

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103629.D
 Acq On : 14 Mar 2018 4:36
 Operator : SJ/JU
 Sample : J1894-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 14 11:15:11 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

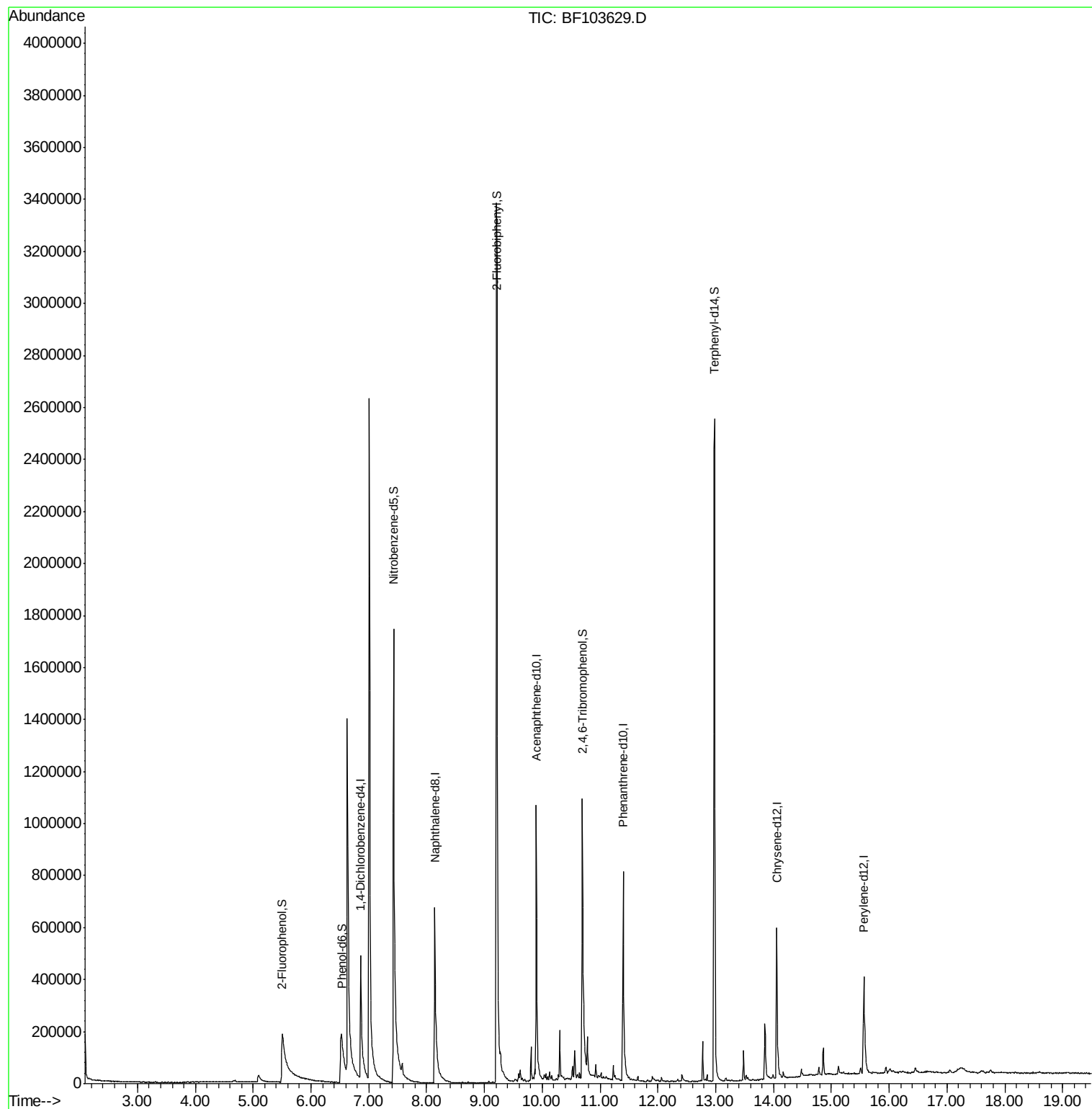
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145940	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	645264	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	286803	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	479937	20.00	ng	0.00
75) Chrysene-d12	14.06	240	267897	20.00	ng	0.00
86) Perylene-d12	15.56	264	256588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	284283	29.46	ng	0.02
7) Phenol-d6	6.52	99	289570	24.52	ng	0.01
23) Nitrobenzene-d5	7.43	82	1038342	91.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	174330	71.81	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1509590	92.59	ng	-0.01
78) Terphenyl-d14	12.98	244	1009172	90.55	ng	0.00

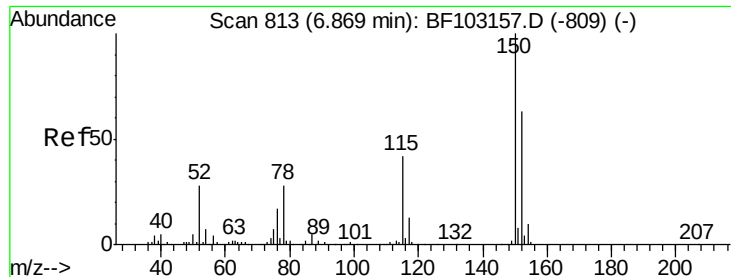
Target Compounds Qvalue

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

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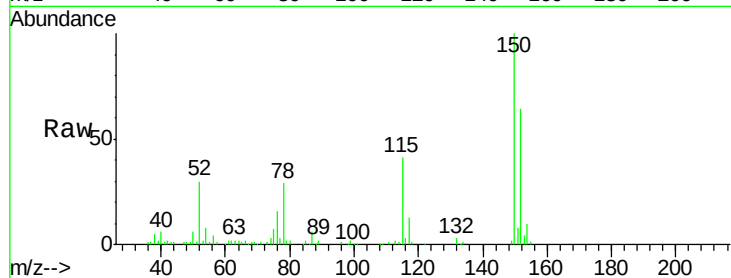




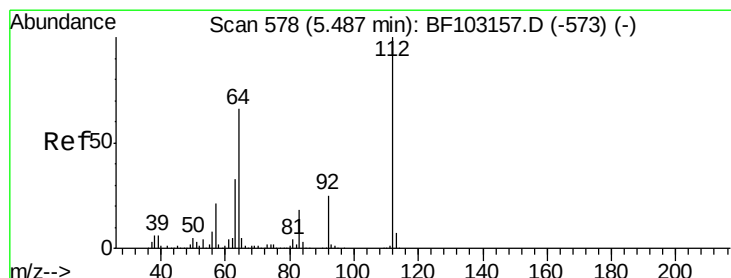
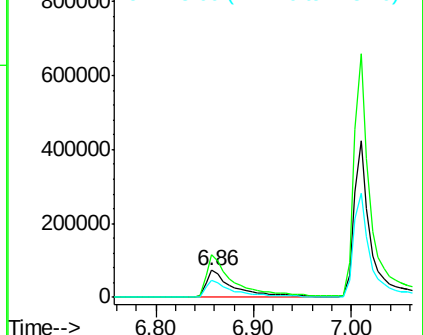
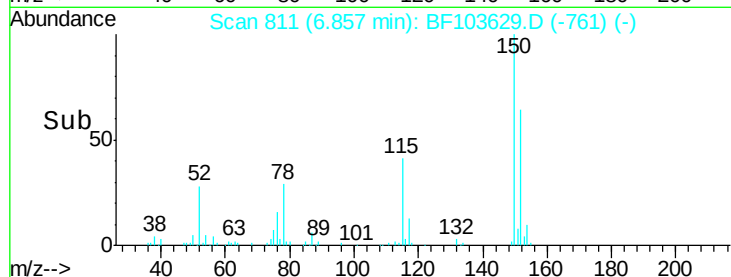
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103629.D
Acq: 14 Mar 2018 4:36

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	64.8	50.1	75.1



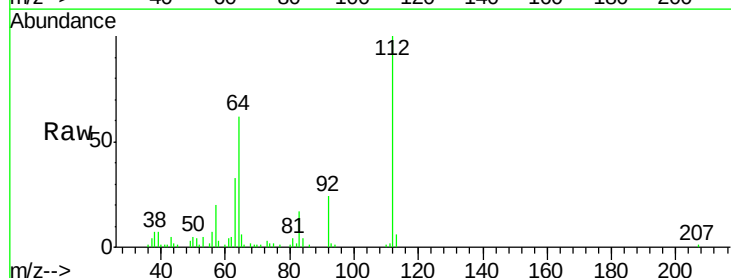
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



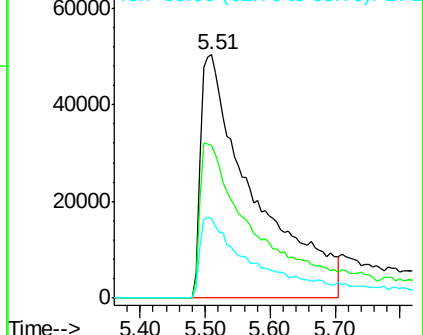
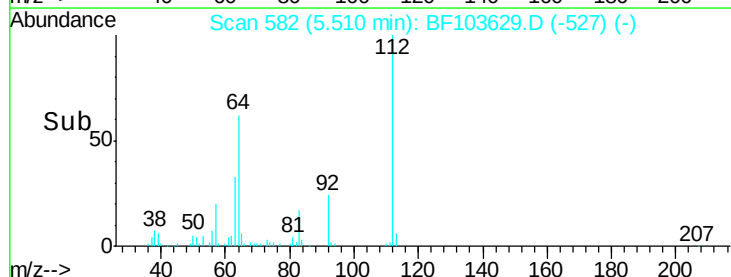
#5

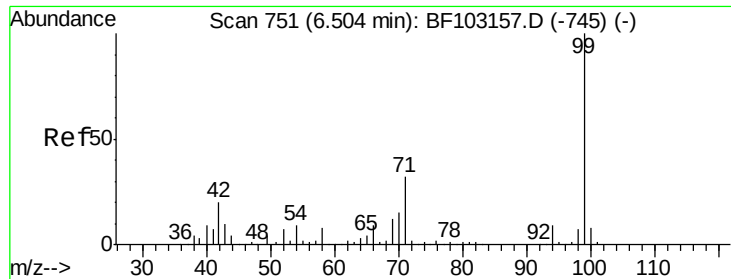
2-Fluorophenol
Concen: 29.461 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103629.D
Acq: 14 Mar 2018 4:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	32.9	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: 24.524 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103629.D

Acq: 14 Mar 2018 4:36

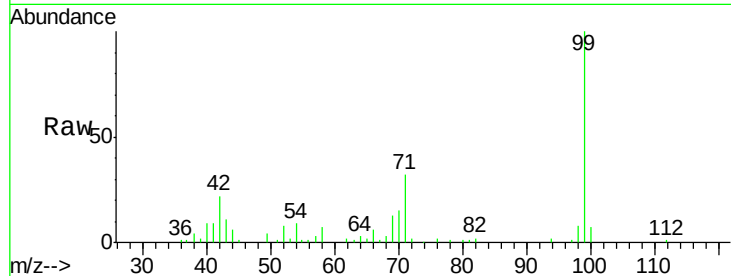
Tot Ion: 99 Resp: 289570

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

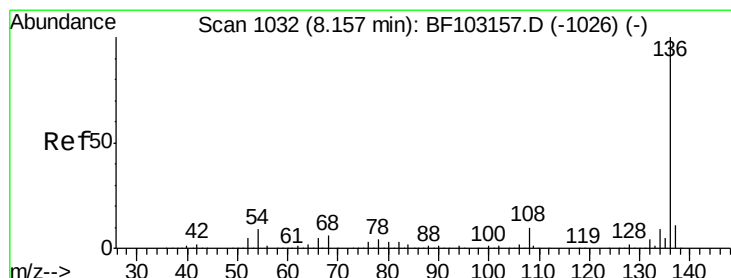
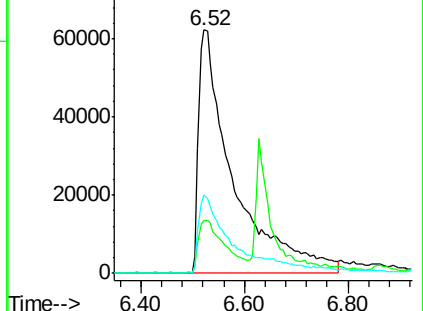
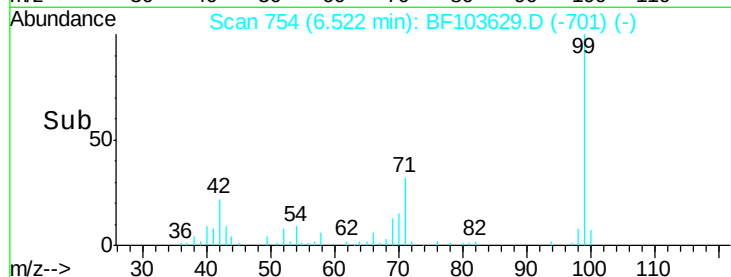
71 32.2 25.4 38.0



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: BF103629.D

Acq: 14 Mar 2018 4:36

Tgt Ion: 136 Resp: 645264

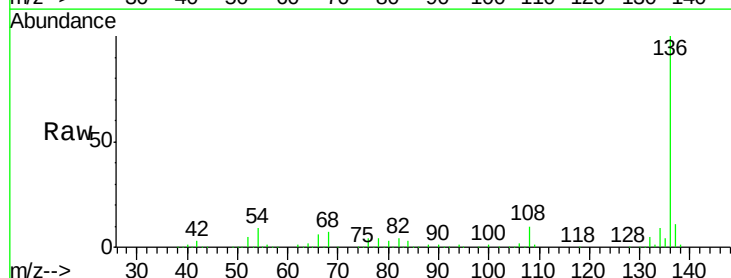
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

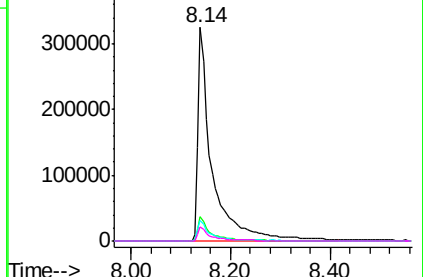
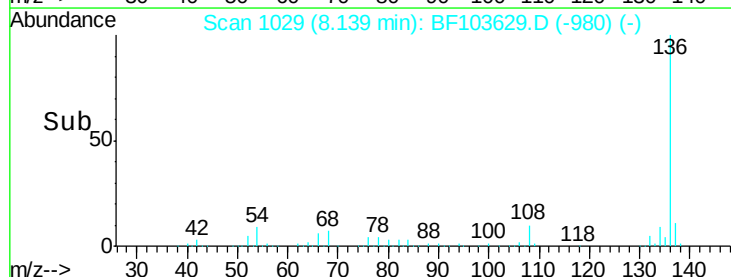


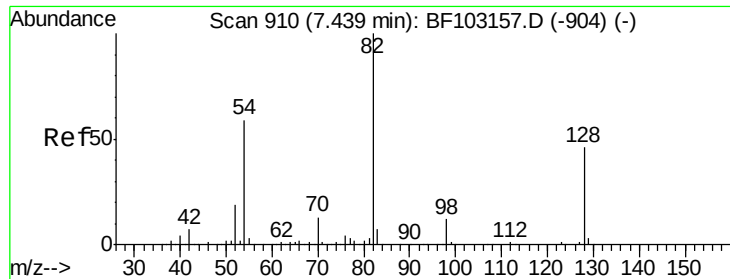
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.897 ng

RT: 7.43 min Scan# 908

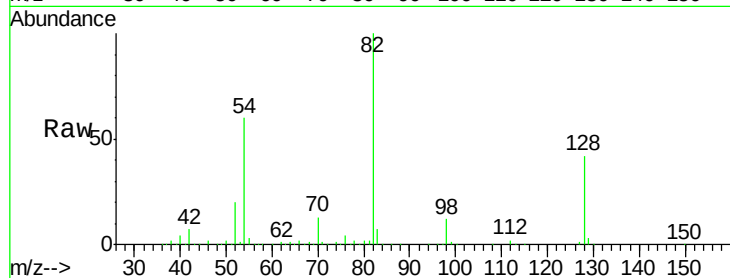
Delta R.T. -0.01 min

Lab File: BF103629.D

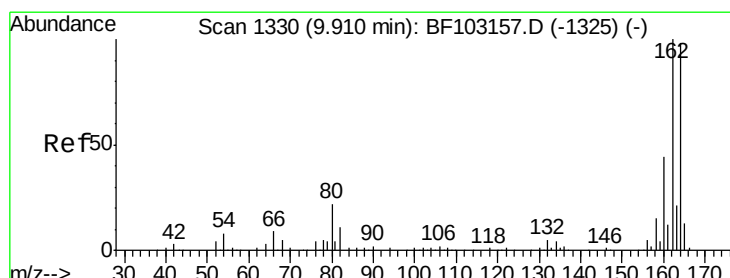
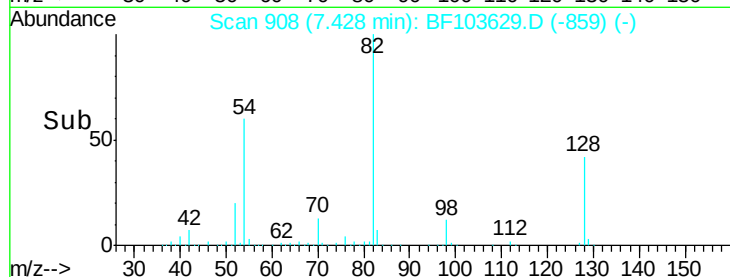
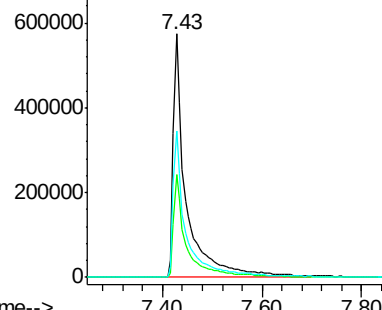
Acq: 14 Mar 2018 4:36

Tot Ion: 82 Resp: 1038342

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	60.0	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

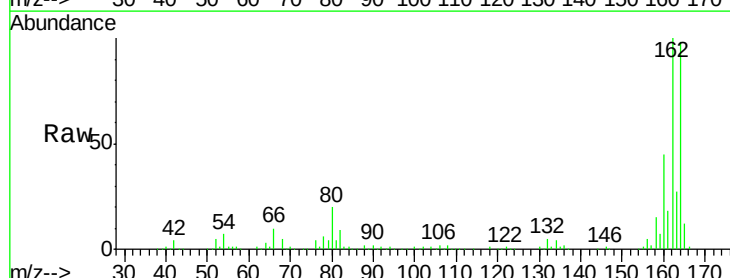
Delta R.T. -0.01 min

Lab File: BF103629.D

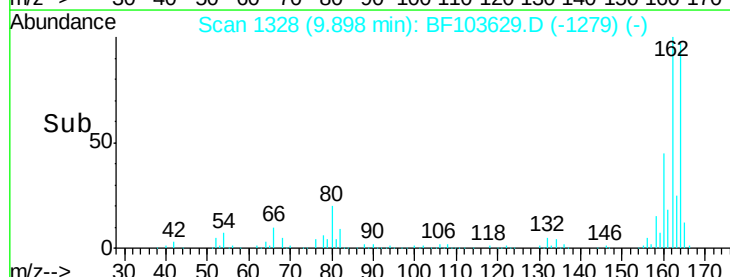
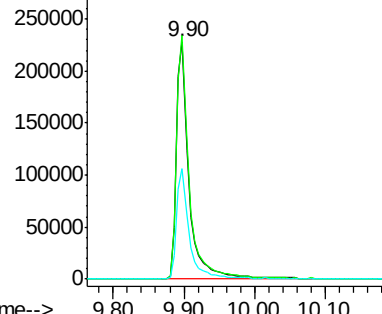
Acq: 14 Mar 2018 4:36

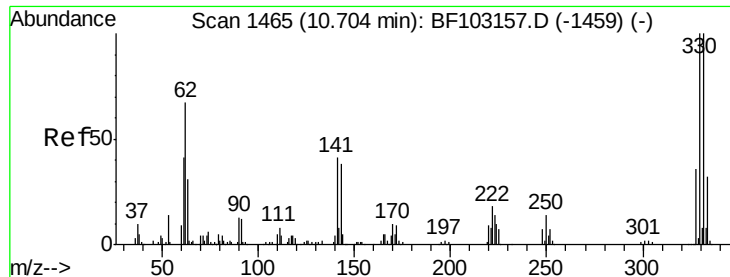
Tgt Ion: 164 Resp: 286803

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.3	38.3	57.5



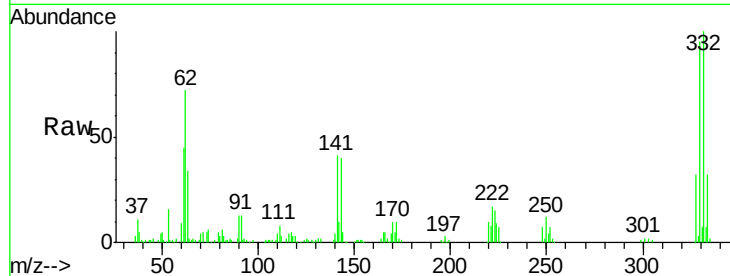
Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41
2,4,6-Tribromophenol
Concen: 71.811 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103629.D
Acq: 14 Mar 2018 4:36

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	50.5	29.9	44.9

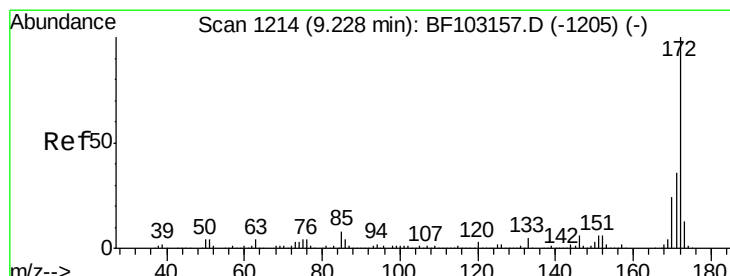
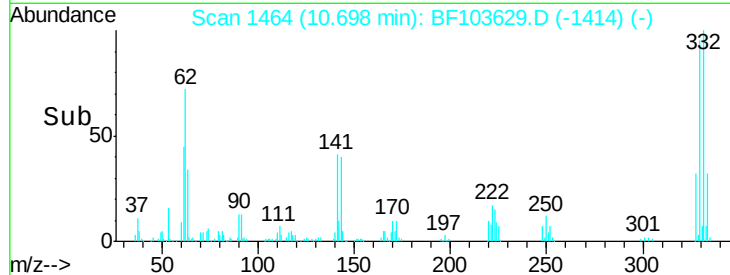
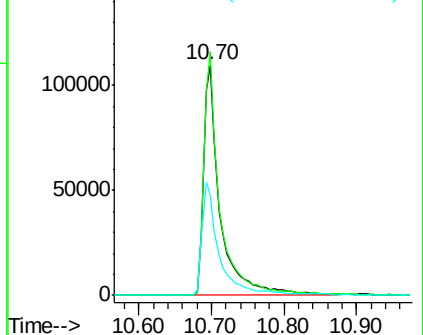


Abundance

Ion 329.80 (329.50 to 330.50): E

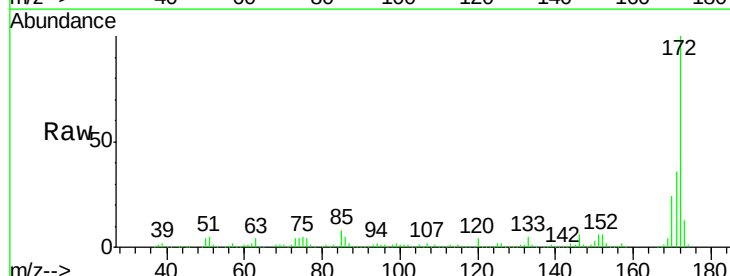
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 92.593 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF103629.D
Acq: 14 Mar 2018 4:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4

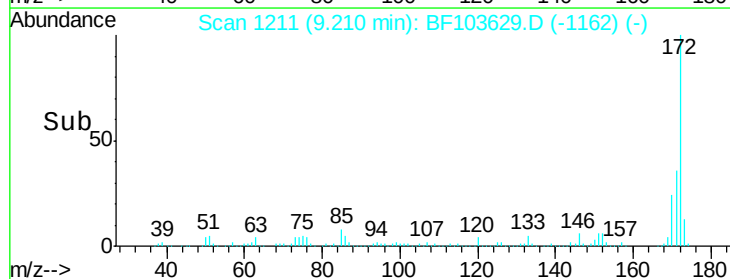
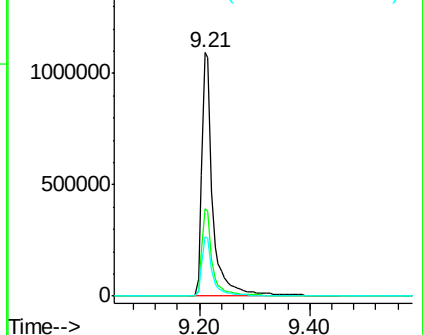


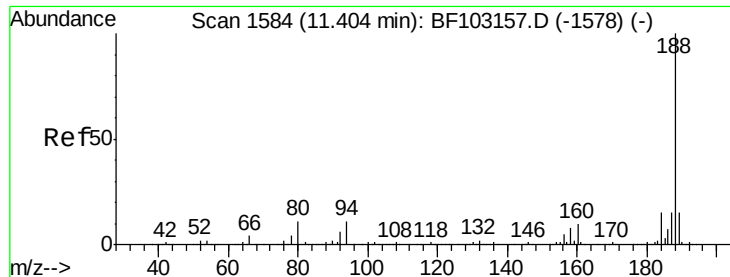
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

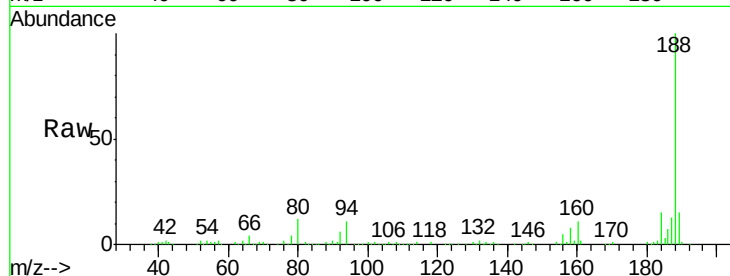
Ion 170.00 (169.70 to 170.70): E



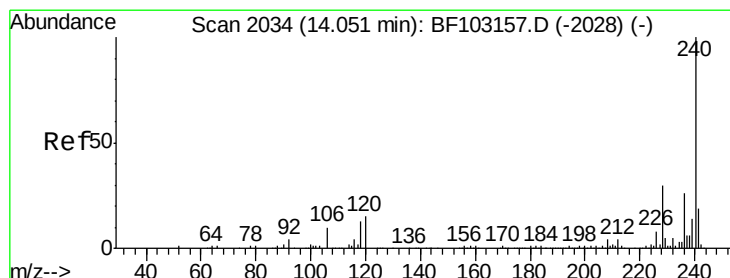
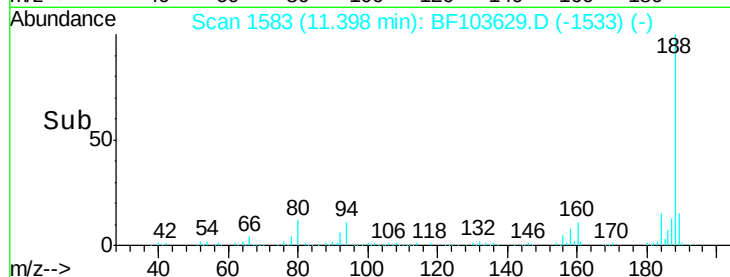
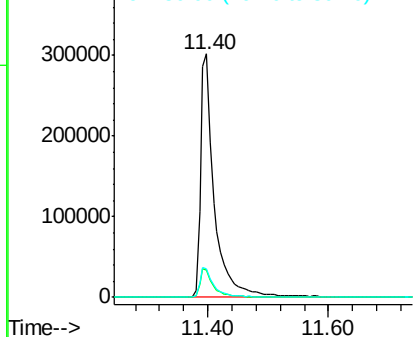


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103629.D
Acq: 14 Mar 2018 4:36

Tot Ion:188 Resp: 479937
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.7 9.2 13.8

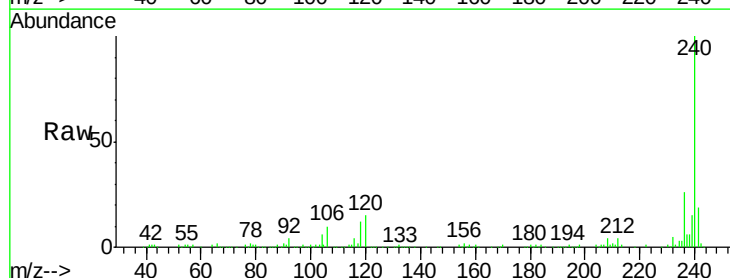


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

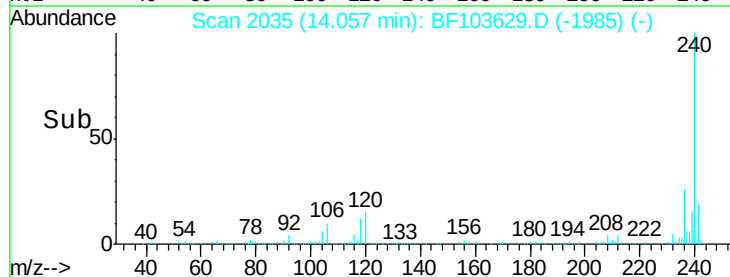
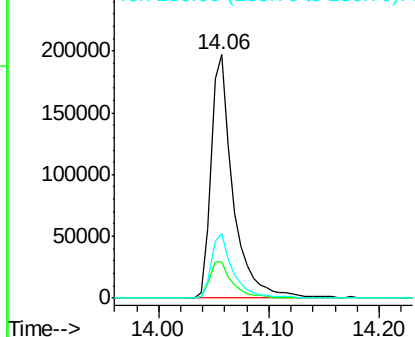


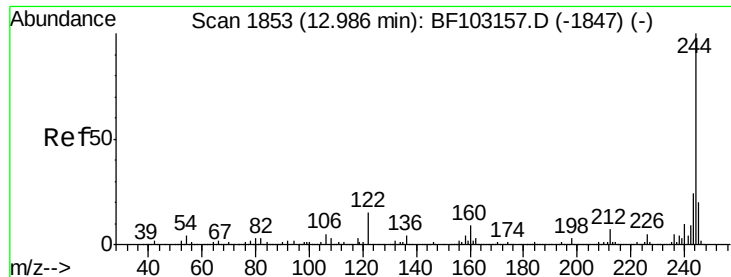
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103629.D
Acq: 14 Mar 2018 4:36

Tgt Ion:240 Resp: 267897
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 26.5 20.7 31.1



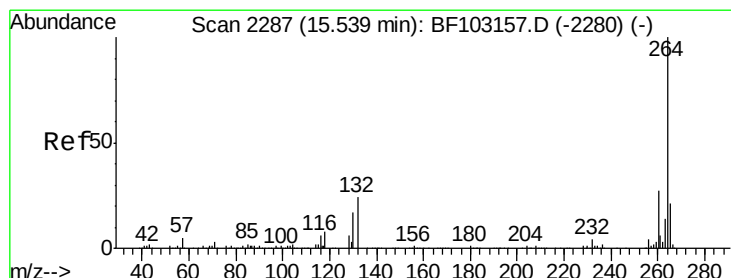
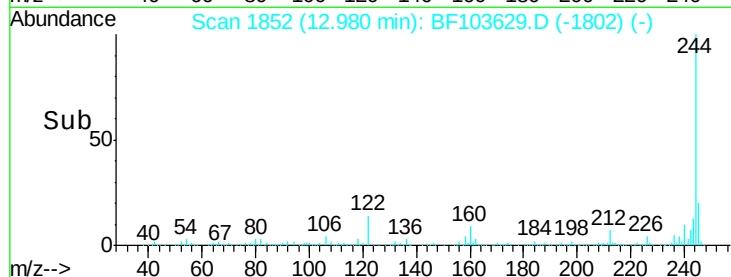
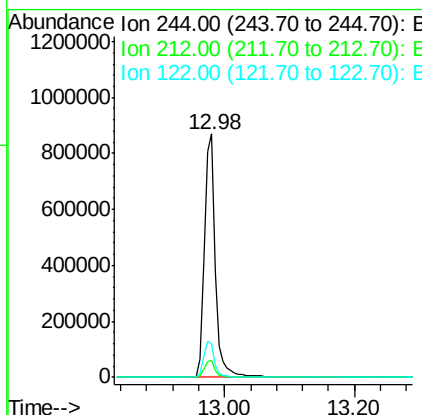
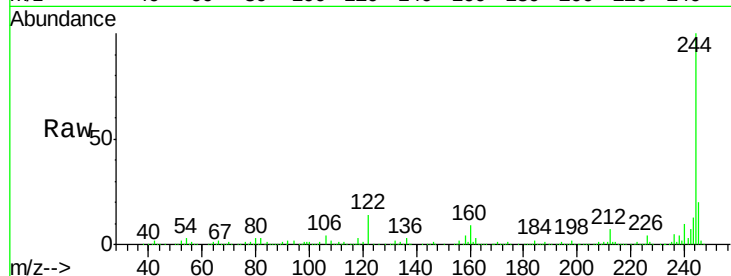
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 90.554 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103629.D
 Acq: 14 Mar 2018 4:36

Tot Ion:244 Resp: 1009172
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103629.D
 Acq: 14 Mar 2018 4:36

Tgt Ion:264 Resp: 256588
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 20.6 17.5 26.3

