

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103635.D
 Acq On : 14 Mar 2018 7:15
 Operator : SJ/JU
 Sample : J1895-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 14 11:32:47 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

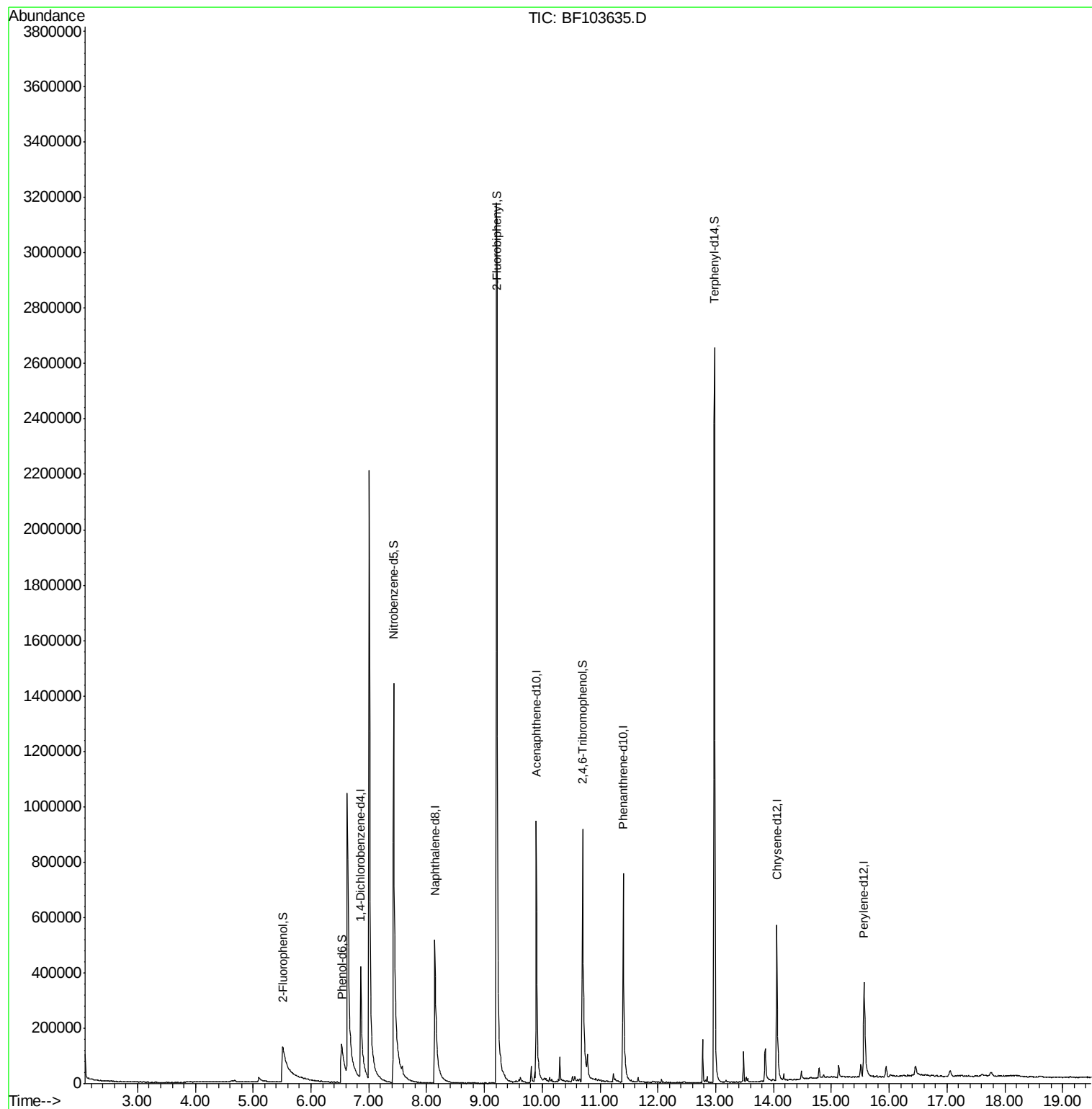
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137551	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	609492	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	270551	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	480296	20.00	ng	0.00
75) Chrysene-d12	14.06	240	269845	20.00	ng	0.00
86) Perylene-d12	15.57	264	242038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	244933	26.93	ng	0.02
7) Phenol-d6	6.53	99	239696	21.54	ng	0.02
23) Nitrobenzene-d5	7.43	82	960559	90.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	159673	69.72	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1433481	93.42	ng	-0.01
78) Terphenyl-d14	12.98	244	1018679	90.75	ng	0.00

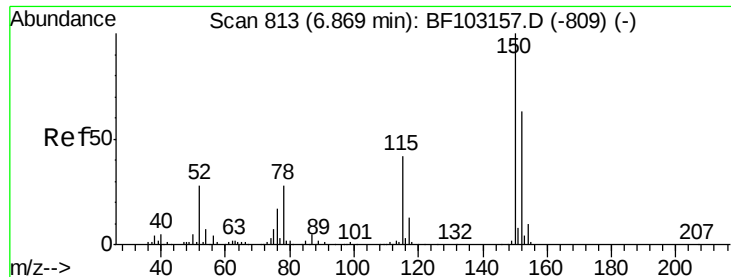
Target Compounds Qvalue

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

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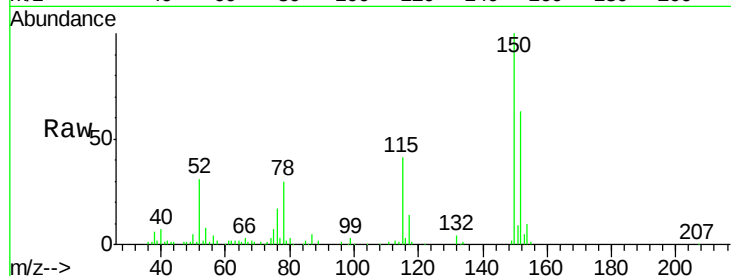




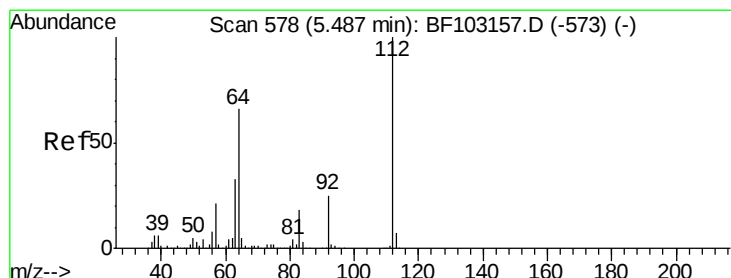
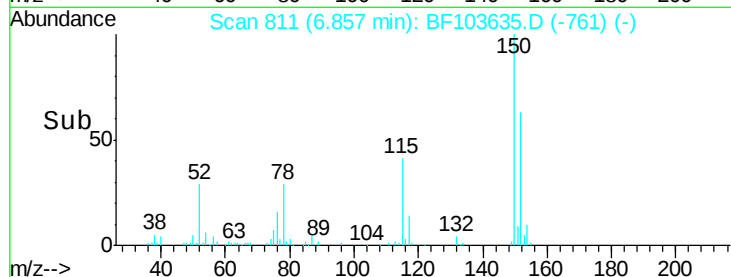
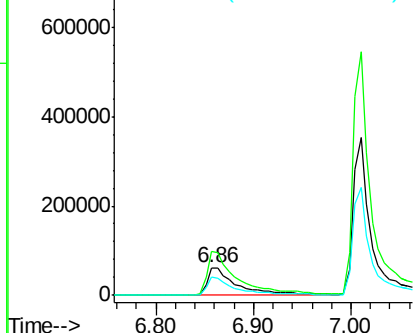
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103635.D
Acq: 14 Mar 2018 7:15

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	65.4	50.1	75.1



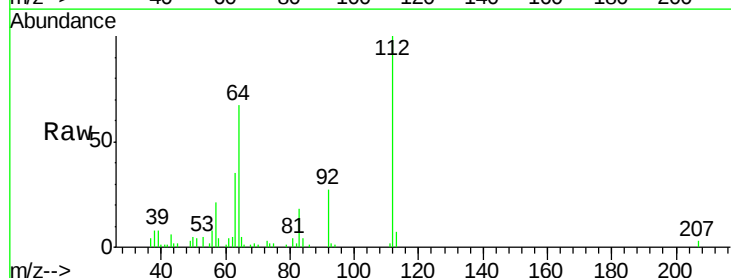
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



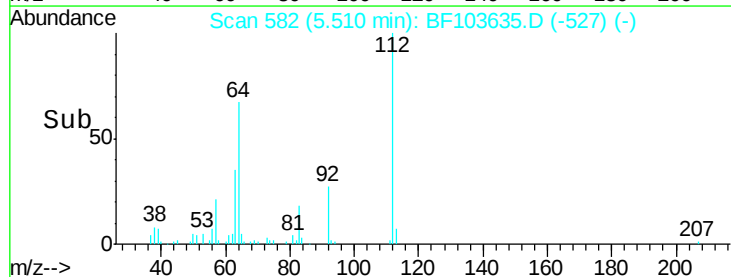
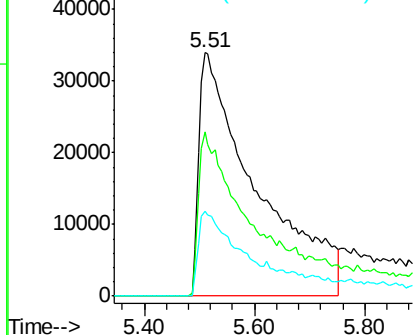
#5

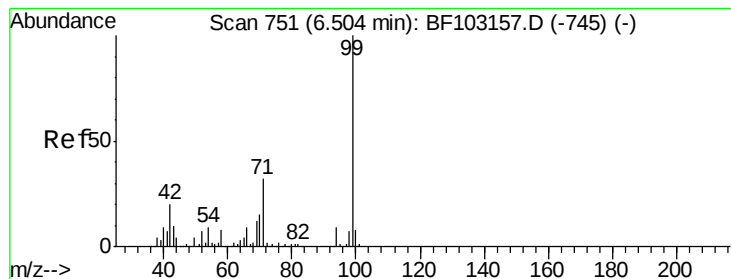
2-Fluorophenol
Concen: 26.931 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103635.D
Acq: 14 Mar 2018 7:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	34.8	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: 21.538 ng

RT: 6.53 min Scan# 755

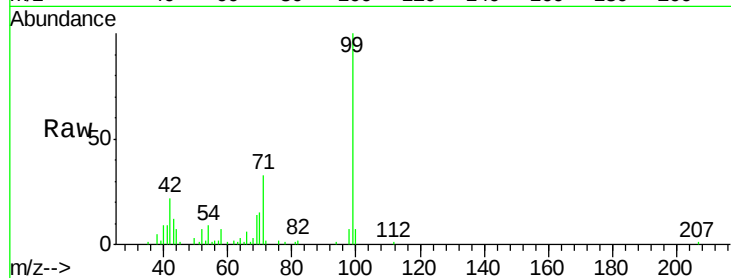
Delta R.T. 0.02 min

Lab File: BF103635.D

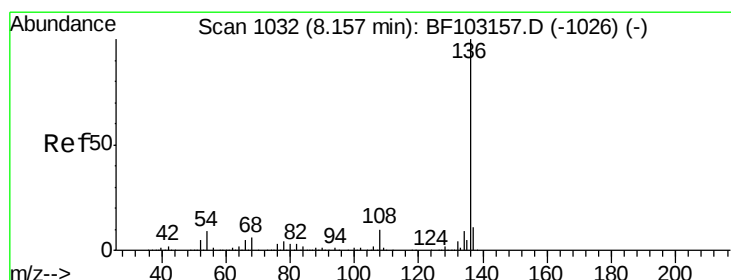
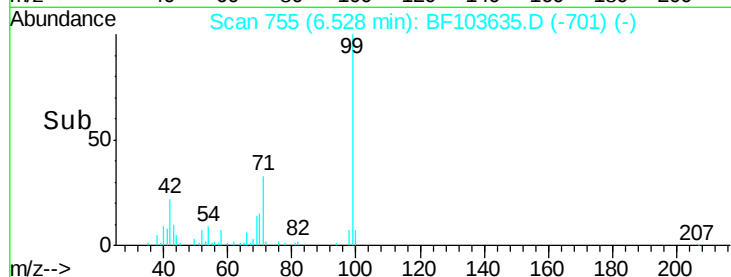
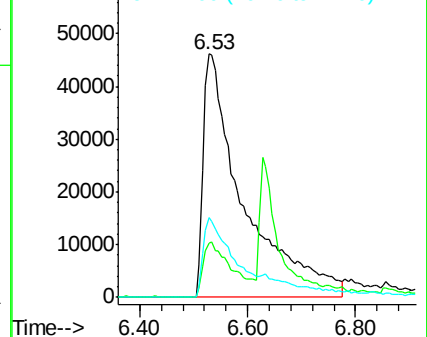
Acq: 14 Mar 2018 7:15

Tot Ion: 99 Resp: 239696

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	32.7	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: 8.15 min Scan# 1030

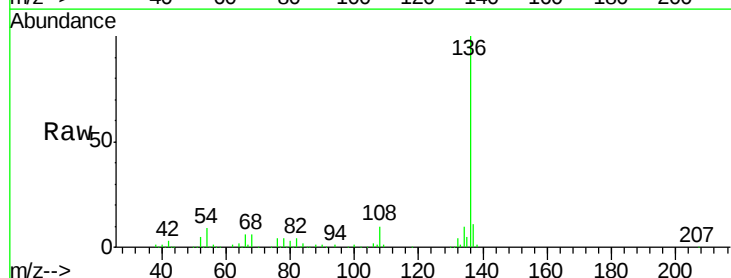
Delta R.T. -0.01 min

Lab File: BF103635.D

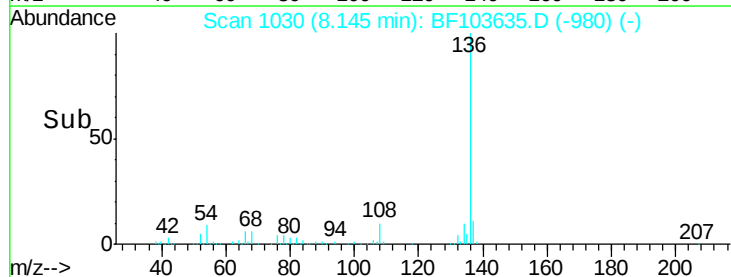
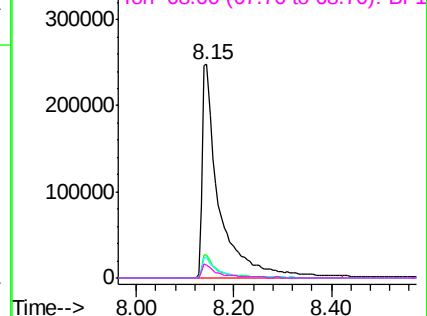
Acq: 14 Mar 2018 7:15

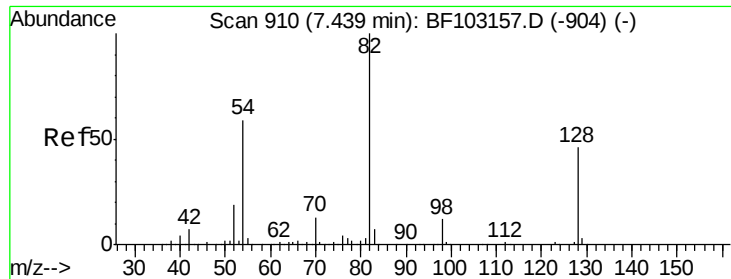
Tgt Ion: 136 Resp: 609492

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	6.3	5.0	7.4



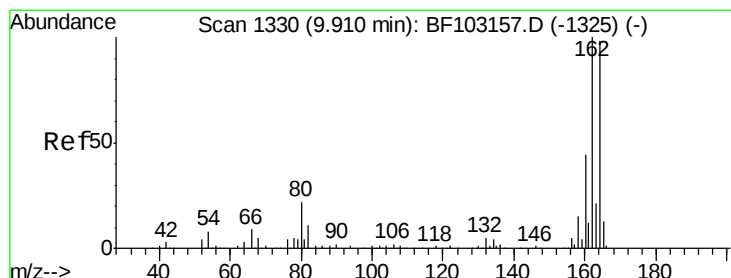
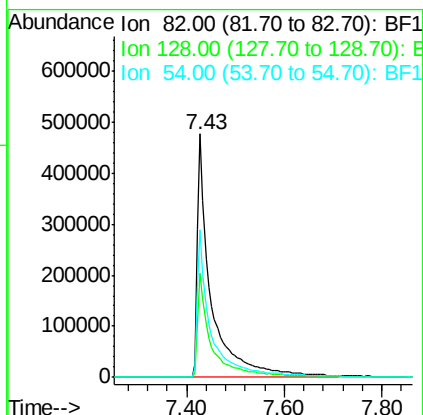
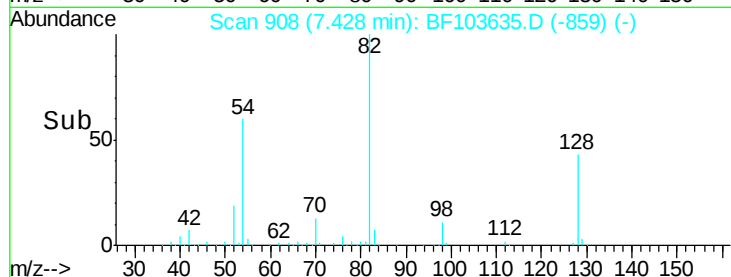
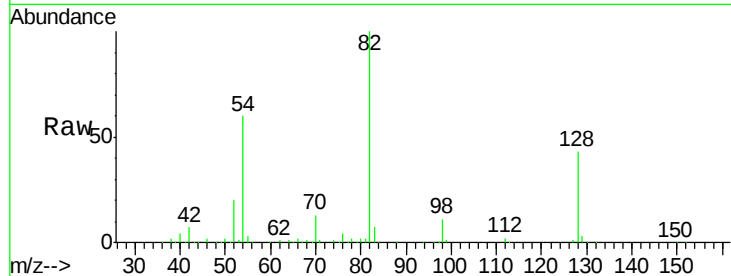
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





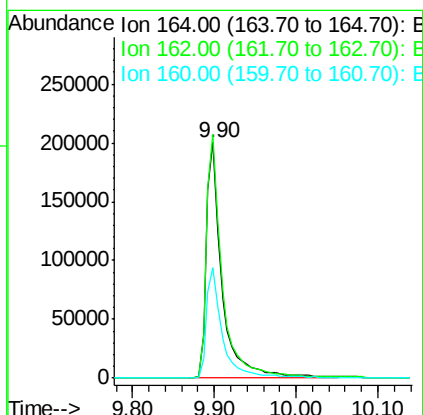
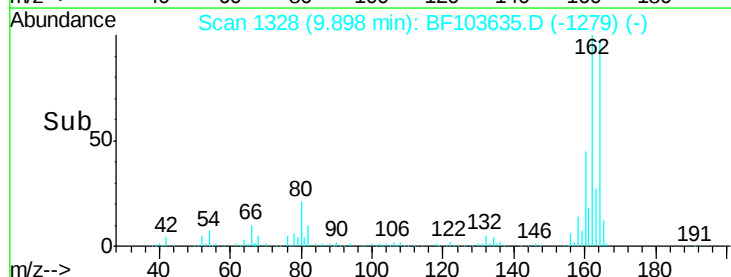
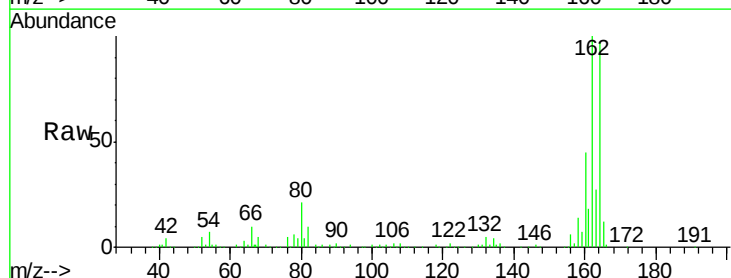
#23
Nitrobenzene-d5
Concen: 90.003 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103635.D
Acq: 14 Mar 2018 7:15

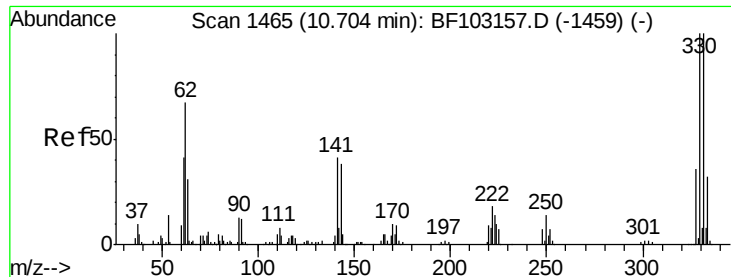
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	60.5	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103635.D
Acq: 14 Mar 2018 7:15

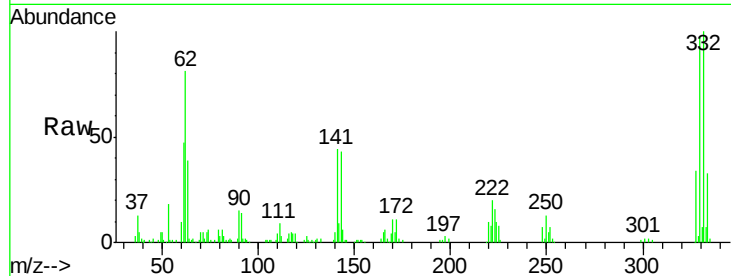
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.8	38.3	57.5



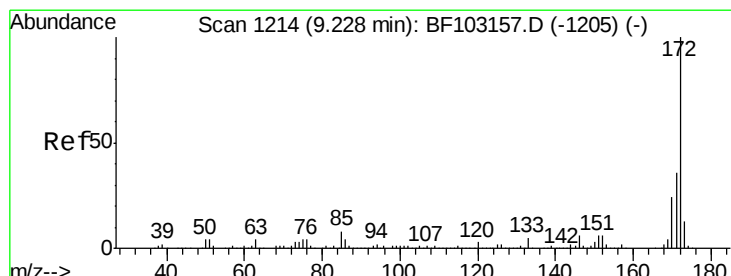
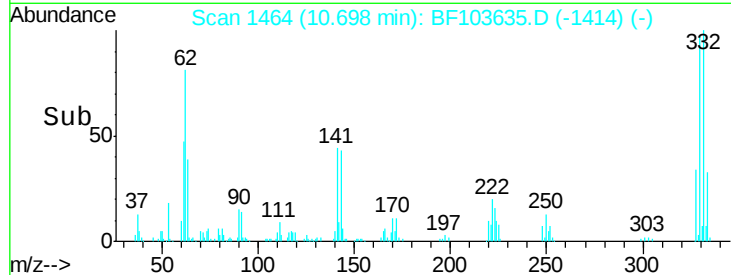
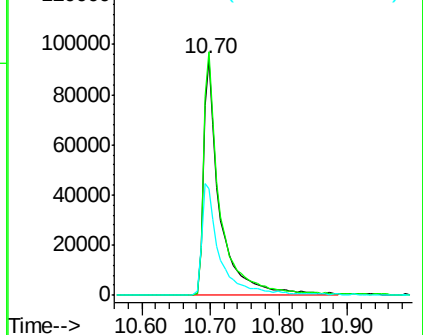


#41
 2,4,6-Tribromophenol
 Concen: 69.724 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tot Ion:330 Resp: 159673
 Ion Ratio Lower Upper
 330 100
 332 103.0 77.0 115.6
 141 51.4 29.9 44.9#

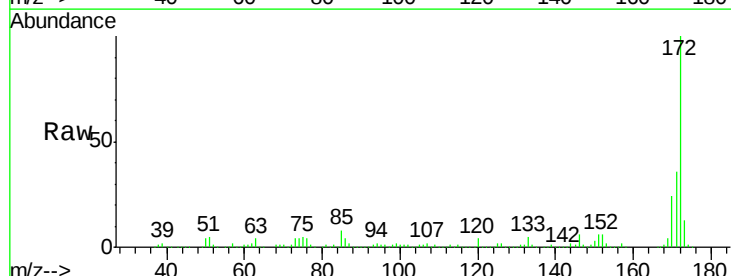


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

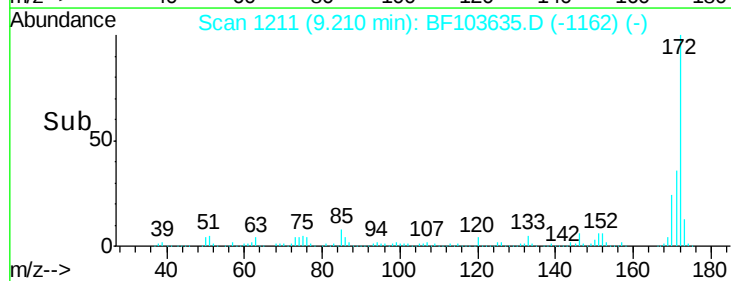
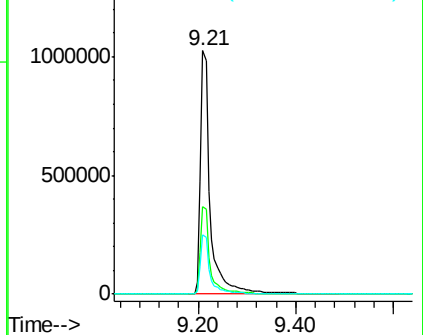


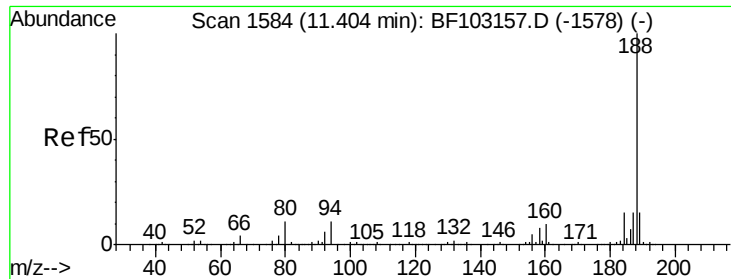
#44
 2-Fluorobiphenyl
 Concen: 93.421 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion:172 Resp: 1433481
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 19.6 29.4



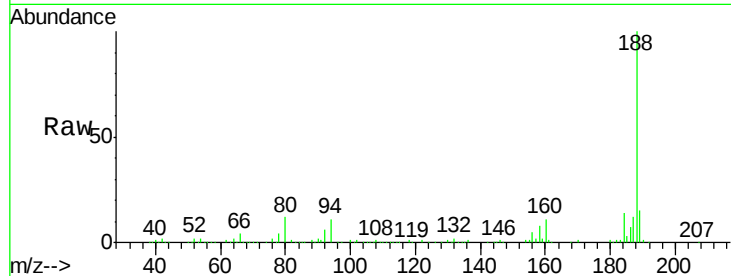
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103635.D
Acq: 14 Mar 2018 7:15

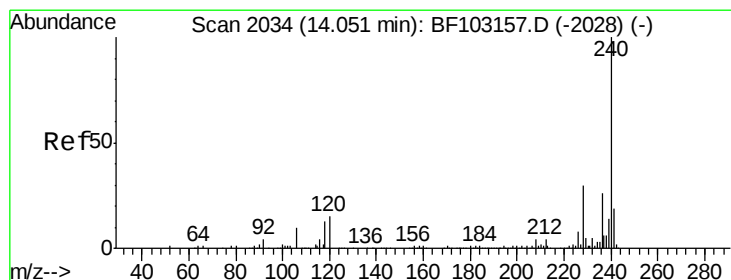
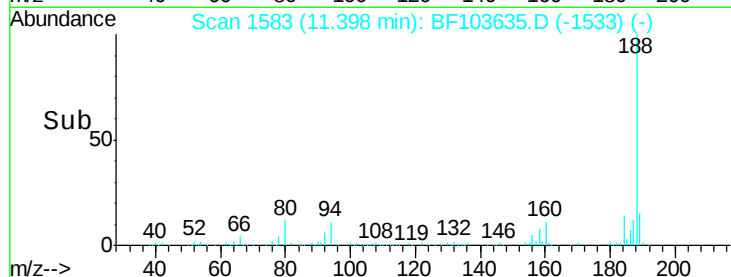
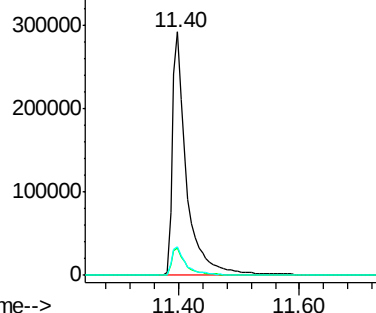
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

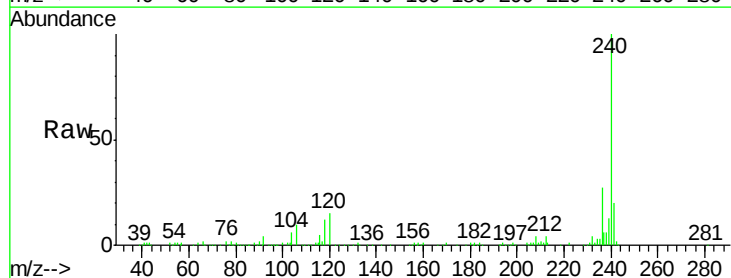
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103635.D
Acq: 14 Mar 2018 7:15

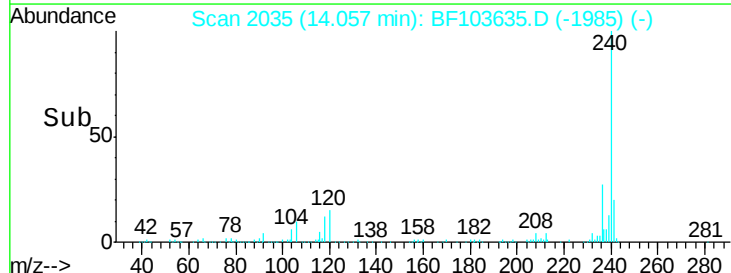
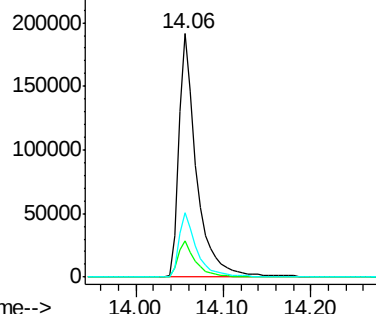
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.6	20.7	31.1

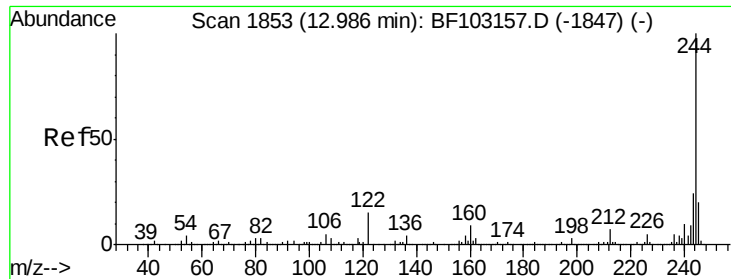


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

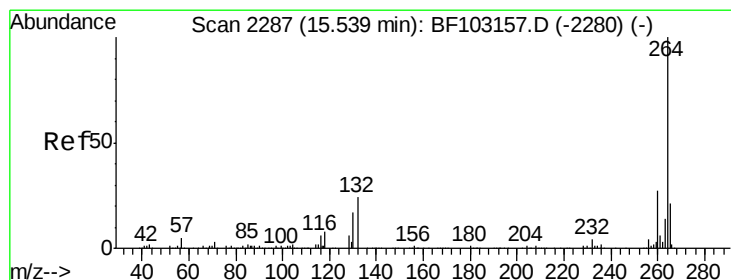
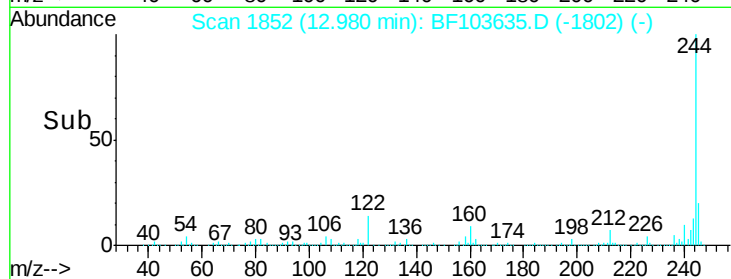
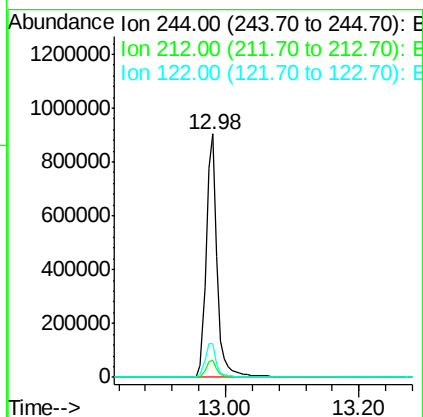
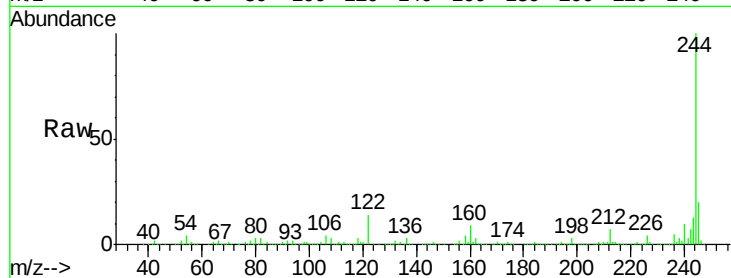
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 90.747 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tot Ion:244 Resp: 1018679
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103635.D
 Acq: 14 Mar 2018 7:15

Tgt Ion:264 Resp: 242038
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.5 17.5 26.3

