

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103210.D
 Acq On : 26 Feb 2018 11:27
 Operator : SJ/JU
 Sample : J1639-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 12:14:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

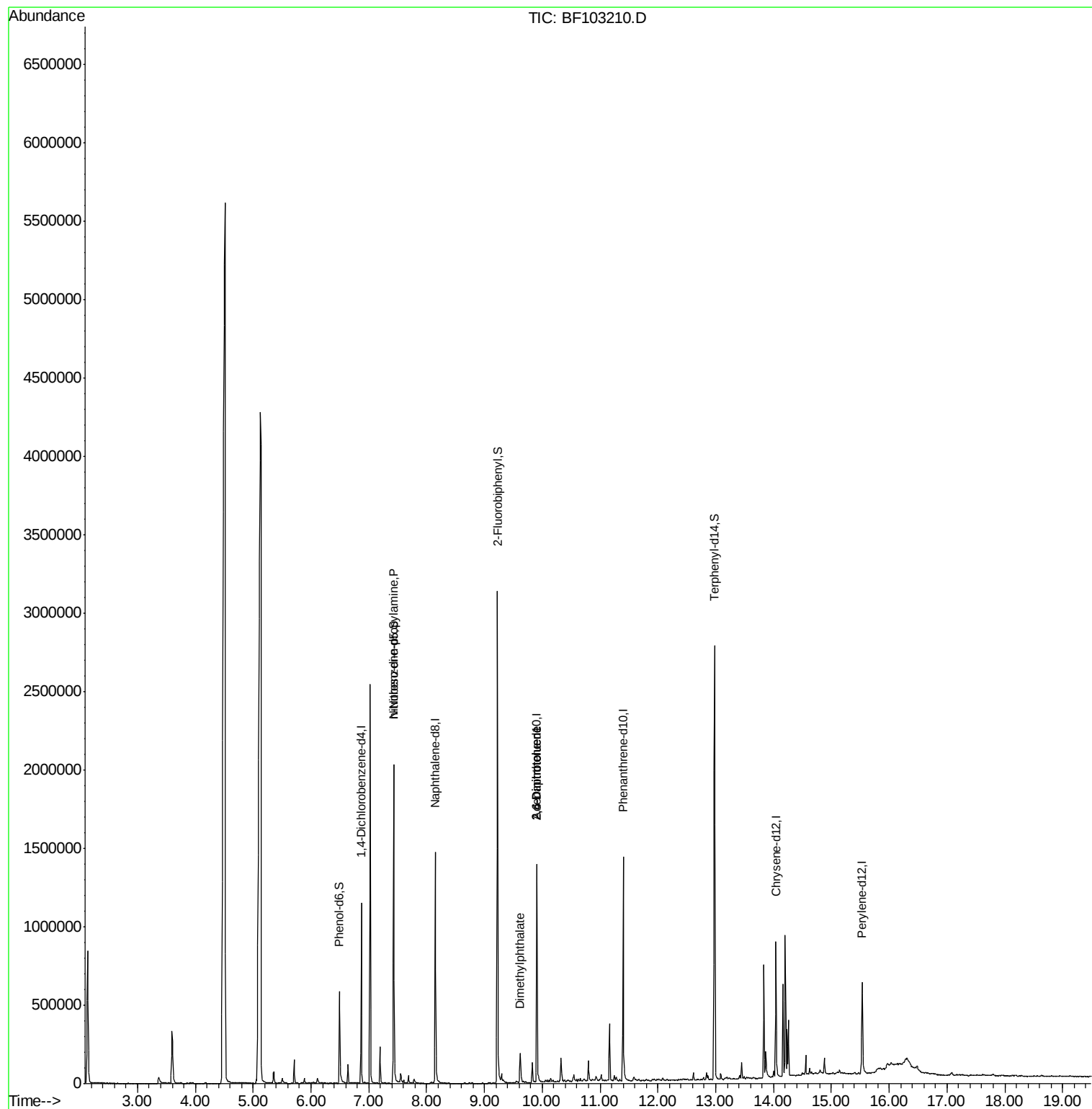
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159993	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	676004	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	293708	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	513356	20.00	ng	0.00
75) Chrysene-d12	14.04	240	304759	20.00	ng	-0.01
86) Perylene-d12	15.53	264	288638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	14502	1.37	ng	0.01
7) Phenol-d6	6.49	99	226636	17.51	ng	-0.01
23) Nitrobenzene-d5	7.43	82	669608	56.57	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	1109866	60.71	ng	0.00
78) Terphenyl-d14	12.98	244	914717	72.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	430	Below Cal		90
19) n-Nitroso-di-n-propylamine	7.43	70	89061	11.055 ng	#	84
49) Dimethylphthalate	9.62	163	91990	3.904 ng		100
50) 2,6-Dinitrotoluene	9.90	165	37579	7.600 ng	#	26
56) 2,4-Dinitrotoluene	9.90	165	37572	6.008 ng	#	23

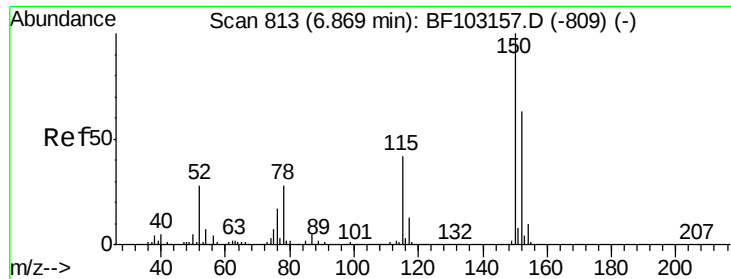
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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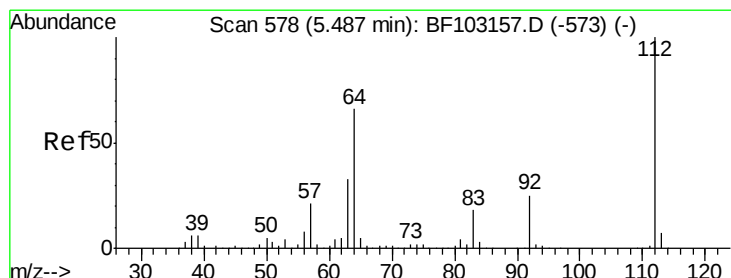
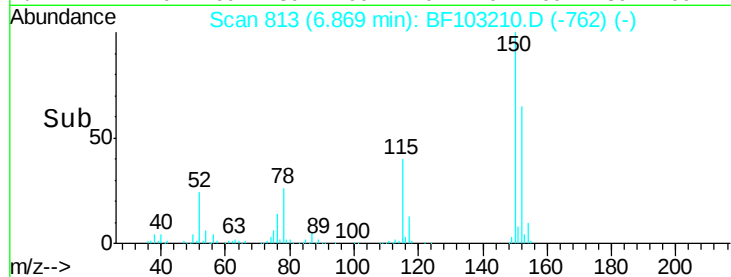
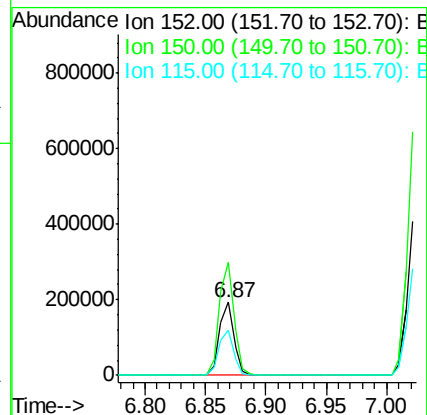
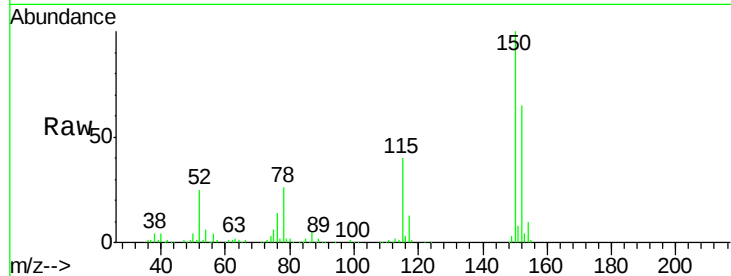


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

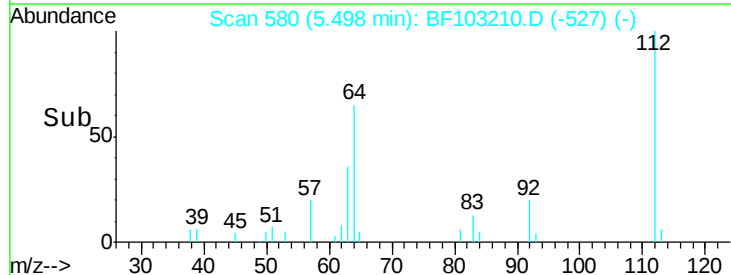
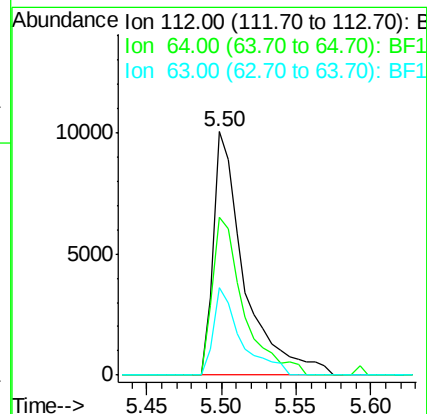
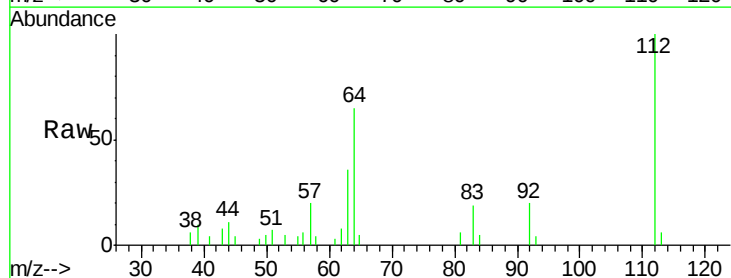
Tot Ion:152 Resp: 159993
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.5 50.1 75.1

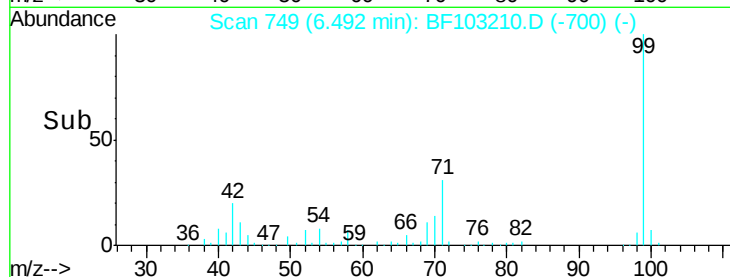
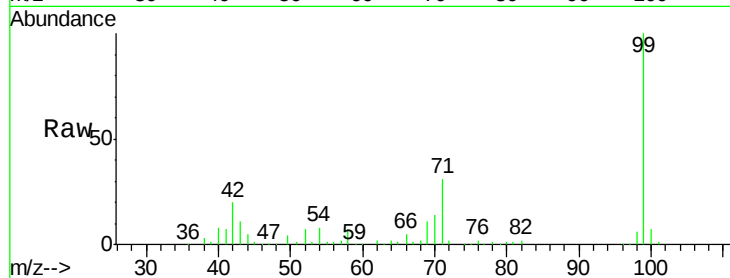
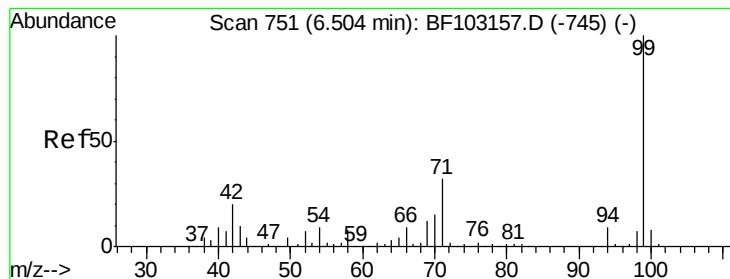


#5

2-Fluorophenol
Concen: 1.371 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Tgt Ion:112 Resp: 14502
Ion Ratio Lower Upper
112 100
64 65.0 47.9 71.9
63 35.9 23.7 35.5#





#7

Phenol-d6

Concen: 17.508 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Instrument :

BNA_F

ClientSampleId :

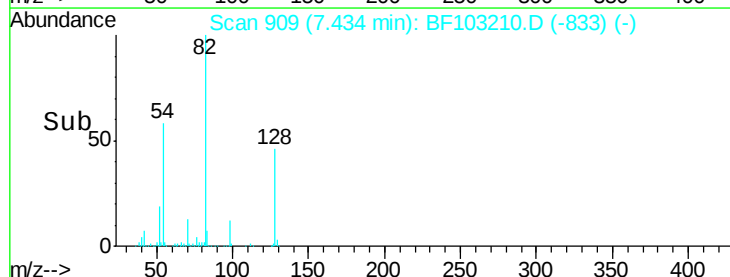
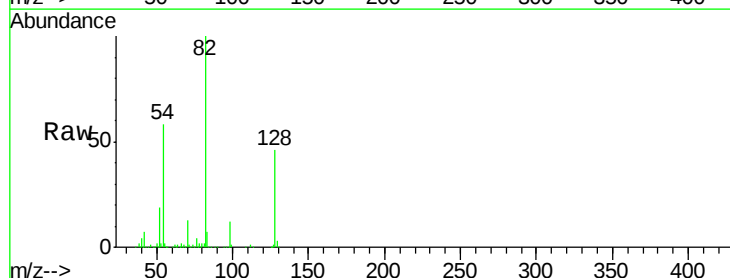
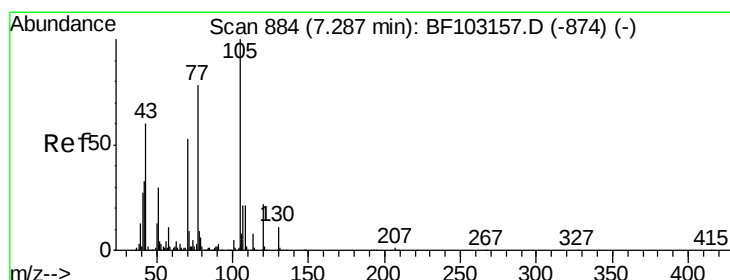
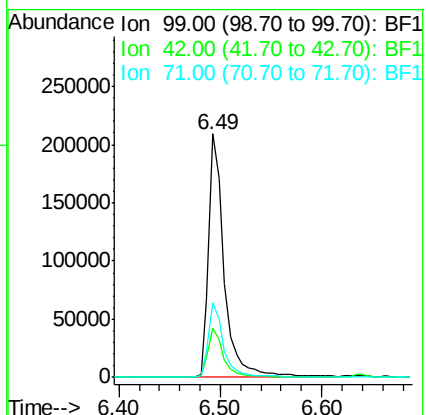
Tot Ion: 99 Resp: 226636

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 30.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.055 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Tgt Ion: 70 Resp: 89061

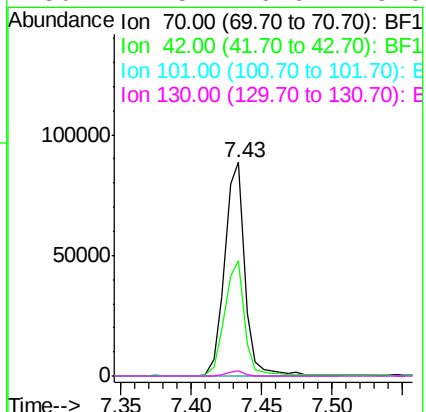
Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

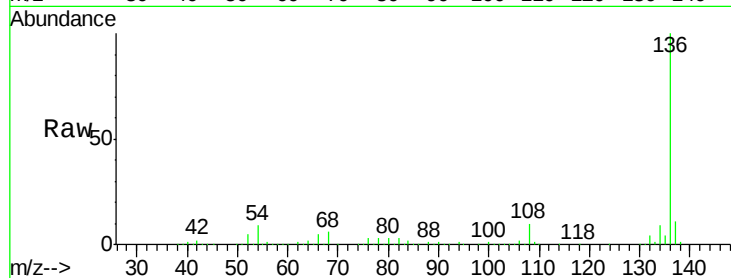




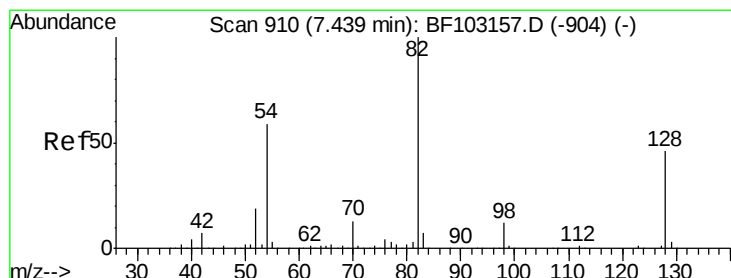
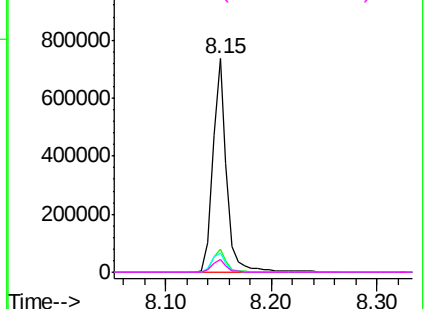
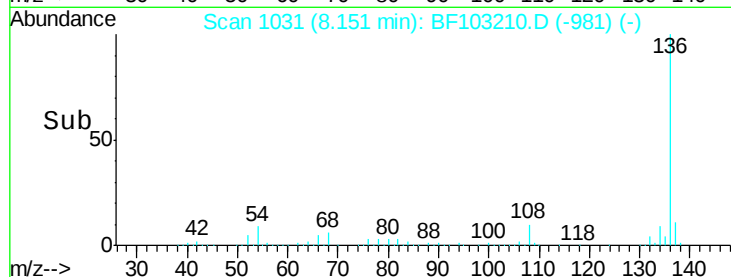
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	676004
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	8.9	6.6 9.8
68	6.2	5.0 7.4

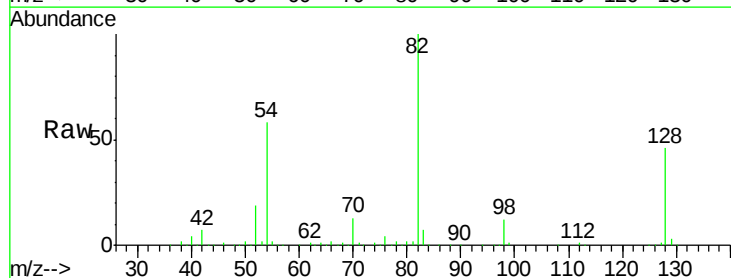


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

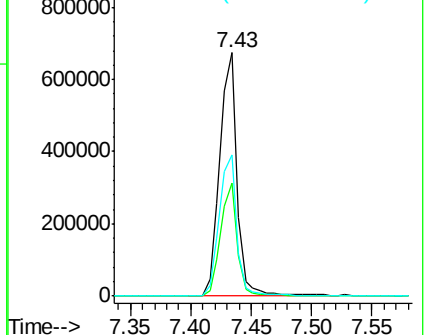
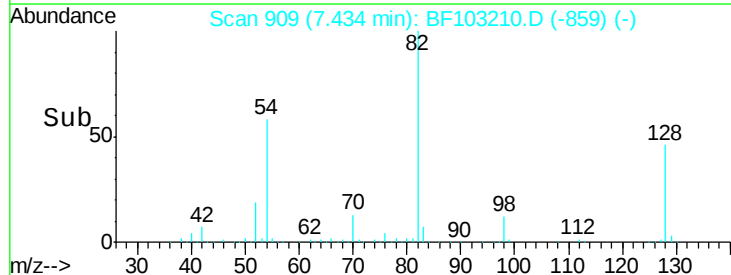


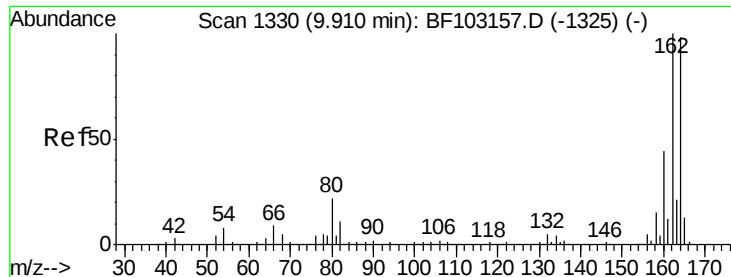
#23
Nitrobenzene-d5
Concen: 56.568 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Tgt Ion: 82	Resp:	669608
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.1 54.1
54	58.0	41.4 62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Instrument :

BNA_F

ClientSampleId :

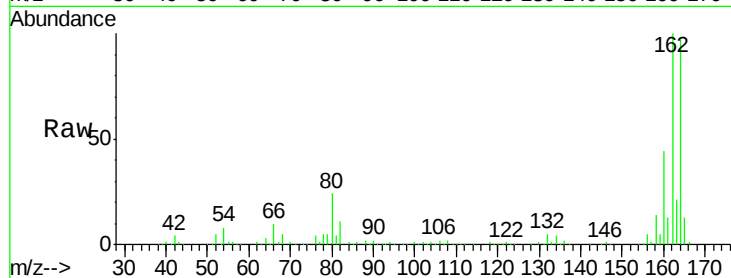
Tot Ion:164 Resp: 293708

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

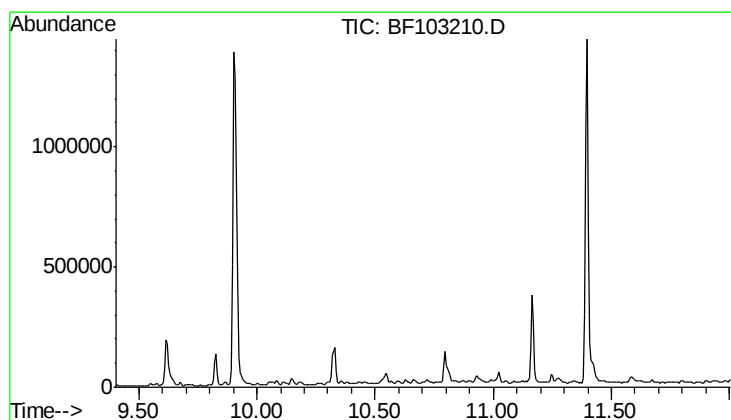
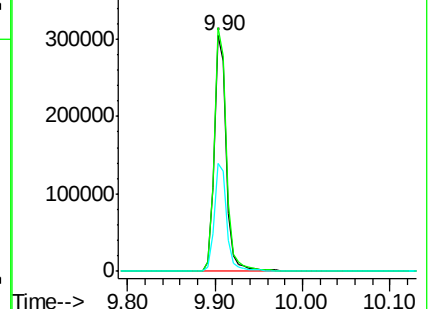
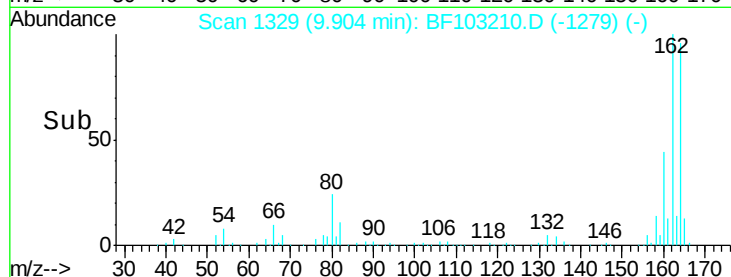
160 45.7 38.3 57.5



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: 0.000 ng

Expected RT: 10.70 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

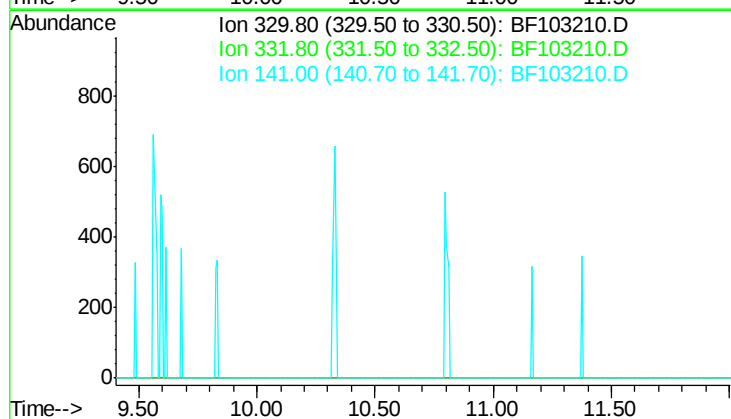
Tgt Ion: 330

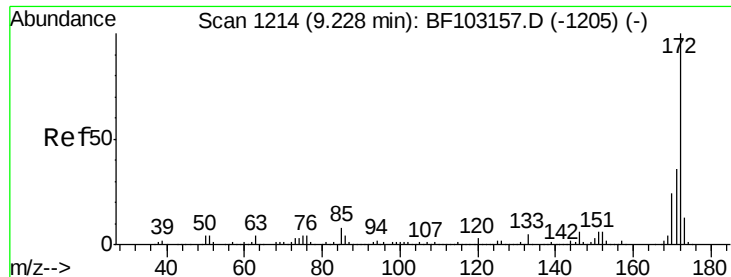
Sig Exp Ratio

330 100

332 96.3

141 37.4

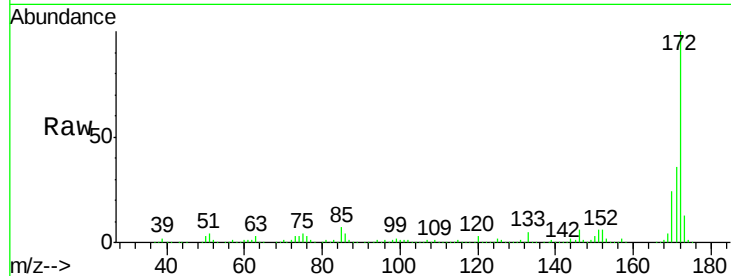




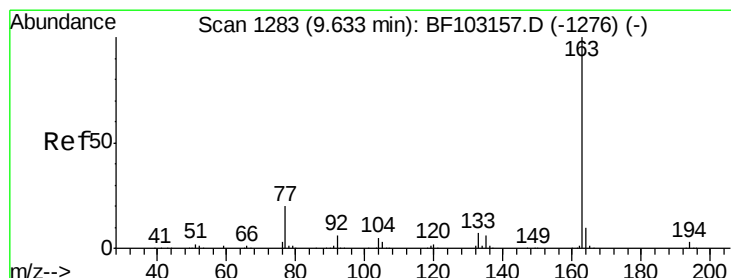
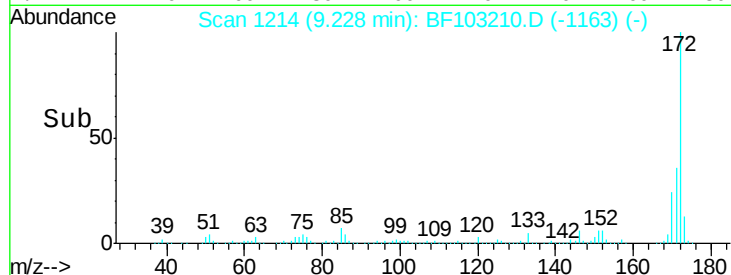
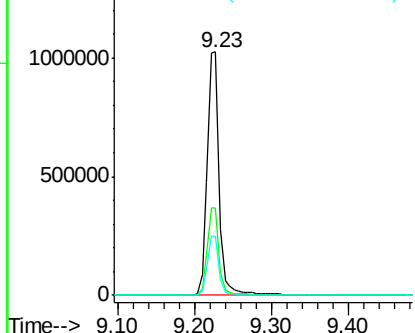
#44
2-Fluorobiphenyl
Concen: 60.713 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1109866
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.5 19.6 29.4

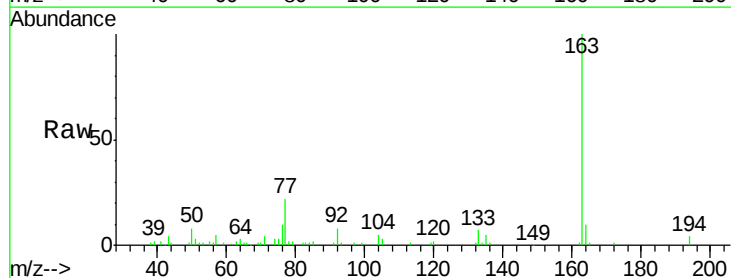


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

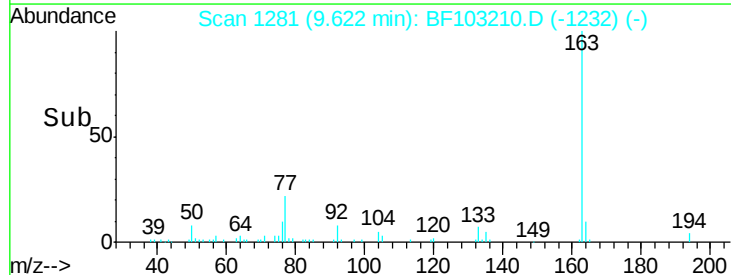
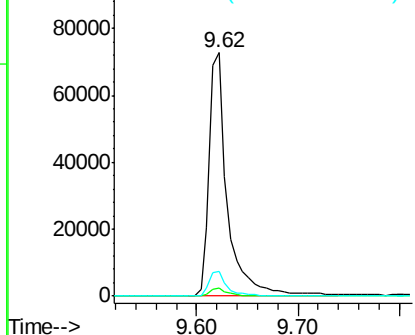


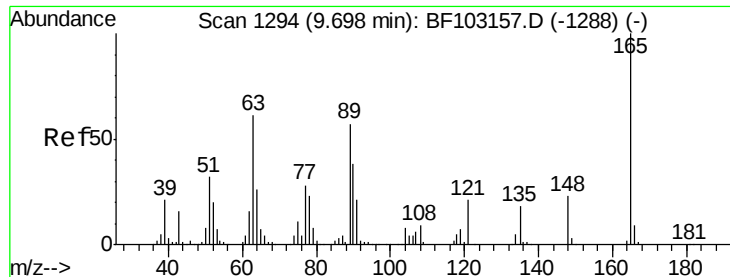
#49
Dimethylphthalate
Concen: 3.904 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Tgt Ion:163 Resp: 91990
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 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

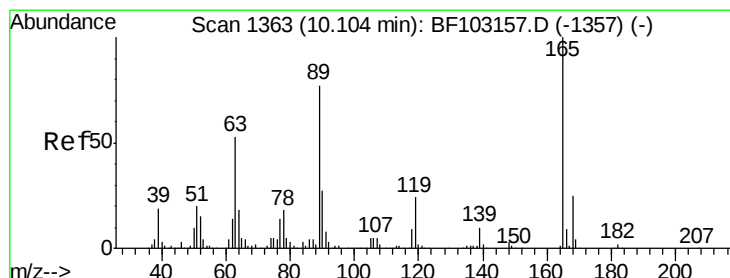
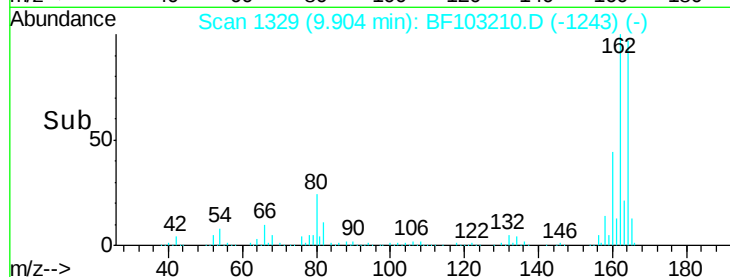
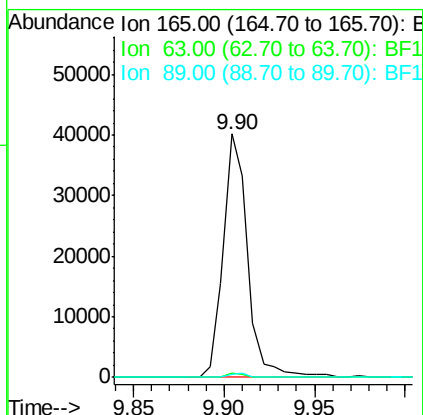
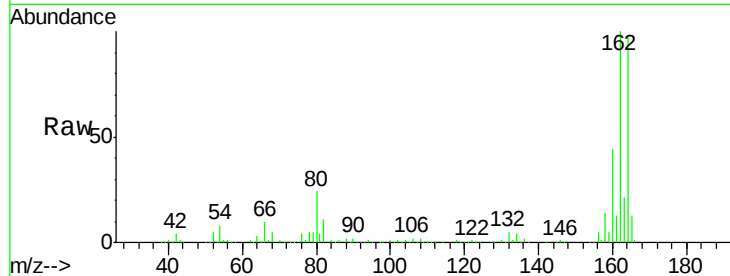




#50
 2,6-Dinitrotoluene
 Concen: 7.600 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF103210.D
 Acq: 26 Feb 2018 11:27

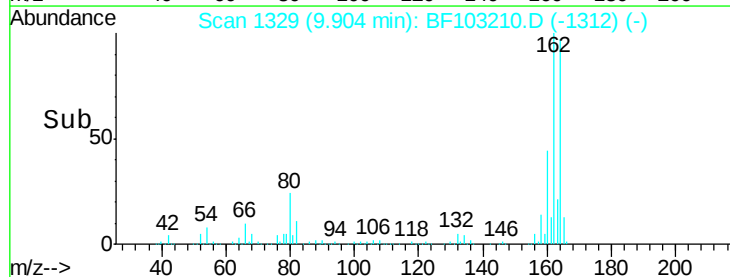
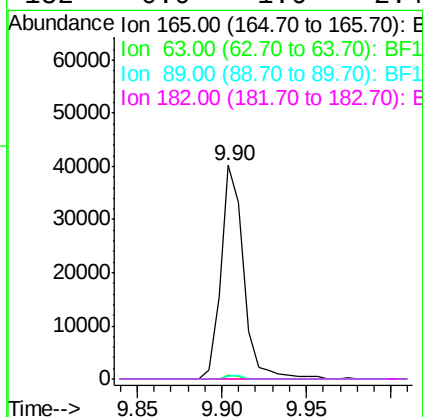
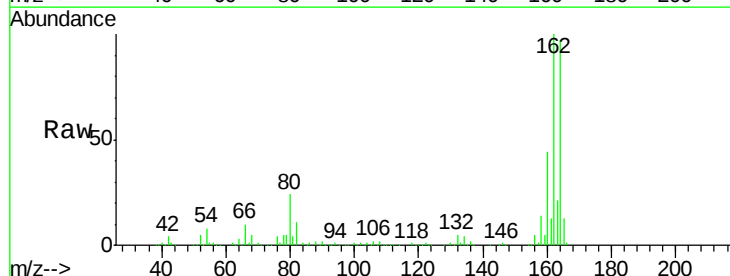
Instrument :
 BNA_F
 ClientSampleId :

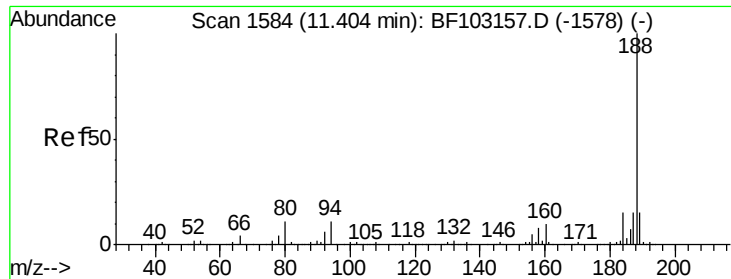
Tot Ion	165	Resp	37579
Ion Ratio	Lower	Upper	
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.008 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.20 min
 Lab File: BF103210.D
 Acq: 26 Feb 2018 11:27

Tgt Ion	165	Resp	37572
Ion Ratio	Lower	Upper	
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

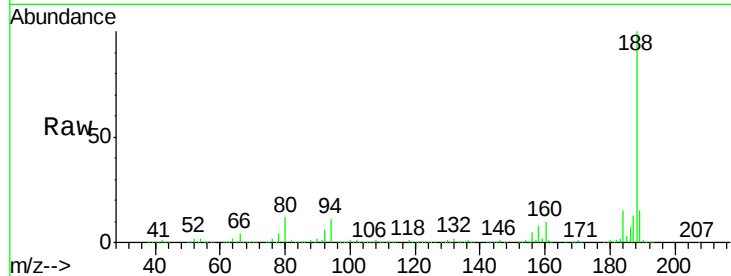




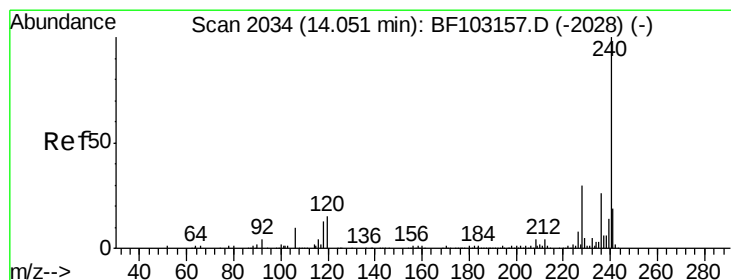
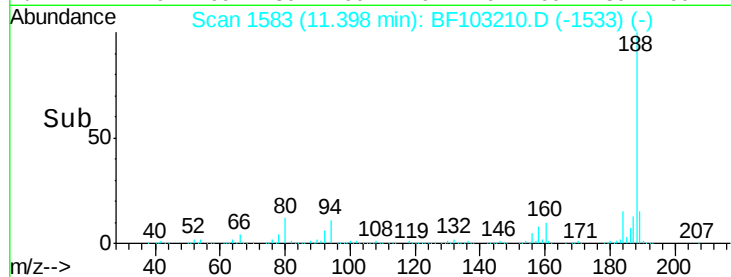
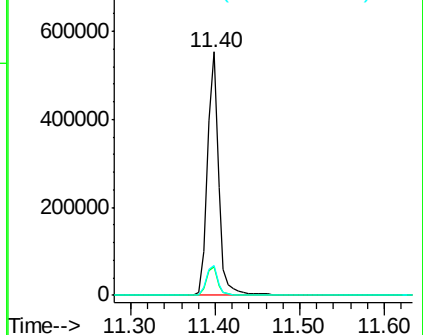
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 513356
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 9.2 13.8

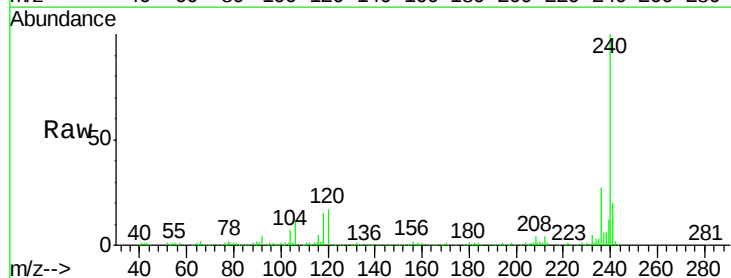


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

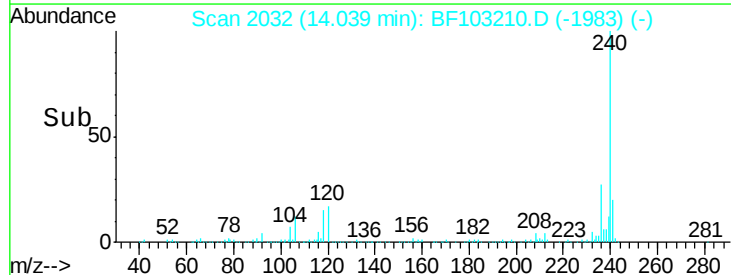
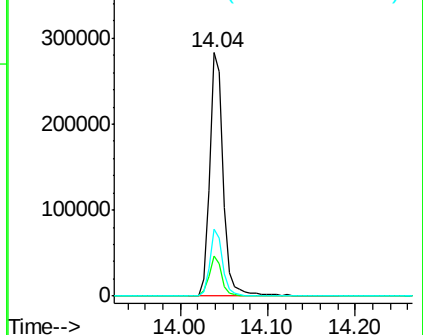


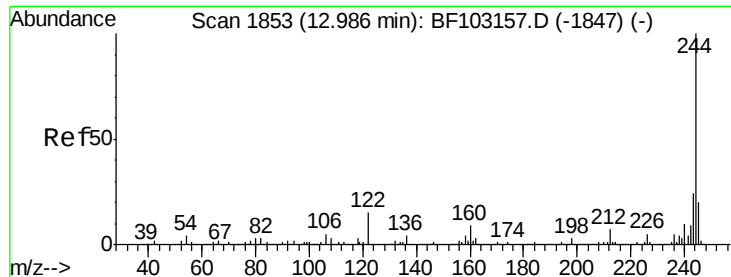
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Tgt Ion:240 Resp: 304759
Ion Ratio Lower Upper
240 100
120 16.7 9.5 14.3#
236 27.5 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





#78

Terphenyl-d14

Concen: 72.151 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Instrument :

BNA_F

ClientSampleId :

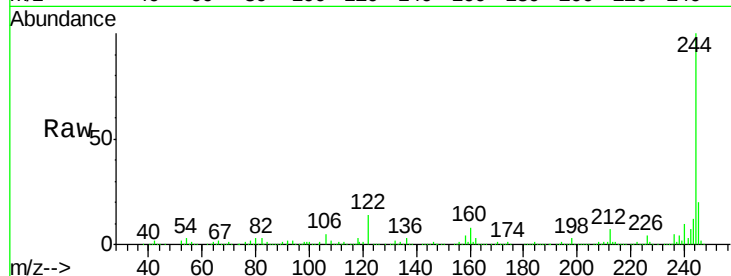
Tot Ion:244 Resp: 914717

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

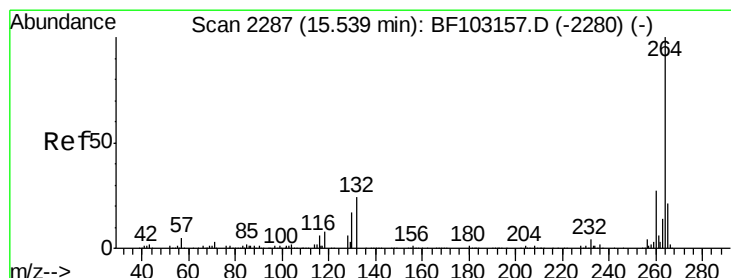
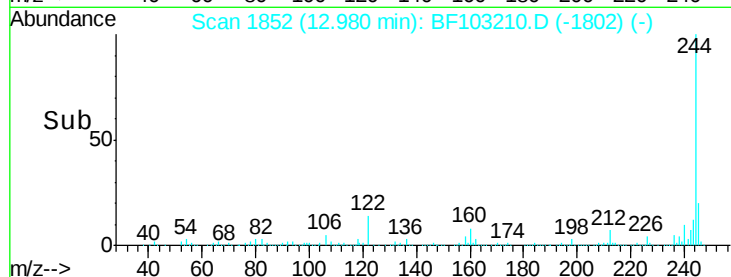
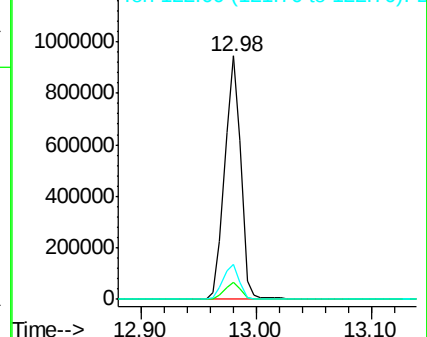
122 14.5 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

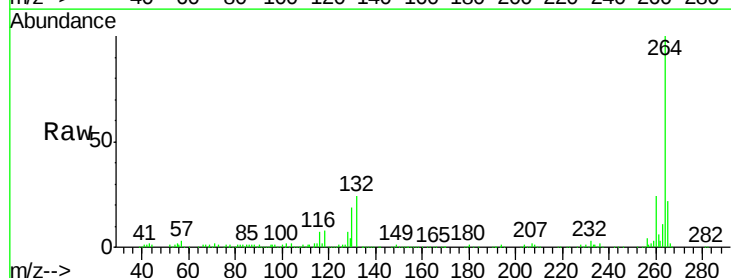
Tgt Ion:264 Resp: 288638

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 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

