

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103431.D
 Acq On : 6 Mar 2018 1:20
 Operator : SJ/JU
 Sample : J1767-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 02:37:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129443	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	512983	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	200357	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	300700	20.00	ng	0.00
75) Chrysene-d12	14.07	240	189315	20.00	ng	0.00
86) Perylene-d12	15.59	264	143671	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	823141	96.18	ng	0.00
7) Phenol-d6	6.52	99	1321005	126.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	797626	88.80	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	65790	38.79	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1076844	95.25	ng	0.00
78) Terphenyl-d14	13.00	244	754775	95.84	ng	0.00

Target Compounds

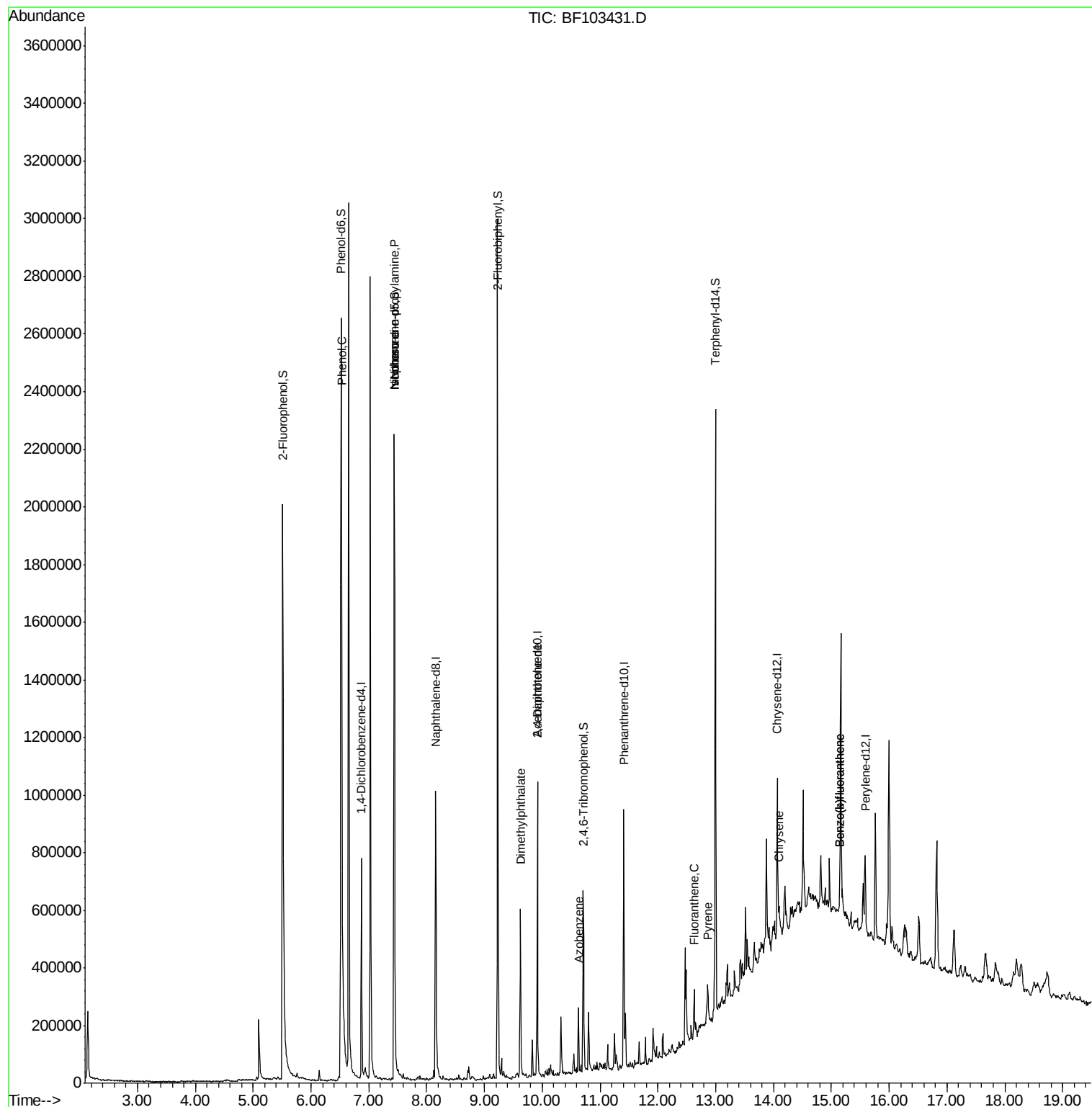
						Qvalue
9) Benzaldehyde	6.46	77	1650	Below Cal	#	58
10) Phenol	6.53	94	61995	5.099 ng	#	42
19) n-Nitroso-di-n-propylamine	7.44	70	107019	16.419 ng	#	84
25) Isophorone	7.44	82	797626	45.086 ng	#	64
49) Dimethylphthalate	9.62	163	223422	13.900 ng		100
56) 2,4-Dinitrotoluene	9.92	165	26628	6.242 ng	#	24
62) Azobenzene	10.62	77	45015	2.877 ng	#	1
74) Fluoranthene	12.63	202	63642	3.827 ng		97
77) Pyrene	12.86	202	50019	3.389 ng		98
82) Chrysene	14.09	228	25471	2.136 ng	#	95
87) Benzo(b)fluoranthene	15.14	252	33934	3.592 ng	#	56
88) Benzo(k)fluoranthene	15.14	252	33934	3.815 ng	#	59

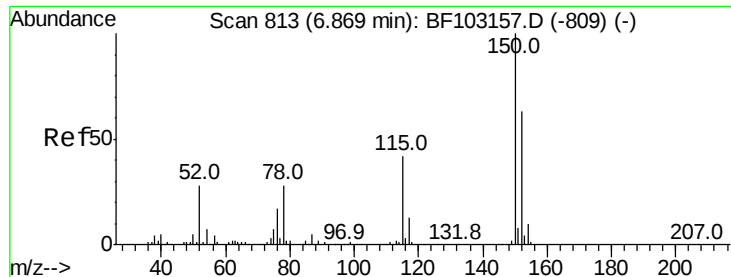
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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ALS Vial : 19 Sample Multiplier: 1

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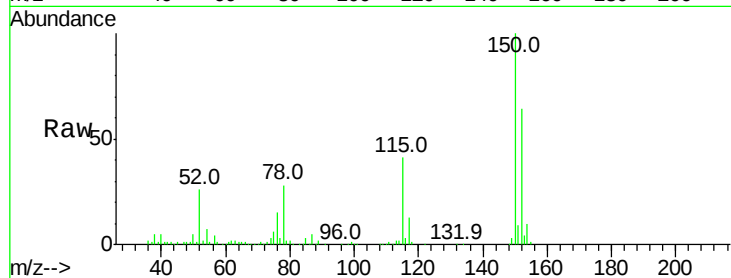


#1

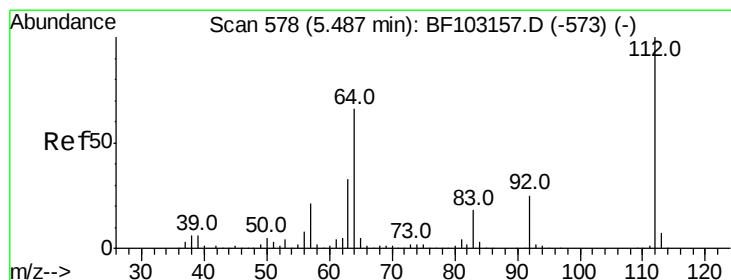
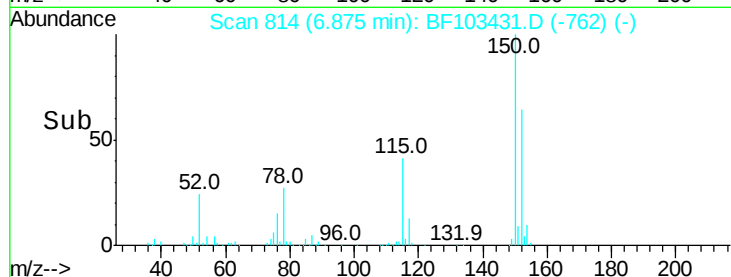
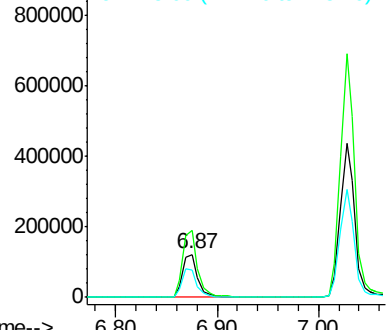
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129443
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 64.6 50.1 75.1



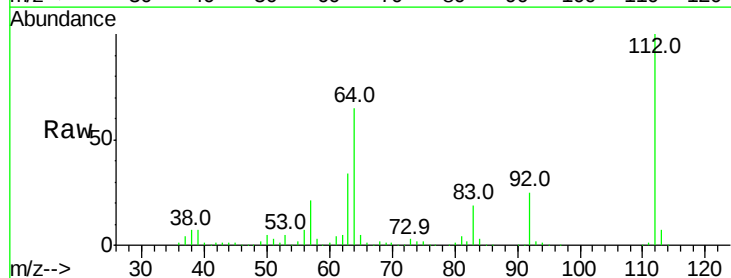
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



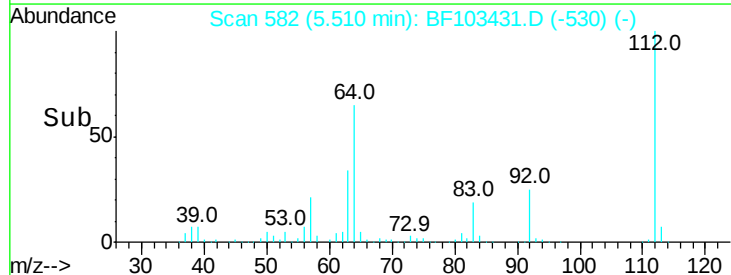
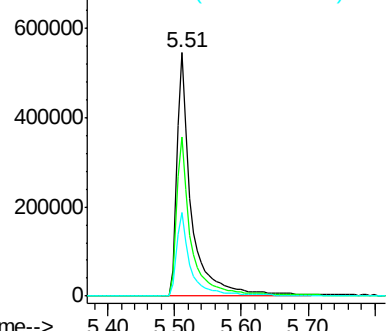
#5

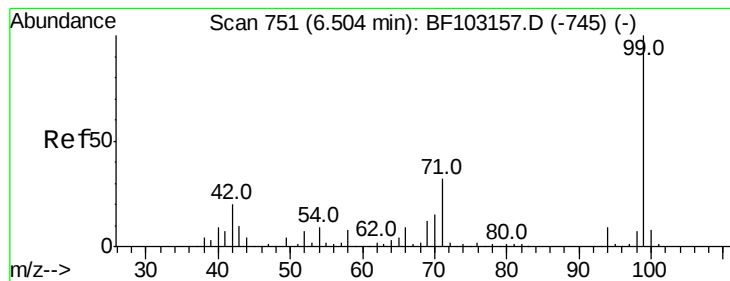
2-Fluorophenol
Concen: 96.177 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Tgt Ion:112 Resp: 823141
Ion Ratio Lower Upper
112 100
64 65.5 47.9 71.9
63 34.4 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: 126.137 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

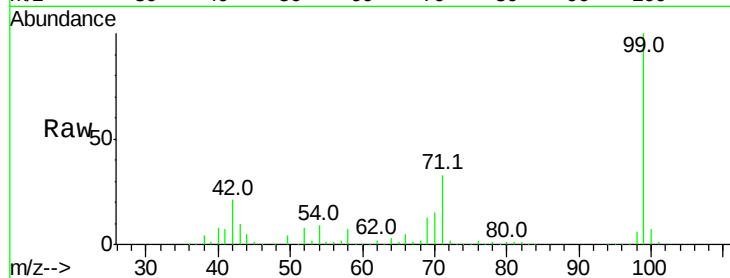
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1321005

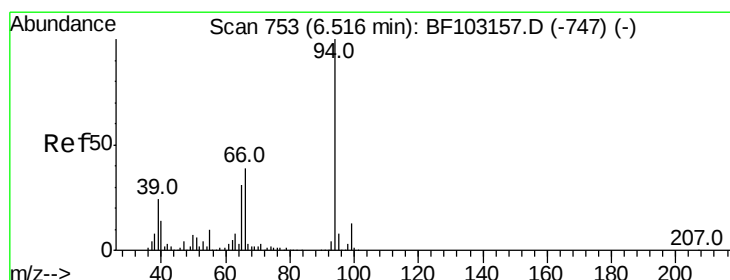
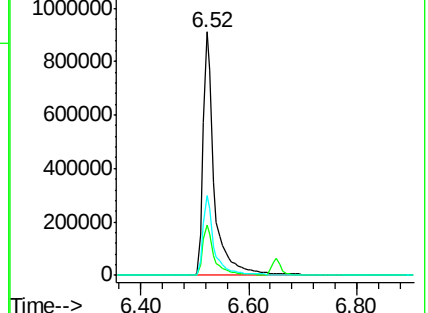
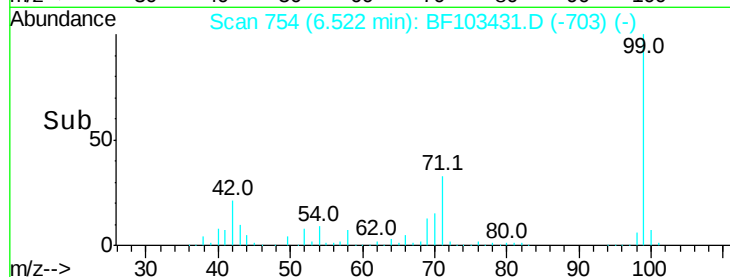
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	32.6	25.4	38.0



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: 5.099 ng

RT: 6.53 min Scan# 756

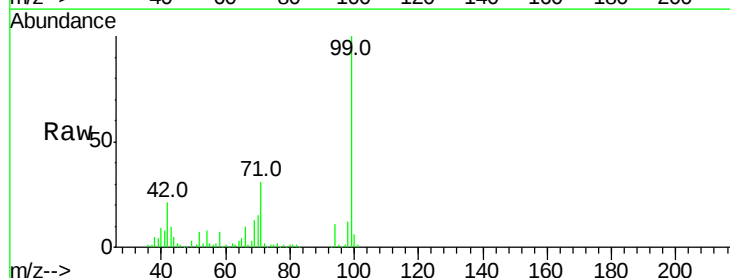
Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Tgt Ion: 94 Resp: 61995

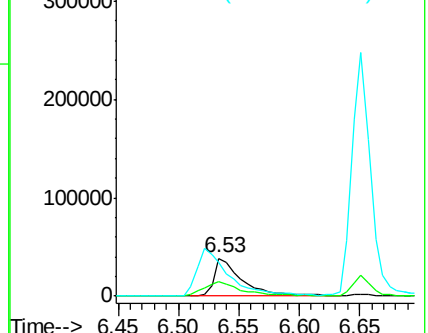
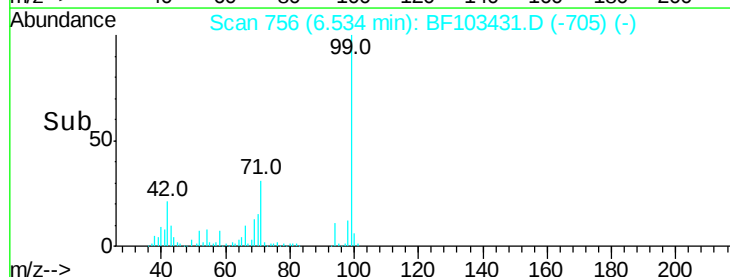
Ion	Ratio	Lower	Upper
94	100		
65	39.0	7.9	47.9
66	87.0	16.2	56.2

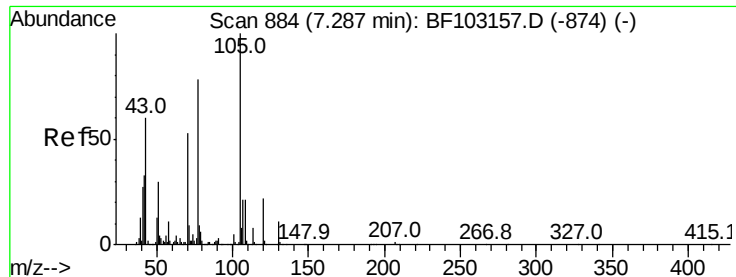


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 16.419 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.16 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 107019

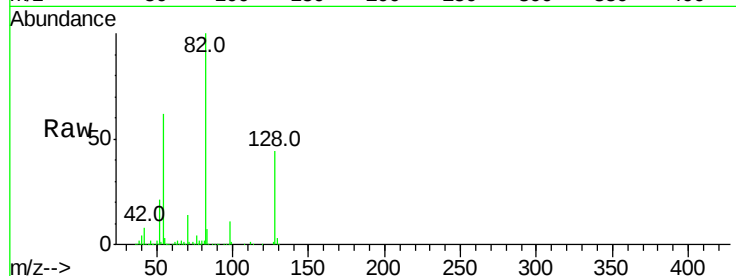
Ion Ratio Lower Upper

70 100

42 54.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

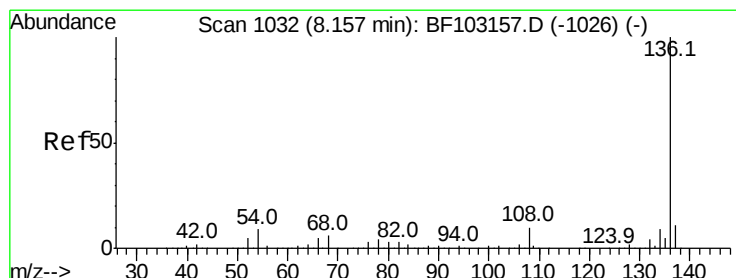
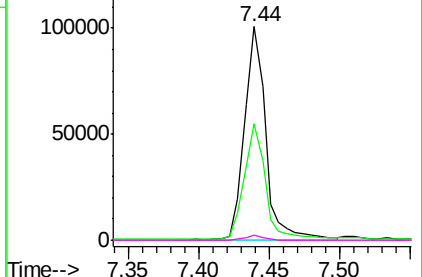
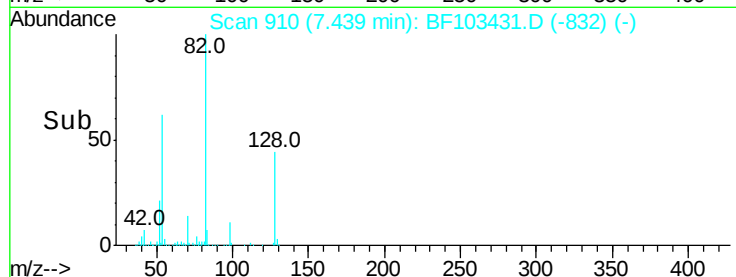


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Tgt Ion: 136 Resp: 512983

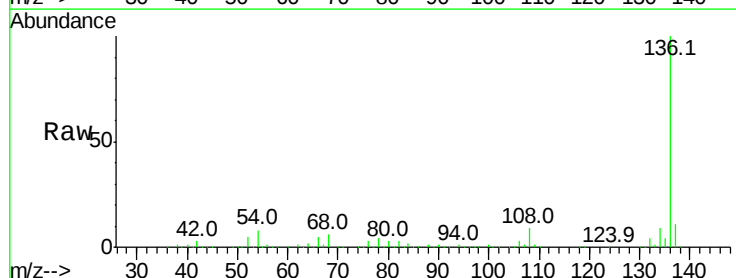
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.4 5.0 7.4

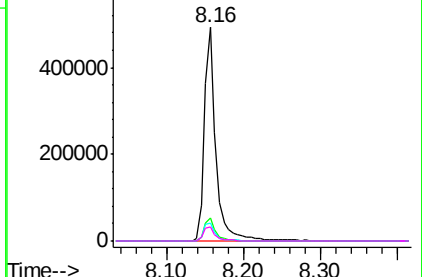
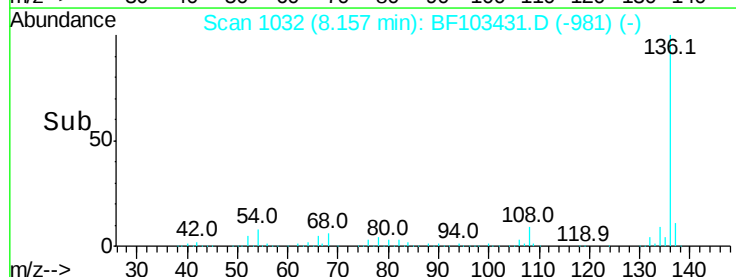


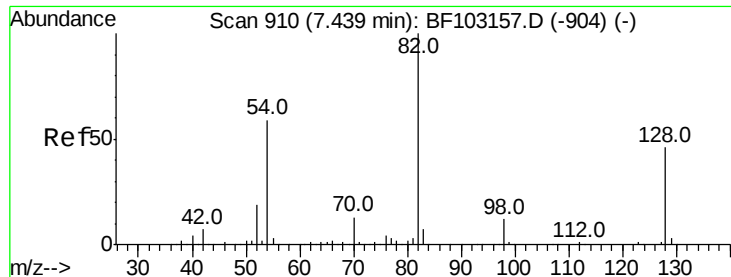
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

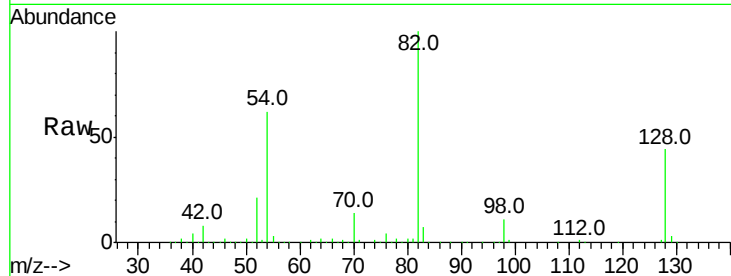




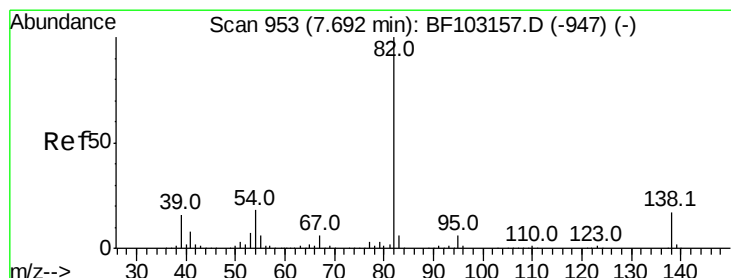
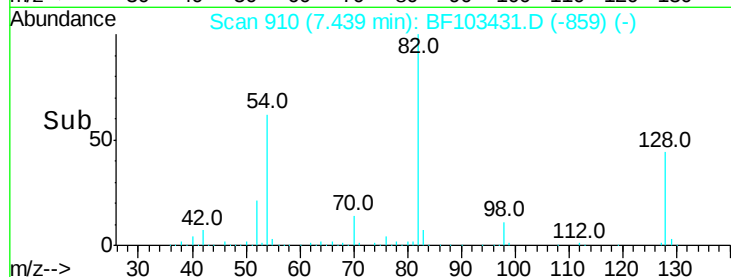
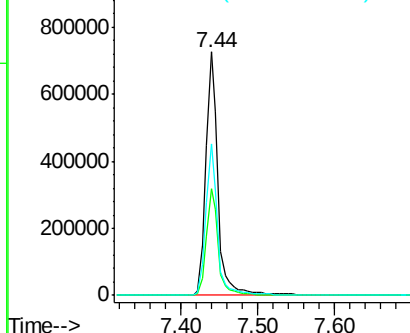
#23
Nitrobenzene-d5
Concen: 88.797 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 797626
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 62.4 41.4 62.2#

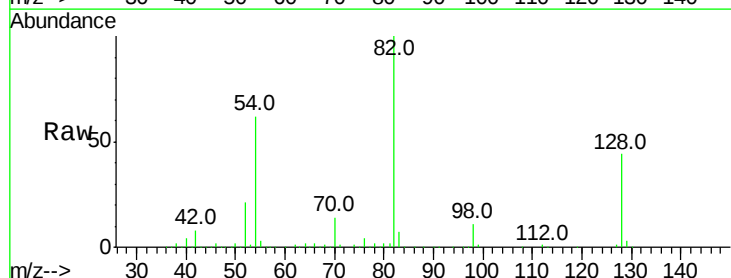


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

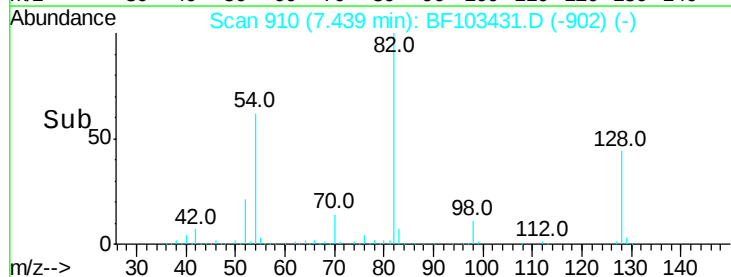
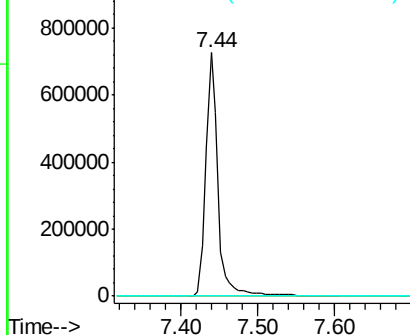


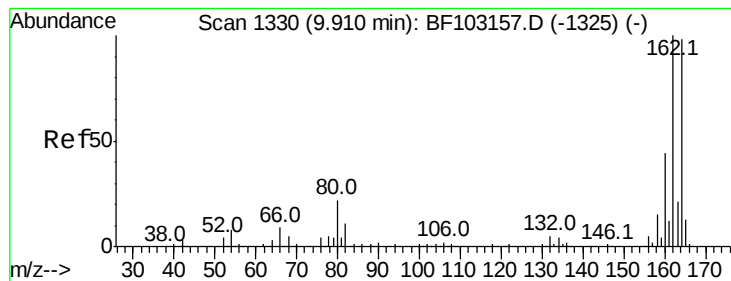
#25
Isophorone
Concen: 45.086 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Tgt Ion: 82 Resp: 797626
Ion Ratio Lower Upper
82 100
95 0.0 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

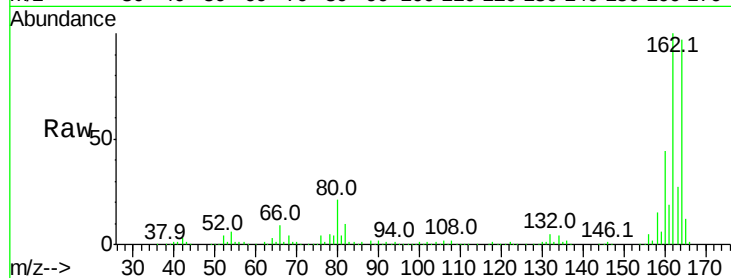
Tot Ion:164 Resp: 200357

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

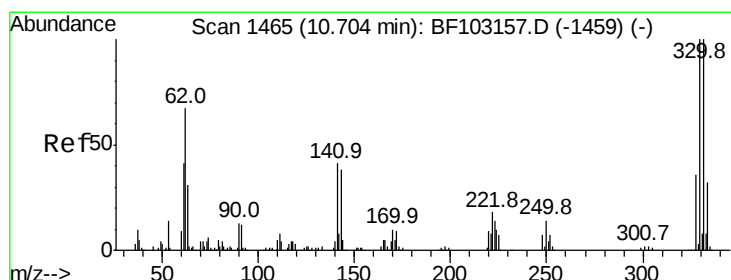
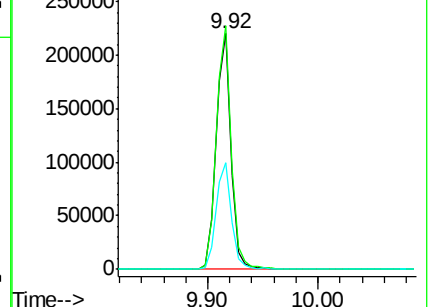
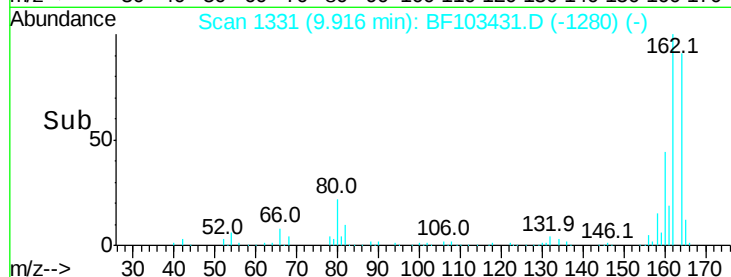
160 45.1 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 38.793 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

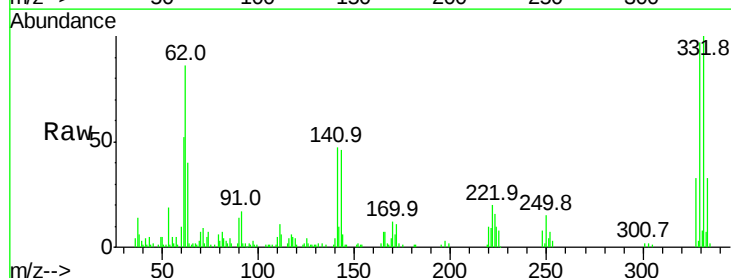
Tgt Ion:330 Resp: 65790

Ion Ratio Lower Upper

330 100

332 104.0 77.0 115.6

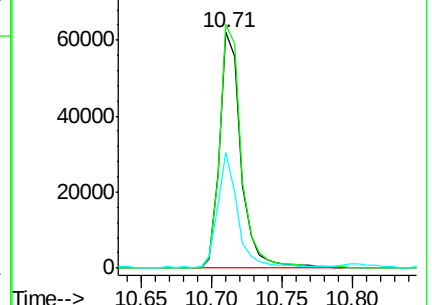
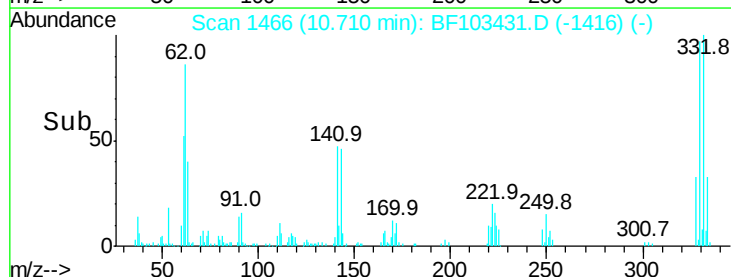
141 46.9 29.9 44.9#

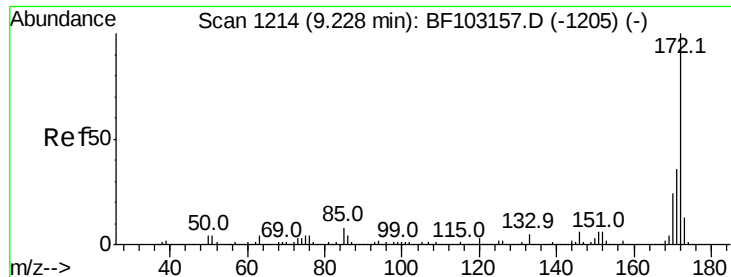


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



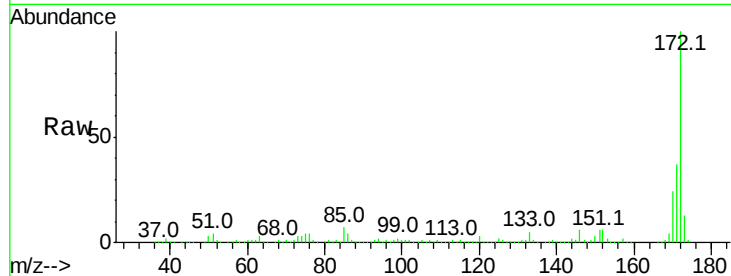


#44
 2-Fluorobiphenyl
 Concen: 95.247 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103431.D
 Acq: 6 Mar 2018 1:20

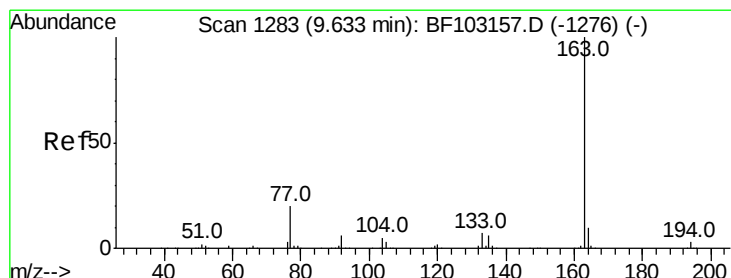
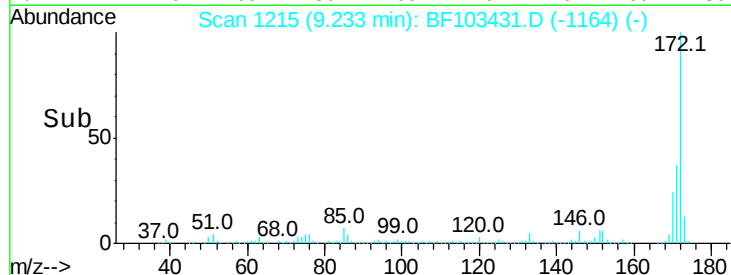
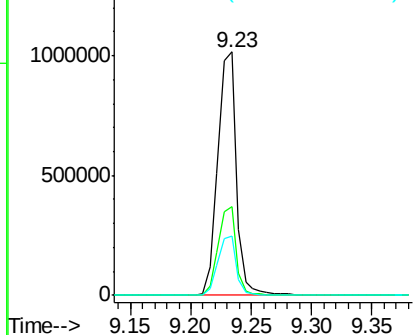
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1076844

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



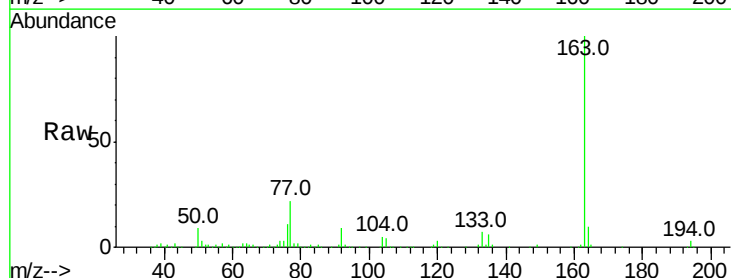
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



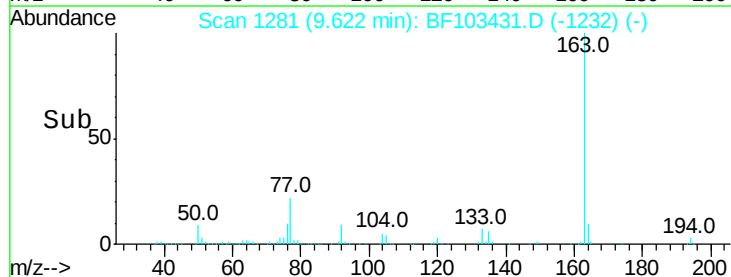
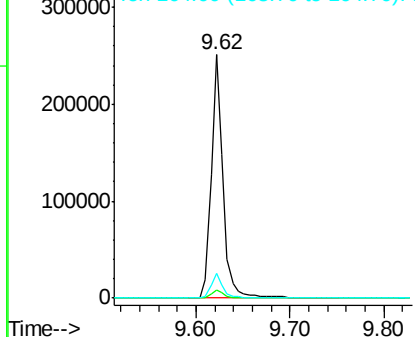
#49
 Dimethylphthalate
 Concen: 13.900 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF103431.D
 Acq: 6 Mar 2018 1:20

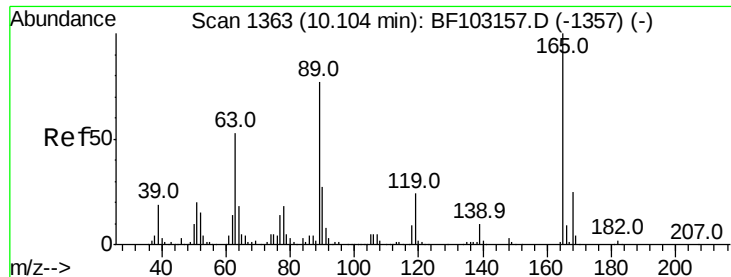
Tgt Ion:163 Resp: 223422

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	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

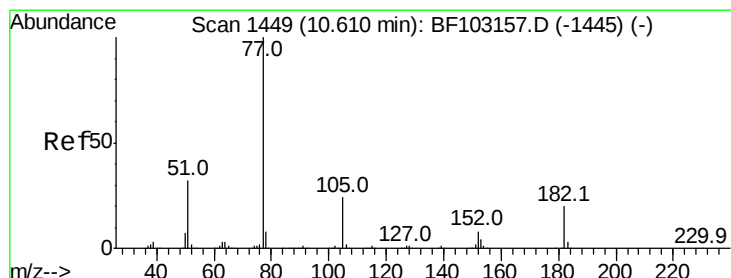
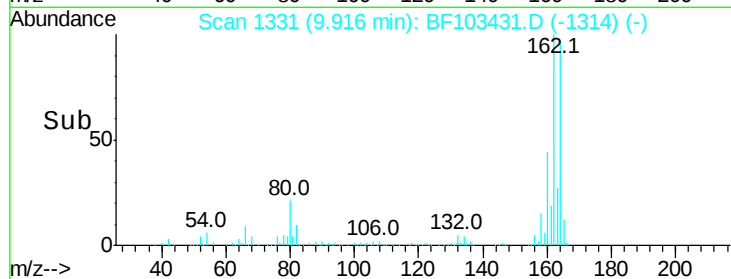
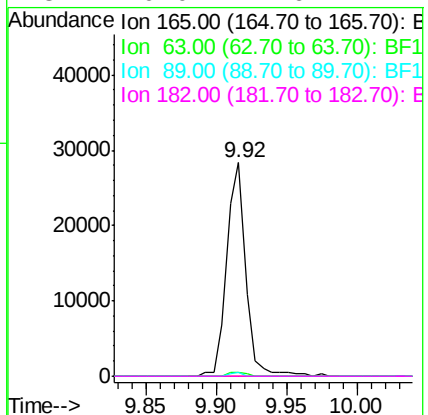
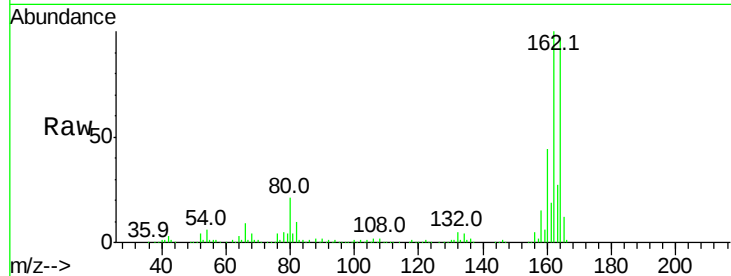




#56
 2,4-Dinitrotoluene
 Concen: 6.242 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.20 min
 Lab File: BF103431.D
 Acq: 6 Mar 2018 1:20

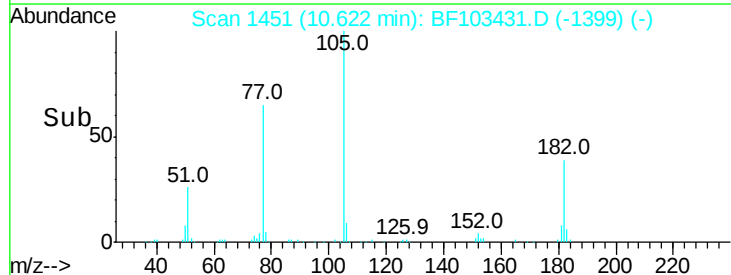
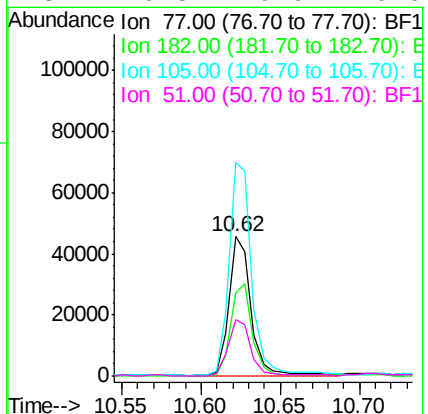
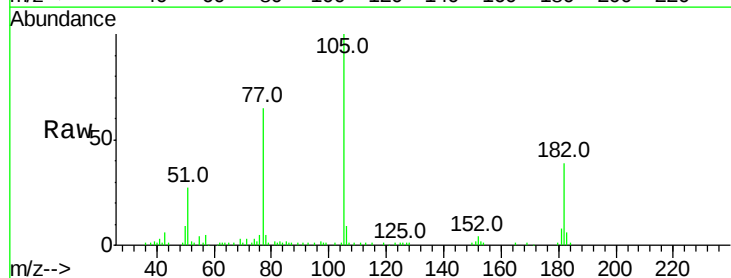
Instrument :
 BNA_F
 ClientSampleId :

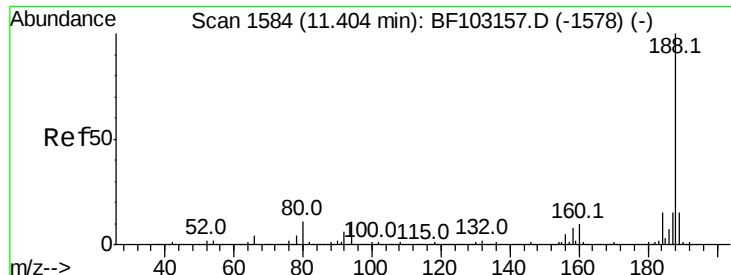
Tot Ion:	165	Resp:	26628
Ion Ratio	Lower	Upper	
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.877 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF103431.D
 Acq: 6 Mar 2018 1:20

Tgt Ion:	77	Resp:	45015
Ion Ratio	Lower	Upper	
77	100		
182	59.4	1.7	41.7#
105	153.5	3.0	43.0#
51	40.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

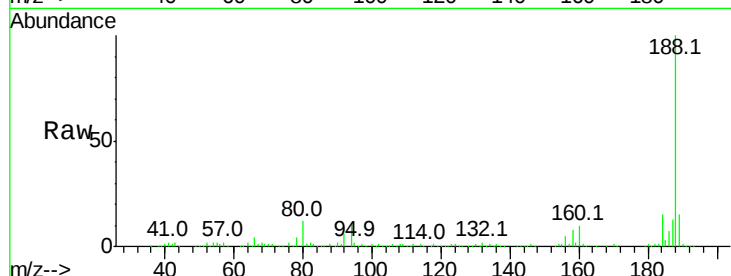
Tot Ion:188 Resp: 300700

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

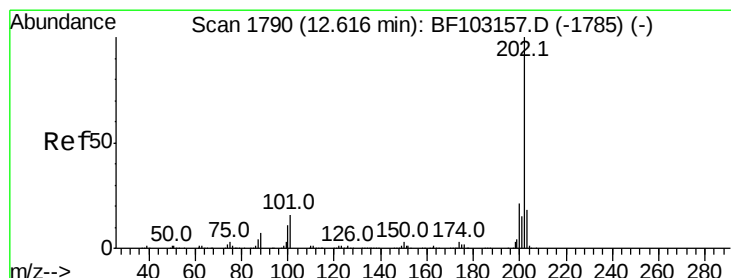
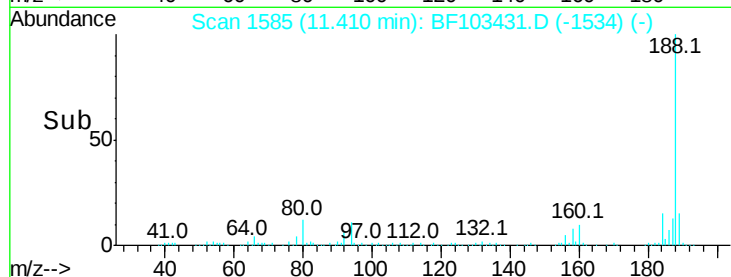
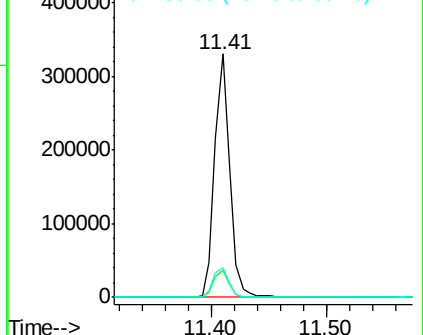
80 12.3 9.2 13.8



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



#74

Fluoranthene

Concen: 3.827 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

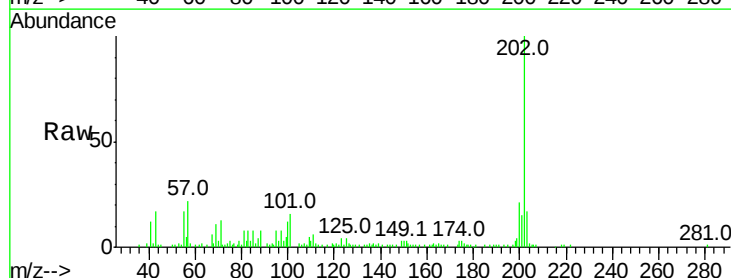
Tgt Ion:202 Resp: 63642

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.1

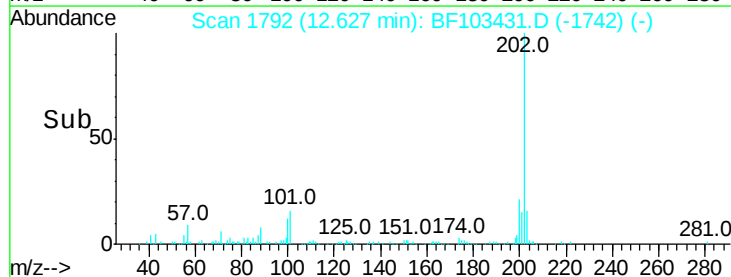
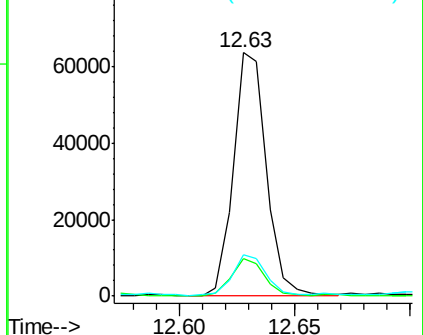
203 17.1 0.0 38.1

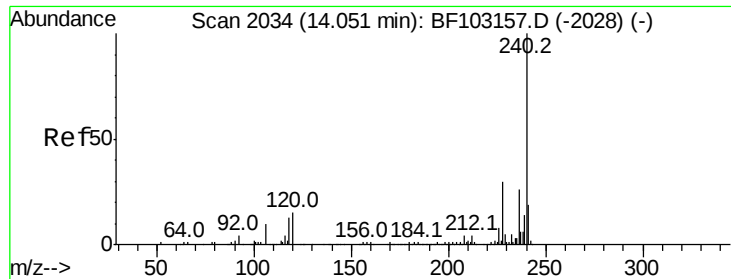


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

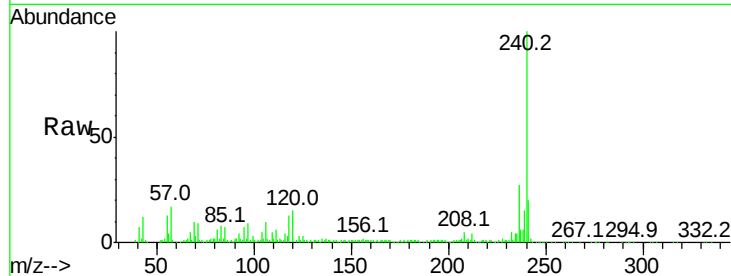
Tot Ion:240 Resp: 189315

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

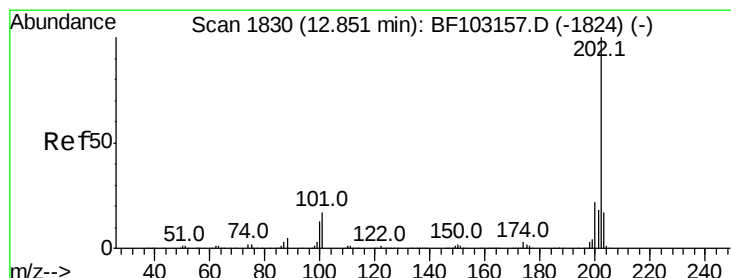
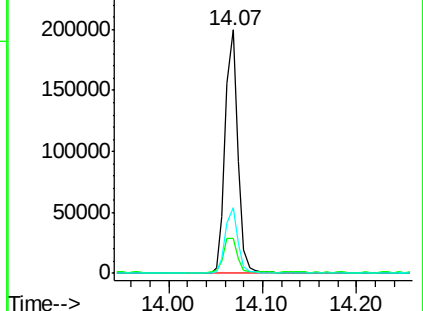
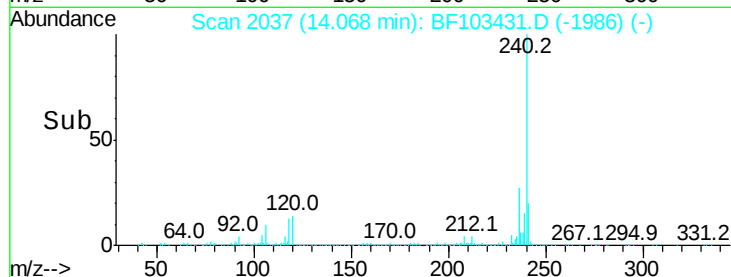
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.389 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

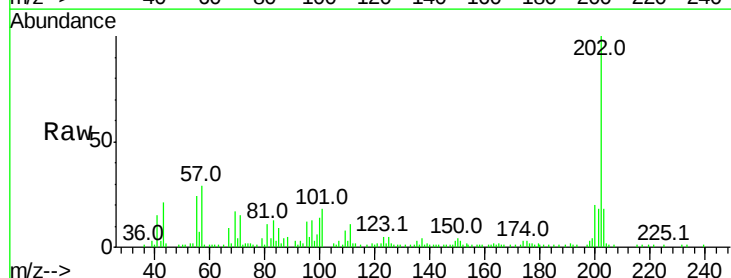
Tgt Ion:202 Resp: 50019

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

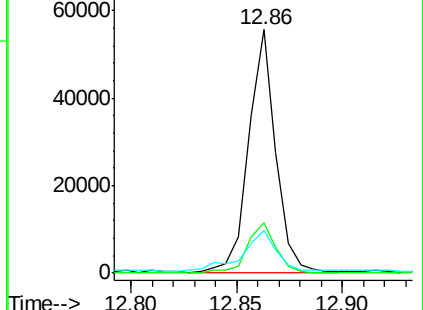
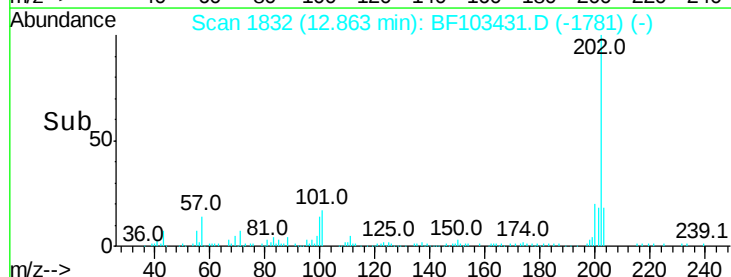
203 17.7 14.3 21.5

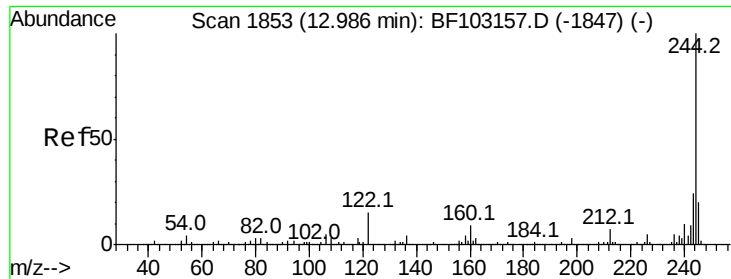


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.839 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

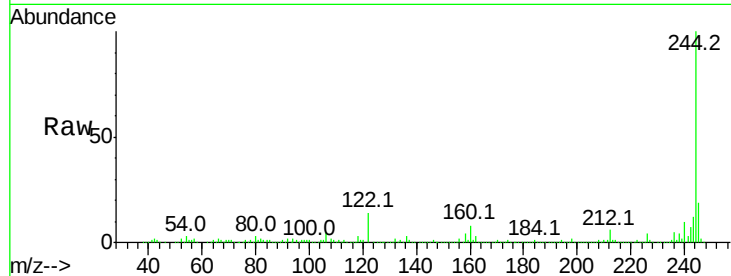
Tot Ion:244 Resp: 754775

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

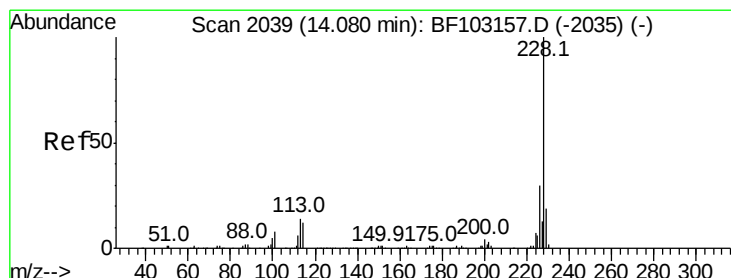
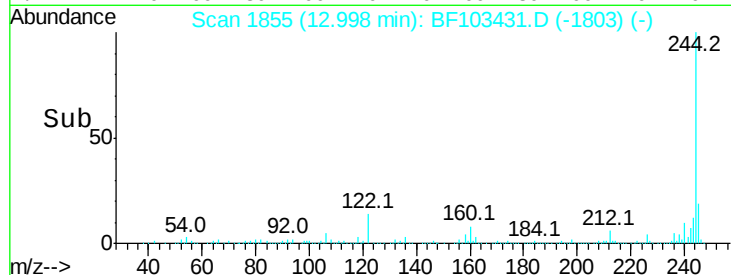
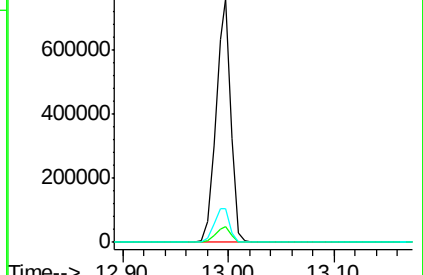
122 13.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#82

Chrysene

Concen: 2.136 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

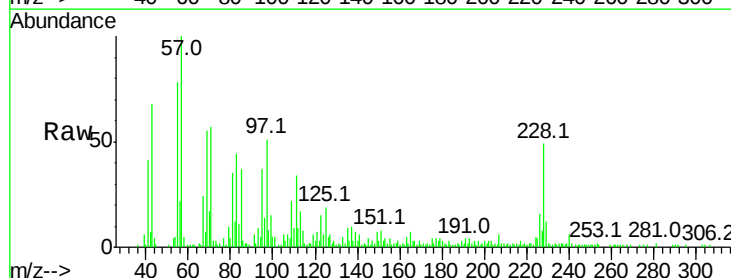
Tgt Ion:228 Resp: 25471

Ion Ratio Lower Upper

228 100

226 32.9 25.0 37.6

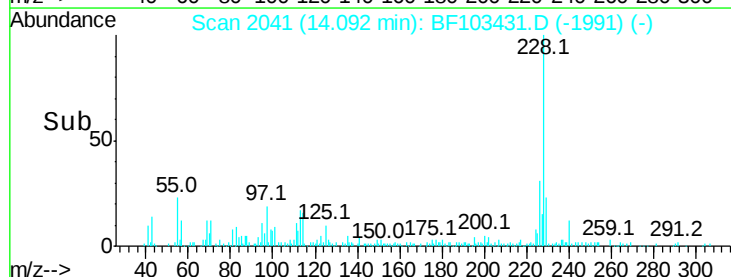
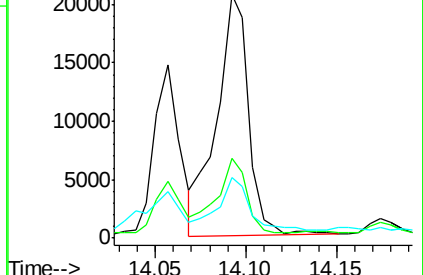
229 24.6 16.2 24.4#

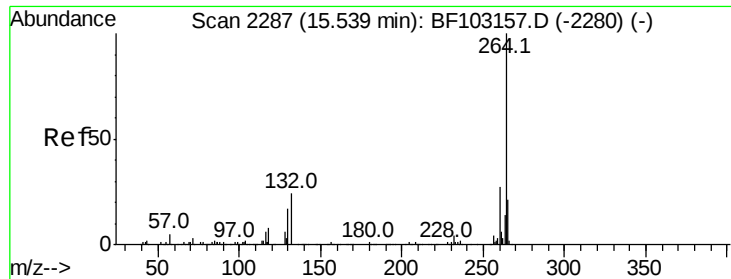


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



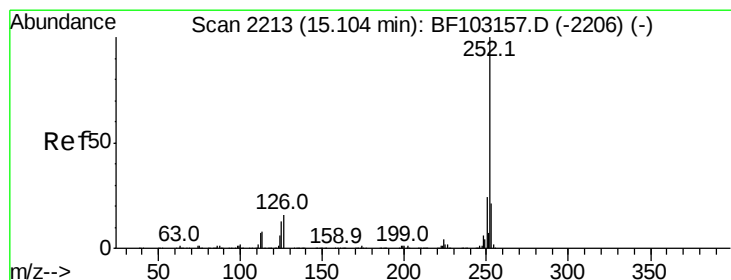
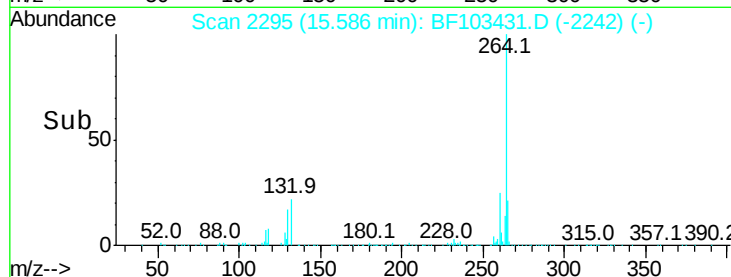
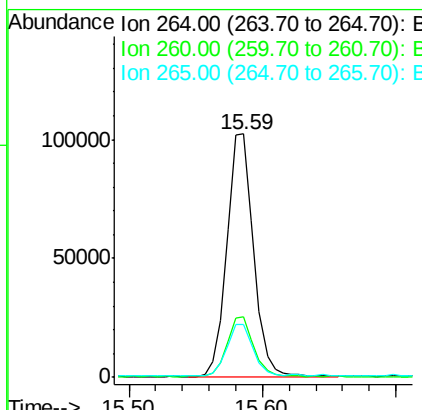
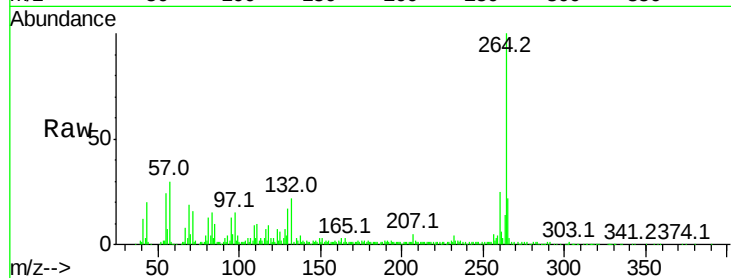


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 143671

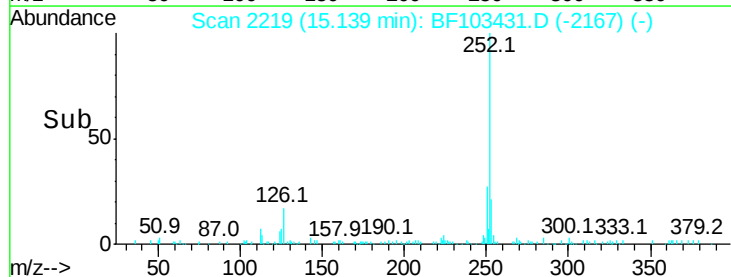
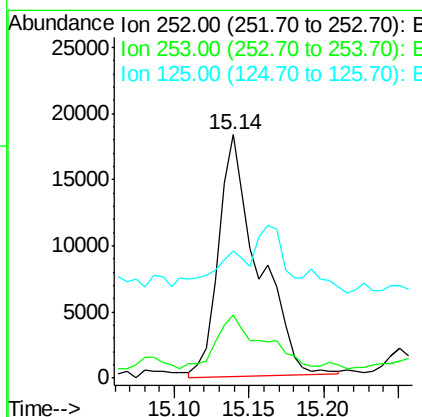
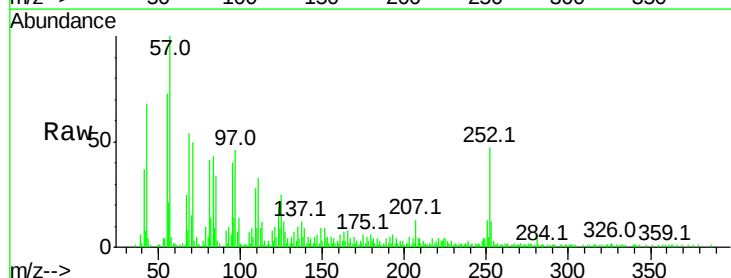
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

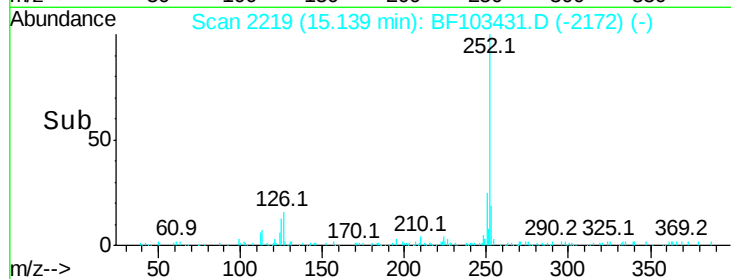
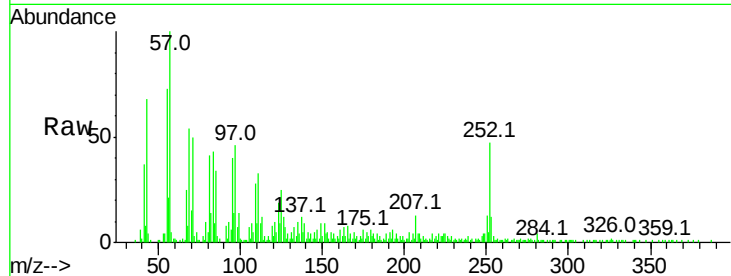
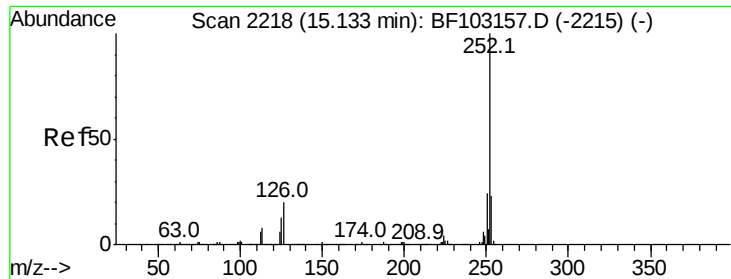


#87
Benzo(b)fluoranthene
Concen: 3.592 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Tgt Ion:252 Resp: 33934

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	52.4	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 3.815 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 33934

Ion Ratio Lower Upper

252 100

253 25.9 17.9 26.9

125 52.4 10.2 15.2#

