

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103634.D
 Acq On : 14 Mar 2018 6:48
 Operator : SJ/JU
 Sample : J1895-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

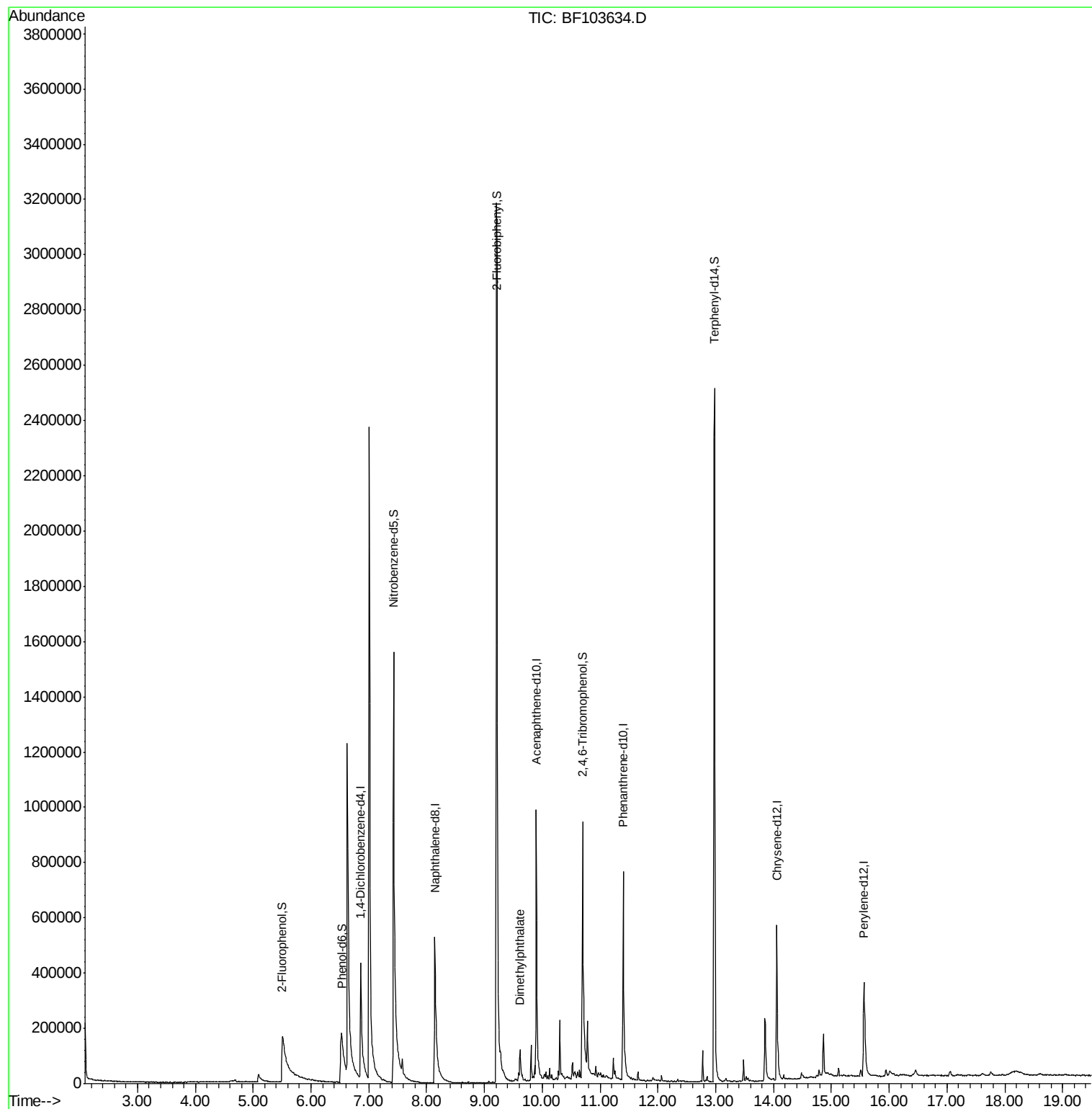
Quant Time: Mar 14 11:30:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136604	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	594316	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	258693	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	449325	20.00	ng	0.00
75) Chrysene-d12	14.06	240	262525	20.00	ng	0.00
86) Perylene-d12	15.57	264	246213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	261655	28.97	ng	0.02
7) Phenol-d6	6.53	99	221897	20.08	ng	0.02
23) Nitrobenzene-d5	7.43	82	983292	94.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	155294	70.92	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1443945	100.32	ng	-0.01
78) Terphenyl-d14	12.98	244	1006956	92.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	71699	3.455	ng	99

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

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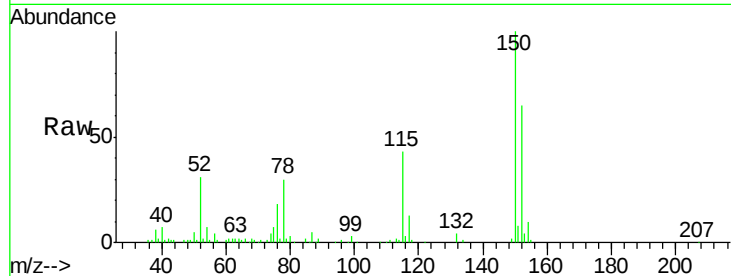




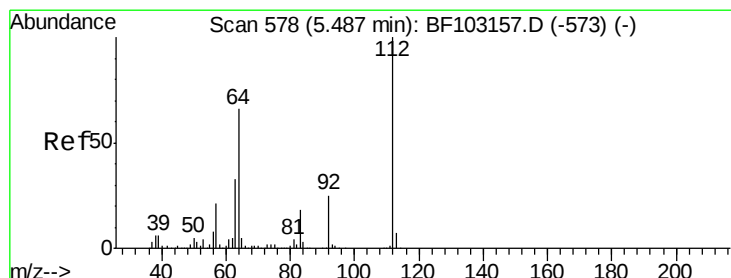
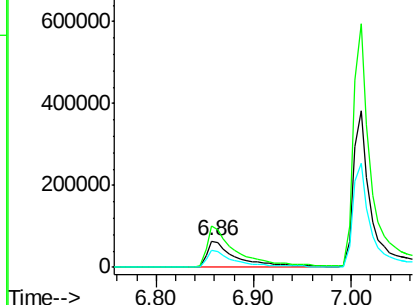
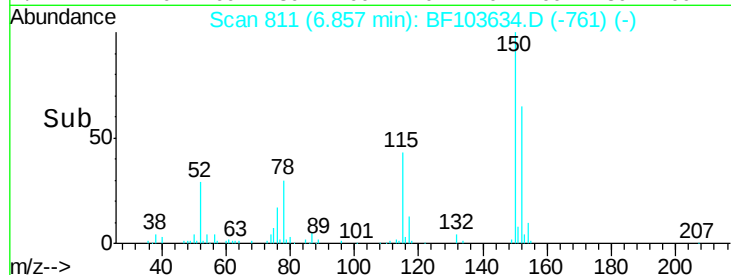
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	65.7	50.1	75.1



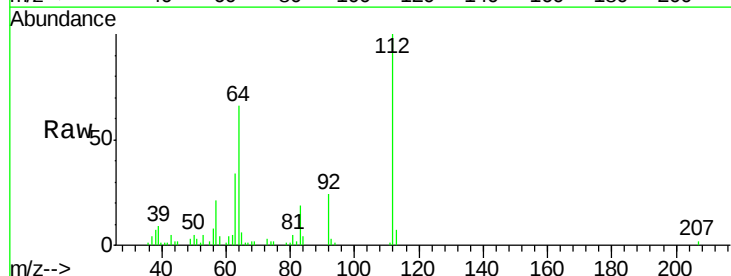
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



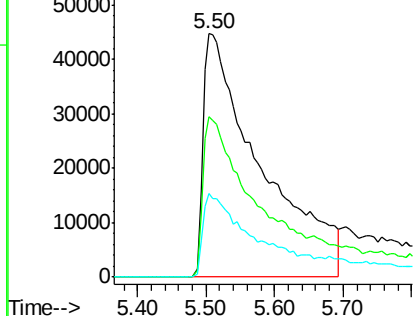
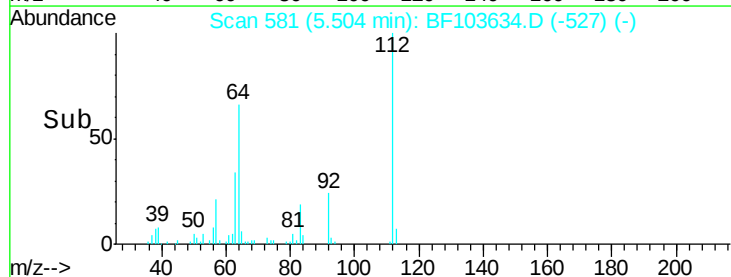
#5

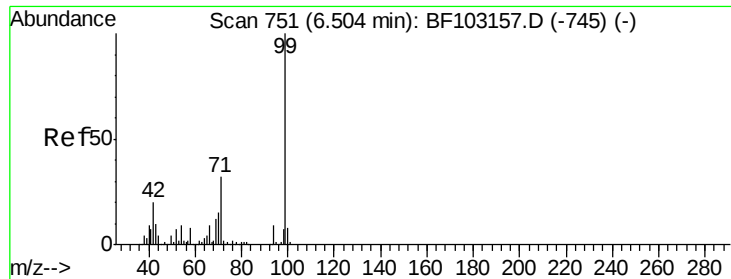
2-Fluorophenol
Concen: 28.969 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	34.1	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: 20.077 ng

RT: 6.53 min Scan# 755

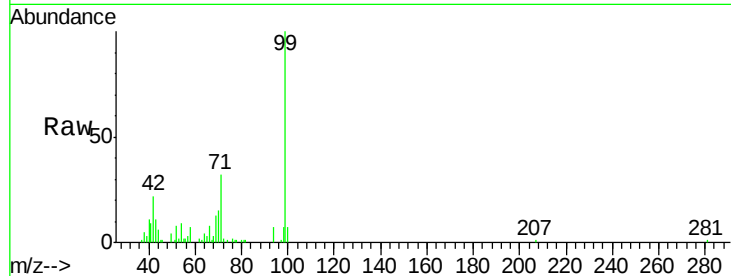
Delta R.T. 0.02 min

Lab File: BF103634.D

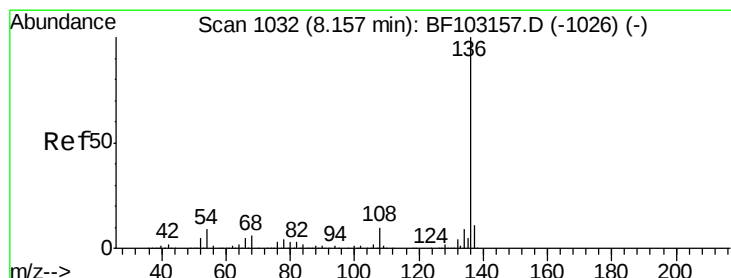
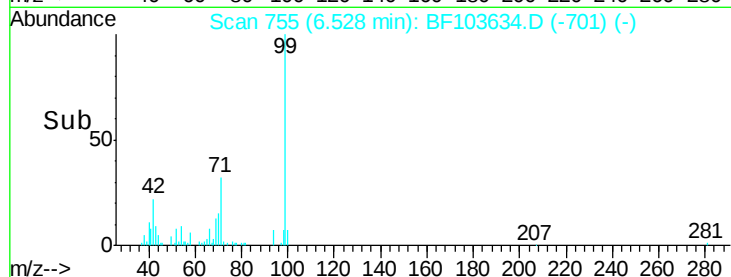
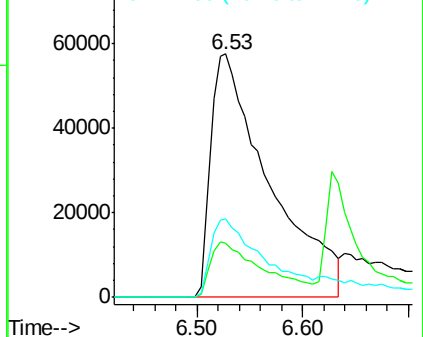
Acq: 14 Mar 2018 6:48

Tot Ion: 99 Resp: 221897

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	32.5	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

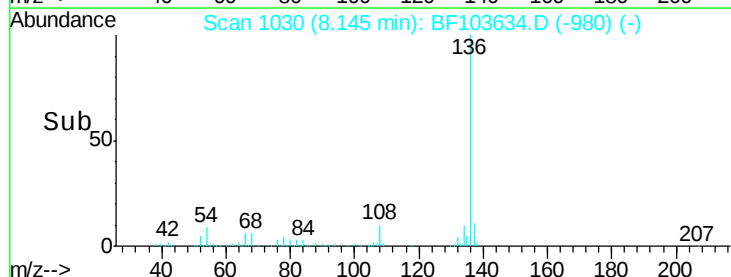
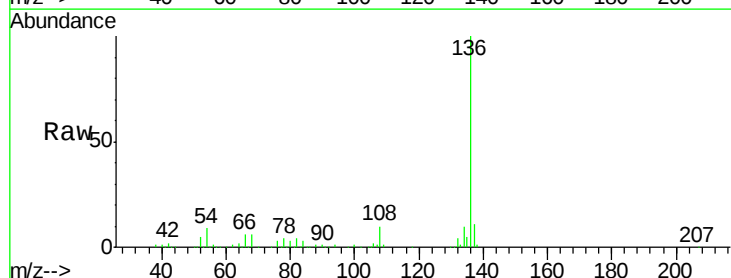
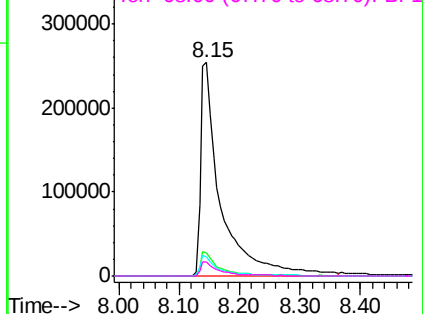
Lab File: BF103634.D

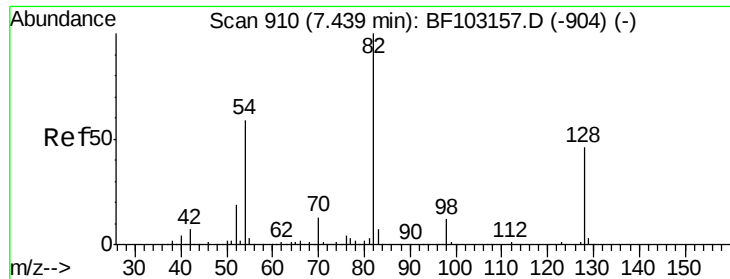
Acq: 14 Mar 2018 6:48

Tgt Ion: 136 Resp: 594316

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.2	6.6	9.8
68	6.4	5.0	7.4

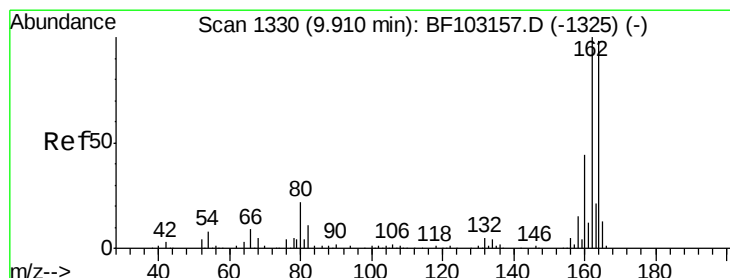
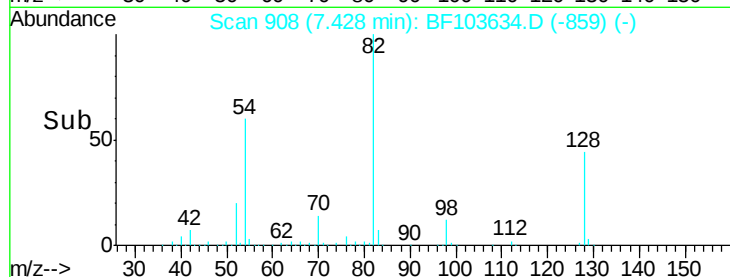
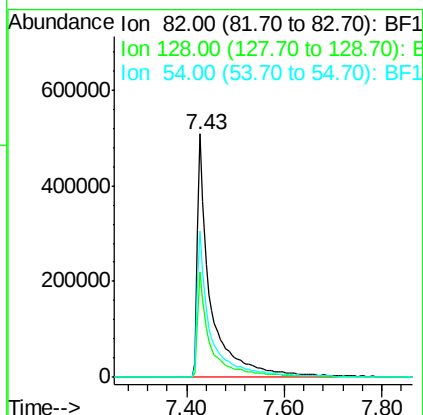
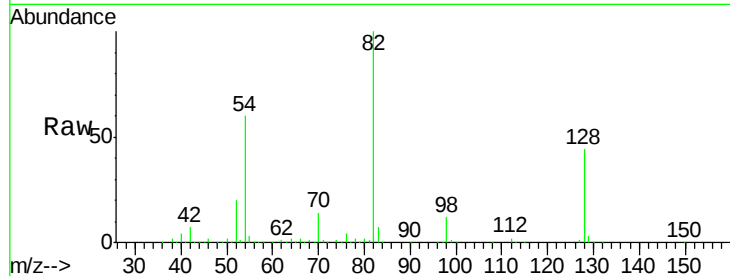
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





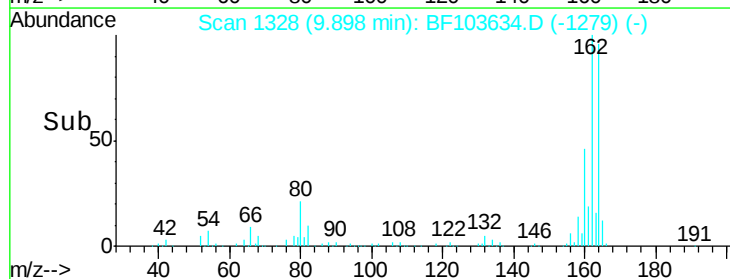
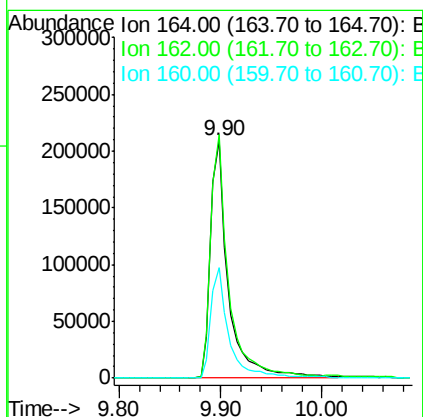
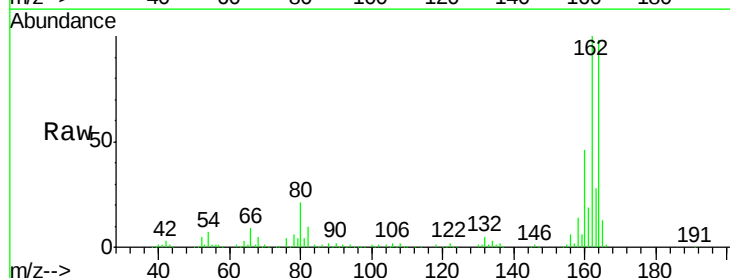
#23
Nitrobenzene-d5
Concen: 94.486 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Tot Ion	82	Resp	983292
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	60.3	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: BF103634.D
Acq: 14 Mar 2018 6:48

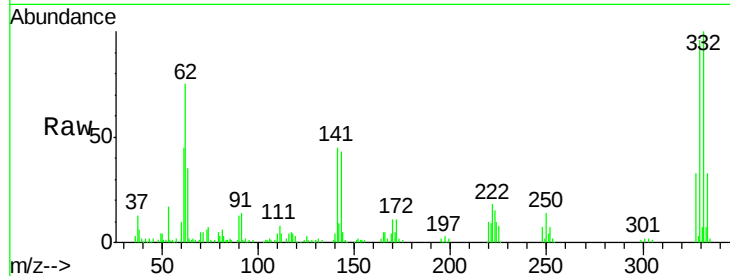
Tgt Ion	164	Resp	258693
Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.8	38.3	57.5



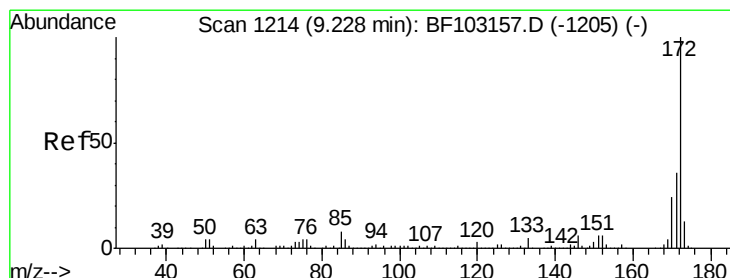
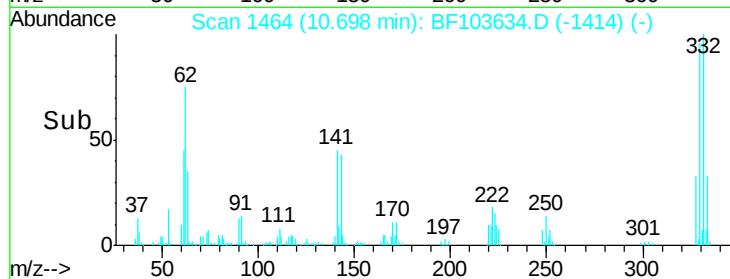
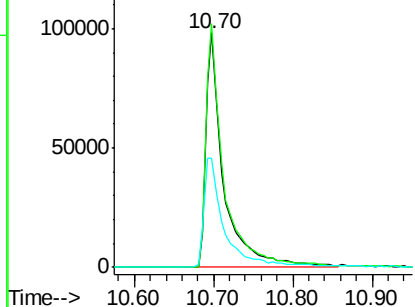


#41
 2,4,6-Tribromophenol
 Concen: 70.920 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103634.D
 Acq: 14 Mar 2018 6:48

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.8	77.0	115.6
141	53.5	29.9	44.9

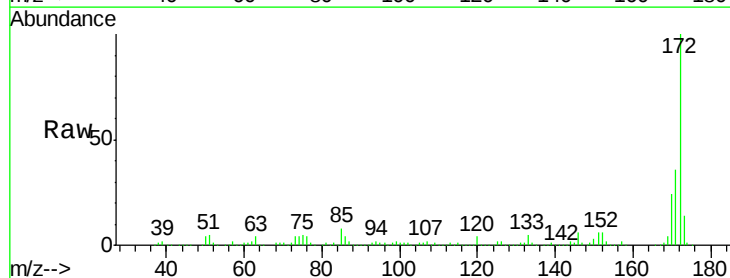


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

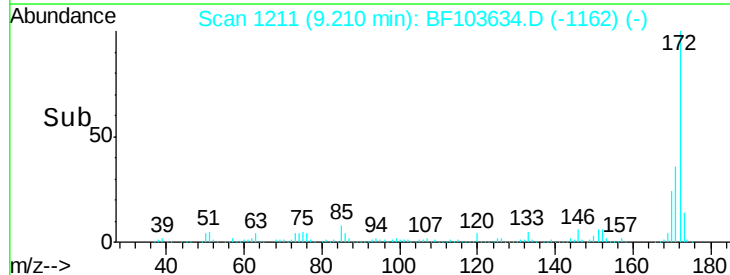
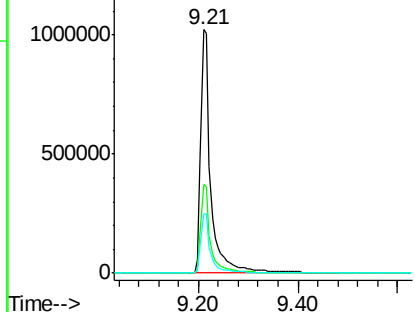


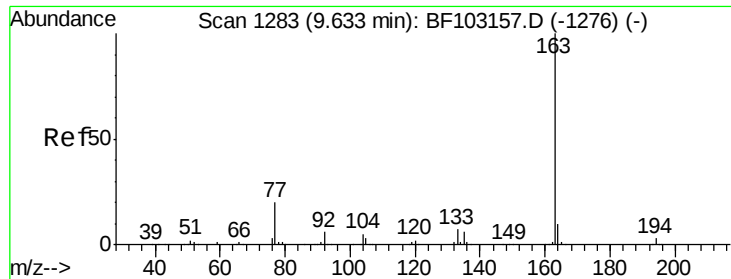
#44
 2-Fluorobiphenyl
 Concen: 100.321 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103634.D
 Acq: 14 Mar 2018 6:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	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





#49

Dimethylphthalate

Concen: 3.455 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

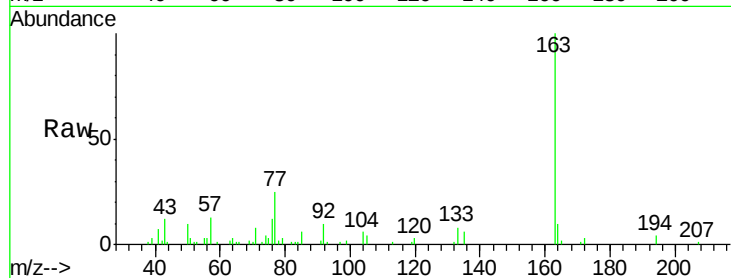
Tot Ion:163 Resp: 71699

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

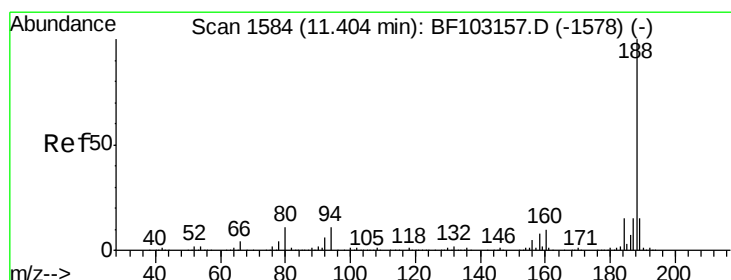
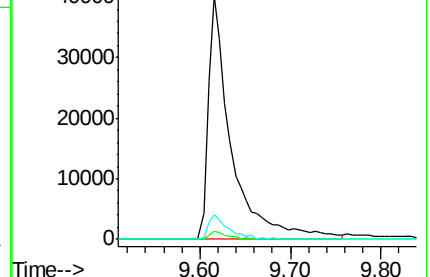
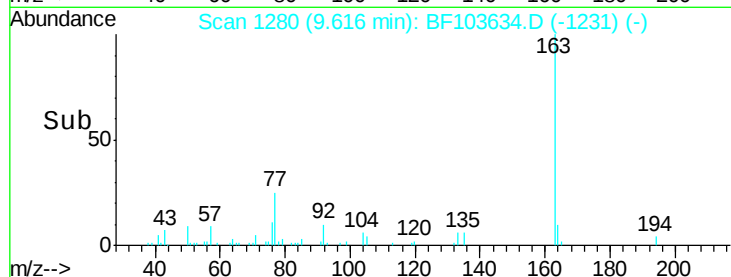
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

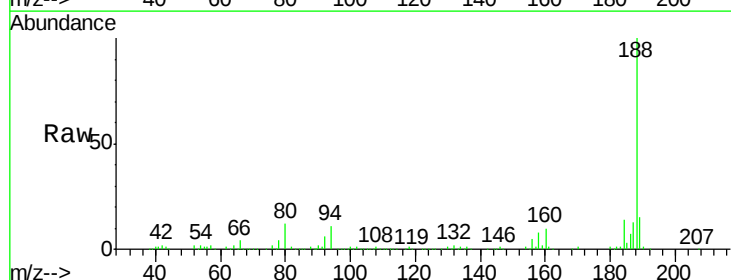
Tgt Ion:188 Resp: 449325

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

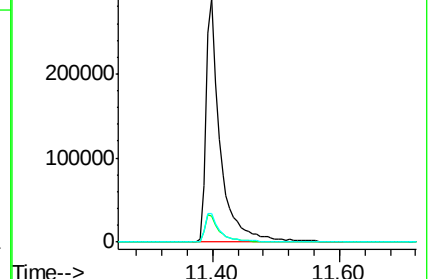
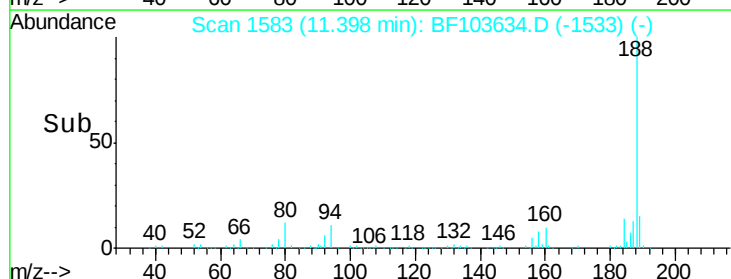
80 11.6 9.2 13.8

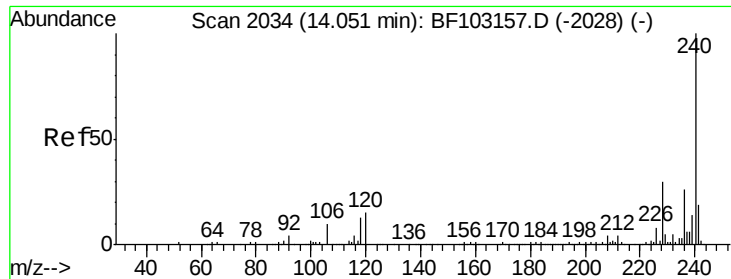


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

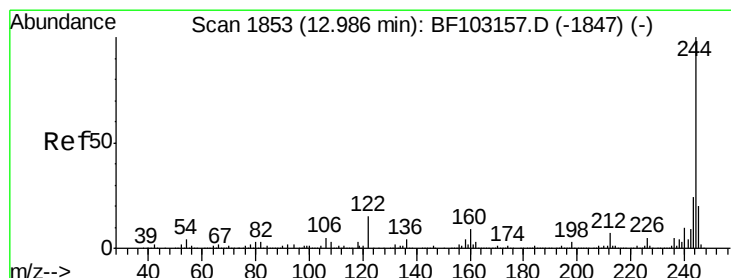
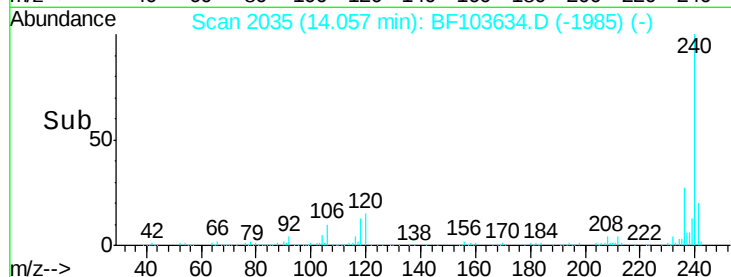
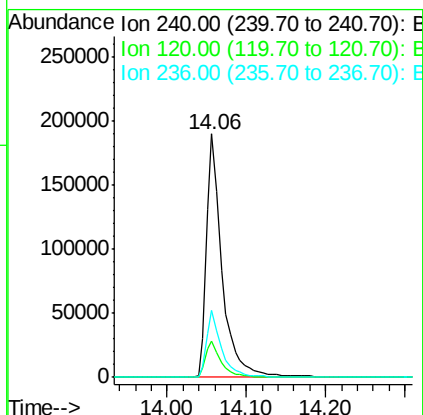
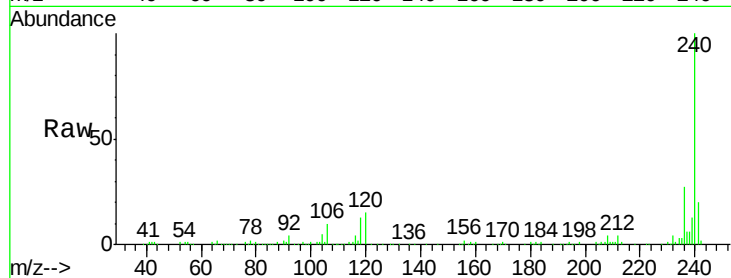
Ion 80.00 (79.70 to 80.70): BF1





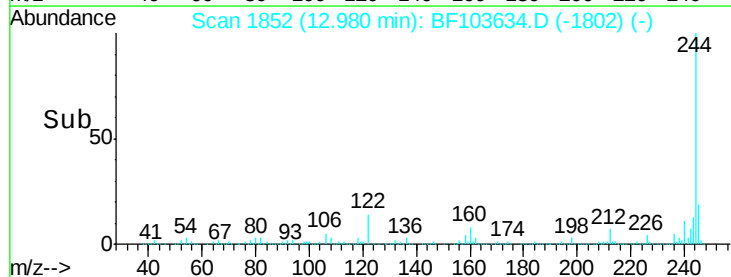
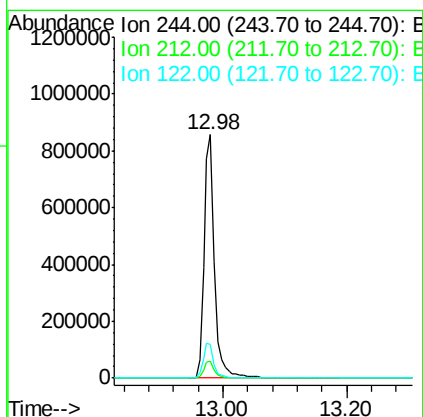
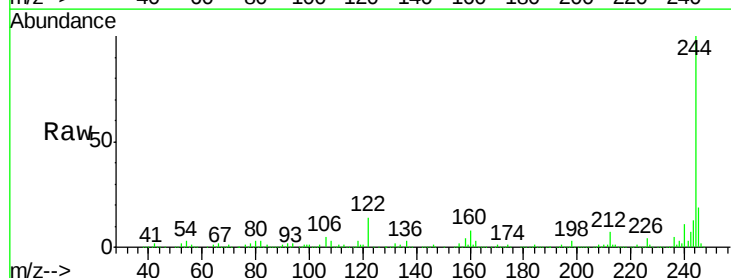
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

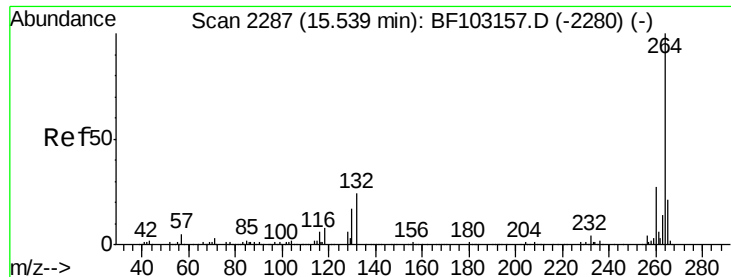
Tot Ion:240 Resp: 262525
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 27.5 20.7 31.1



#78
Terphenyl-d14
Concen: 92.204 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

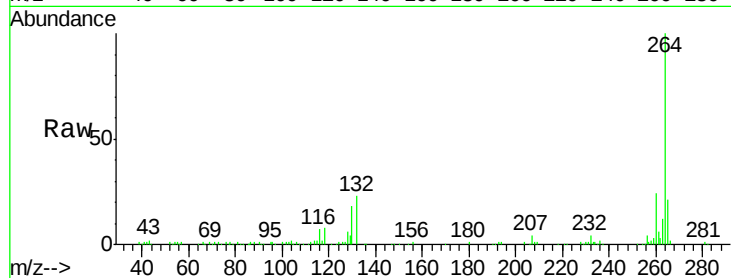
Tgt Ion:244 Resp: 1006956
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.7 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103634.D
 Acq: 14 Mar 2018 6:48

Tot Ion:	264	Resp:	246213
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	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

