

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103633.D
 Acq On : 14 Mar 2018 6:22
 Operator : SJ/JU
 Sample : J1895-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 14 11:28:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

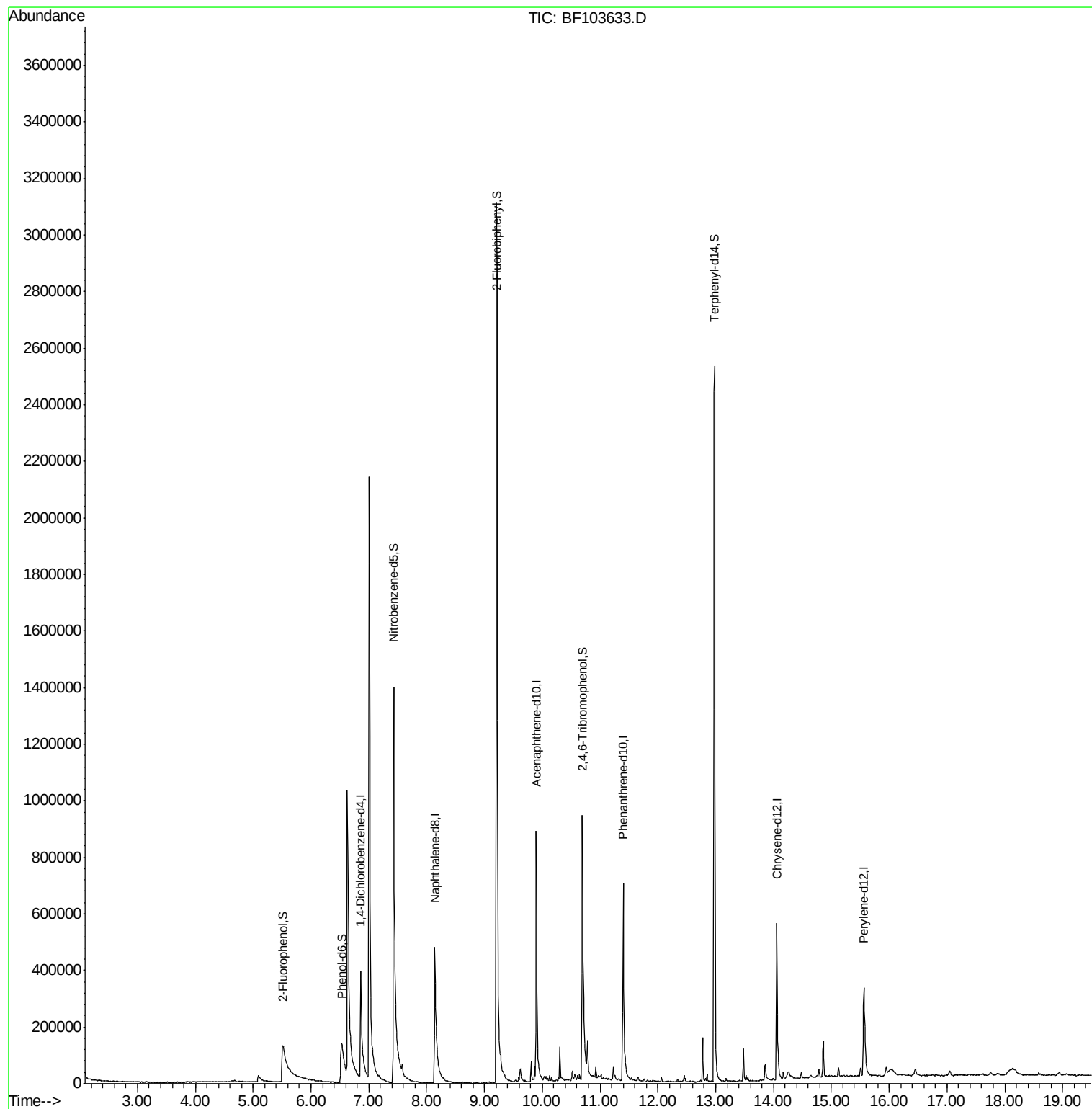
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127462	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	571999	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	253373	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	445976	20.00	ng	0.00
75) Chrysene-d12	14.06	240	260385	20.00	ng	0.00
86) Perylene-d12	15.56	264	232884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	250496	29.72	ng	0.02
7) Phenol-d6	6.53	99	244461	23.71	ng	0.02
23) Nitrobenzene-d5	7.43	82	931075	92.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	160372	74.78	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1405728	99.48	ng	-0.01
78) Terphenyl-d14	12.98	244	1024831	94.61	ng	0.00

Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

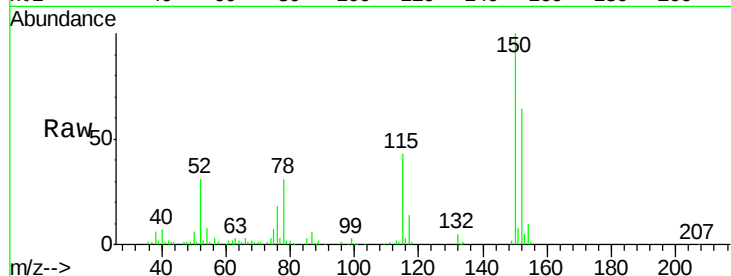
Tot Ion:152 Resp: 127462

Ion Ratio Lower Upper

152 100

150 155.8 124.6 186.8

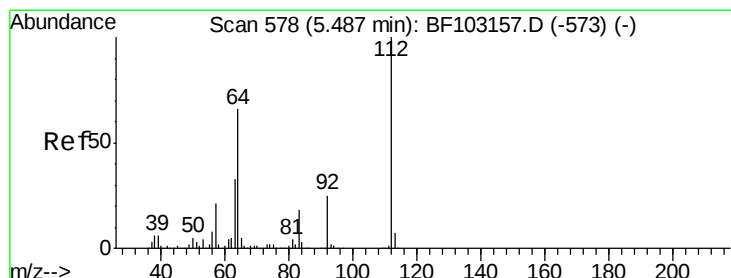
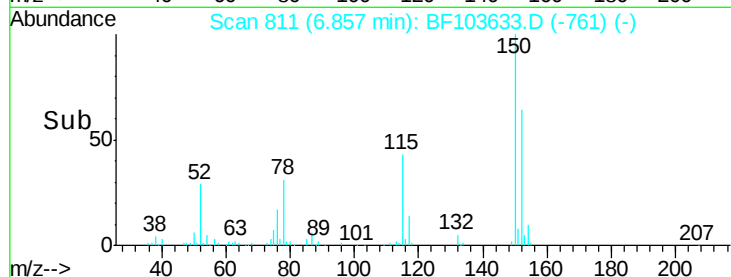
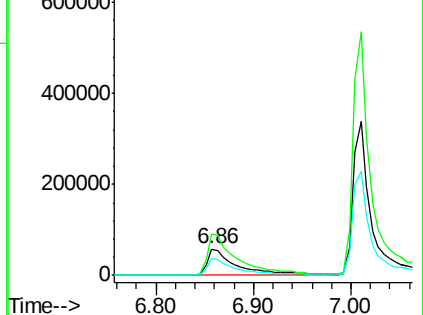
115 66.4 50.1 75.1



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: 29.723 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

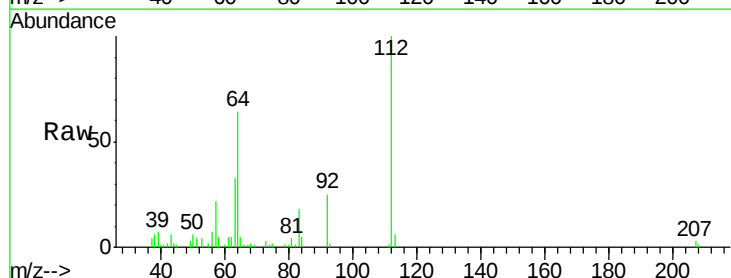
Tgt Ion:112 Resp: 250496

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

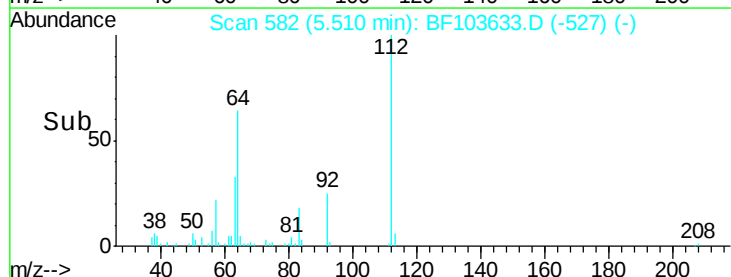
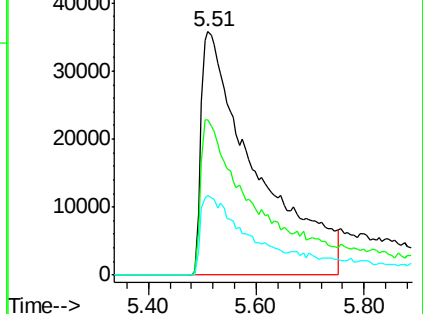
63 32.6 23.7 35.5

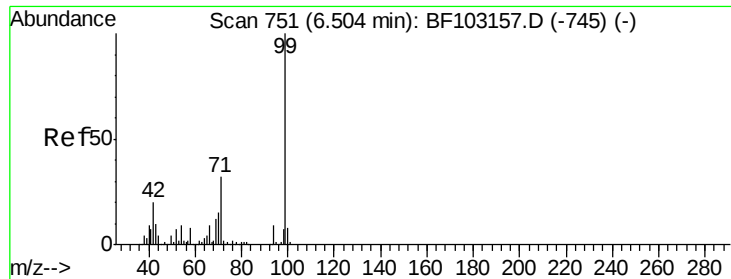


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.705 ng

RT: 6.53 min Scan# 755

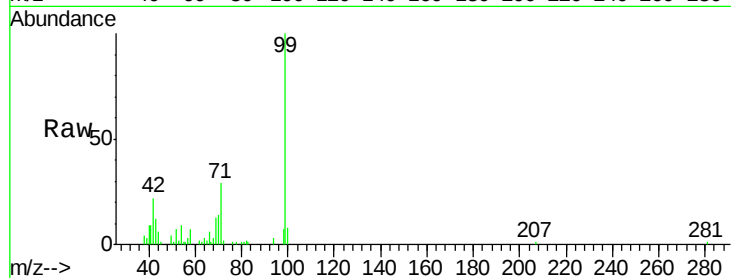
Delta R.T. 0.02 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

Tot Ion: 99 Resp: 244461

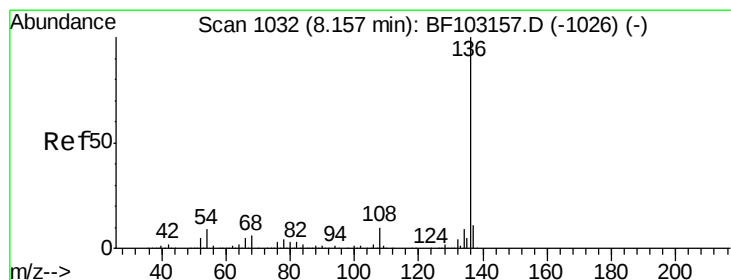
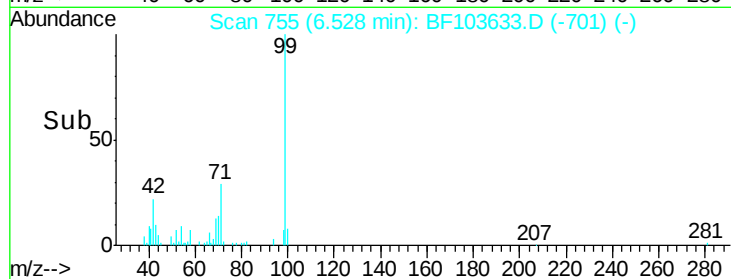
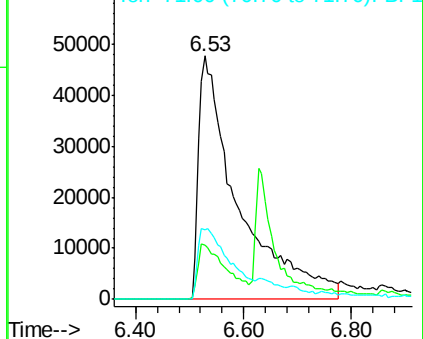
Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	28.6	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

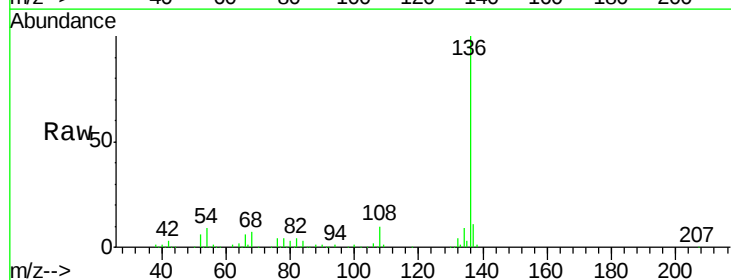
Delta R.T. -0.01 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

Tgt Ion: 136 Resp: 571999

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.5	6.6	9.8
68	6.7	5.0	7.4

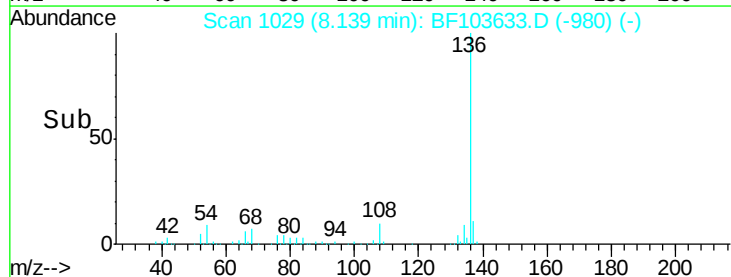
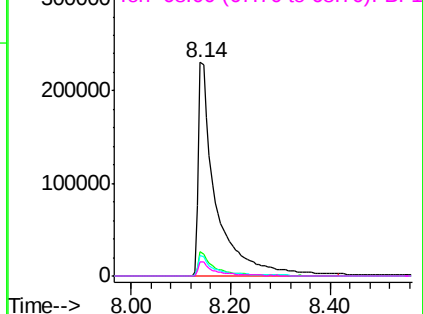


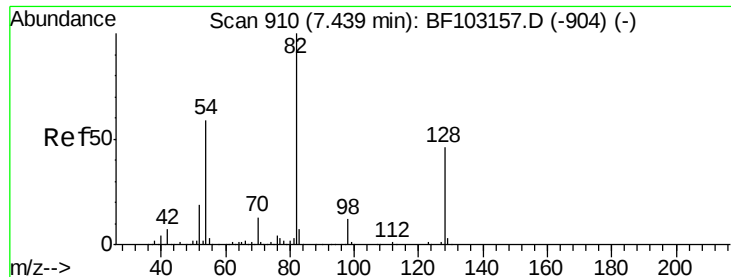
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

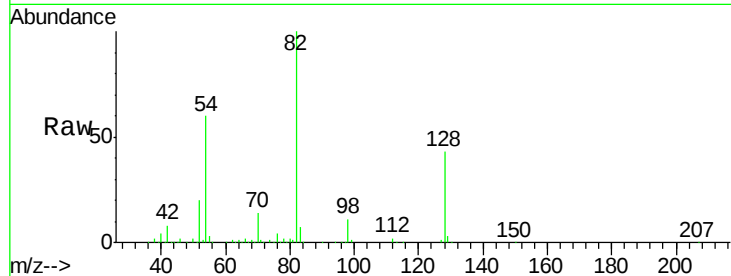
Ion 68.00 (67.70 to 68.70): BF1



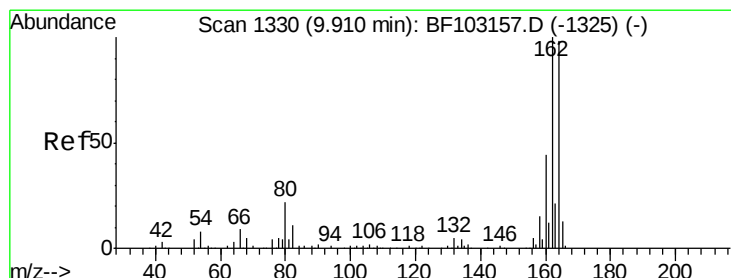
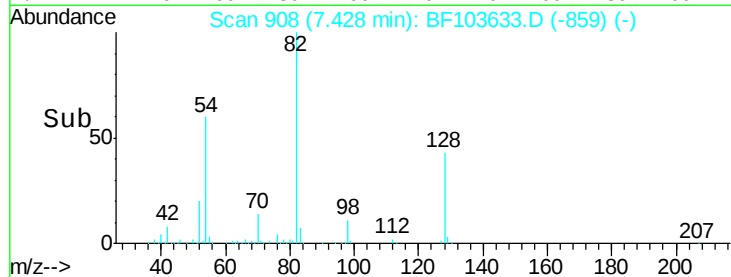
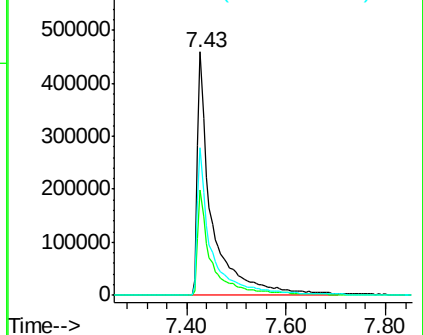


#23
Nitrobenzene-d5
Concen: 92.959 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

Tot Ion: 82 Resp: 931075
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 60.4 41.4 62.2

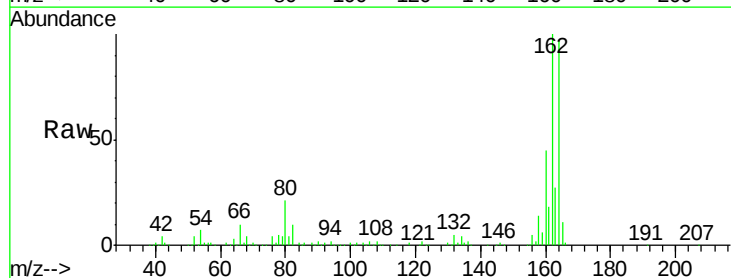


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

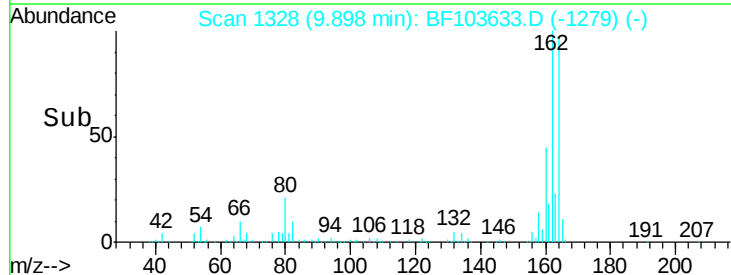
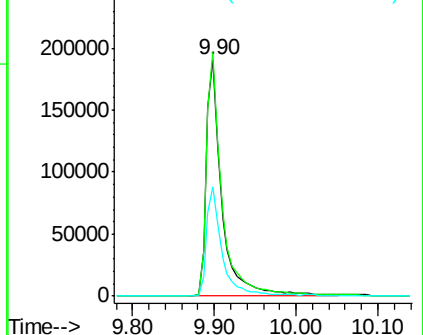


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

Tgt Ion:164 Resp: 253373
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 46.2 38.3 57.5



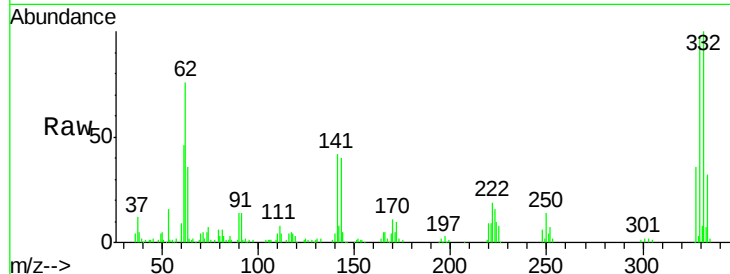
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



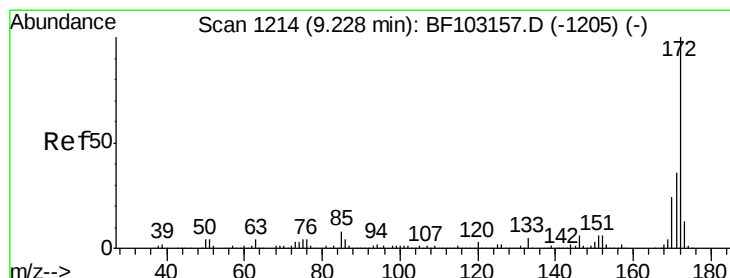
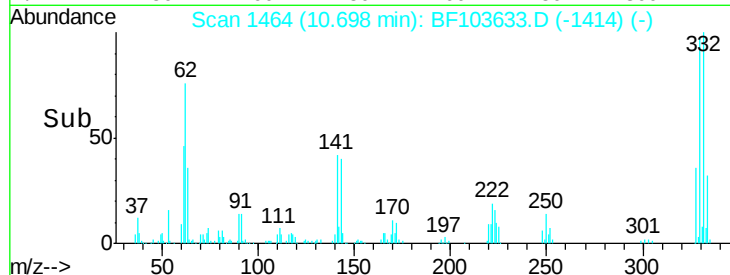
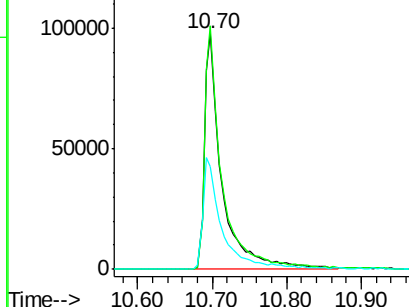


#41
 2,4,6-Tribromophenol
 Concen: 74.777 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	52.1	29.9	44.9

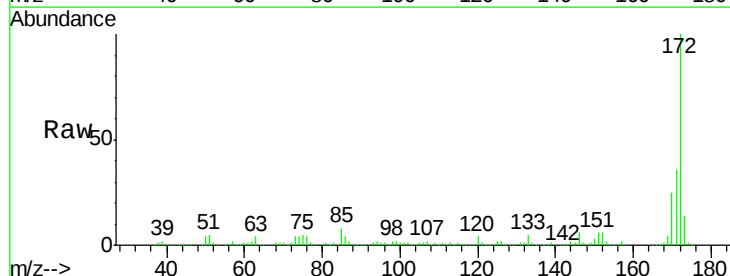


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

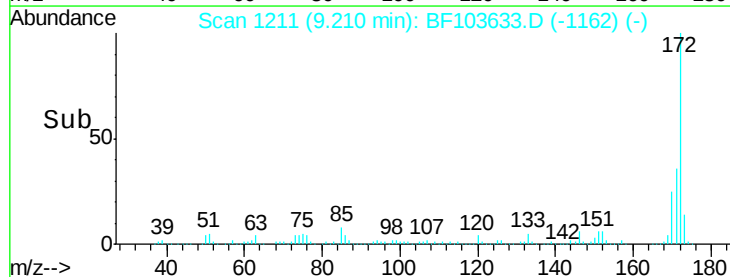
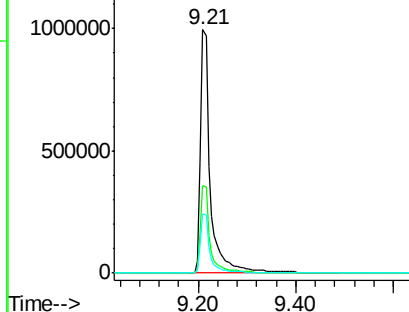


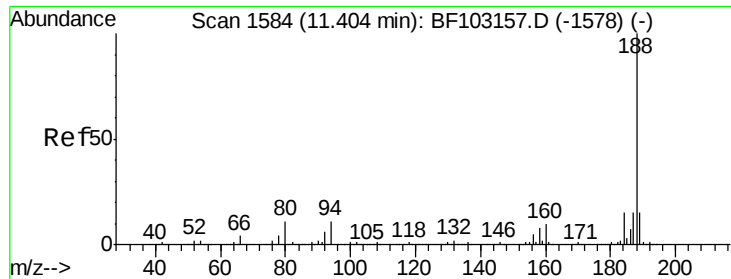
#44
 2-Fluorobiphenyl
 Concen: 99.485 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4



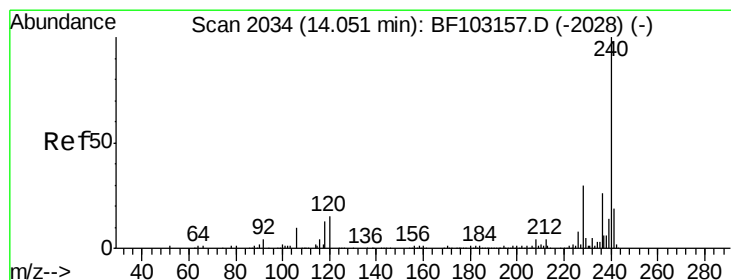
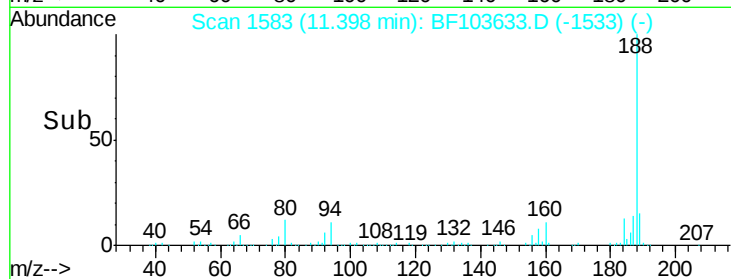
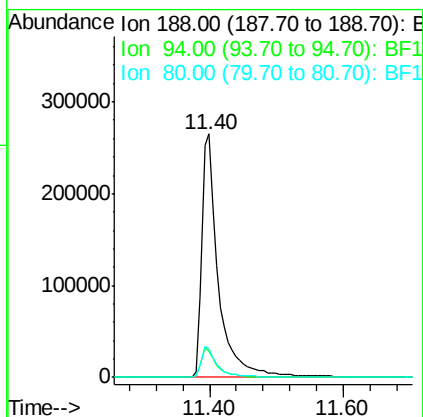
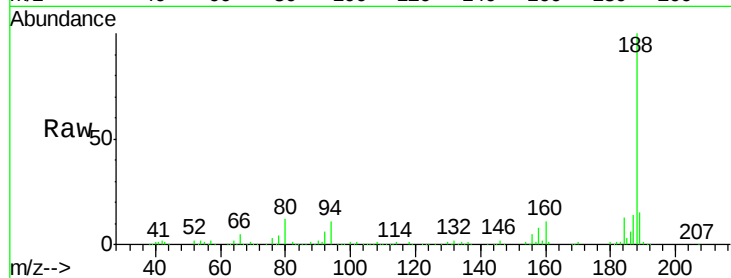
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





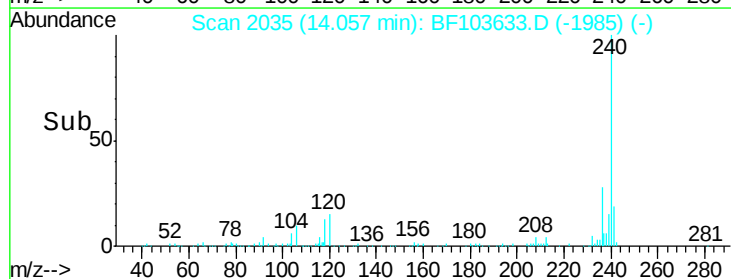
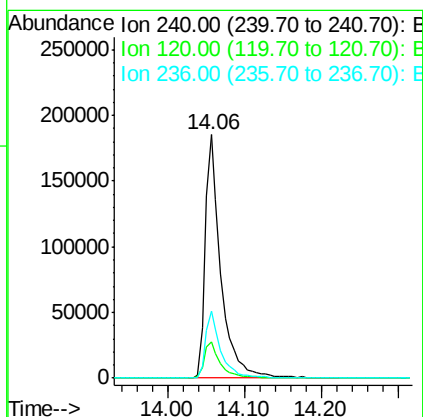
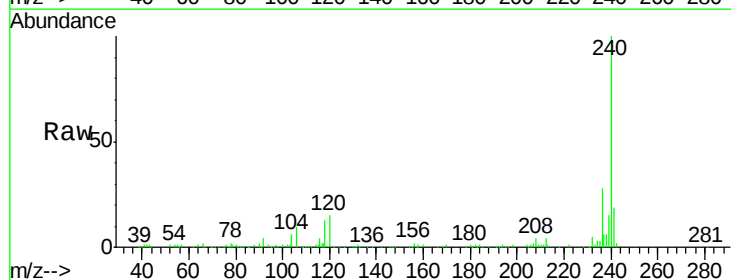
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

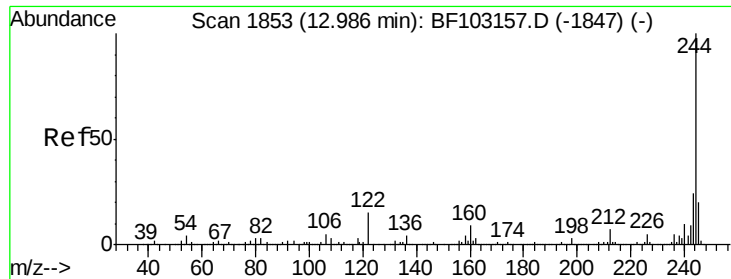
Tot Ion:188 Resp: 445976
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

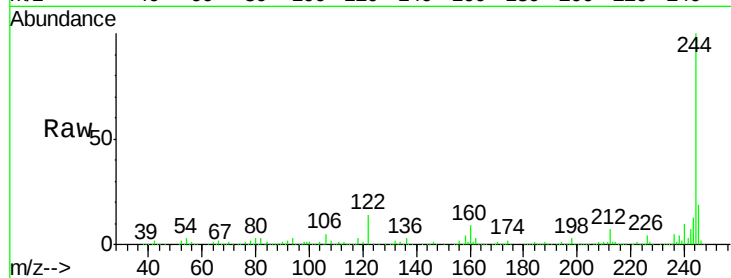
Tgt Ion:240 Resp: 260385
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 27.6 20.7 31.1



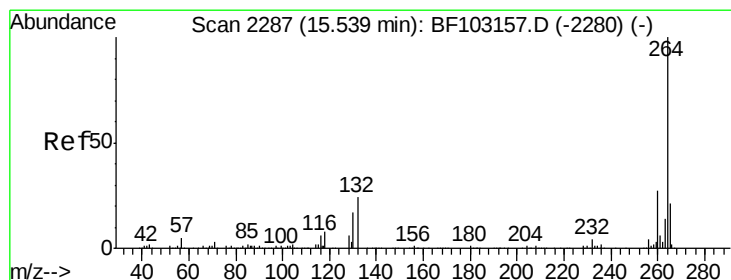
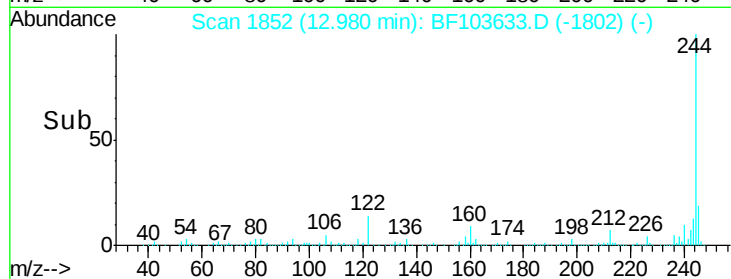
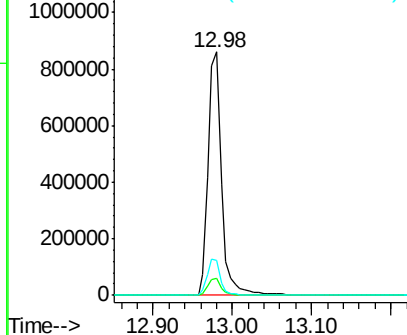


#78
 Terphenyl-d14
 Concen: 94.612 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

Tot Ion:244 Resp: 1024831
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.1 11.0 16.4

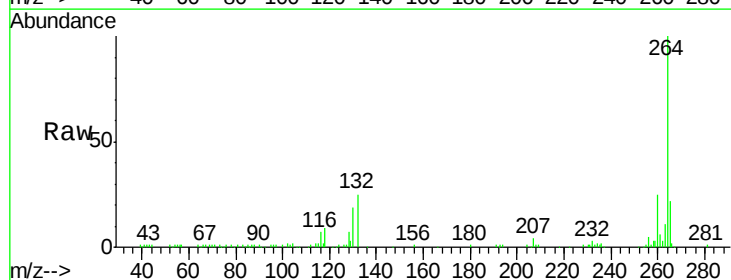


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

Tgt Ion:264 Resp: 232884
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.2 28.8
 265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

