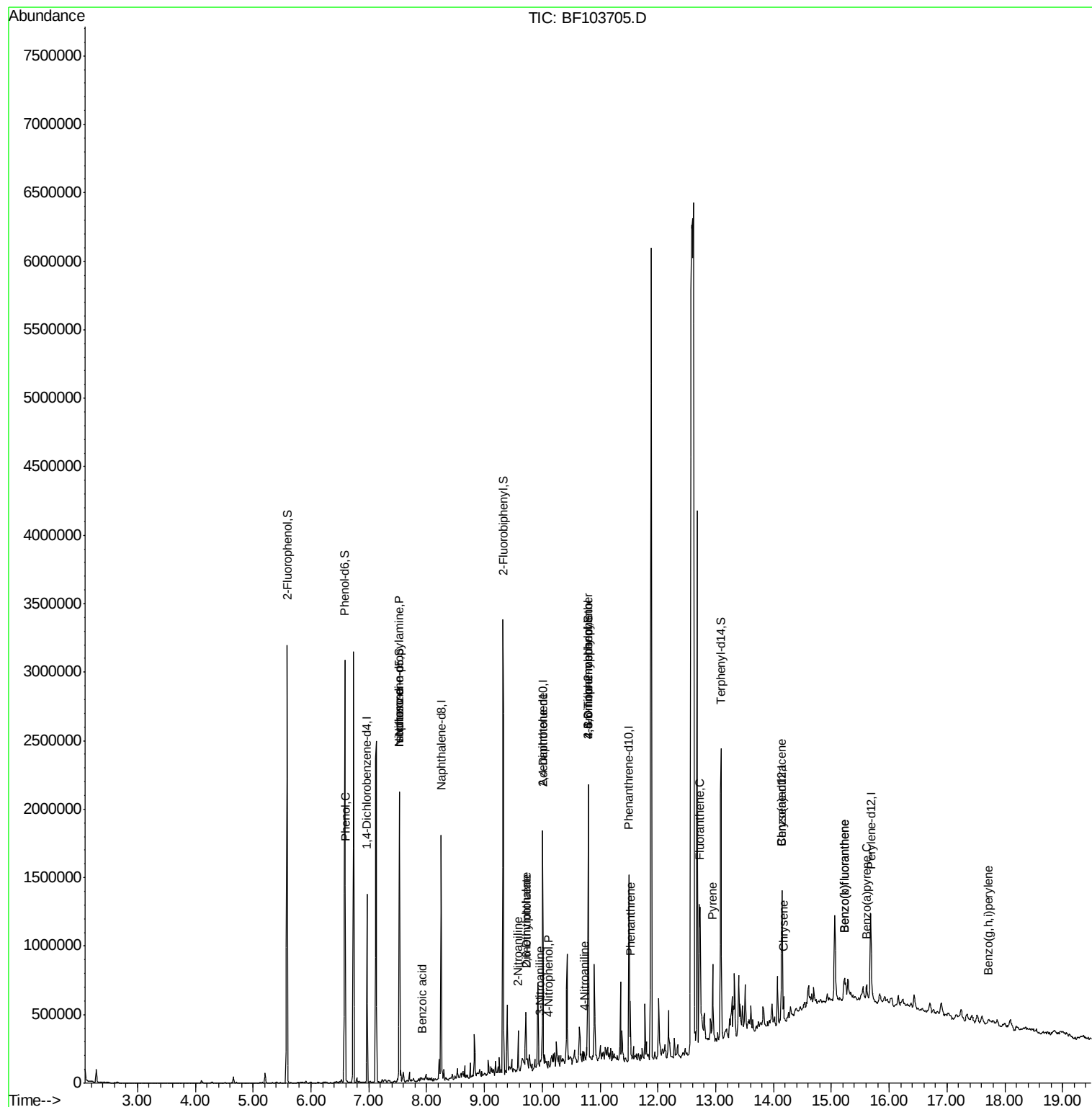
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	74866	5.084	ng	95
19) n-Nitroso-di-n-propylamine	7.53	70	95718	10.778	ng	# 75
25) Isophorone	7.53	82	685103	29.665	ng	# 64
32) Benzoic acid	7.91	122	130	9.920	ng	# 74
47) 2-Nitroaniline	9.58	65	1194	7.009	ng	# 26
49) Dimethylphthalate	9.71	163	90508	3.900	ng	100
50) 2,6-Dinitrotoluene	9.71	165	1960	4.384	ng	# 30
52) 3-Nitroaniline	9.96	138	443	3.890	ng	# 1
55) 4-Nitrophenol	10.10	139	974	5.185	ng	# 17
56) 2,4-Dinitrotoluene	10.01	165	42727	12.754	ng	# 24
61) 4-Nitroaniline	10.74	138	1085	3.943	ng	82
64) 4,6-Dinitro-2-methylphenol	10.80	198	502	8.436	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13951	2.887	ng	# 1
70) Phenanthrene	11.52	178	125425	4.872	ng	98
74) Fluoranthene	12.72	202	169670	6.398	ng	99
77) Pyrene	12.95	202	155826	6.633	ng	98
80) Benzo(a)anthracene	14.14	228	75919	3.749	ng	95
82) Chrysene	14.17	228	72944	3.779	ng	97
87) Benzo(b)fluoranthene	15.22	252	114043	6.347	ng	# 85
88) Benzo(k)fluoranthene	15.22	252	114043	6.603	ng	# 88
89) Benzo(a)pyrene	15.61	252	57977	3.558	ng	# 84
91) Benzo(g,h,i)perylene	17.72	276	29519	2.150	ng	# 92

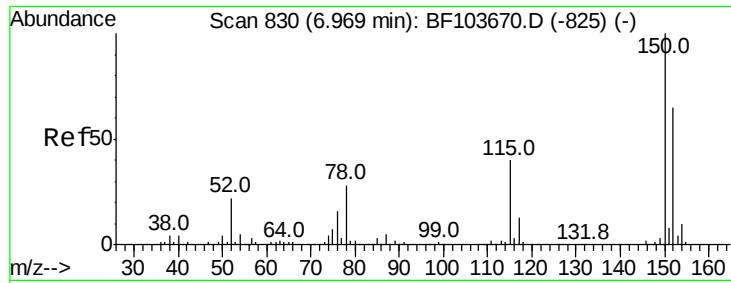
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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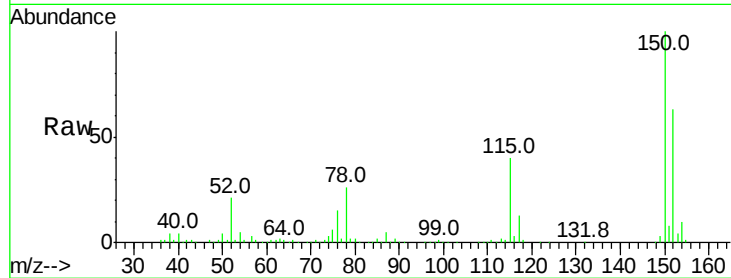


#1

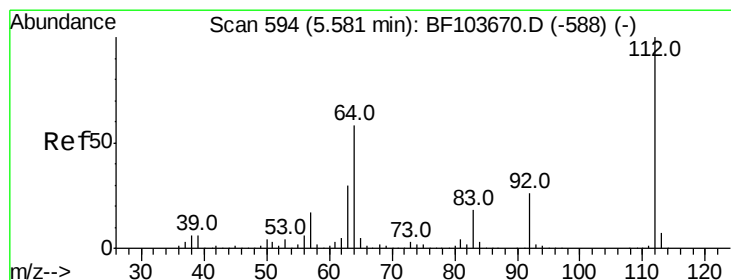
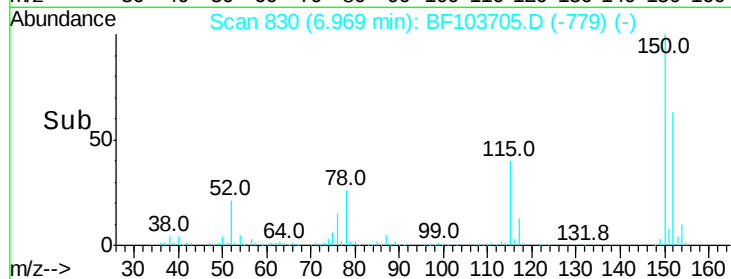
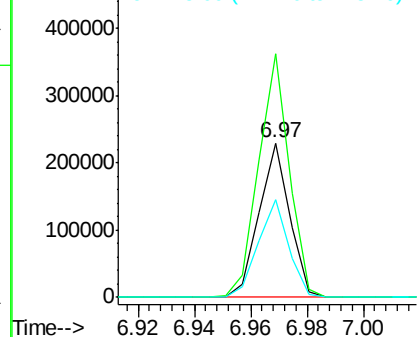
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172282
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 63.3 50.1 75.1



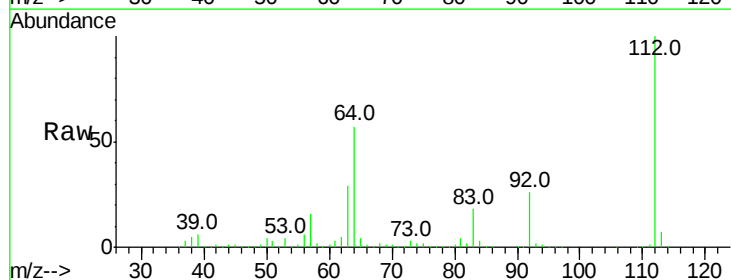
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



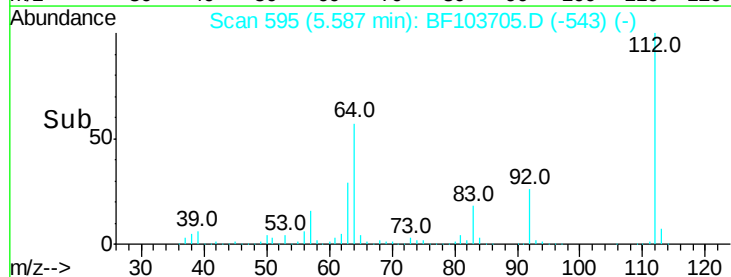
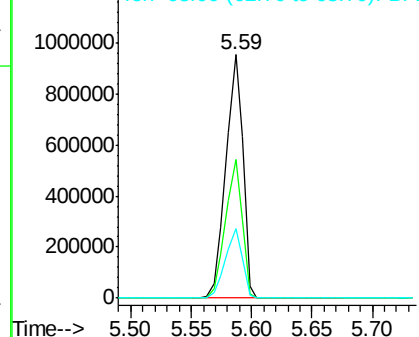
#5

2-Fluorophenol
Concen: 81.812 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion:112 Resp: 926677
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.7 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





#7

Phenol-d6

Concen: 82.798 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

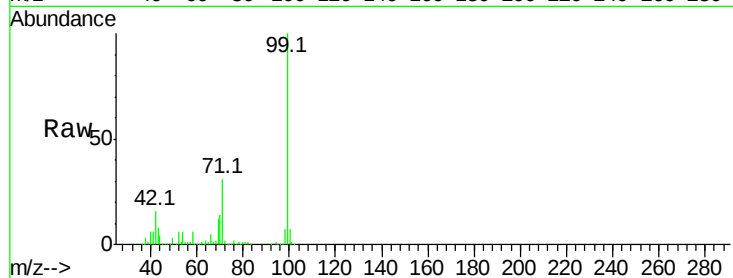
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1147386

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	31.3	25.4	38.0

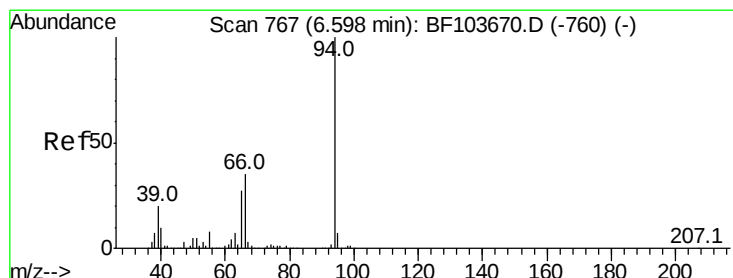
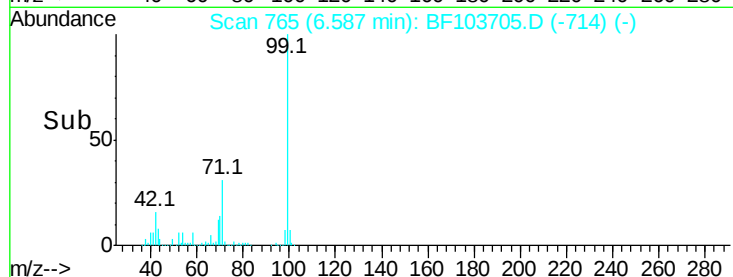
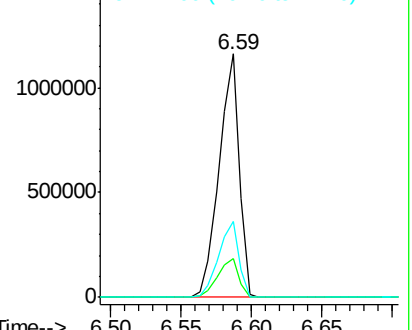


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.084 ng

RT: 6.60 min Scan# 767

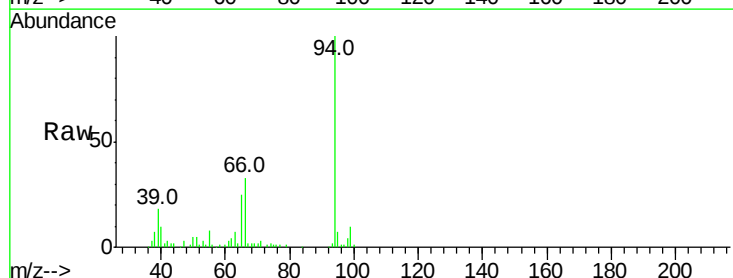
Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Tgt Ion: 94 Resp: 74866

Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	33.0	16.2	56.2

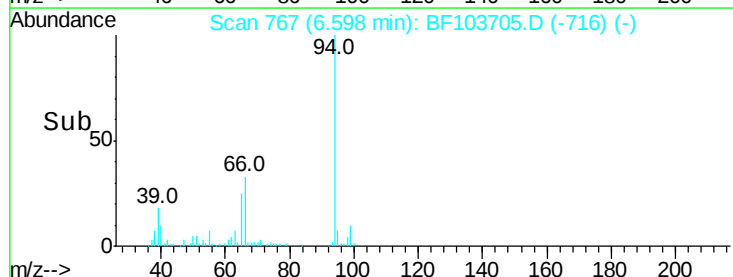
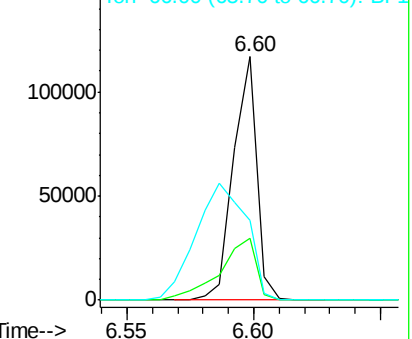


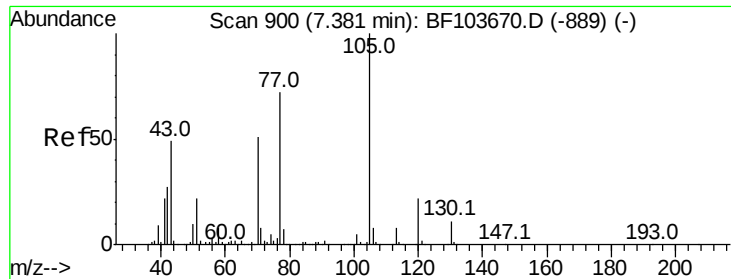
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.778 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 95718

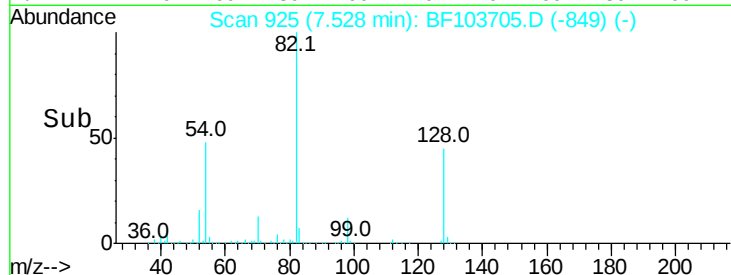
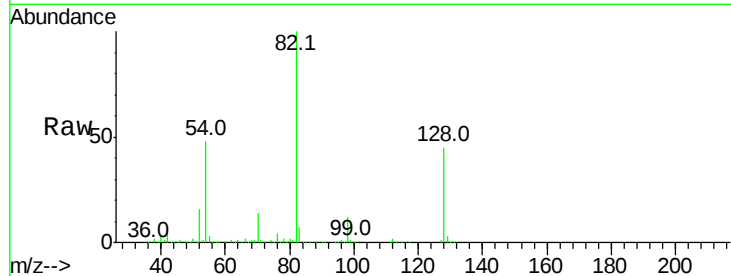
Ion Ratio Lower Upper

70 100

42 44.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

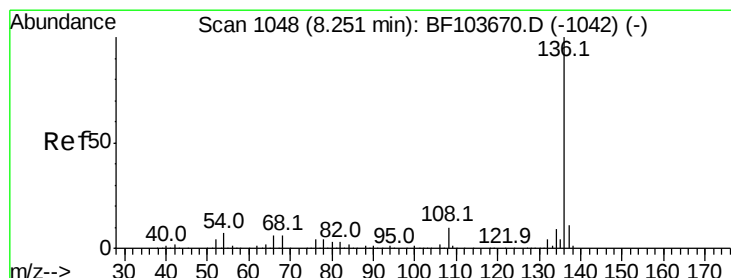
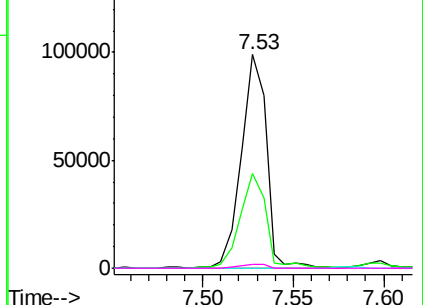


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Tgt Ion:136 Resp: 695708

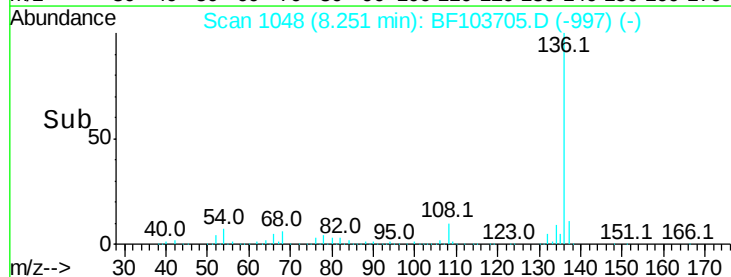
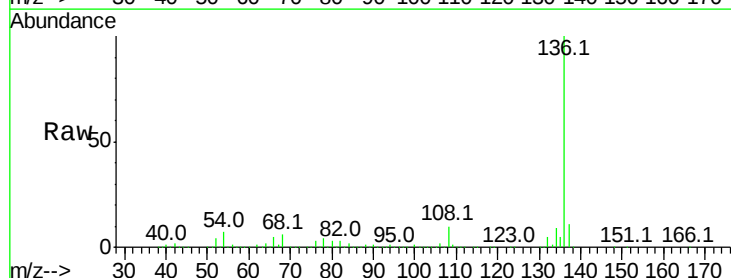
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4

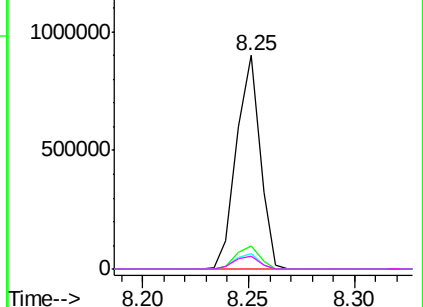


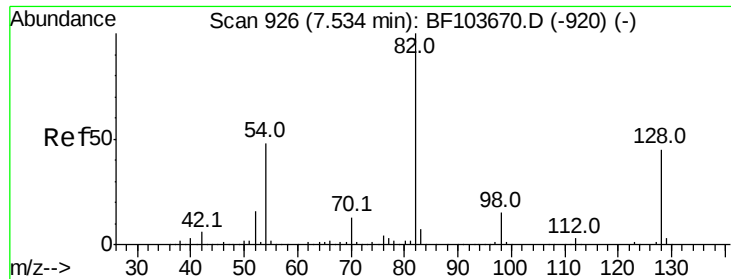
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

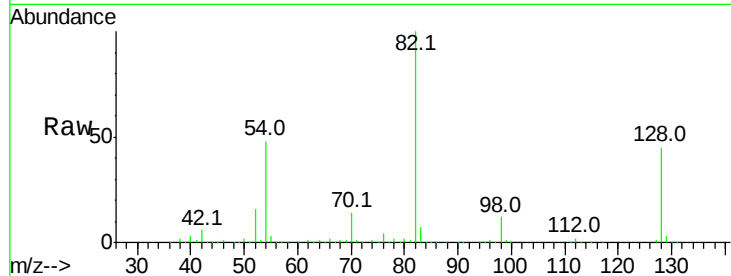




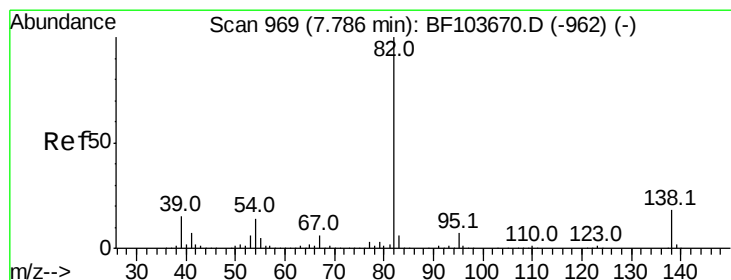
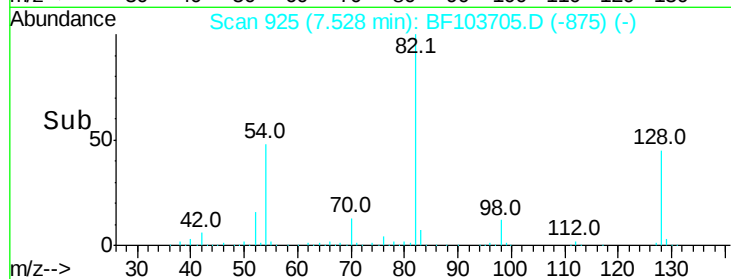
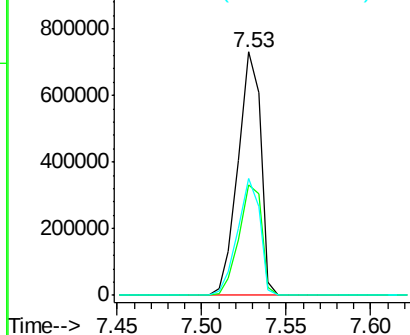
#23
 Nitrobenzene-d5
 Concen: 68.686 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103705.D
 Acq: 16 Mar 2018 19:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	685236
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.1	54.1
54	47.8	41.4	62.2

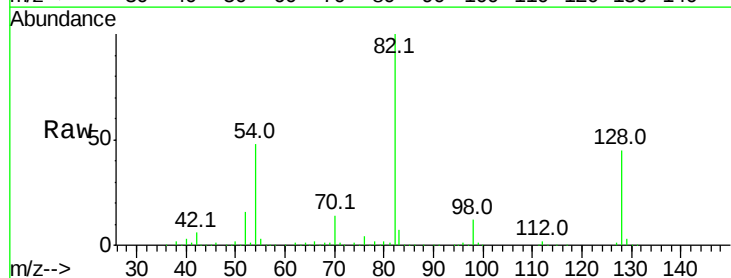


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

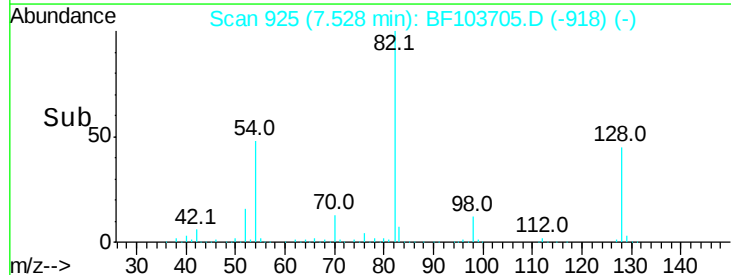
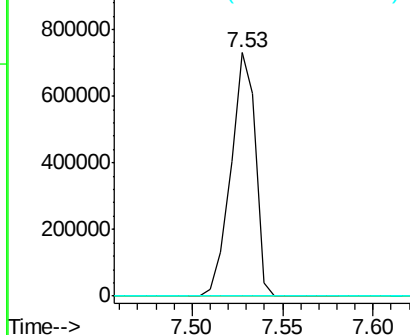


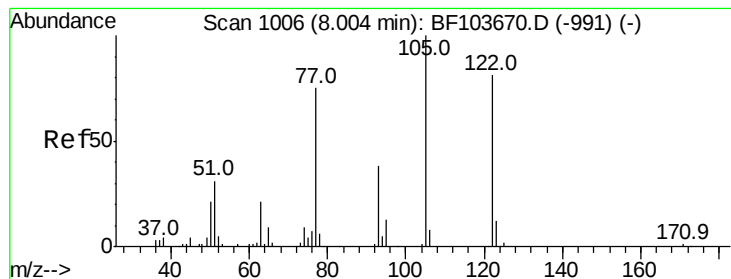
#25
 Isophorone
 Concen: 29.665 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF103705.D
 Acq: 16 Mar 2018 19:19

Tgt Ion	82	Resp	685103
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	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





#32

Benzoic acid

Concen: 9.920 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.09 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampleId :

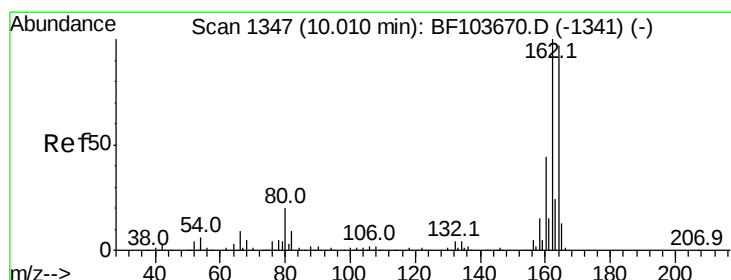
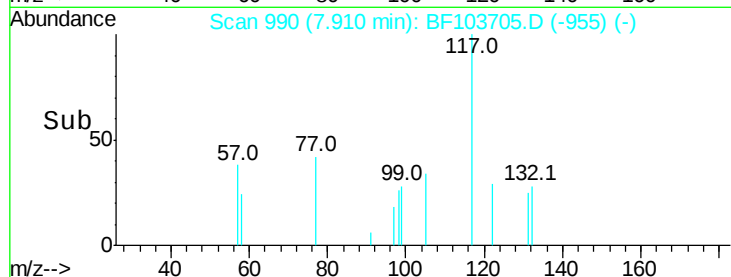
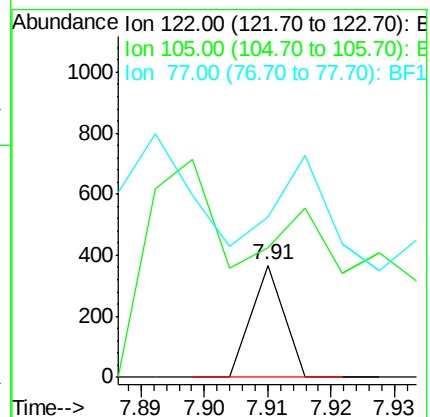
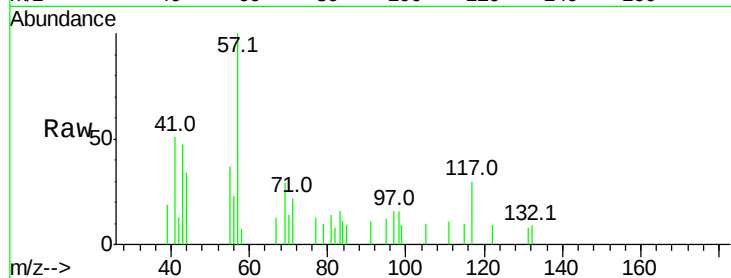
Tot Ion:122 Resp: 130

Ion Ratio Lower Upper

122 100

105 116.0 101.1 141.1

77 142.7 70.7 110.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

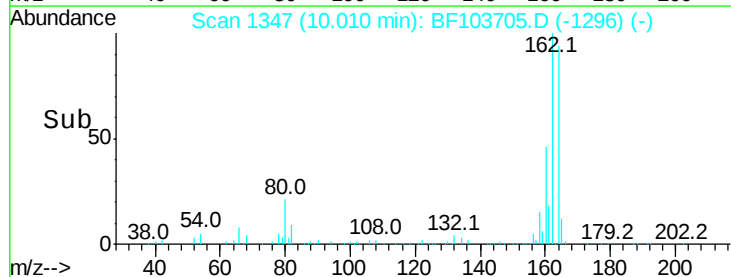
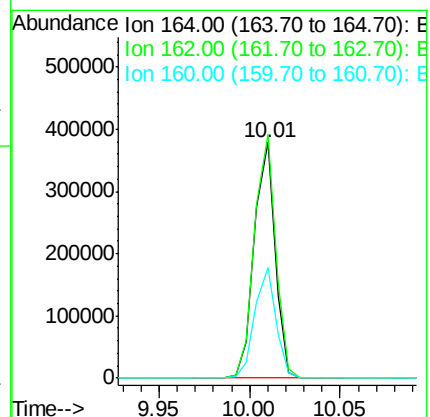
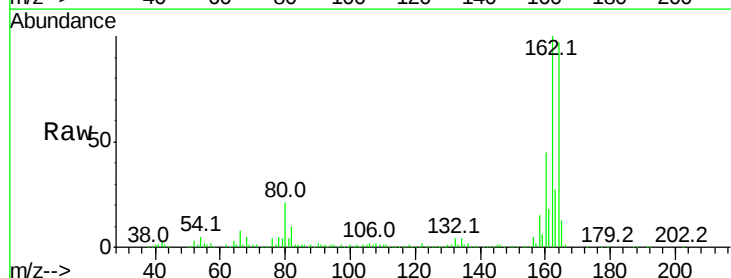
Tgt Ion:164 Resp: 304140

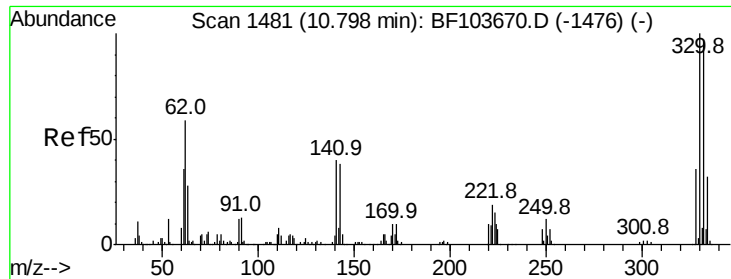
Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

160 46.9 38.3 57.5

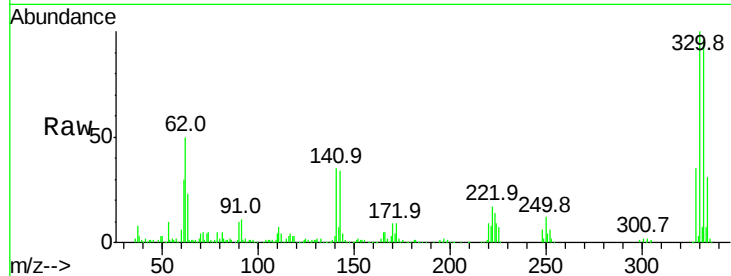




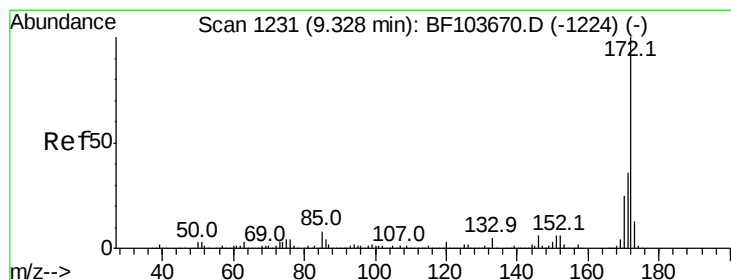
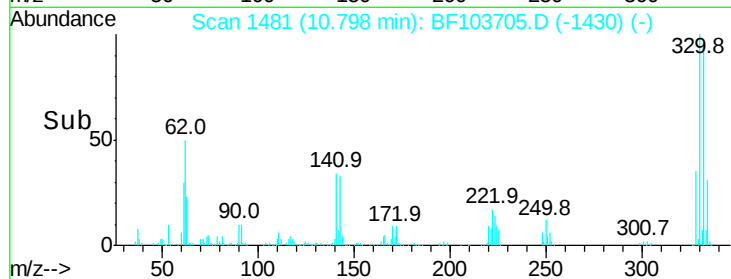
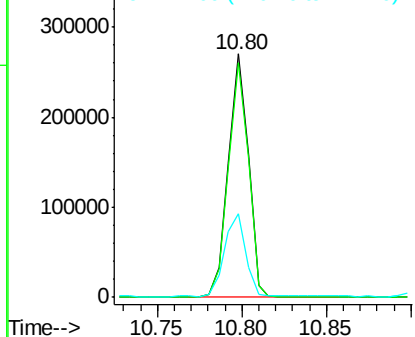
#41
 2,4,6-Tribromophenol
 Concen: 85.193 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103705.D
 Acq: 16 Mar 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 222782
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 36.1 29.9 44.9

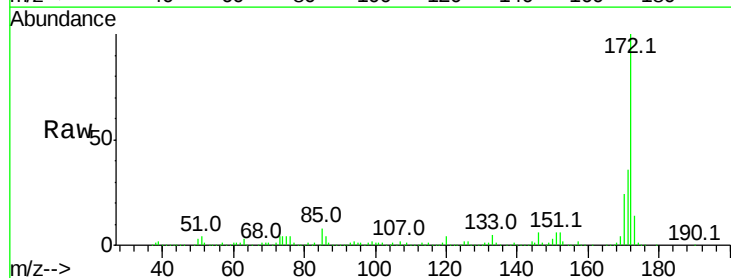


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

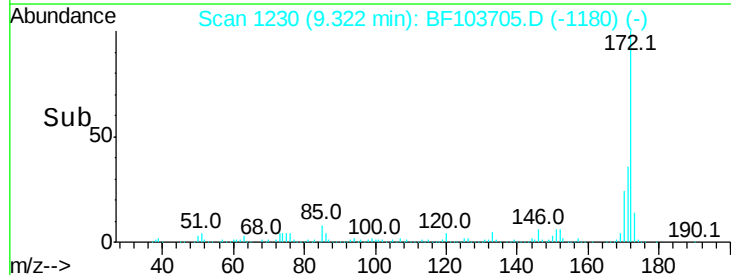
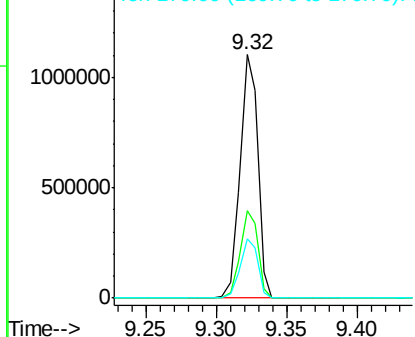


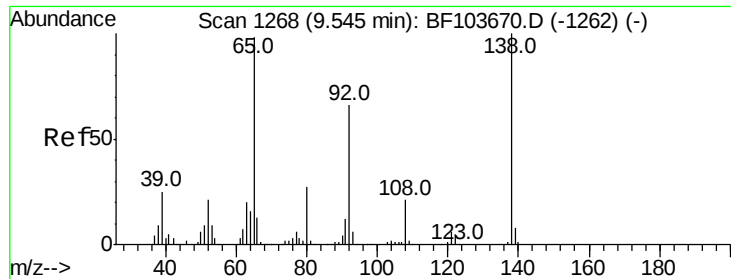
#44
 2-Fluorobiphenyl
 Concen: 50.526 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103705.D
 Acq: 16 Mar 2018 19:19

Tgt Ion:172 Resp: 963364
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 19.6 29.4



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





#47

2-Nitroaniline

Concen: 7.009 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.04 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampled :

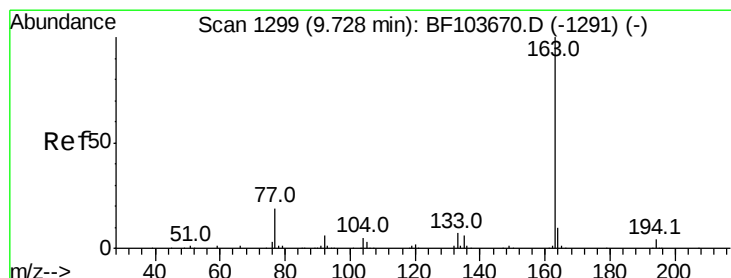
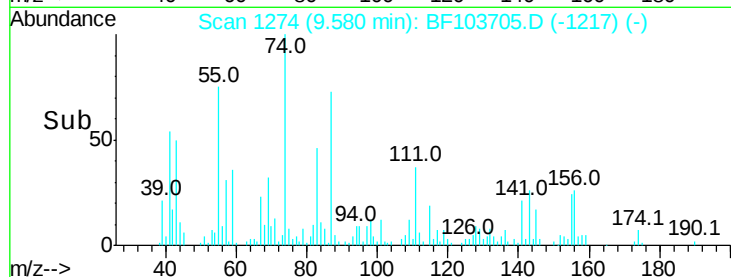
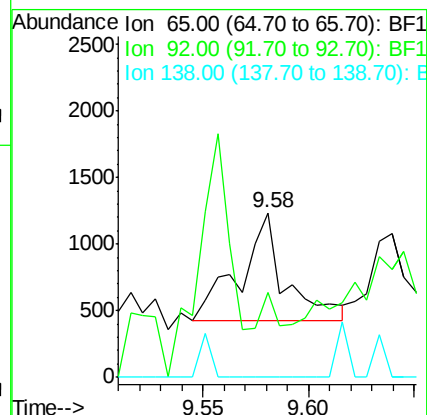
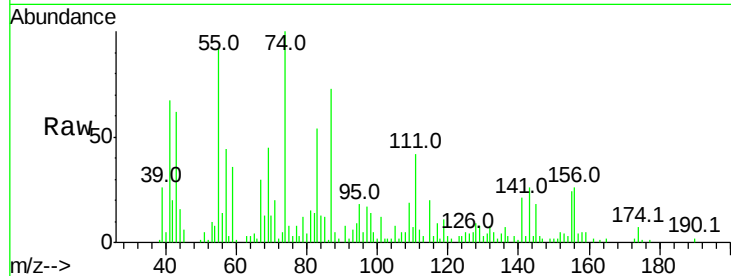
Tot Ion: 65 Resp: 1194

Ion Ratio Lower Upper

65 100

92 52.0 55.8 83.6#

138 0.0 91.2 136.8#



#49

Dimethylphthalate

Concen: 3.900 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

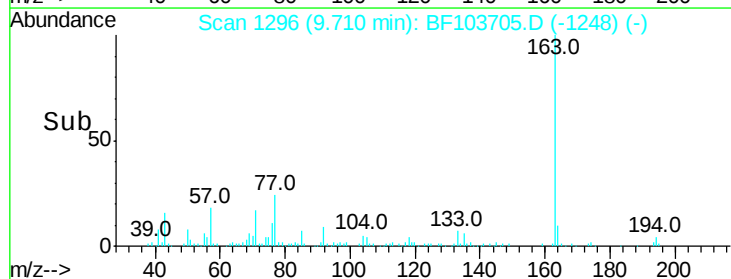
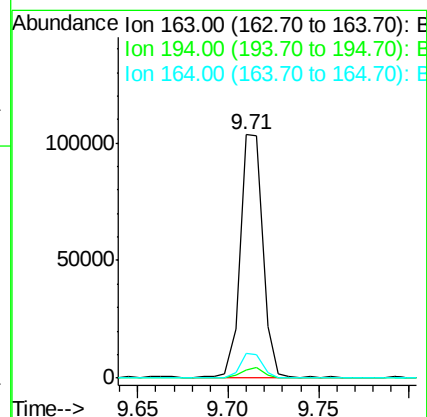
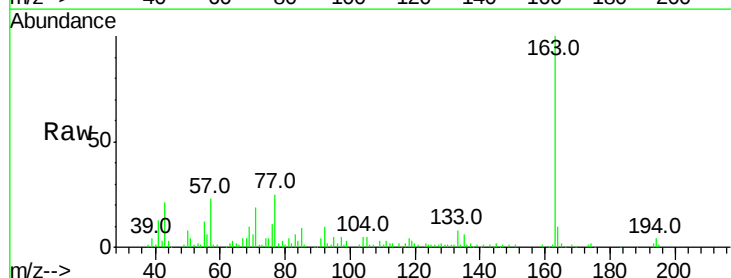
Tgt Ion:163 Resp: 90508

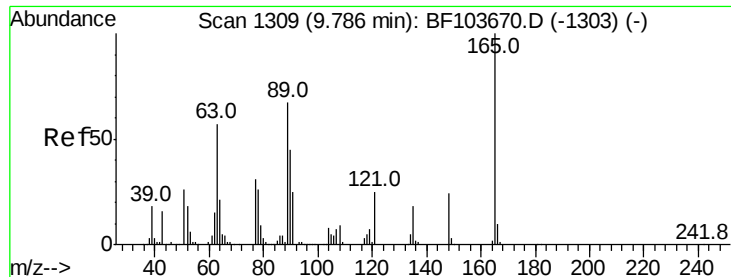
Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.2 8.2 12.2

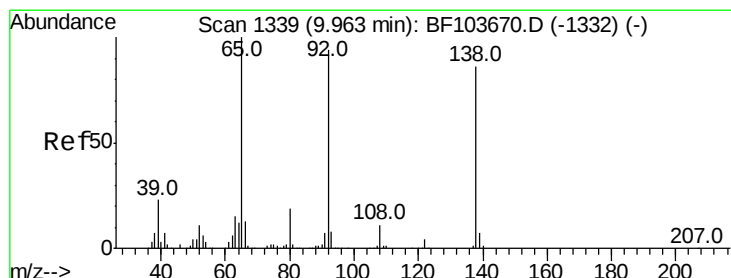
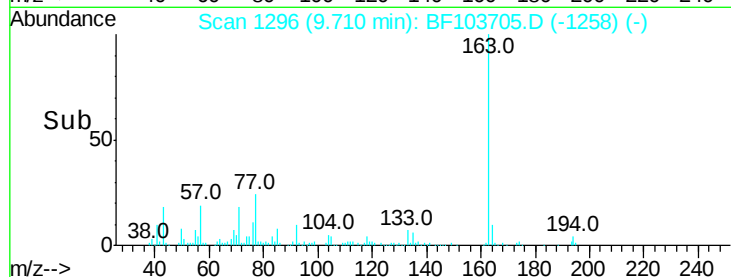
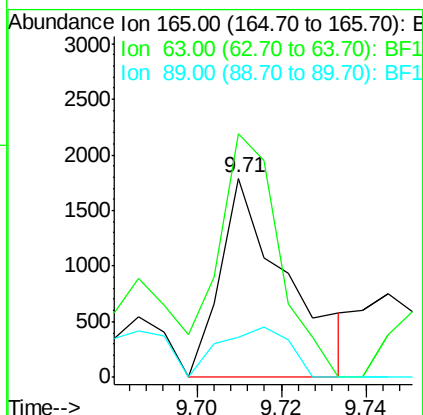
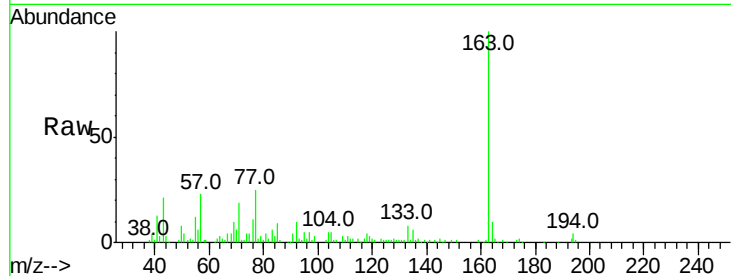




#50
 2,6-Dinitrotoluene
 Concen: 4.384 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.08 min
 Lab File: BF103705.D
 Acq: 16 Mar 2018 19:19

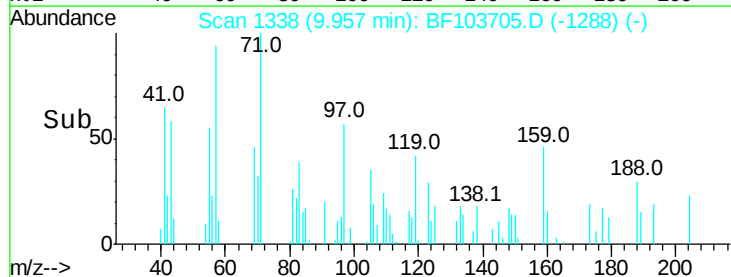
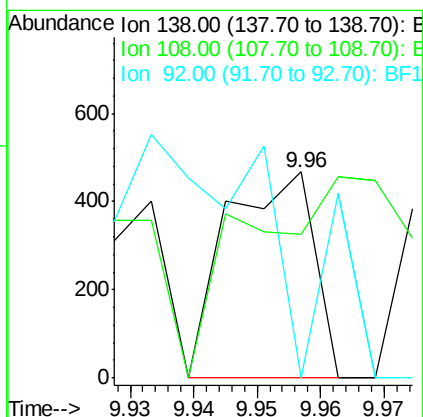
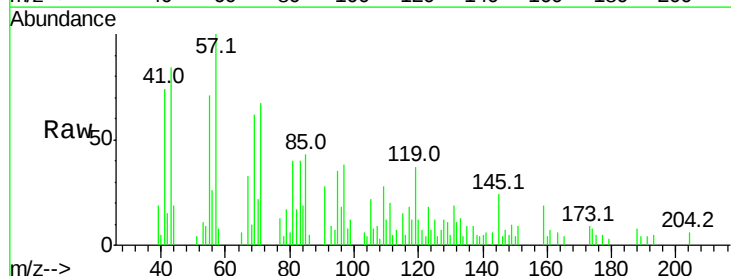
Instrument :
 BNA_F
 ClientSampled :

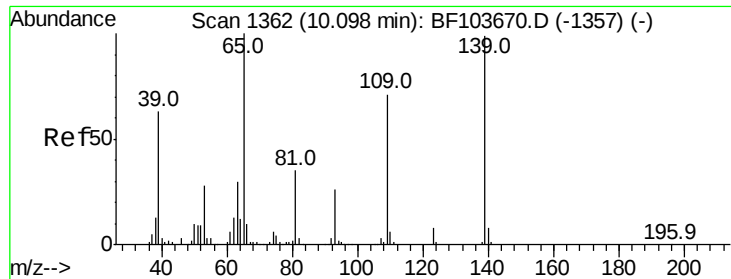
Tot Ion:165 Resp: 1960
 Ion Ratio Lower Upper
 165 100
 63 122.4 44.7 67.1#
 89 20.4 44.0 66.0#



#52
 3-Nitroaniline
 Concen: 3.890 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF103705.D
 Acq: 16 Mar 2018 19:19

Tgt Ion:138 Resp: 443
 Ion Ratio Lower Upper
 138 100
 108 69.4 9.4 14.0#
 92 0.0 89.4 134.2#

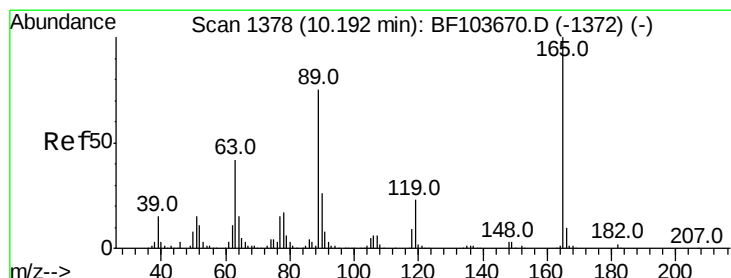
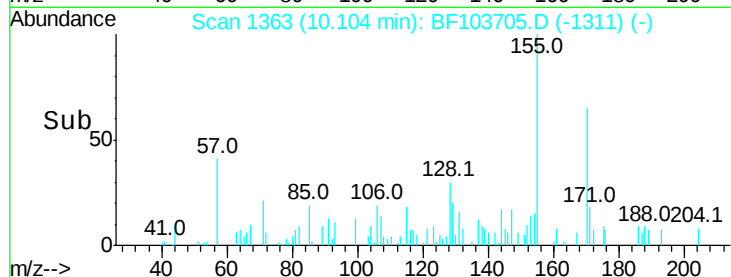
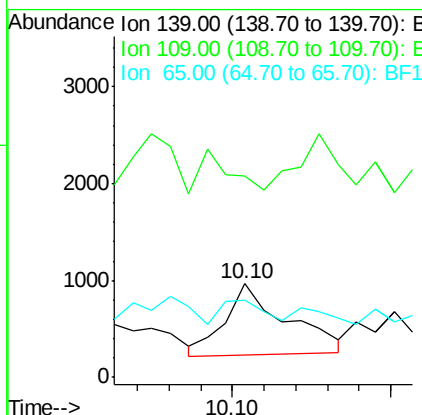
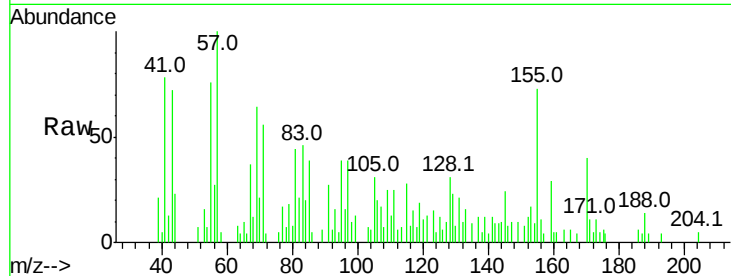




#55
4-Nitrophenol
Concen: 5.185 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

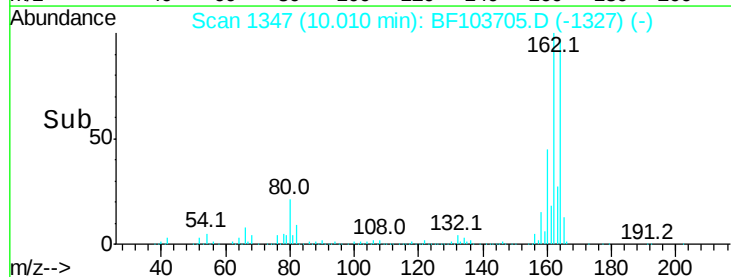
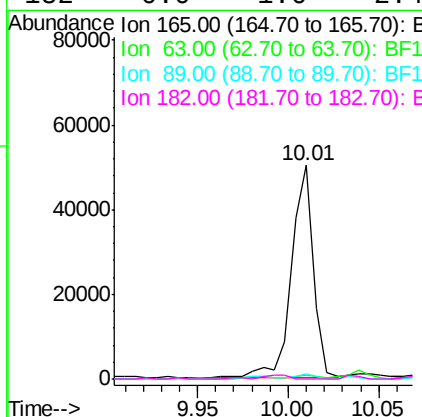
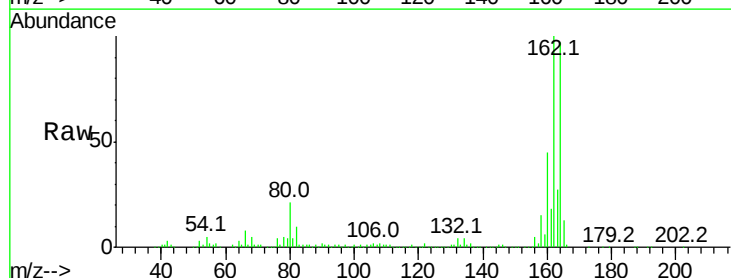
Instrument :
BNA_F
ClientSampleId :

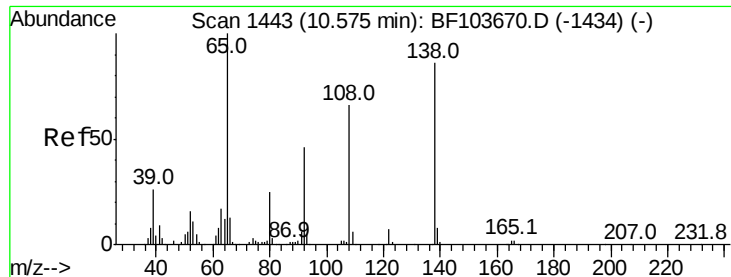
Tot Ion:139 Resp: 974
Ion Ratio Lower Upper
139 100
109 214.6 48.4 88.4#
65 82.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 12.754 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion:165 Resp: 42727
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 2.4 57.8 86.6#
182 0.0 1.6 2.4#

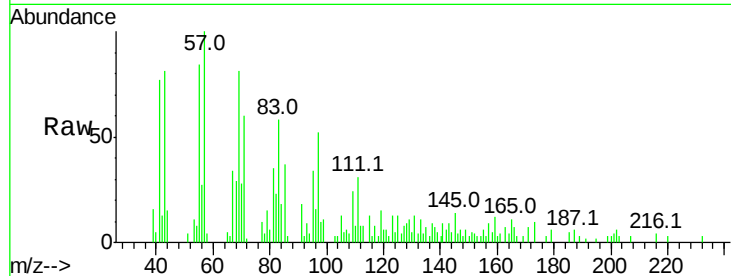




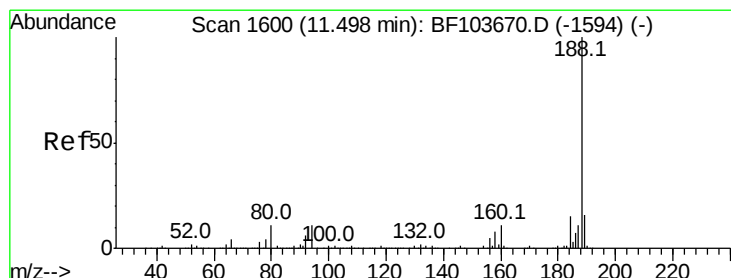
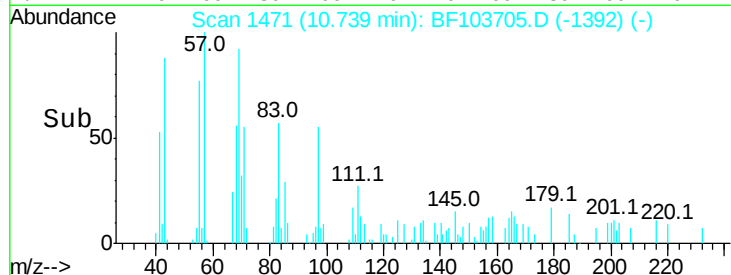
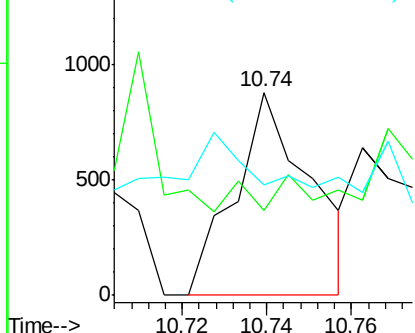
#61
4-Nitroaniline
Concen: 3.943 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.17 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 1085
Ion Ratio Lower Upper
138 100
92 41.8 30.2 70.2
108 54.1 52.5 92.5

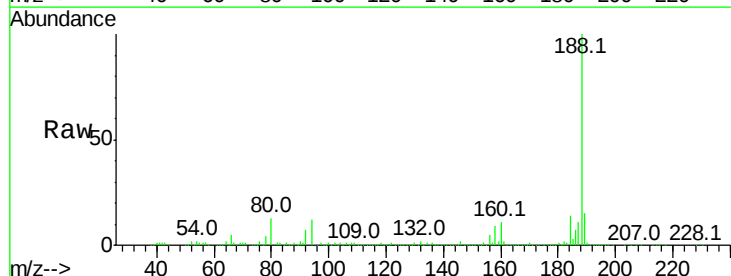


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

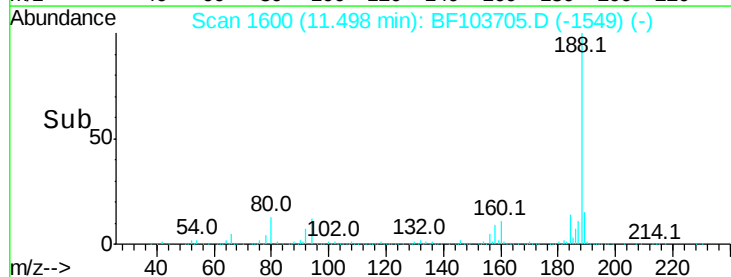
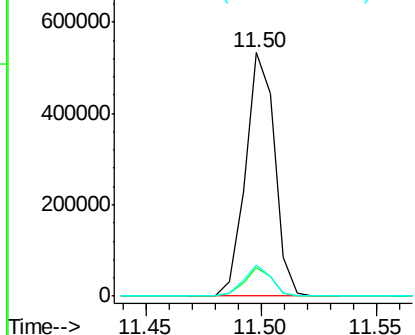


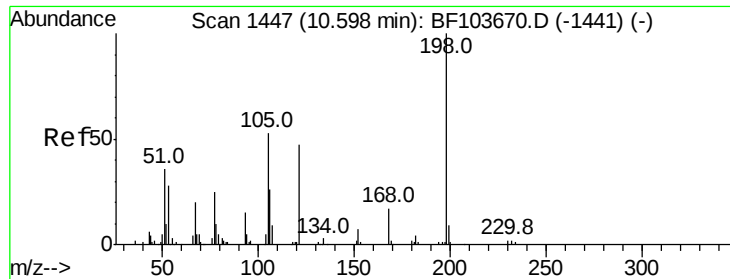
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion:188 Resp: 470575
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.8 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: 8.436 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.20 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampleId :

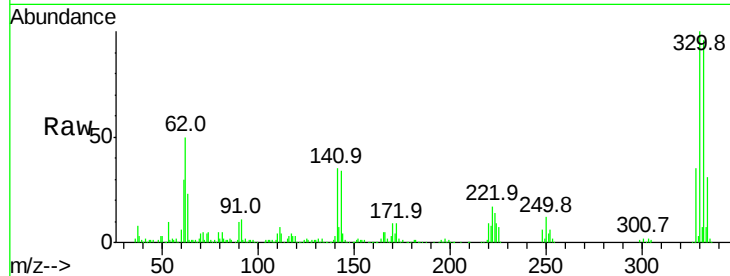
Tot Ion:198 Resp: 502

Ion Ratio Lower Upper

198 100

51 235.1 37.7 77.7#

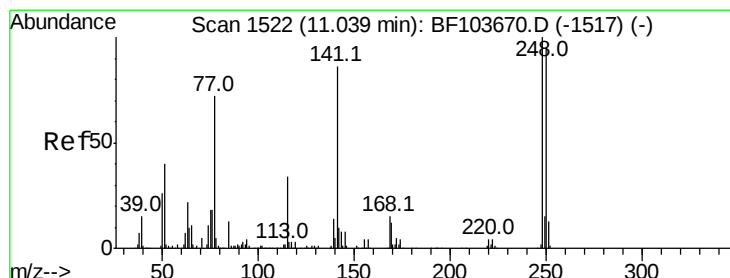
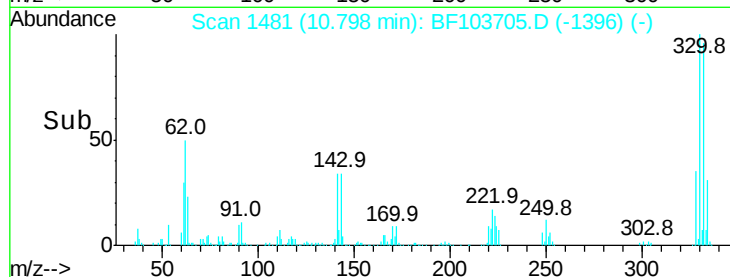
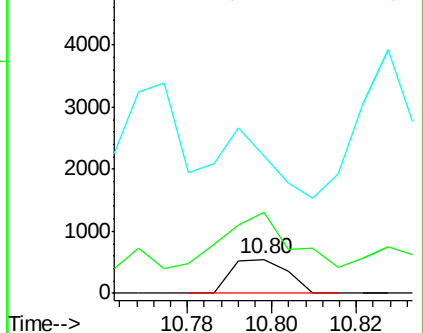
105 400.5 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 2.887 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.24 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

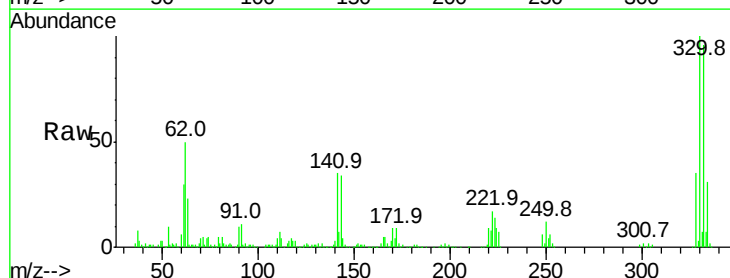
Tgt Ion:248 Resp: 13951

Ion Ratio Lower Upper

248 100

250 197.8 76.9 115.3#

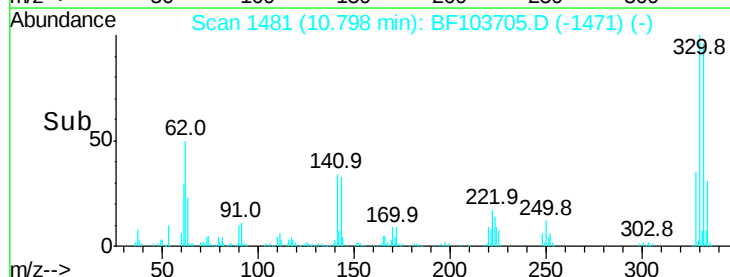
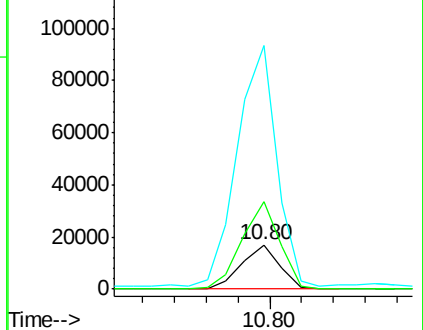
141 551.2 74.4 111.6#

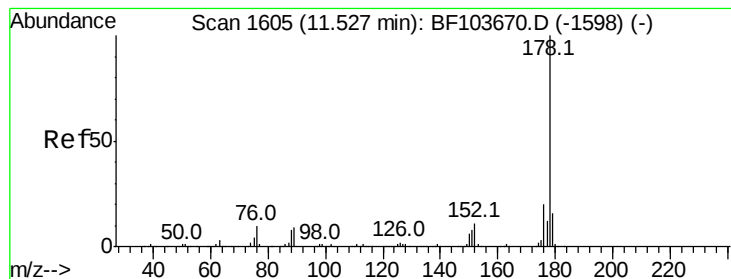


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 4.872 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

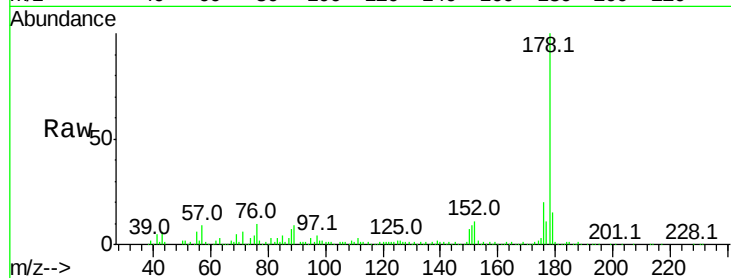
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 125425

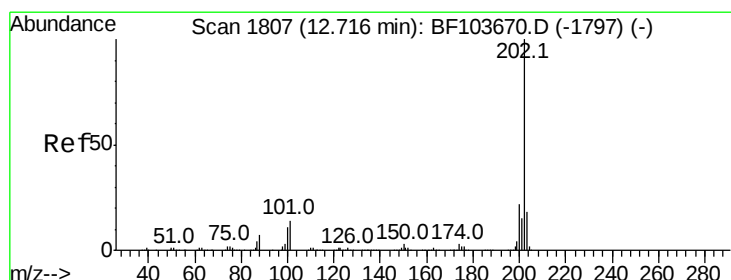
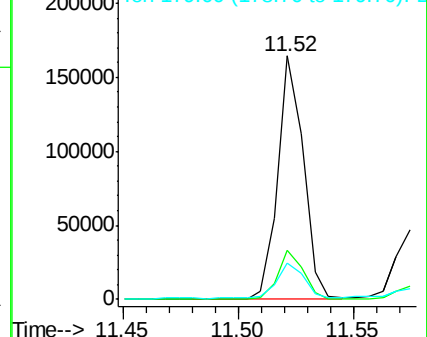
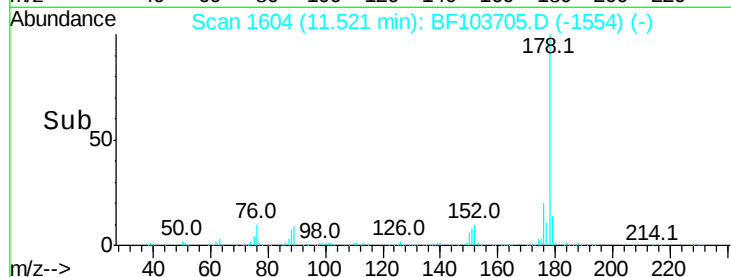
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.9	13.0	19.6



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



#74

Fluoranthene

Concen: 6.398 ng

RT: 12.72 min Scan# 1807

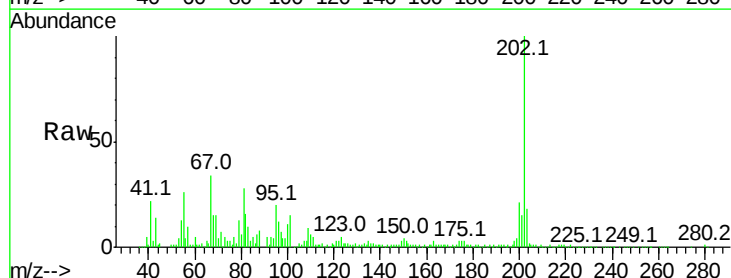
Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Tgt Ion:202 Resp: 169670

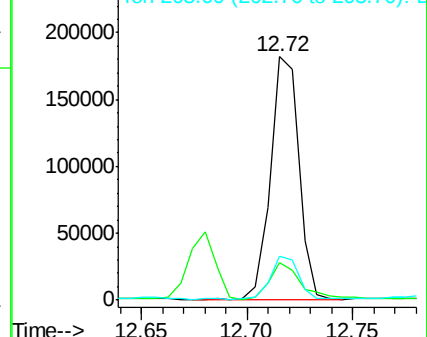
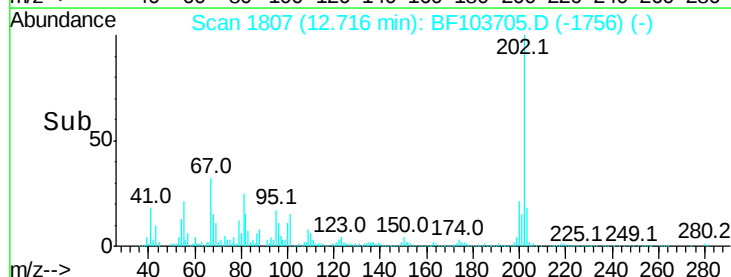
Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.1
203	18.1	0.0	38.1

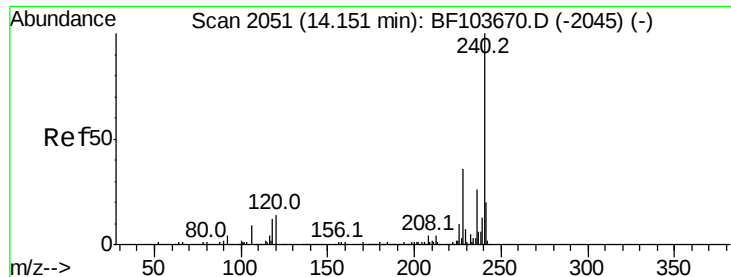


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampleId :

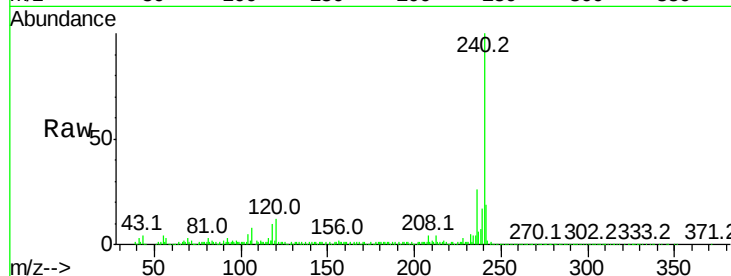
Tot Ion:240 Resp: 319902

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

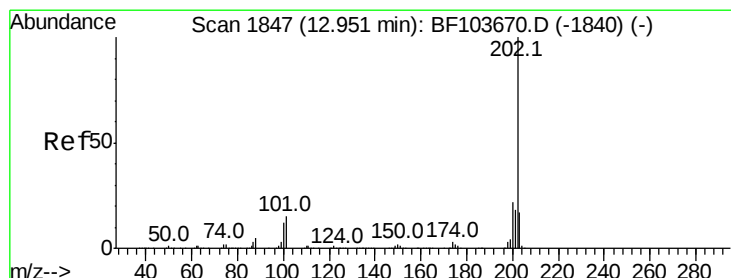
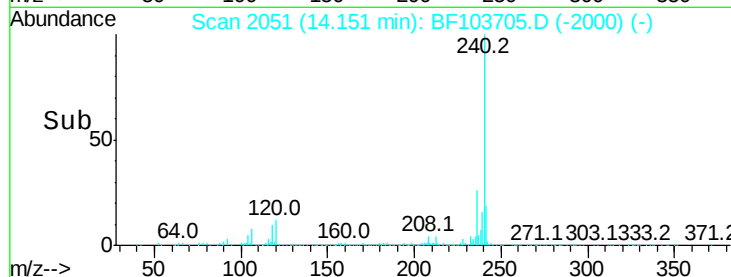
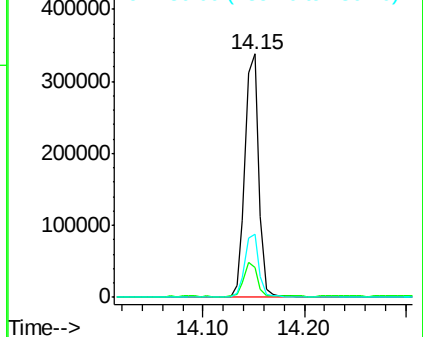
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.633 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

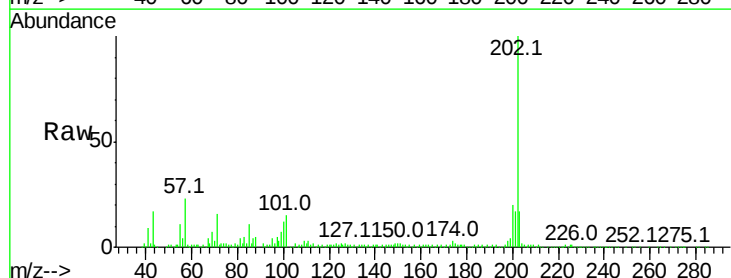
Tgt Ion:202 Resp: 155826

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

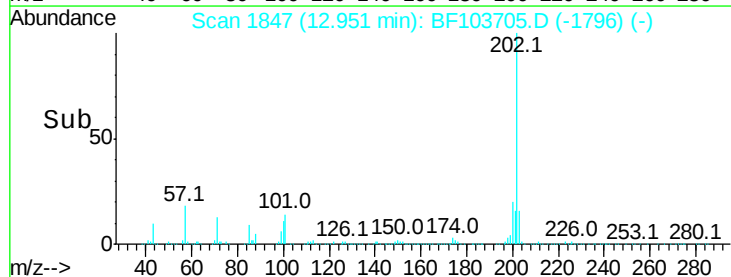
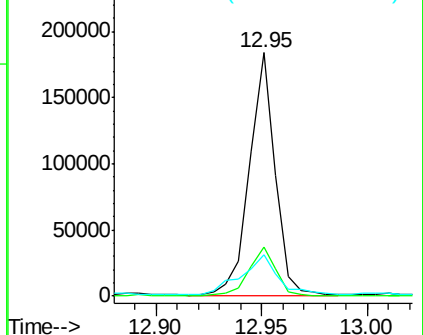
203 17.2 14.3 21.5

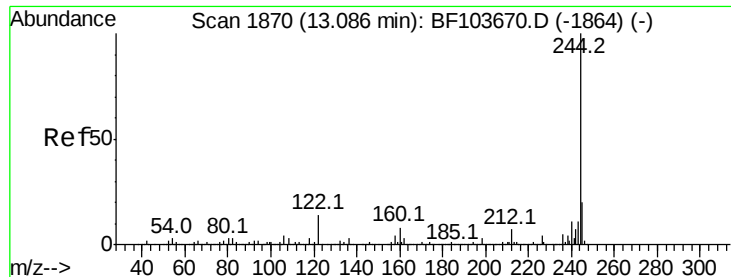


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.910 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampleId :

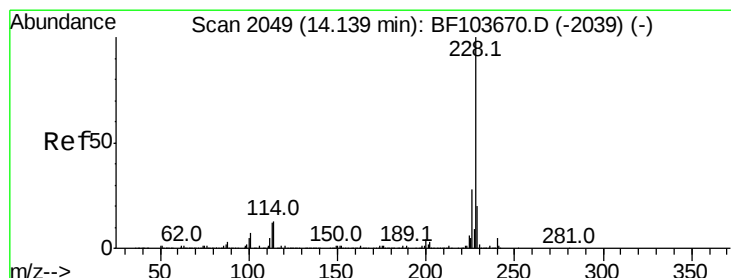
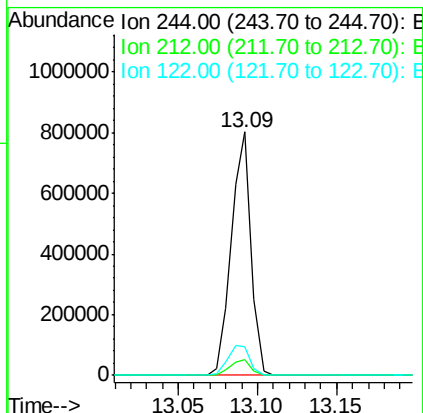
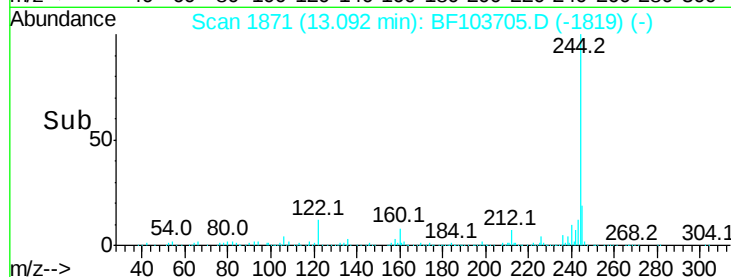
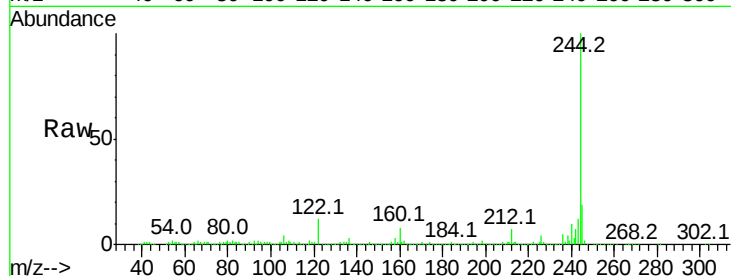
Tot Ion:244 Resp: 687864

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.9 11.0 16.4



#80

Benzo(a)anthracene

Concen: 3.749 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

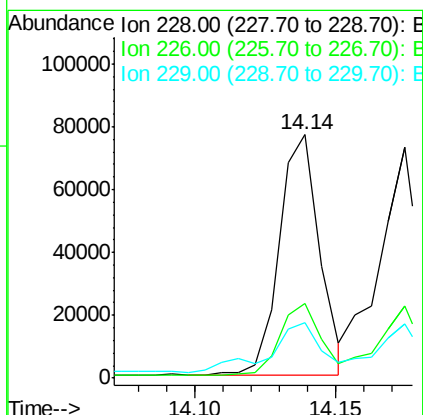
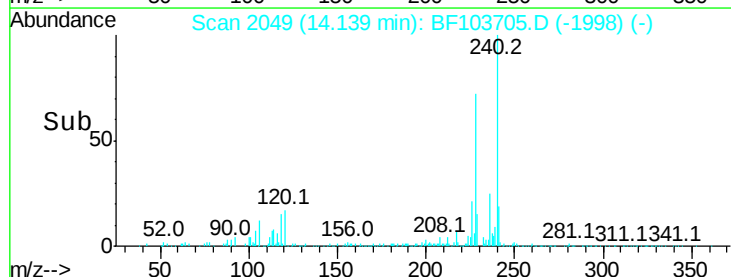
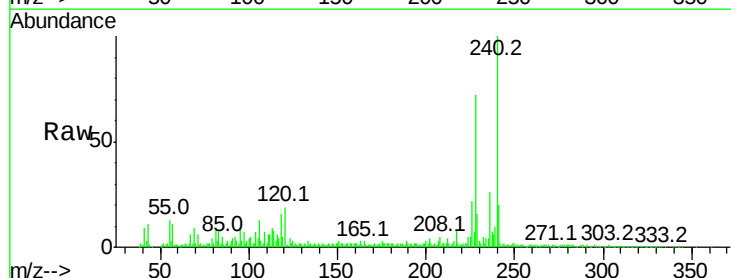
Tgt Ion:228 Resp: 75919

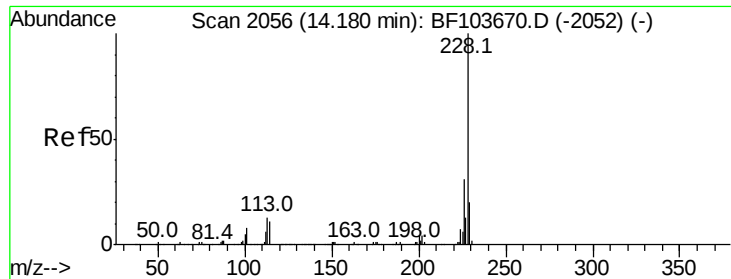
Ion Ratio Lower Upper

228 100

226 30.5 22.6 33.8

229 22.7 15.8 23.6





#82

Chrysene

Concen: 3.779 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampled :

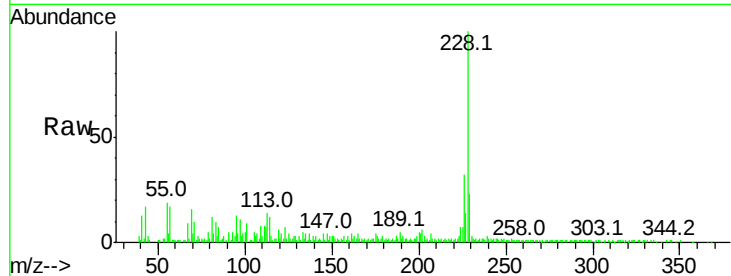
Tot Ion:228 Resp: 72944

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

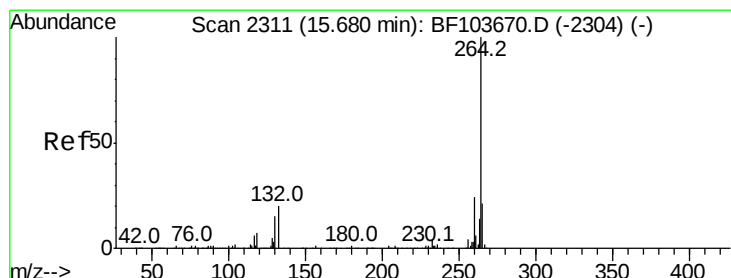
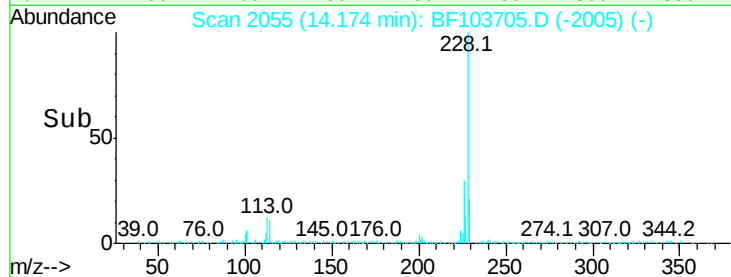
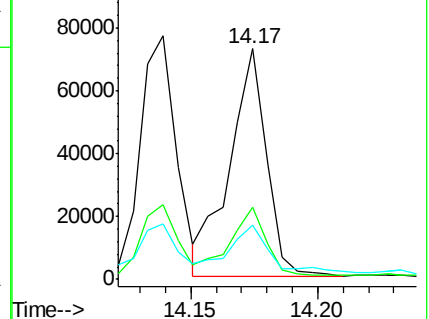
229 23.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

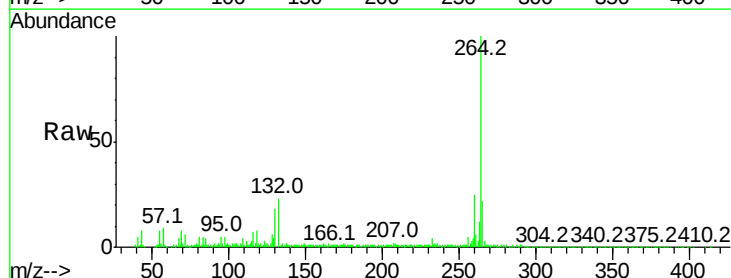
Tgt Ion:264 Resp: 284398

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

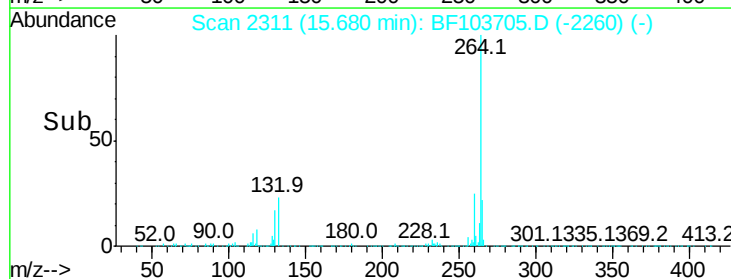
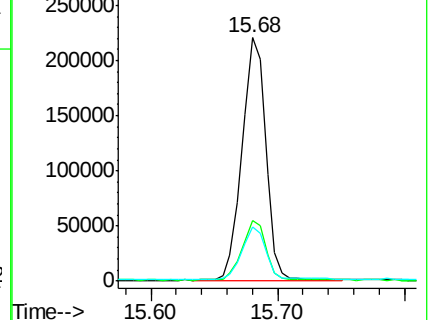
265 22.4 17.5 26.3

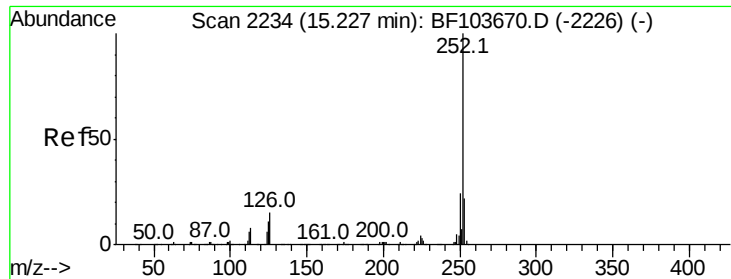


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.347 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampleId :

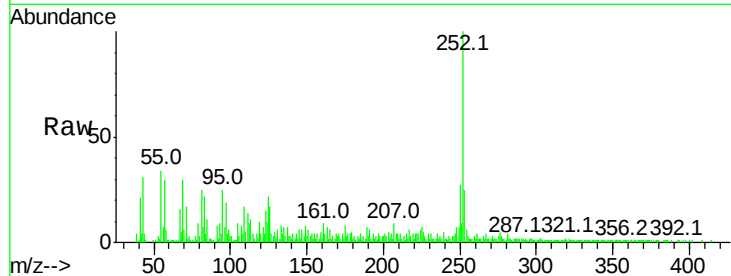
Tot Ion:252 Resp: 114043

Ion Ratio Lower Upper

252 100

253 25.3 17.0 25.6

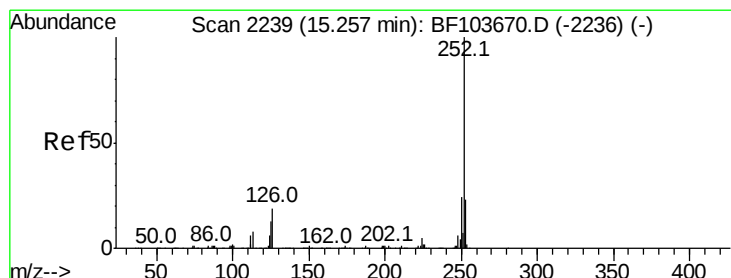
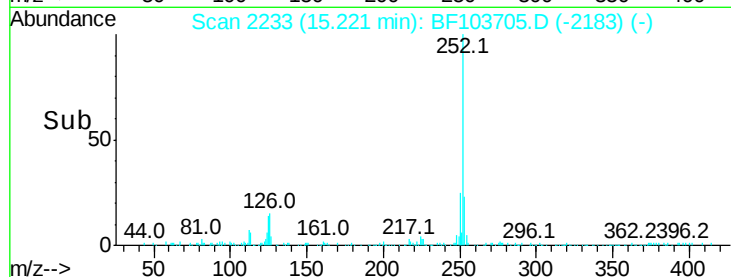
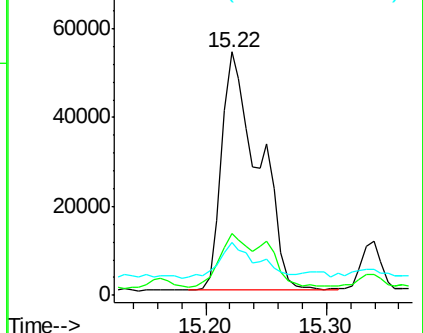
125 21.6 9.0 13.6#



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: 6.603 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

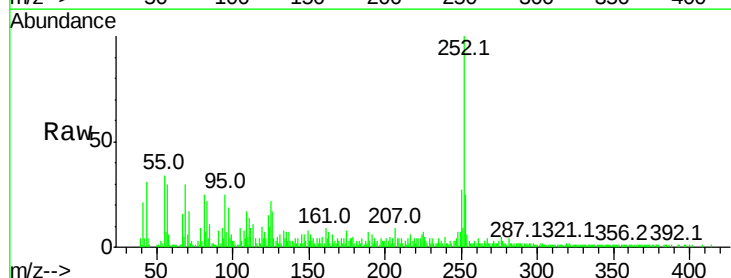
Tgt Ion:252 Resp: 114043

Ion Ratio Lower Upper

252 100

253 25.3 17.9 26.9

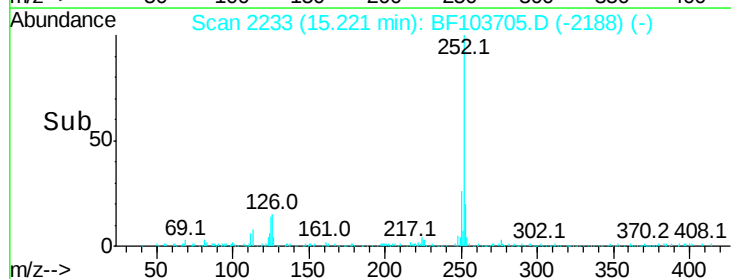
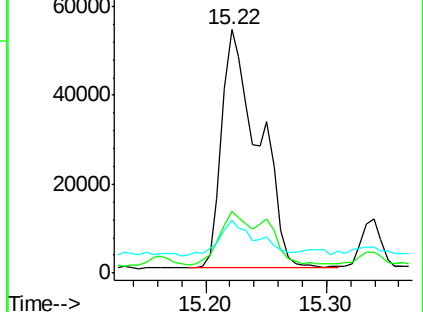
125 21.6 10.2 15.2#

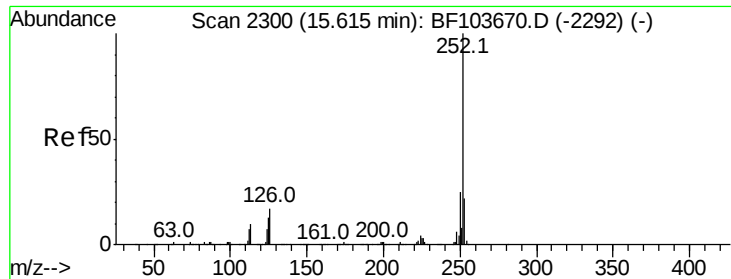


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.558 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

ClientSampleId :

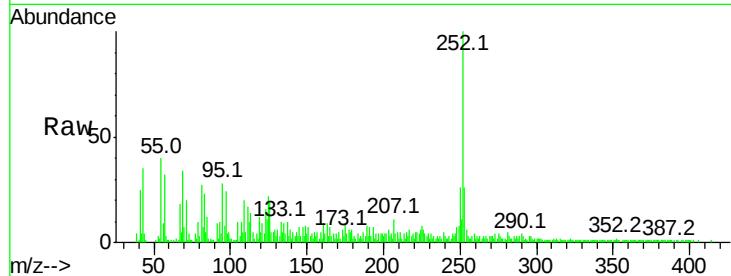
Tot Ion:252 Resp: 57977

Ion Ratio Lower Upper

252 100

253 26.3 17.1 25.7#

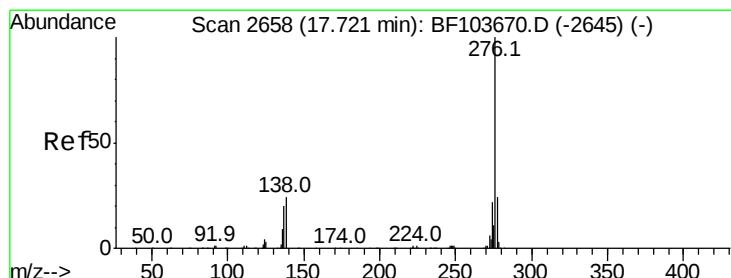
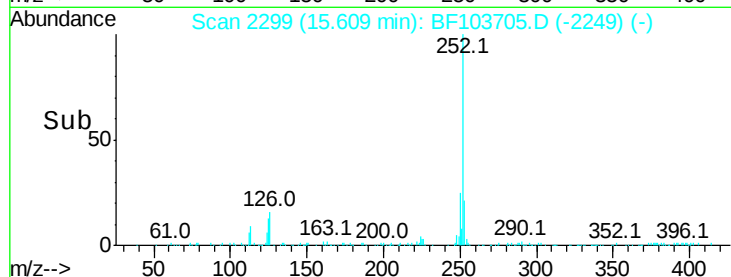
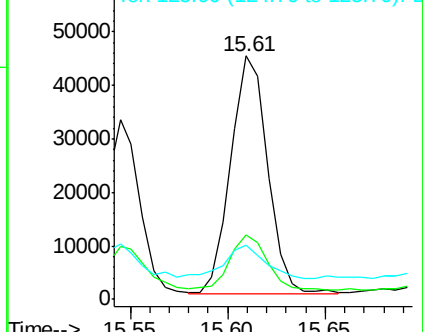
125 22.2 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 2.150 ng

RT: 17.72 min Scan# 2657

Delta R.T. -0.01 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

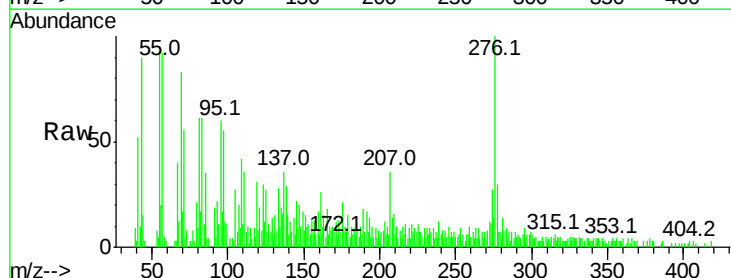
Tgt Ion:276 Resp: 29519

Ion Ratio Lower Upper

276 100

277 29.5 17.9 26.9#

138 28.7 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

