

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103616.D
 Acq On : 13 Mar 2018 20:36
 Operator : SJ/JU
 Sample : J1898-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

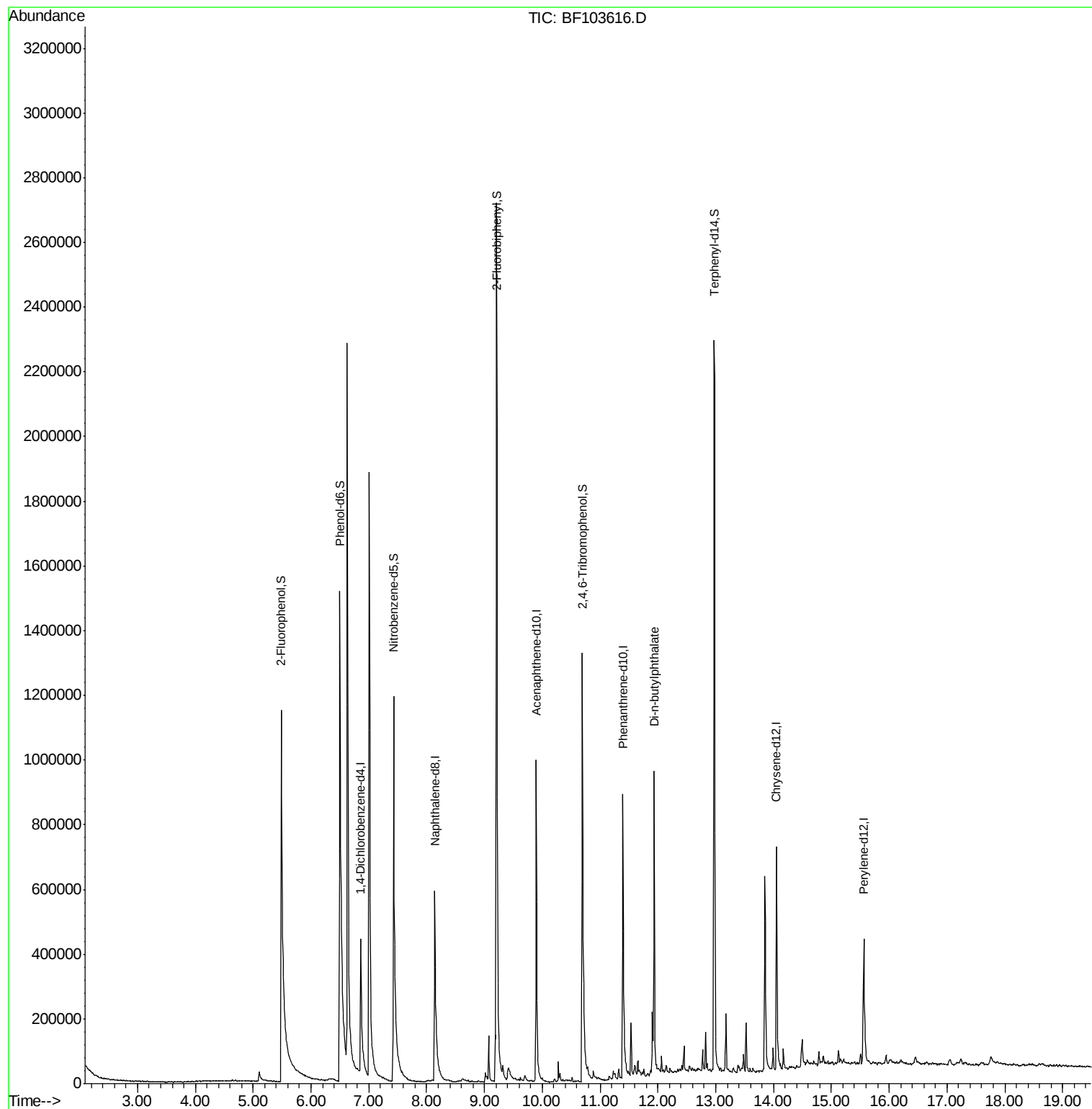
Quant Time: Mar 13 22:52:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126859	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	556027	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	252335	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	451614	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	287798	20.00	ng	-0.01
86) Perylene-d12	15.56	264	238495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	844870	100.73	ng	0.00
7) Phenol-d6	6.50	99	1087820	105.99	ng	-0.01
23) Nitrobenzene-d5	7.43	82	765897	78.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	197074	92.27	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1085045	71.25	ng	-0.01
78) Terphenyl-d14	12.97	244	840845	70.23	ng	-0.01
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.93	149	498241	15.689	ng	98

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

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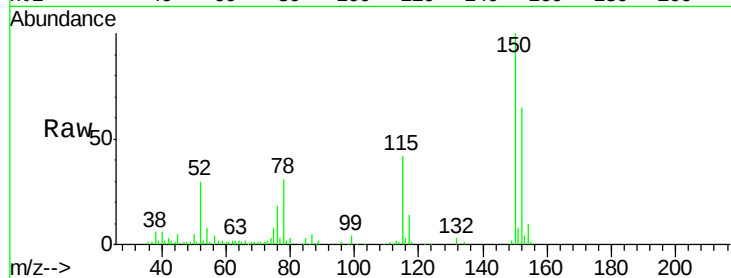




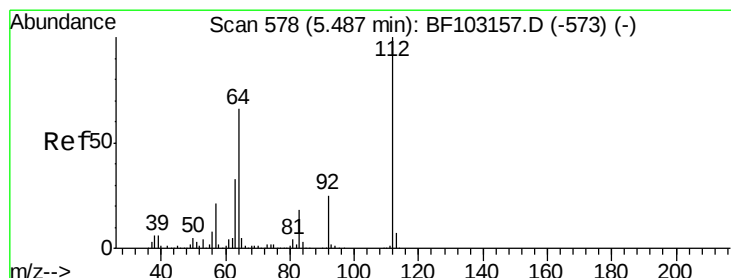
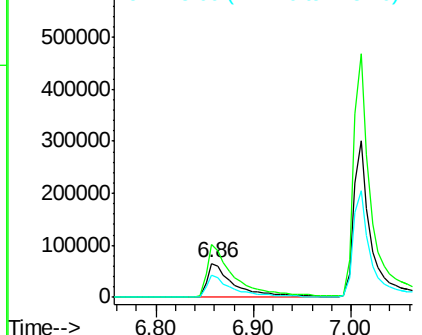
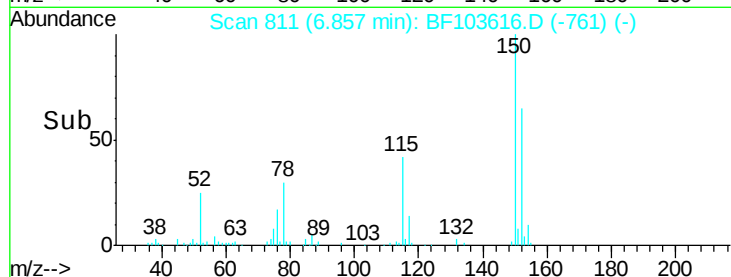
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103616.D
Acq: 13 Mar 2018 20:36

Tot Ion	152	Resp	126859
Ion Ratio	100	Lower	Upper
150	152.7	124.6	186.8
115	63.7	50.1	75.1



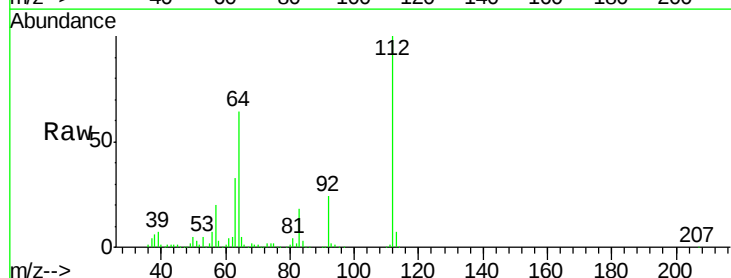
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



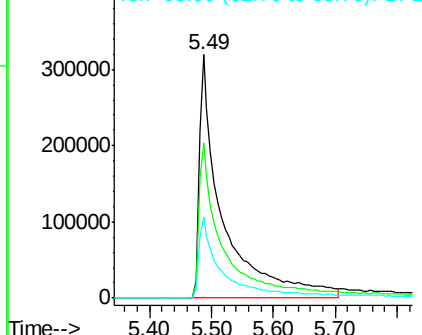
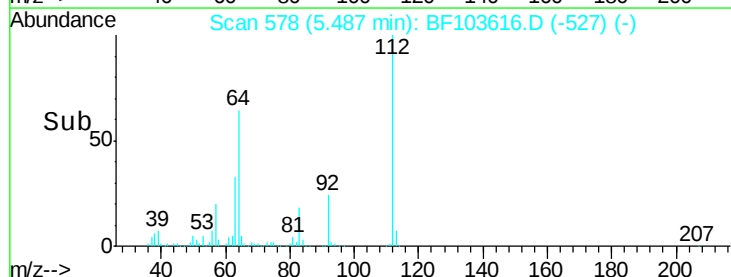
#5

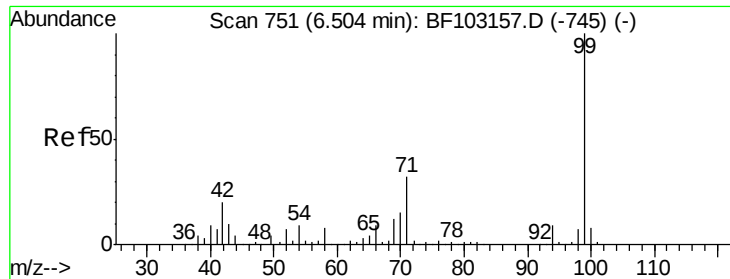
2-Fluorophenol
Concen: 100.726 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103616.D
Acq: 13 Mar 2018 20:36

Tgt Ion	112	Resp	844870
Ion Ratio	100	Lower	Upper
64	63.6	47.9	71.9
63	33.2	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: 105.987 ng

RT: 6.50 min Scan# 750

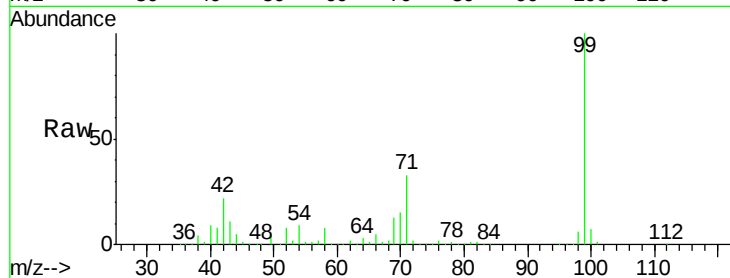
Delta R.T. -0.01 min

Lab File: BF103616.D

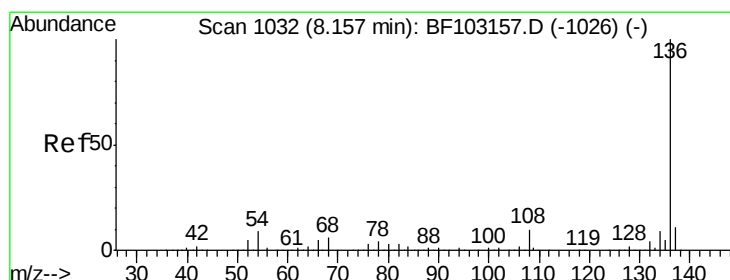
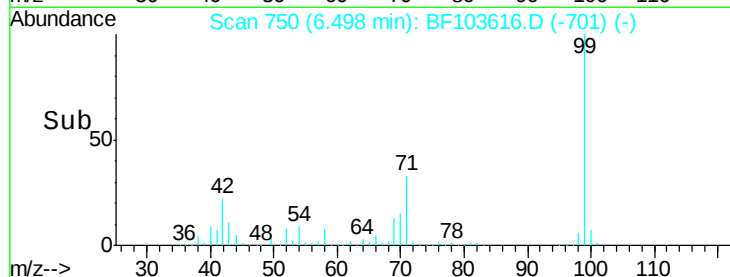
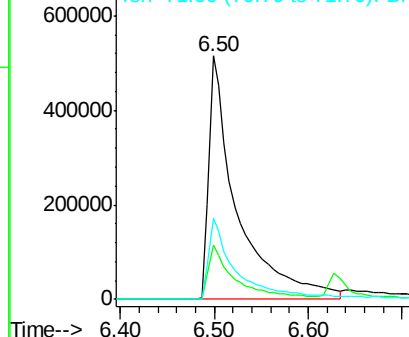
Acq: 13 Mar 2018 20:36

Tot Ion: 99 Resp: 1087820

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	33.1	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

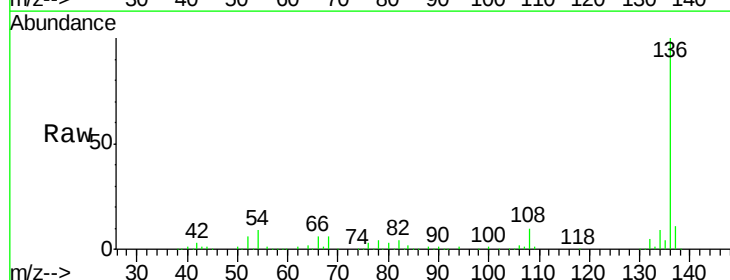
Delta R.T. -0.01 min

Lab File: BF103616.D

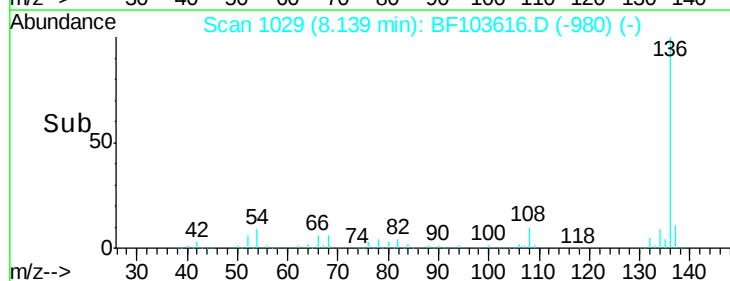
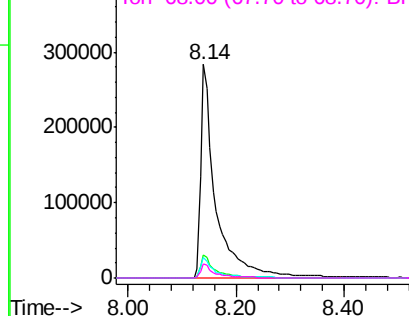
Acq: 13 Mar 2018 20:36

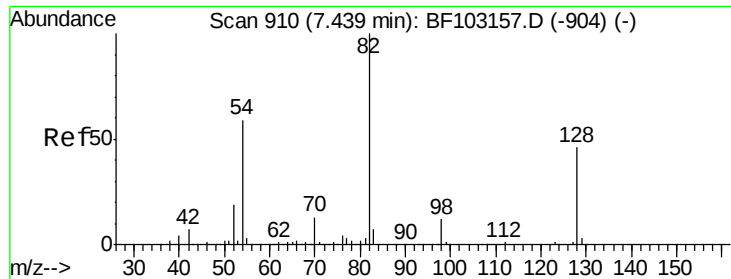
Tgt Ion: 136 Resp: 556027

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.5	5.0	7.4



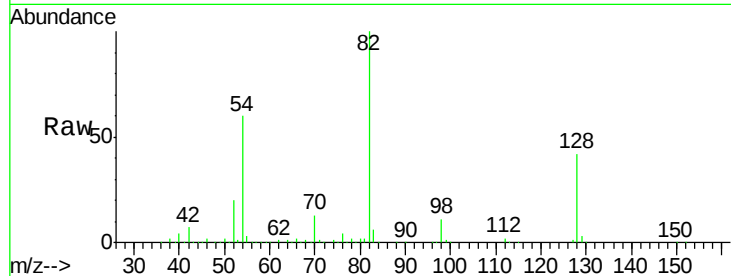
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



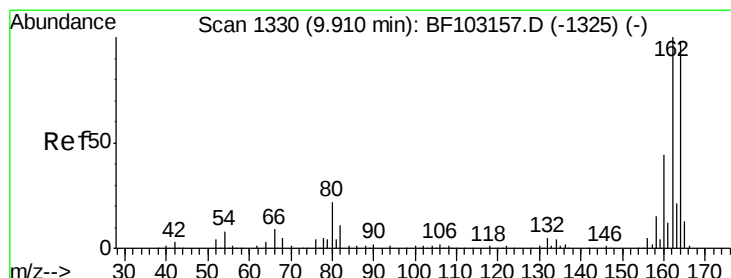
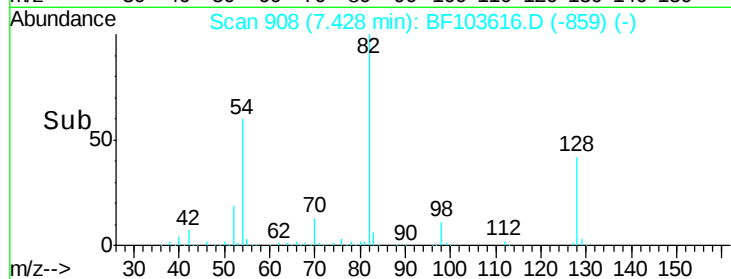
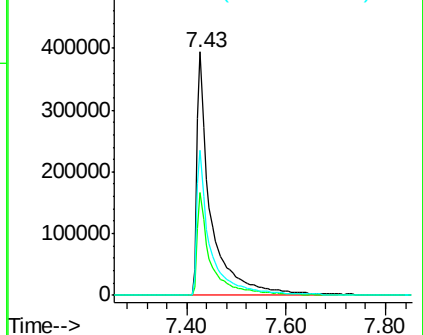


#23
Nitrobenzene-d5
Concen: 78.664 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103616.D
Acq: 13 Mar 2018 20:36

Tot Ion	82	Resp	765897
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	42.3		
54	59.8		
	41.4		
	62.2		

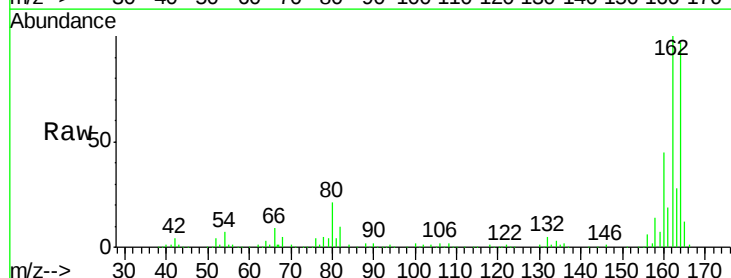


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

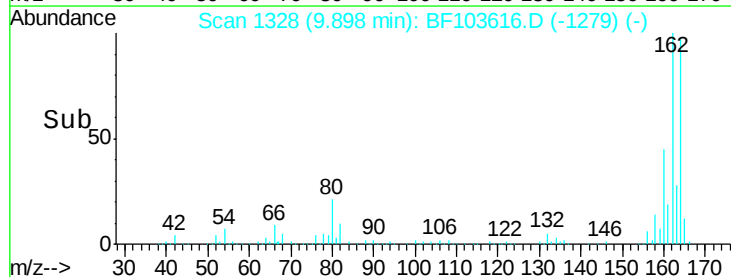
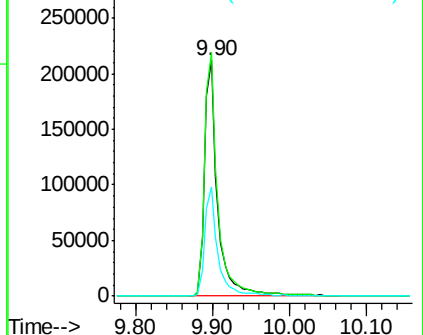


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103616.D
Acq: 13 Mar 2018 20:36

Tgt Ion	164	Resp	252335
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	103.4		
160	46.4		
	38.3		
	57.5		



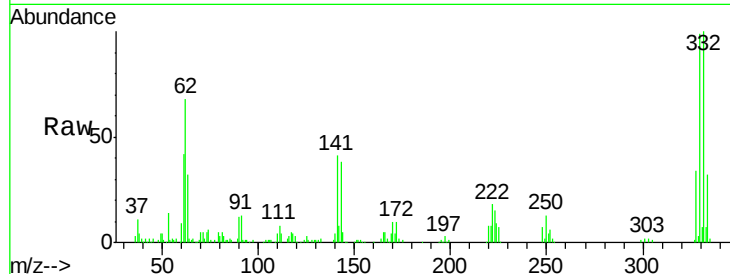
Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1



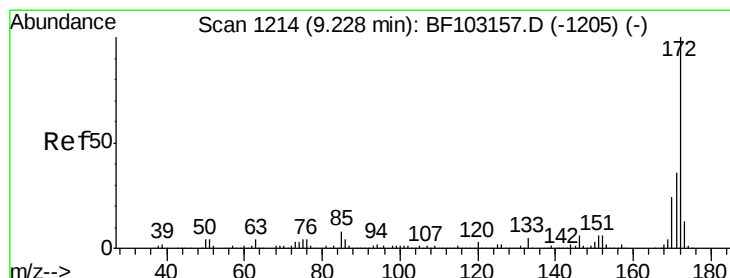
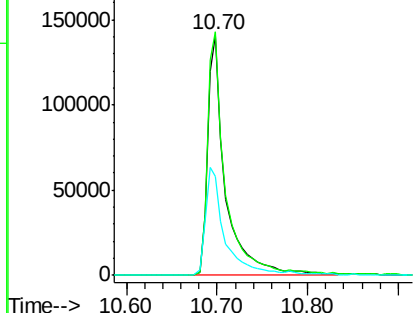
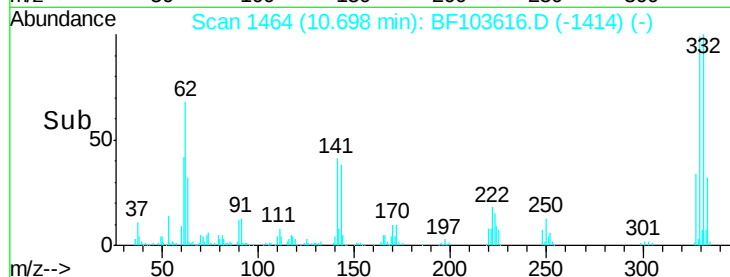


#41
 2,4,6-Tribromophenol
 Concen: 92.268 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103616.D
 Acq: 13 Mar 2018 20:36

Tot Ion:330 Resp: 197074
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 49.4 29.9 44.9#

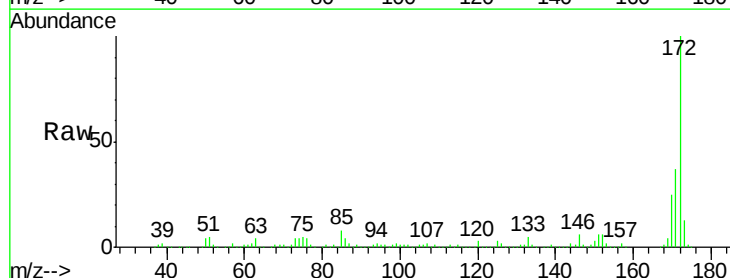


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

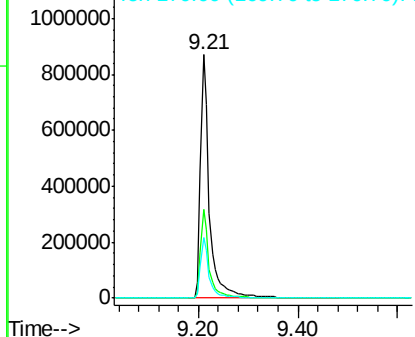
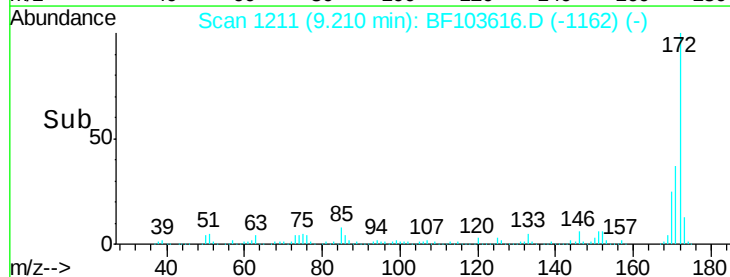


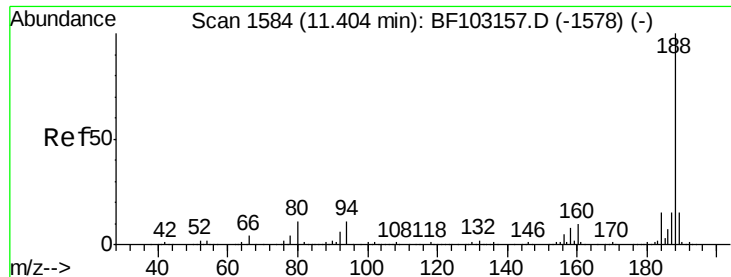
#44
 2-Fluorobiphenyl
 Concen: 71.247 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103616.D
 Acq: 13 Mar 2018 20:36

Tgt Ion:172 Resp: 1085045
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.0 19.6 29.4



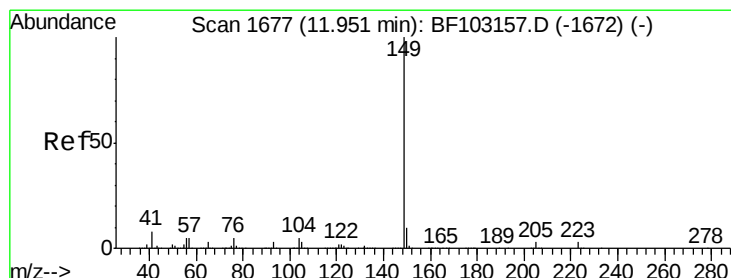
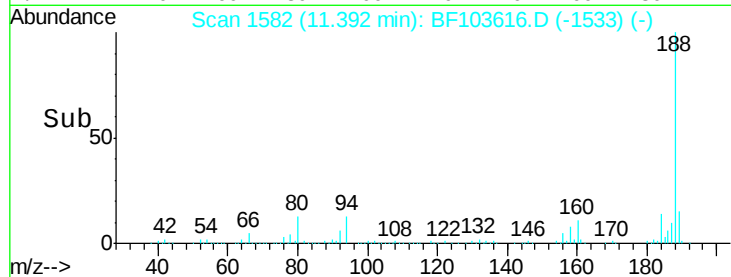
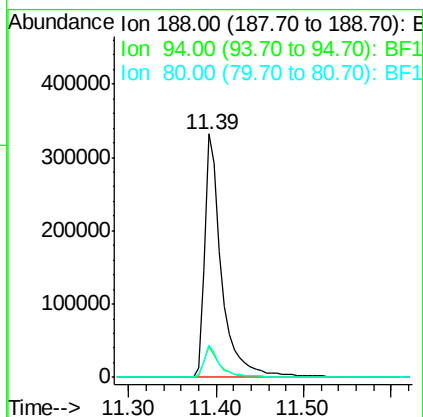
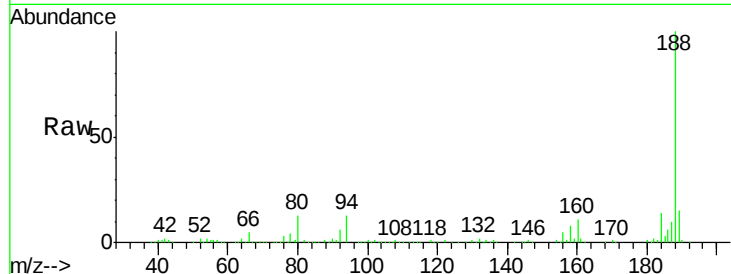
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





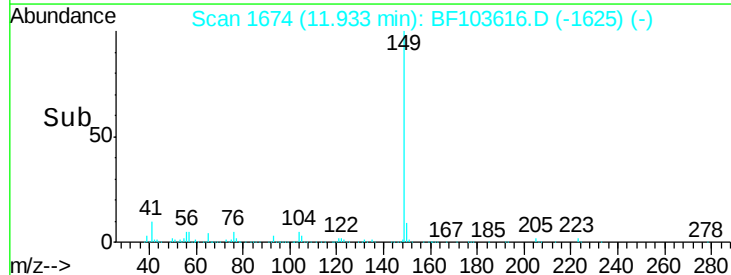
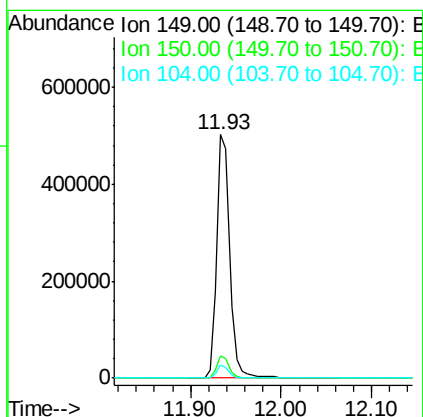
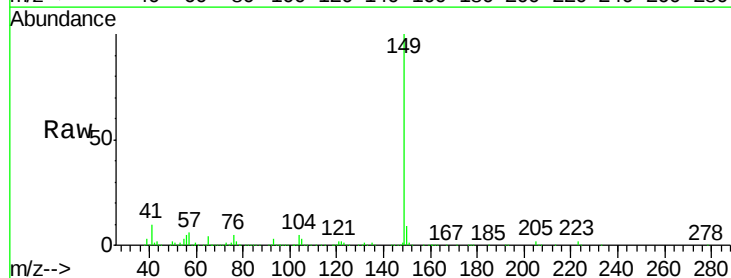
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF103616.D
Acq: 13 Mar 2018 20:36

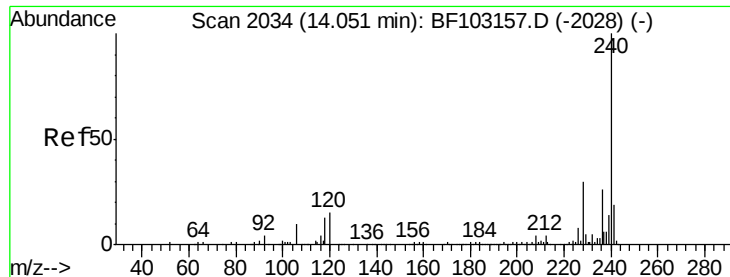
Tot Ion:188 Resp: 451614
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 13.3 9.2 13.8



#73
Di-n-butylphthalate
Concen: 15.689 ng
RT: 11.93 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BF103616.D
Acq: 13 Mar 2018 20:36

Tgt Ion:149 Resp: 498241
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 5.3 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103616.D

Acq: 13 Mar 2018 20:36

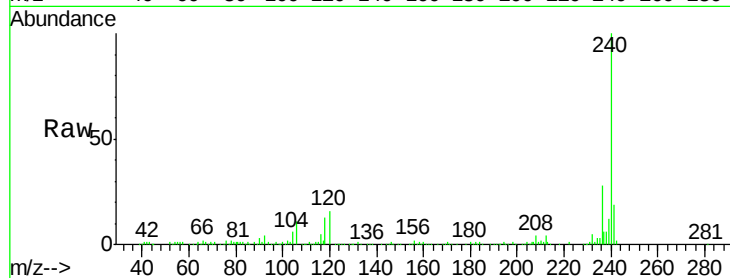
Tot Ion:240 Resp: 287798

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

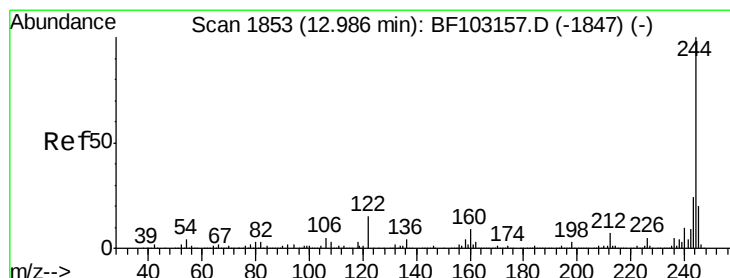
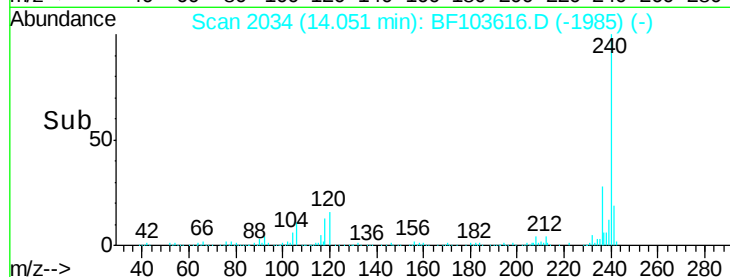
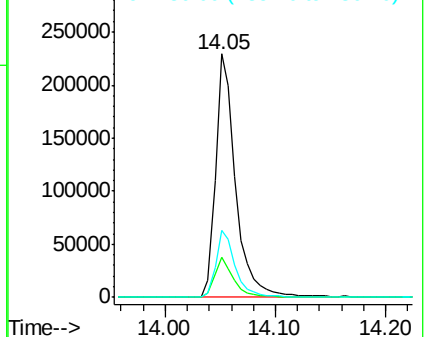
236 27.6 20.7 31.1



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: 70.233 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF103616.D

Acq: 13 Mar 2018 20:36

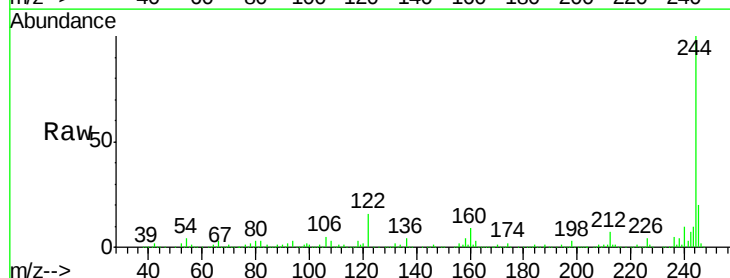
Tgt Ion:244 Resp: 840845

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

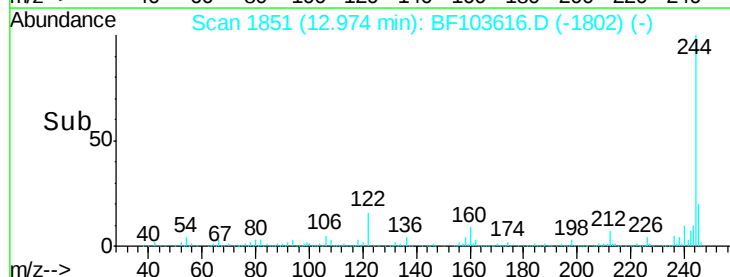
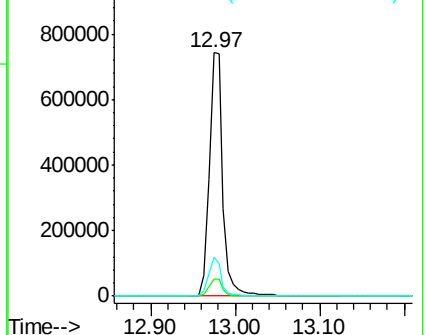
122 16.1 11.0 16.4

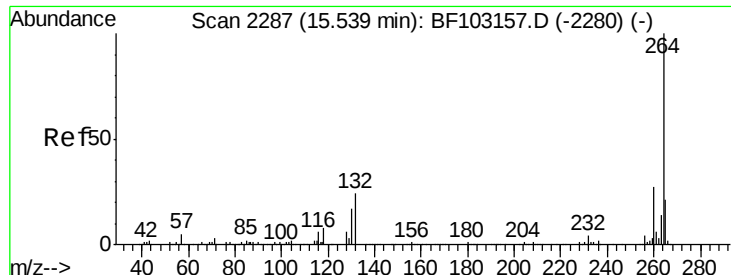


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

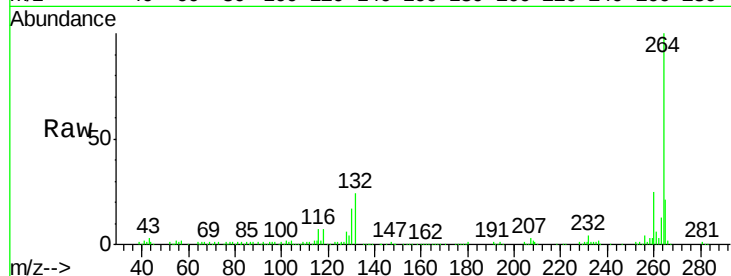
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103616.D
Acq: 13 Mar 2018 20:36

Tot Ion:	264	Resp:	238495
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.1	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

