

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103615.D
 Acq On : 13 Mar 2018 20:09
 Operator : SJ/JU
 Sample : J1776-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 13 22:47:42 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

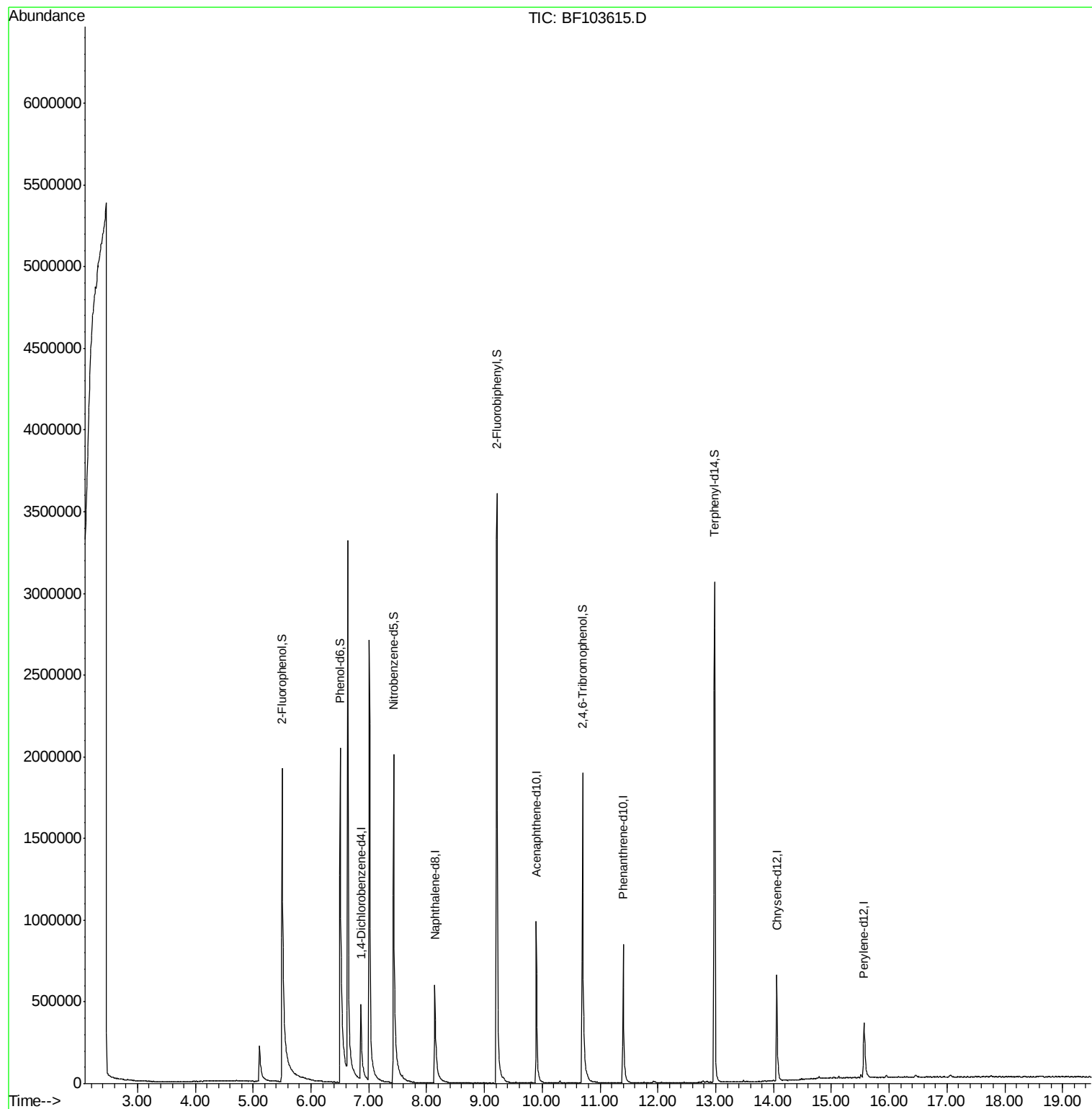
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134519	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	596752	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	267349	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	483911	20.00	ng	0.00
75) Chrysene-d12	14.06	240	302984	20.00	ng	0.00
86) Perylene-d12	15.57	264	238717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1189665	133.76	ng	0.01
7) Phenol-d6	6.50	99	1313463	120.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	1099741	105.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	302989	133.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1556633	106.45	ng	0.00
78) Terphenyl-d14	12.98	244	1300348	103.17	ng	0.00

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

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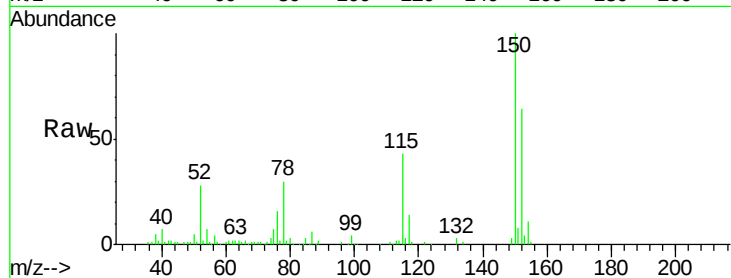




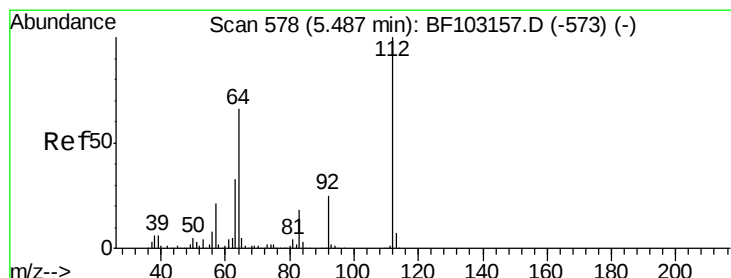
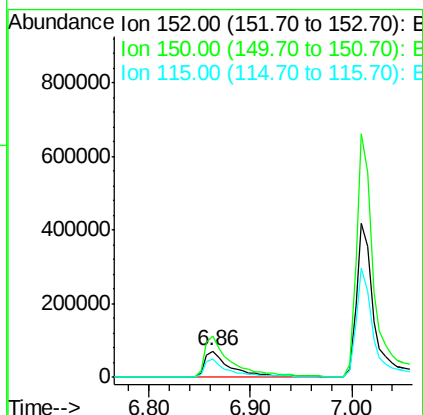
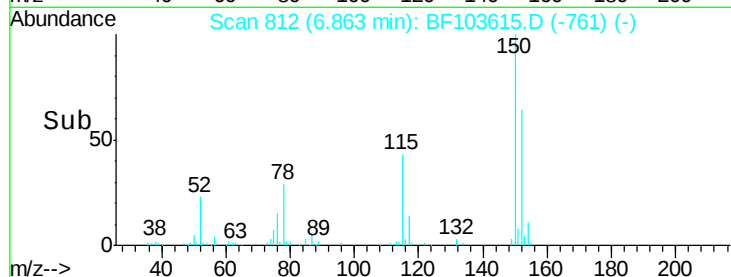
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103615.D
Acq: 13 Mar 2018 20:09

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	67.2	50.1	75.1



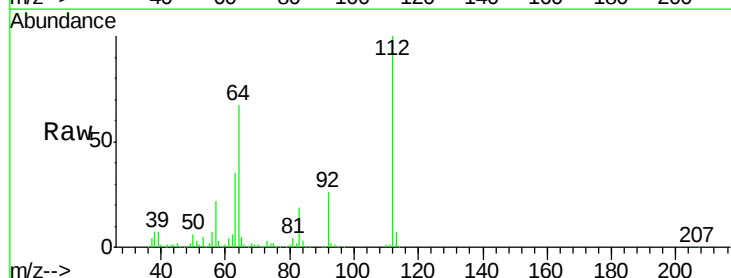
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



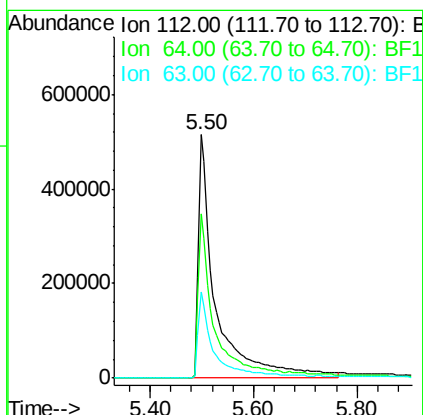
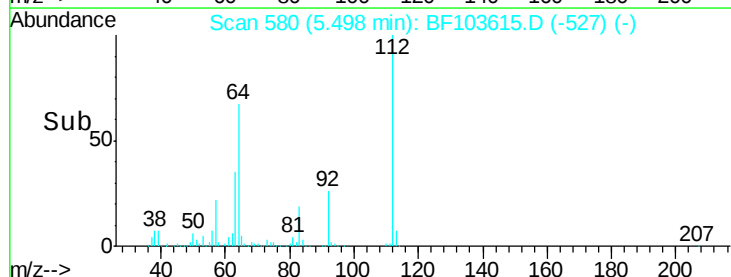
#5

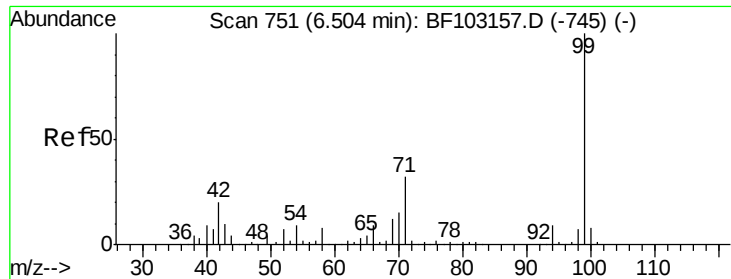
2-Fluorophenol
Concen: 133.757 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103615.D
Acq: 13 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	35.4	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: 120.685 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103615.D

Acq: 13 Mar 2018 20:09

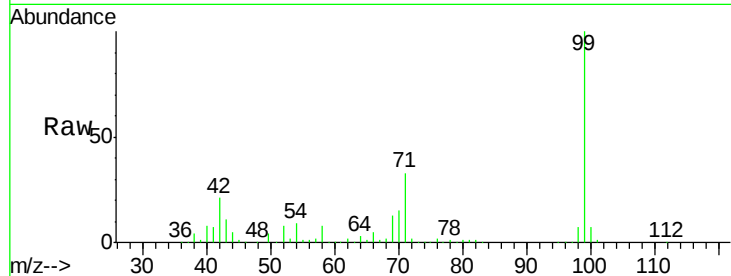
Tot Ion: 99 Resp: 1313463

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

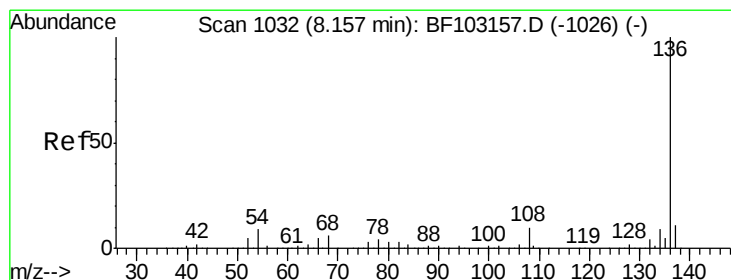
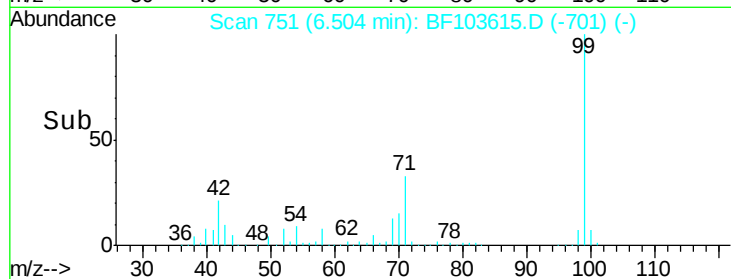
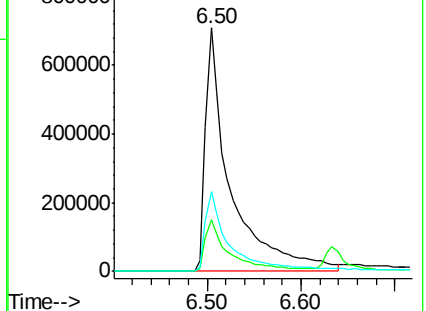
71 32.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103615.D

Acq: 13 Mar 2018 20:09

Tgt Ion: 136 Resp: 596752

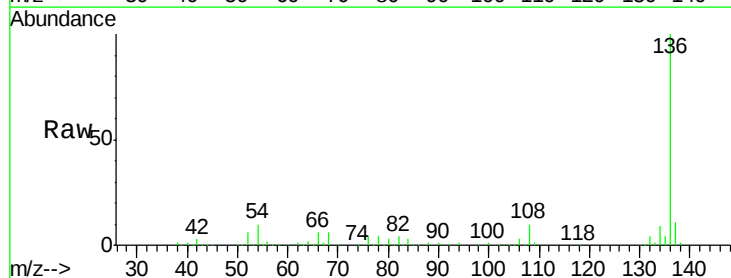
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.7 6.6 9.8

68 6.4 5.0 7.4

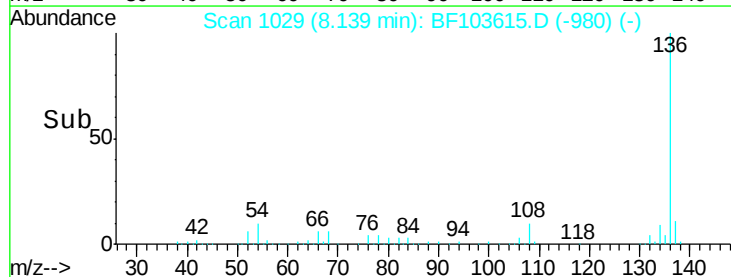
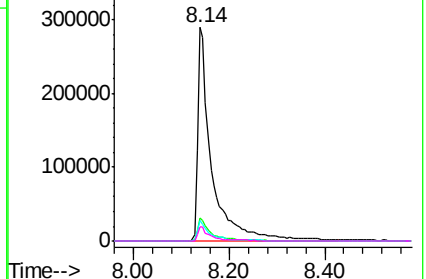


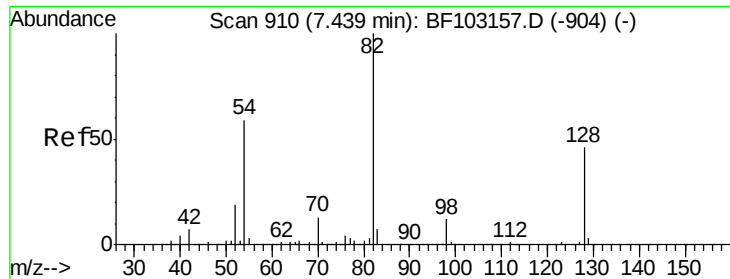
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.244 ng

RT: 7.43 min Scan# 908

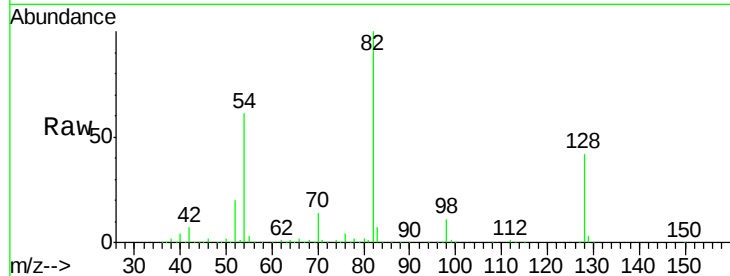
Delta R.T. -0.01 min

Lab File: BF103615.D

Acq: 13 Mar 2018 20:09

Tot Ion: 82 Resp: 1099741

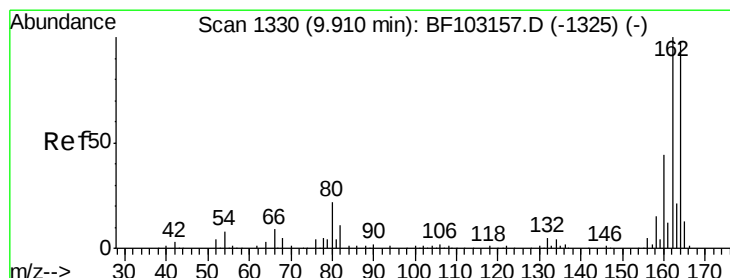
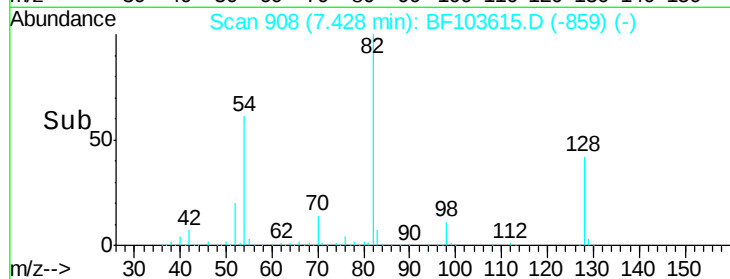
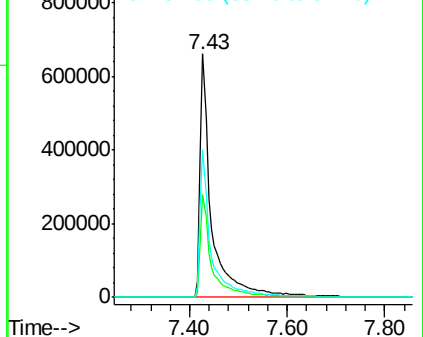
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	60.8	41.4	62.2



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

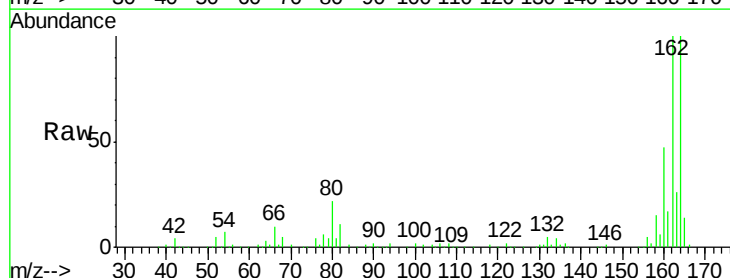
Delta R.T. -0.01 min

Lab File: BF103615.D

Acq: 13 Mar 2018 20:09

Tgt Ion: 164 Resp: 267349

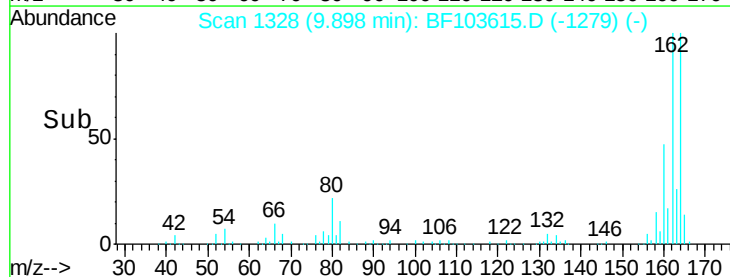
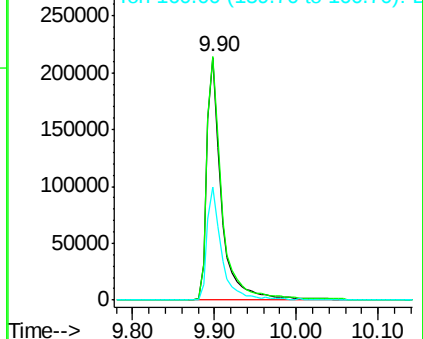
Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	46.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

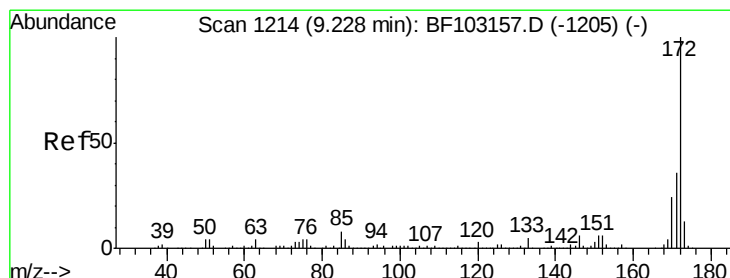
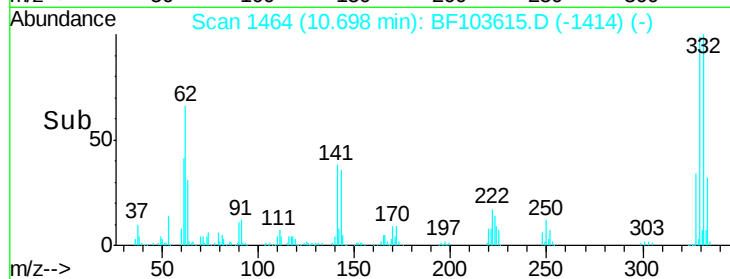
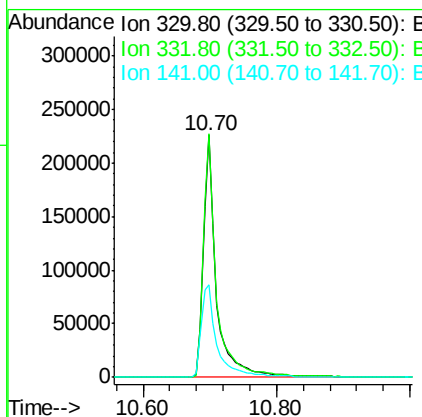
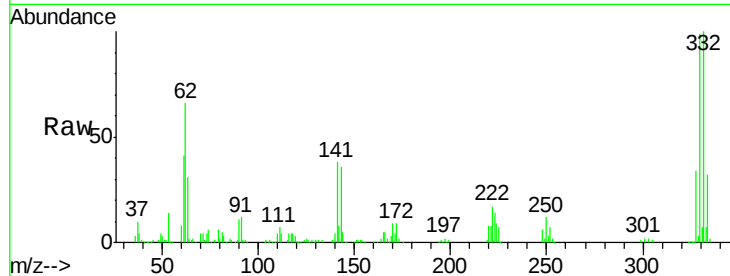
Ion 160.00 (159.70 to 160.70): BF1





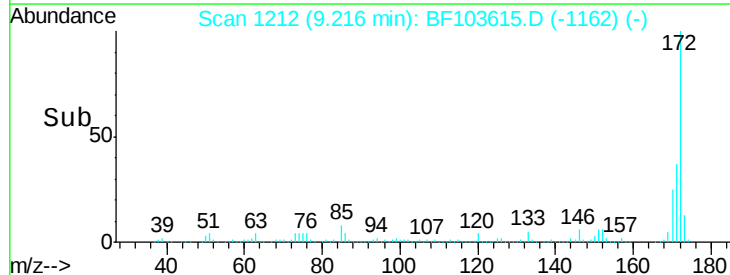
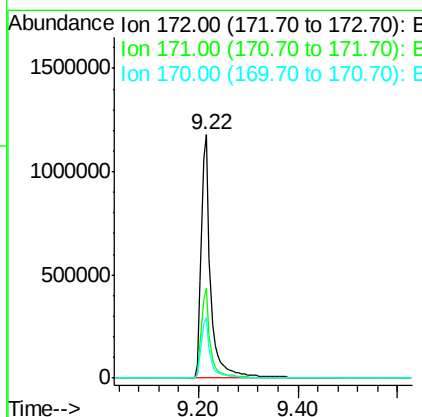
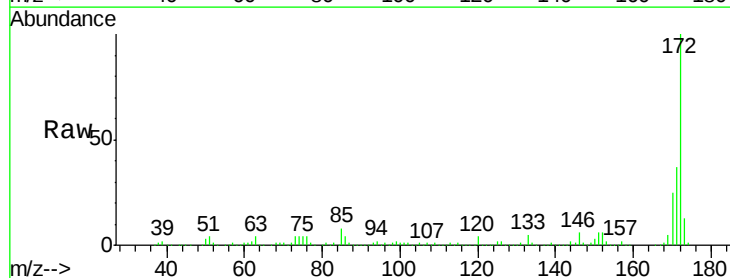
#41
 2,4,6-Tribromophenol
 Concen: 133.890 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103615.D
 Acq: 13 Mar 2018 20:09

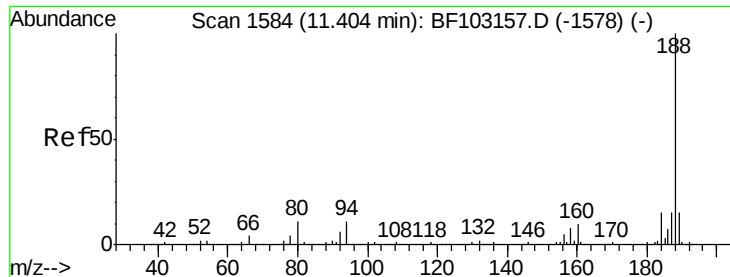
Tot Ion:330 Resp: 302989
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 46.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 106.450 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103615.D
 Acq: 13 Mar 2018 20:09

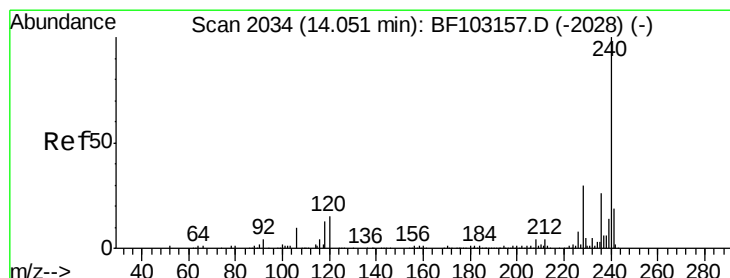
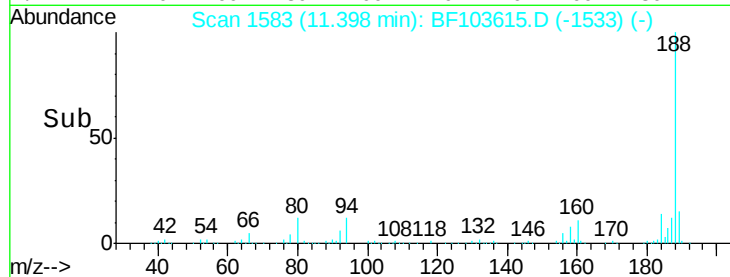
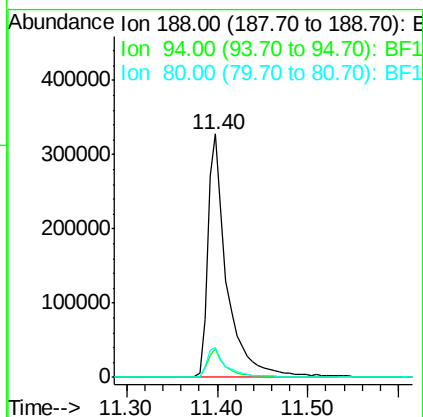
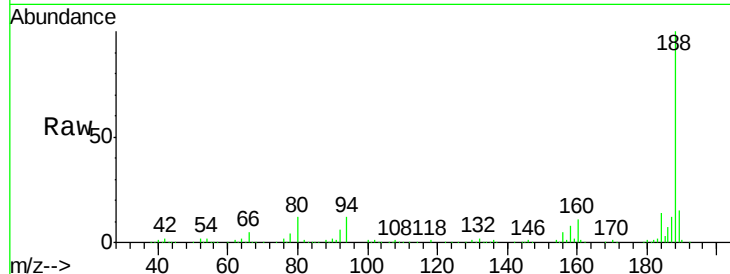
Tgt Ion:172 Resp: 1556633
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.1 19.6 29.4





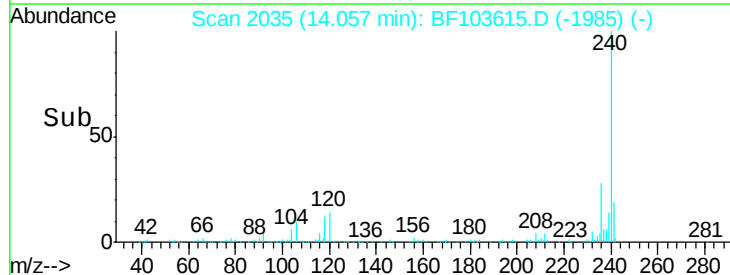
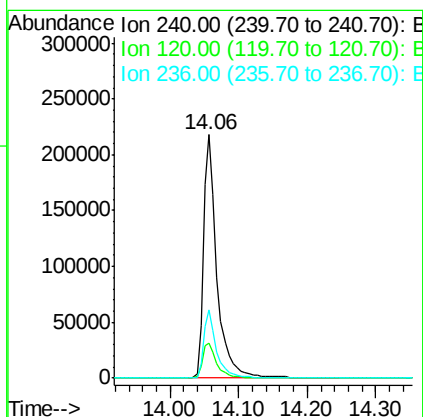
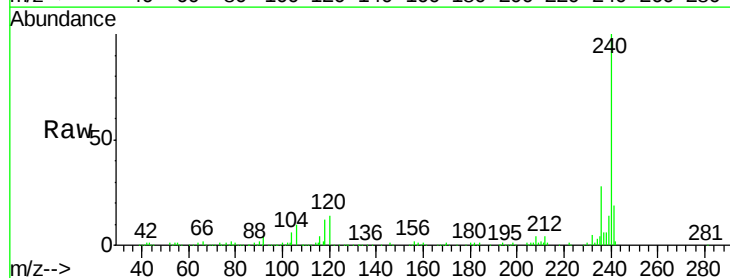
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103615.D
Acq: 13 Mar 2018 20:09

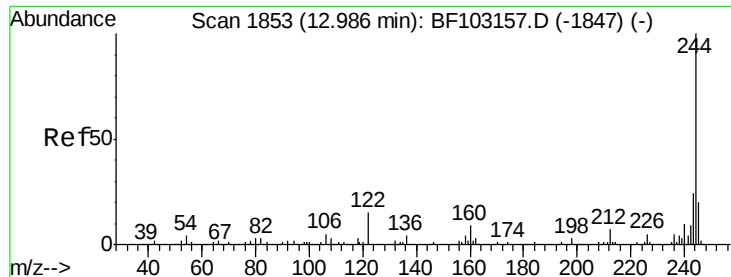
Tot Ion:188 Resp: 483911
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103615.D
Acq: 13 Mar 2018 20:09

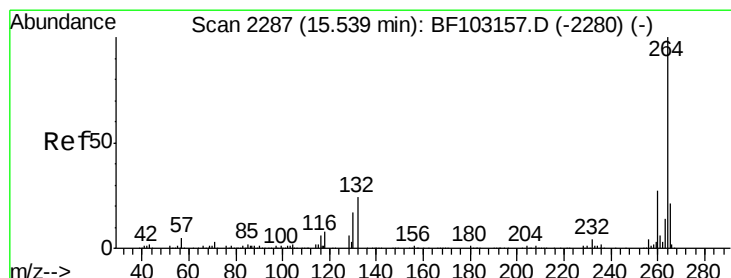
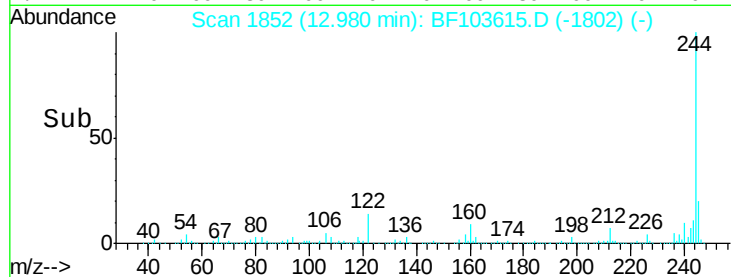
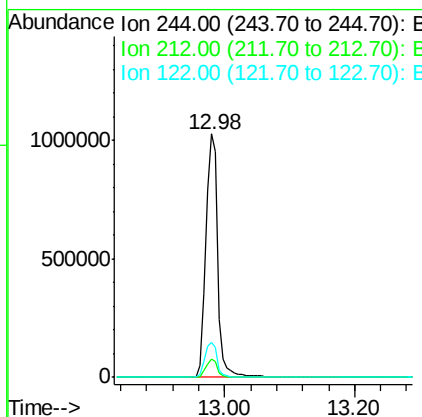
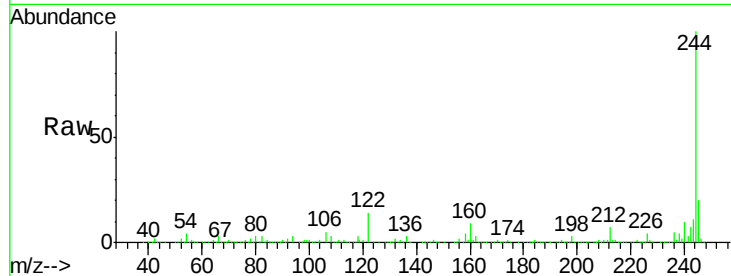
Tgt Ion:240 Resp: 302984
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 27.9 20.7 31.1





#78
 Terphenyl-d14
 Concen: 103.169 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103615.D
 Acq: 13 Mar 2018 20:09

Tot Ion:244 Resp: 1300348
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.4 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: BF103615.D
 Acq: 13 Mar 2018 20:09

Tgt Ion:264 Resp: 238717
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 17.5 26.3

