

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103614.D
 Acq On : 13 Mar 2018 19:42
 Operator : SJ/JU
 Sample : J1776-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 13 22:45:04 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

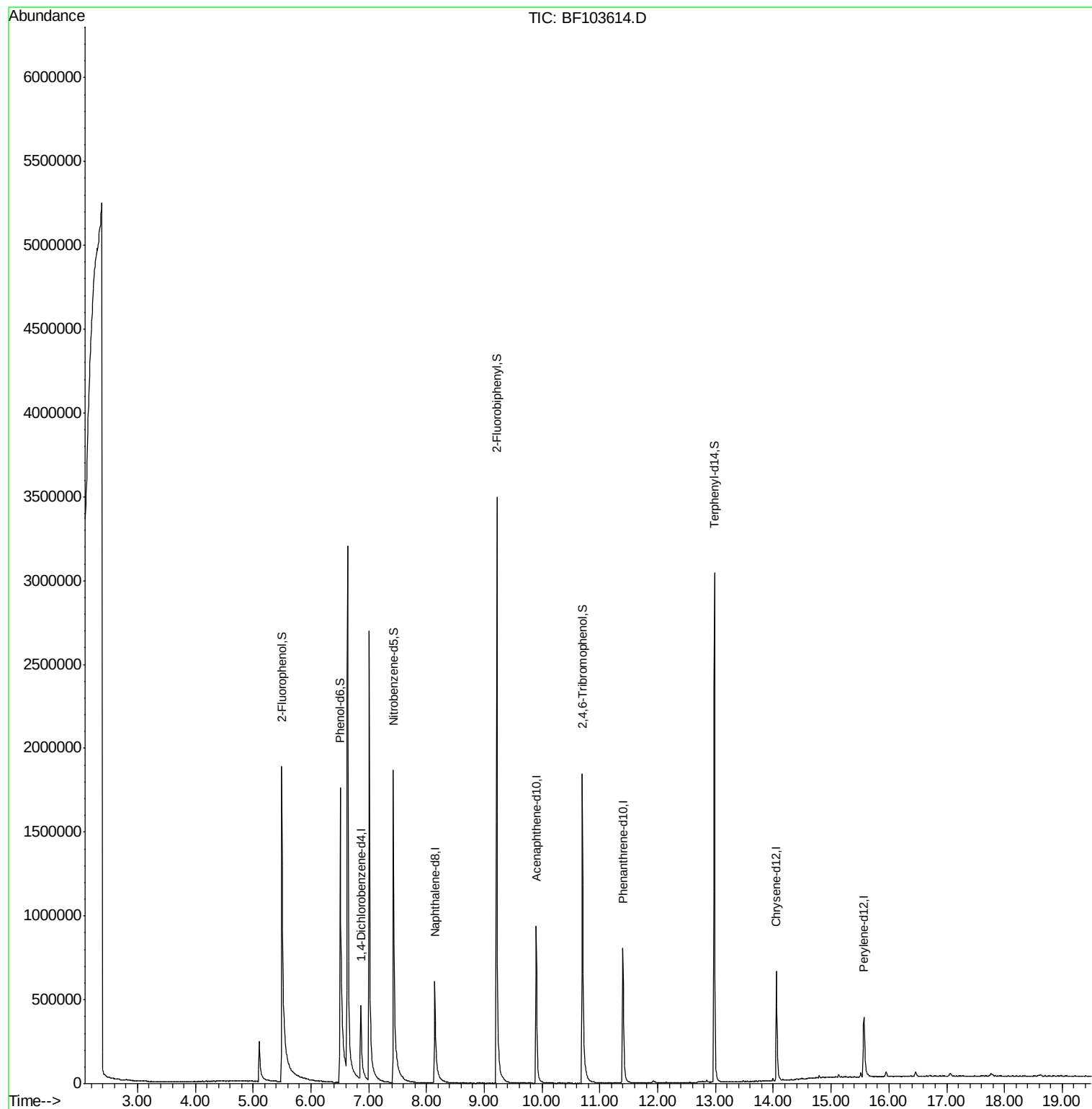
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	130650	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	568871	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	256937	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	463234	20.00	ng	0.00
75) Chrysene-d12	14.06	240	300880	20.00	ng	0.00
86) Perylene-d12	15.57	264	241999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1135554	131.45	ng	0.01
7) Phenol-d6	6.50	99	1235530	116.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	1063134	106.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	286473	131.72	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1521937	109.10	ng	0.00
78) Terphenyl-d14	12.98	244	1255150	100.28	ng	0.00

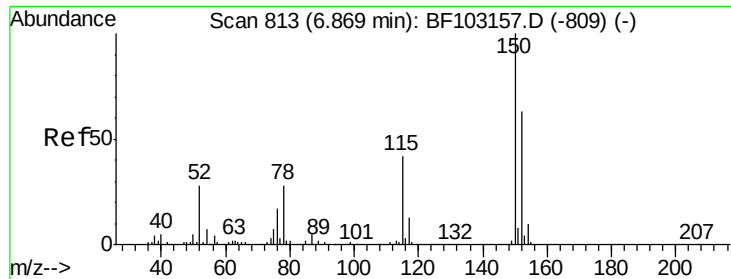
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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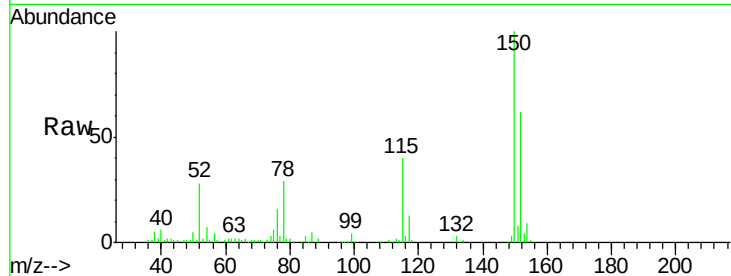




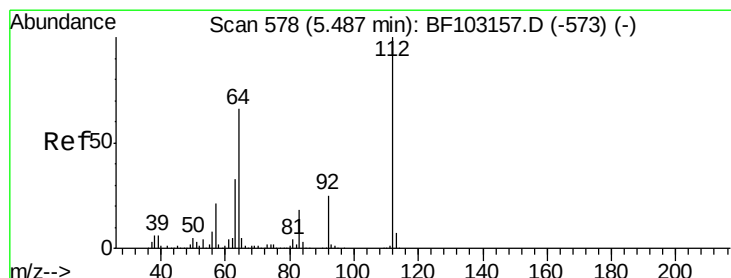
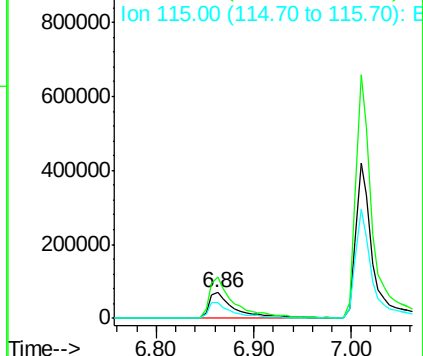
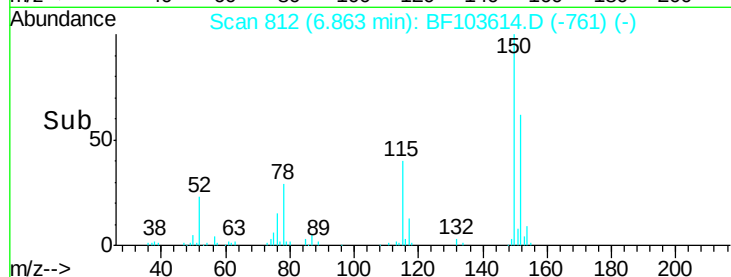
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	64.4	50.1	75.1



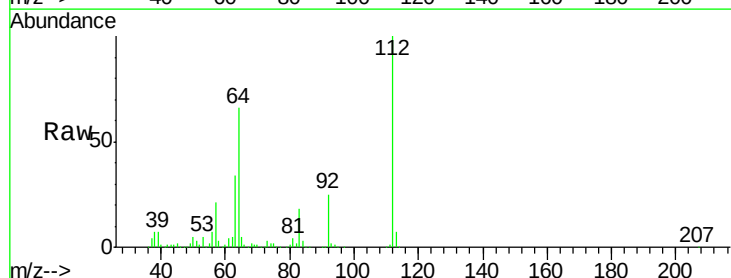
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



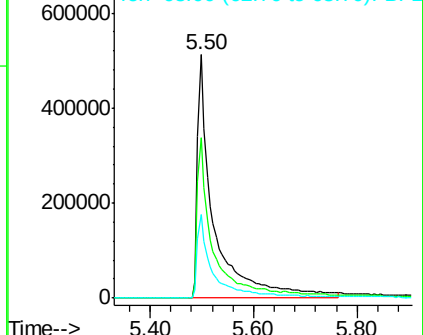
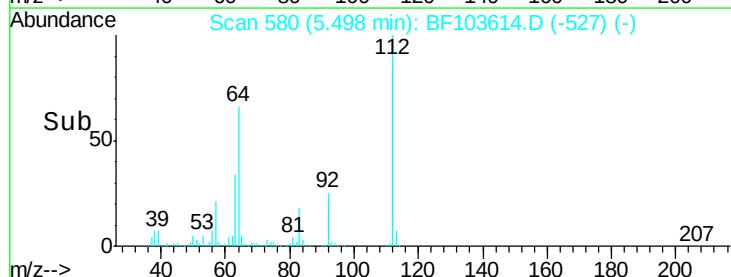
#5

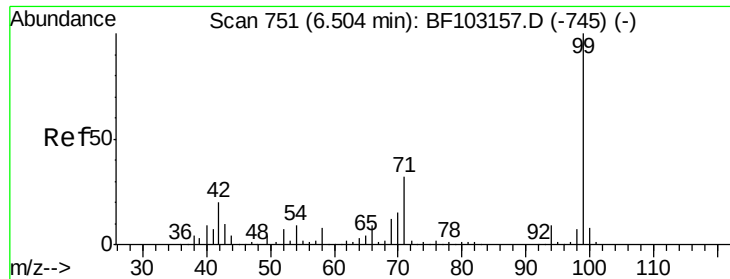
2-Fluorophenol
Concen: 131.454 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	34.4	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: 116.886 ng

RT: 6.50 min Scan# 751

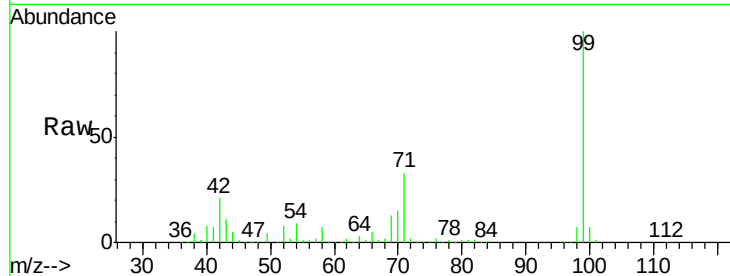
Delta R.T. -0.01 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

Tot Ion: 99 Resp: 1235530

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	32.9	25.4	38.0

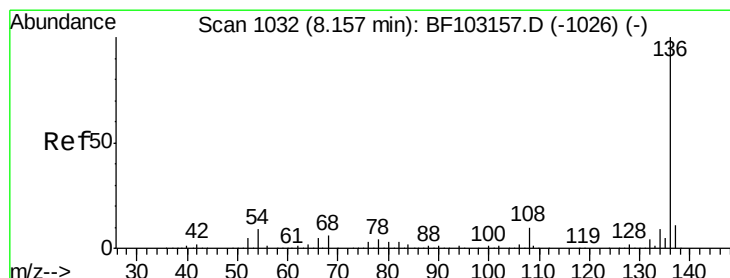
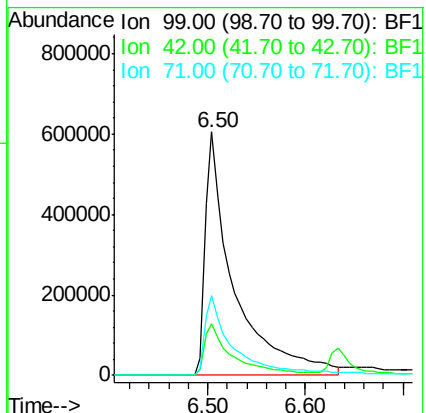
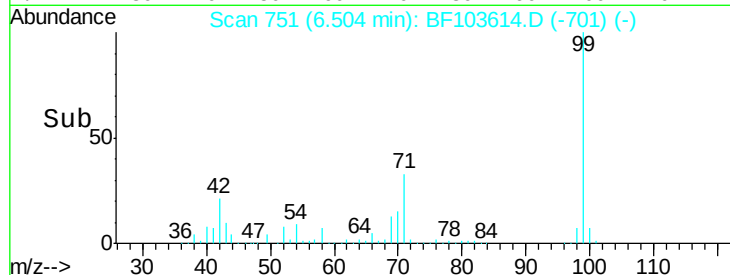


Abundance

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

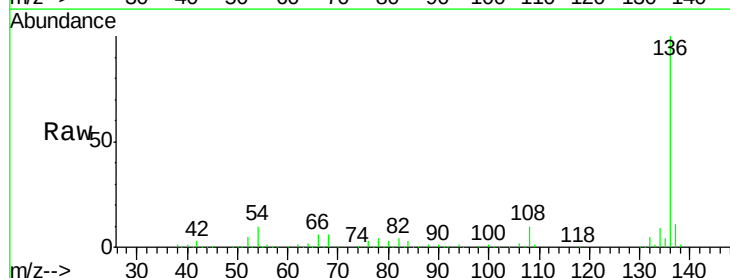
Delta R.T. -0.01 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

Tgt Ion: 136 Resp: 568871

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8#
68	6.4	5.0	7.4



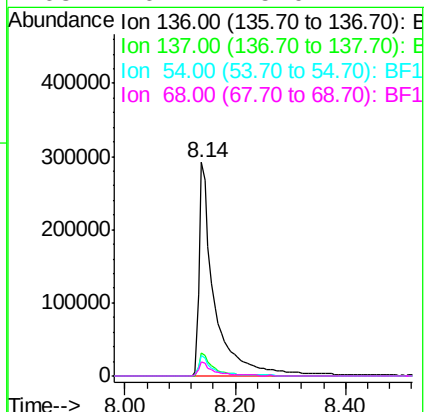
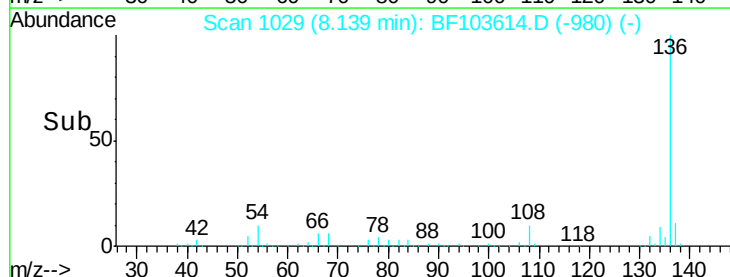
Abundance

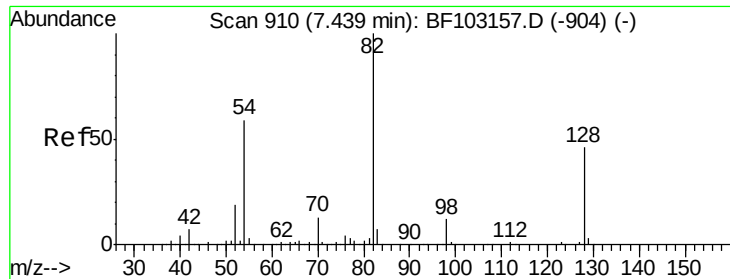
Ion 136.00 (135.70 to 136.70): E

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

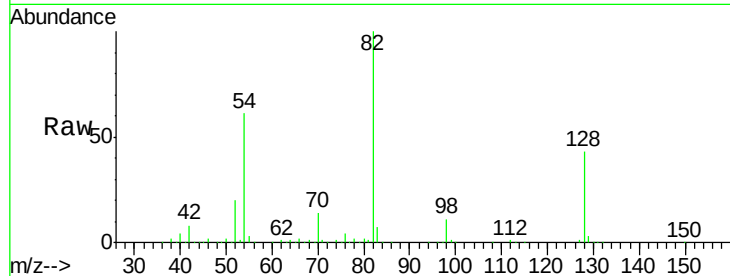




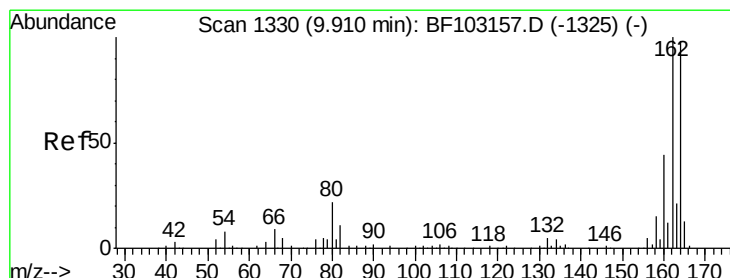
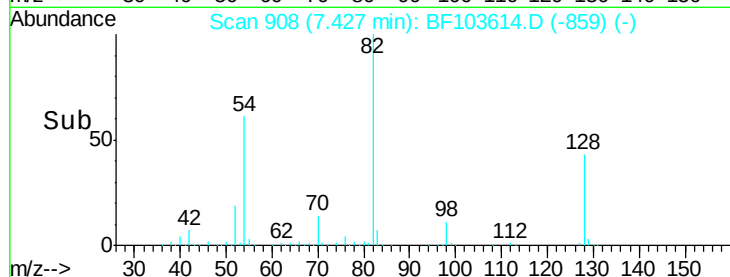
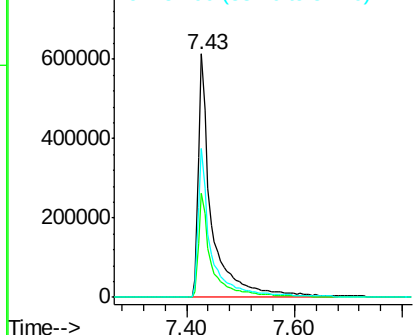
#23
 Nitrobenzene-d5
 Concen: 106.727 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Tot Ion: 82 Resp: 1063134

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	61.0	41.4	62.2



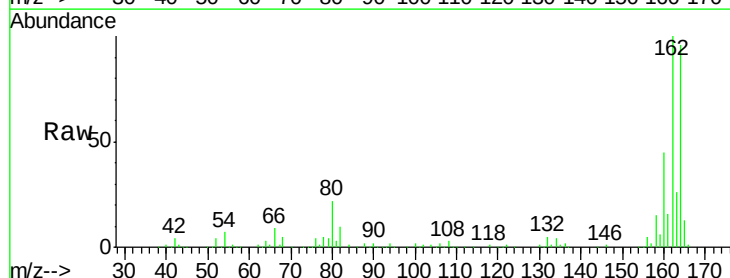
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



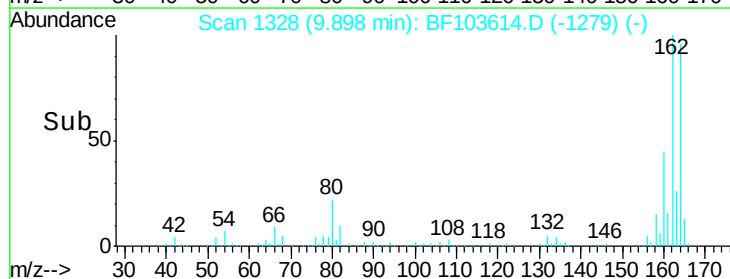
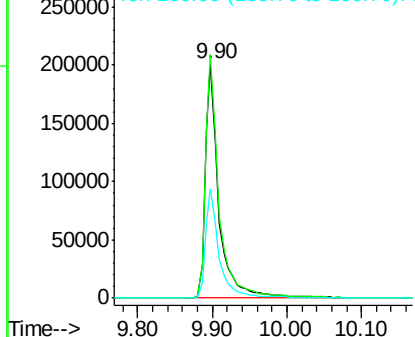
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

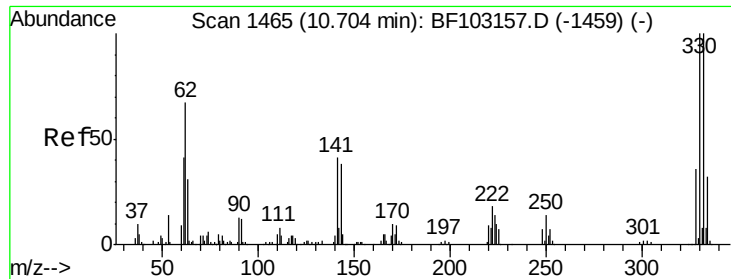
Tgt Ion: 164 Resp: 256937

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.7	38.3	57.5



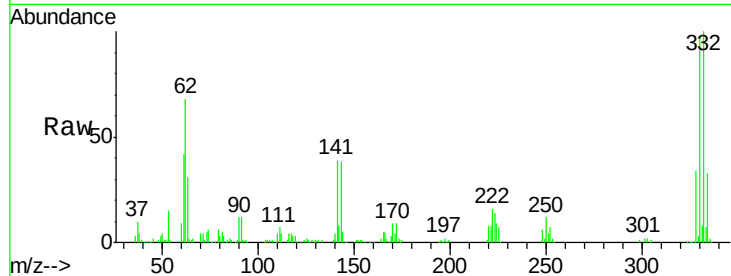
Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1



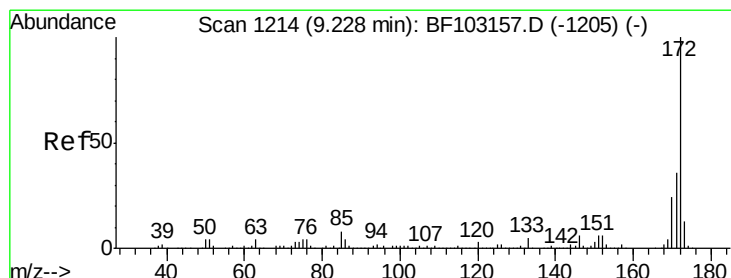
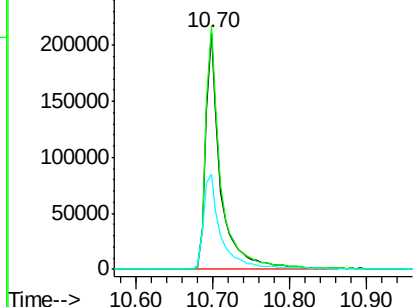
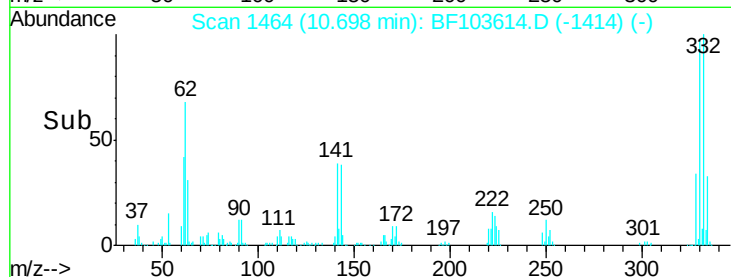


#41
 2,4,6-Tribromophenol
 Concen: 131.722 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.8	77.0	115.6
141	48.1	29.9	44.9

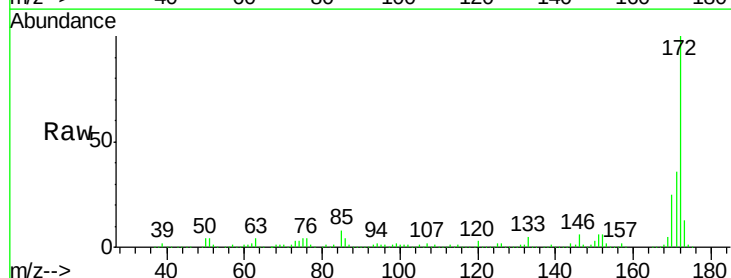


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

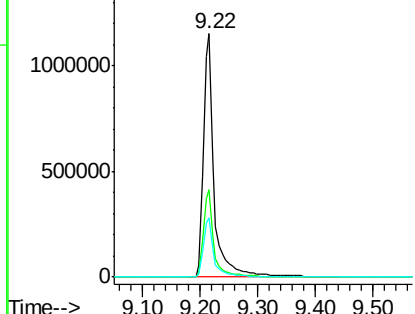
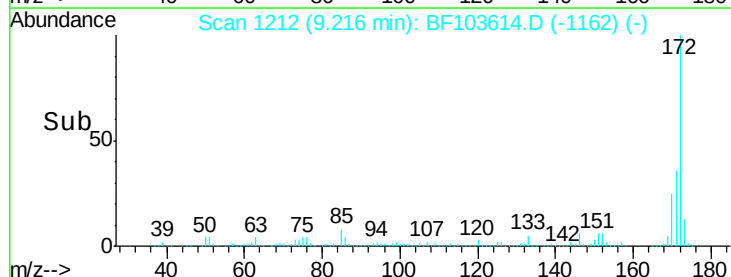


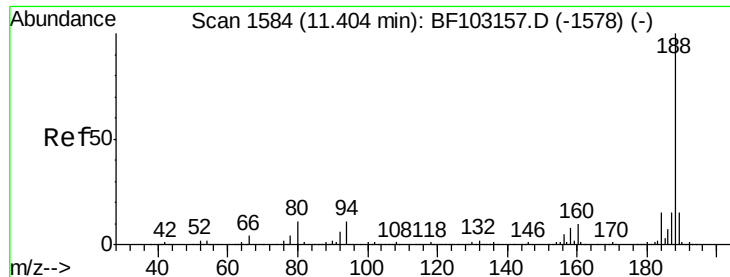
#44
 2-Fluorobiphenyl
 Concen: 109.099 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4



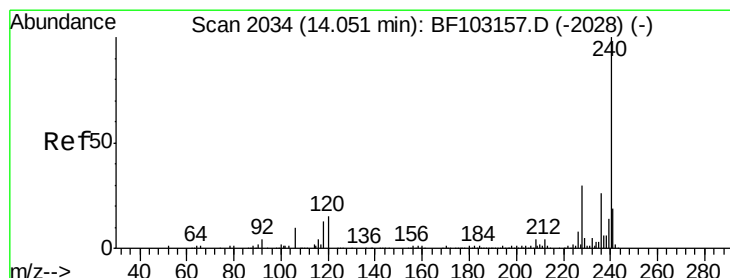
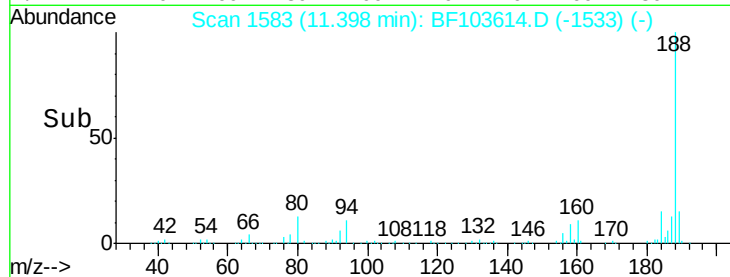
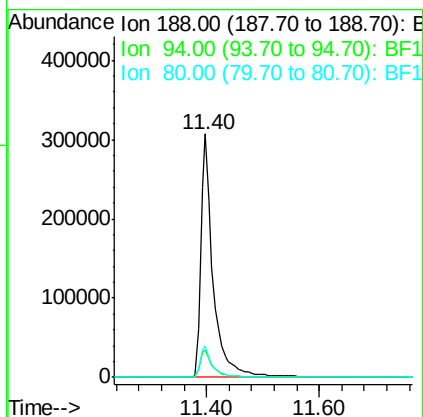
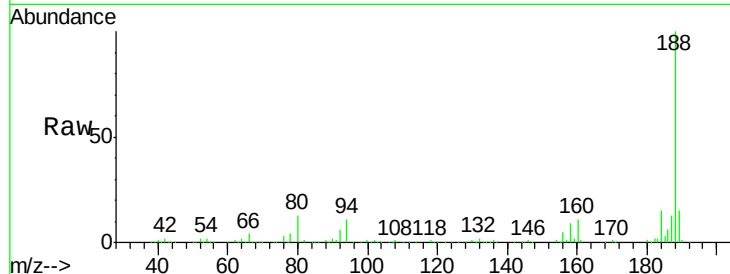
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





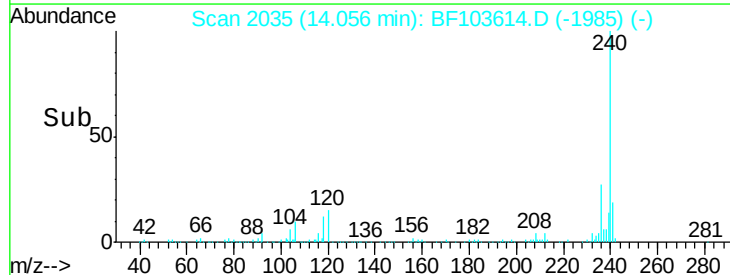
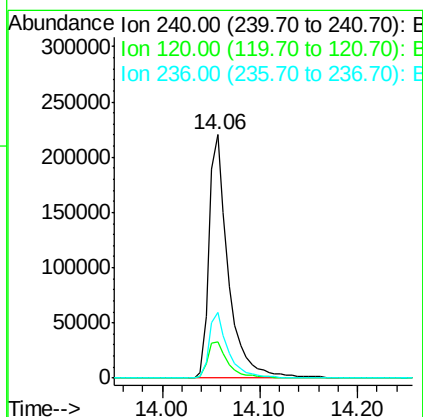
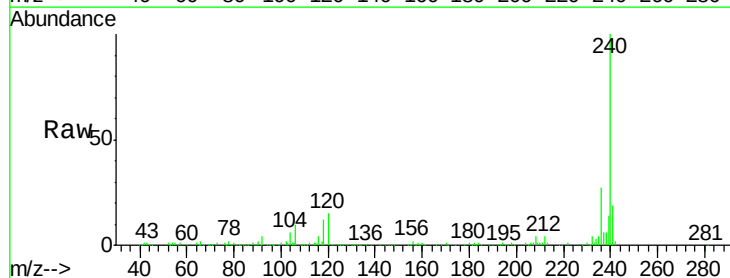
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

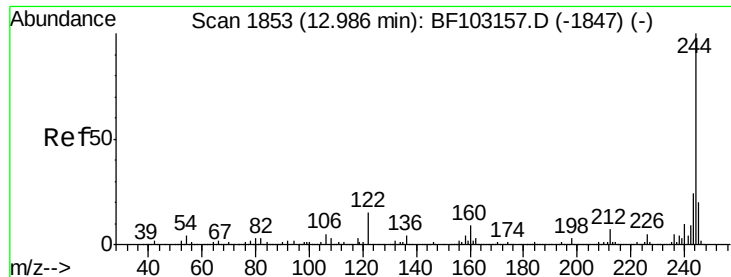
Tot Ion:188 Resp: 463234
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

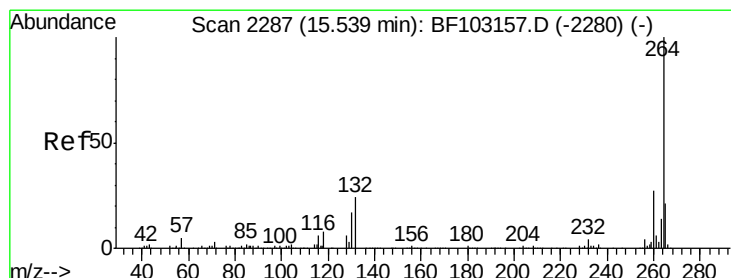
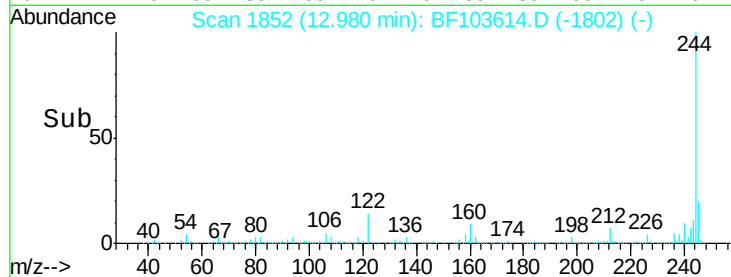
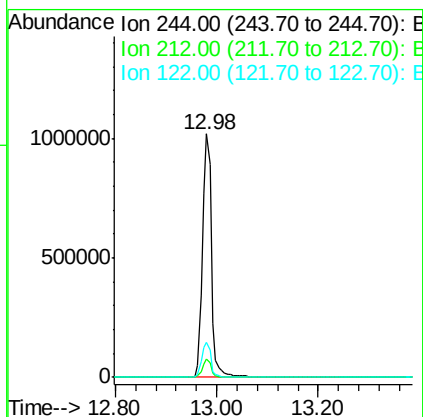
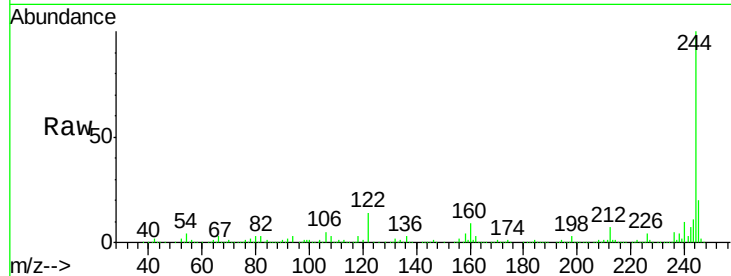
Tgt Ion:240 Resp: 300880
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.8 20.7 31.1





#78
 Terphenyl-d14
 Concen: 100.280 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Tot Ion:244 Resp: 1255150
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 14.2 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: BF103614.D
 Acq: 13 Mar 2018 19:42

Tgt Ion:264 Resp: 241999
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.2 17.5 26.3

