

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103624.D
 Acq On : 14 Mar 2018 2:23
 Operator : SJ/JU
 Sample : J1885-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

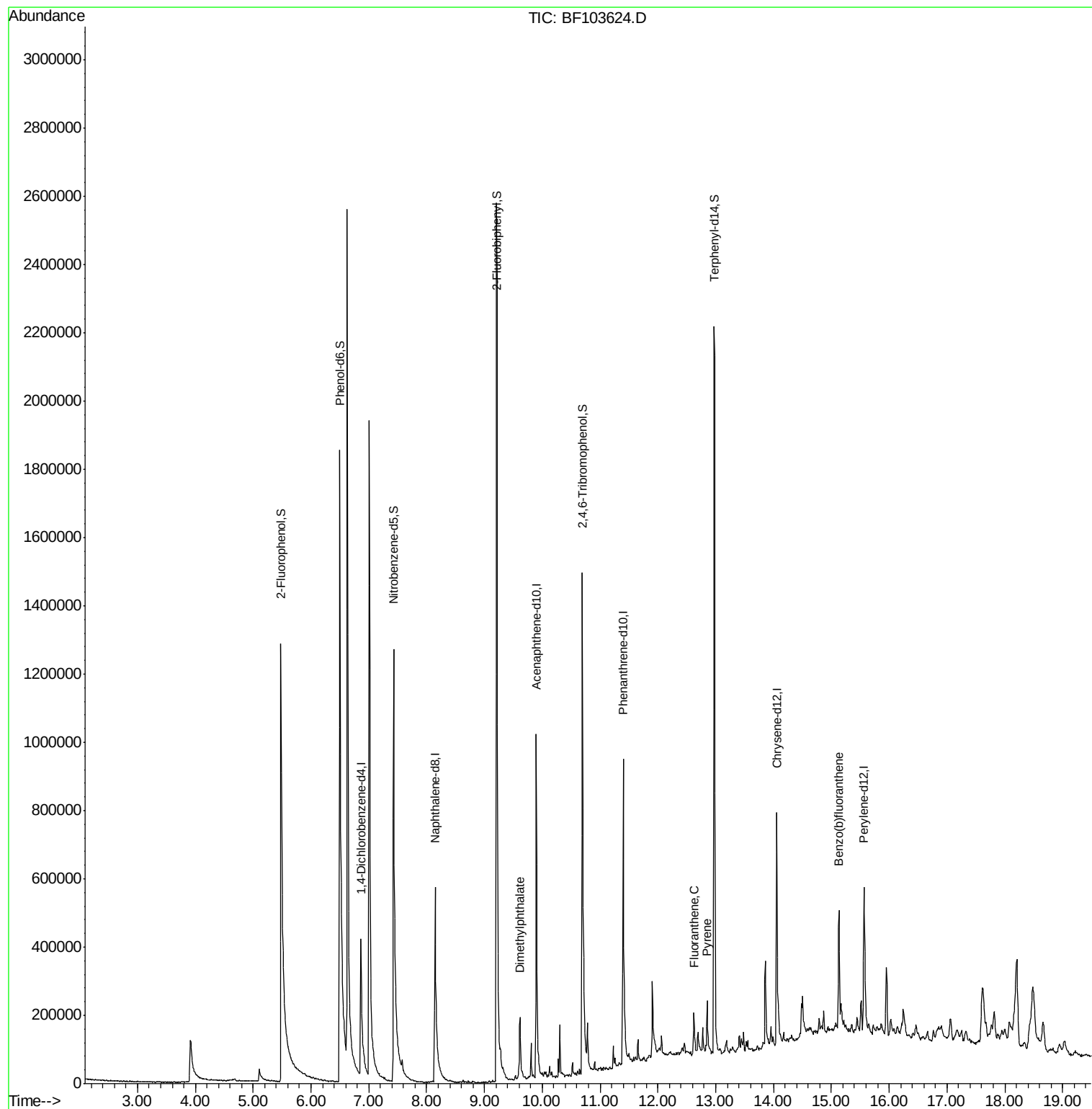
Quant Time: Mar 14 12:03:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

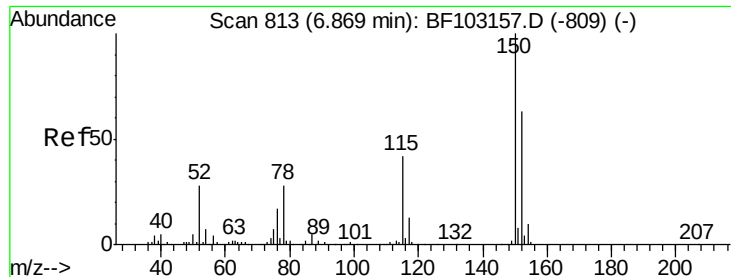
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137407	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	618151	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	271801	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	486076	20.00	ng	0.00
75) Chrysene-d12	14.06	240	274289	20.00	ng	0.00
86) Perylene-d12	15.57	264	262663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	976412	107.47	ng	0.00
7) Phenol-d6	6.50	99	1210992	108.93	ng	-0.01
23) Nitrobenzene-d5	7.43	82	865250	79.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	227000	98.67	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1142611	69.26	ng	-0.01
78) Terphenyl-d14	12.98	244	809990	70.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	119392	5.476	ng	98
74) Fluoranthene	12.62	202	64410	2.396	ng	97
77) Pyrene	12.86	202	61762	2.888	ng	99
87) Benzo(b)fluoranthene	15.13	252	36275m	2.100	ng	

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

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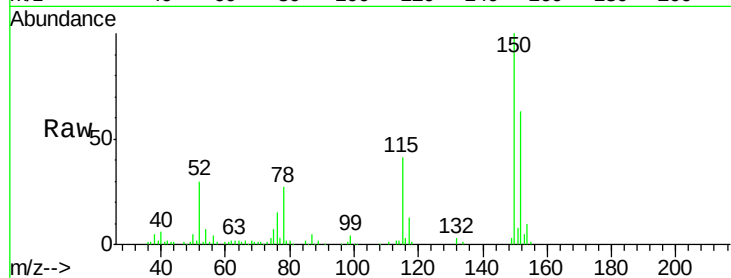




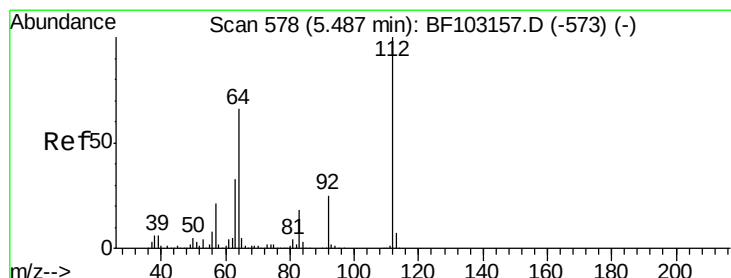
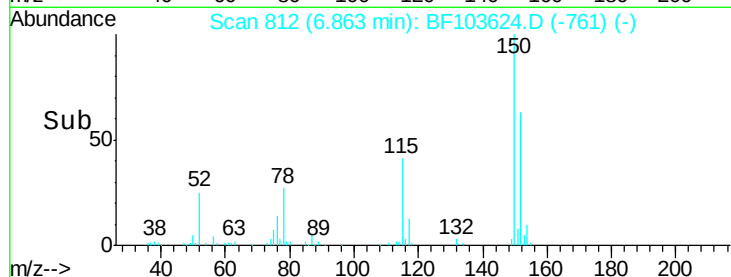
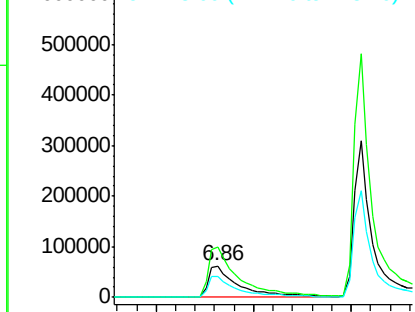
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103624.D
Acq: 14 Mar 2018 2:23

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	65.0	50.1	75.1



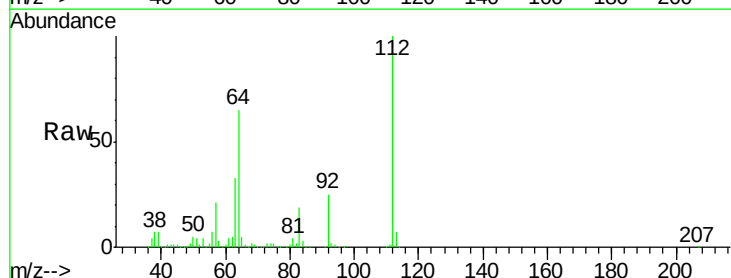
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



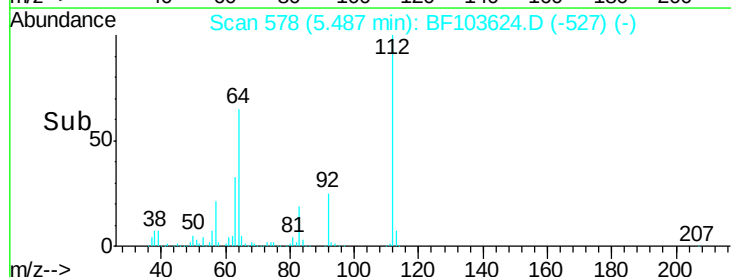
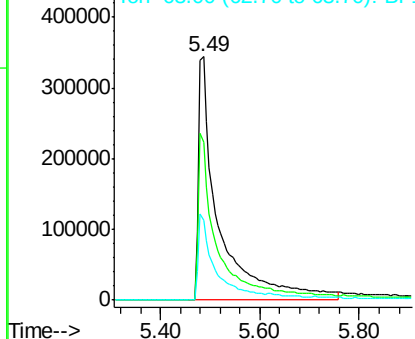
#5

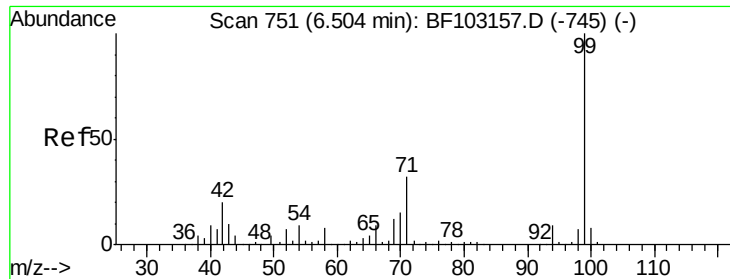
2-Fluorophenol
Concen: 107.473 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103624.D
Acq: 14 Mar 2018 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	32.8	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: 108.931 ng

RT: 6.50 min Scan# 750

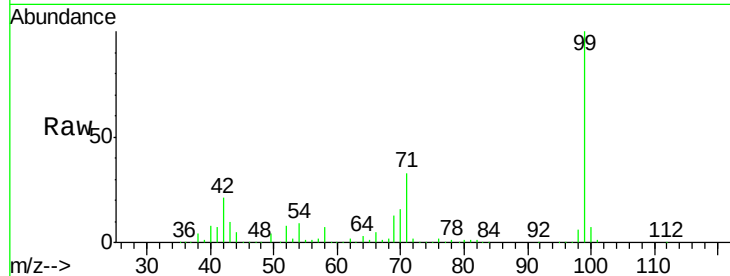
Delta R.T. -0.01 min

Lab File: BF103624.D

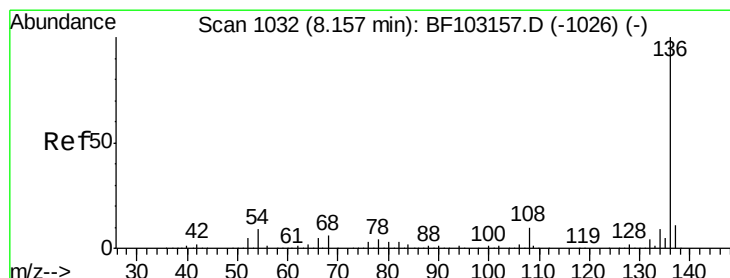
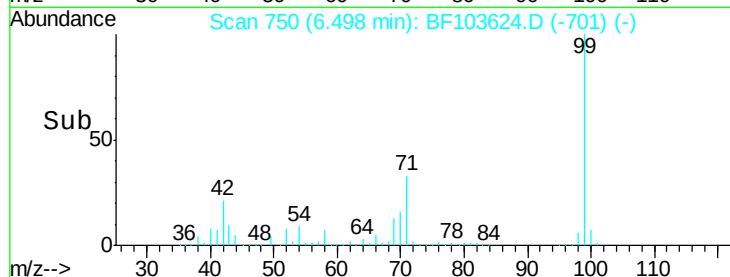
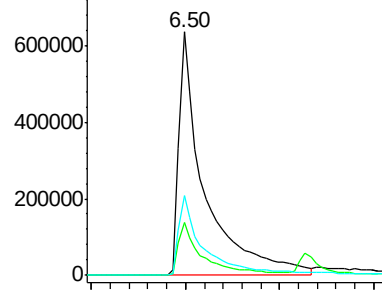
Acq: 14 Mar 2018 2:23

Tot Ion: 99 Resp: 1210992

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	32.8	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

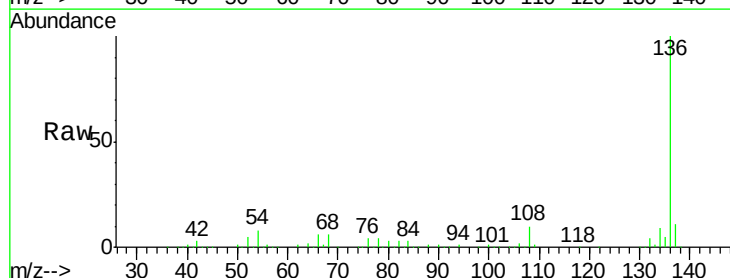
Delta R.T. -0.01 min

Lab File: BF103624.D

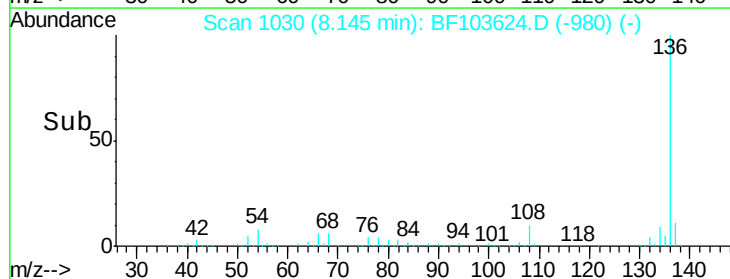
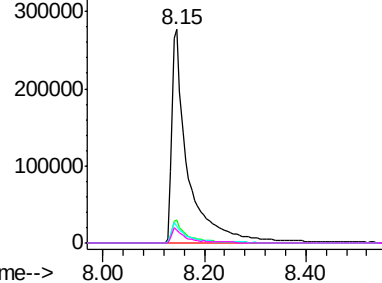
Acq: 14 Mar 2018 2:23

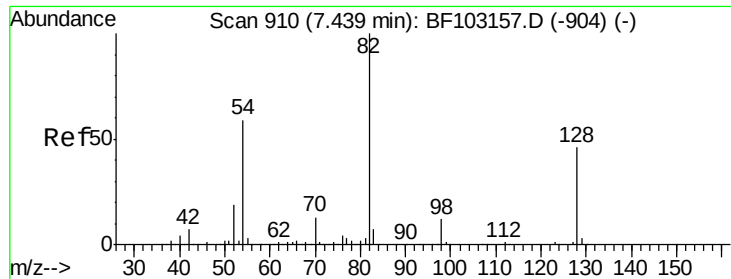
Tgt Ion: 136 Resp: 618151

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	6.3	5.0	7.4



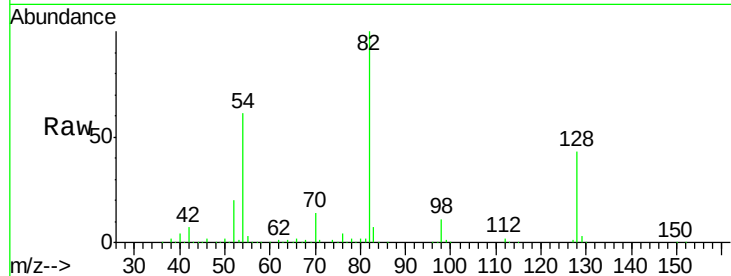
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



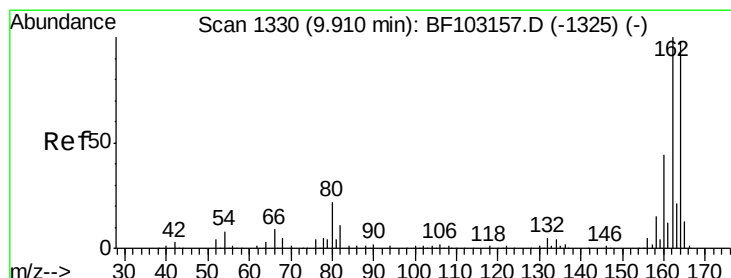
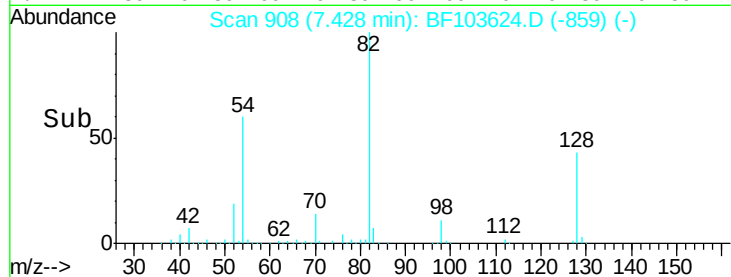
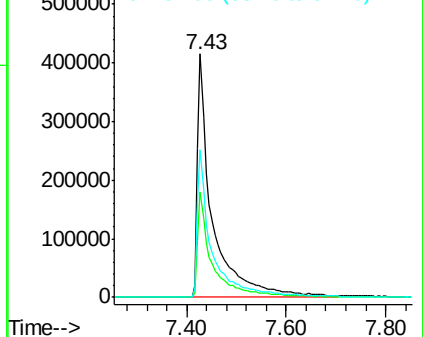


#23
 Nitrobenzene-d5
 Concen: 79.937 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tot Ion	82	Resp	865250
Ion Ratio	Lower	Upper	
82	100		
128	43.4	36.1	54.1
54	60.6	41.4	62.2

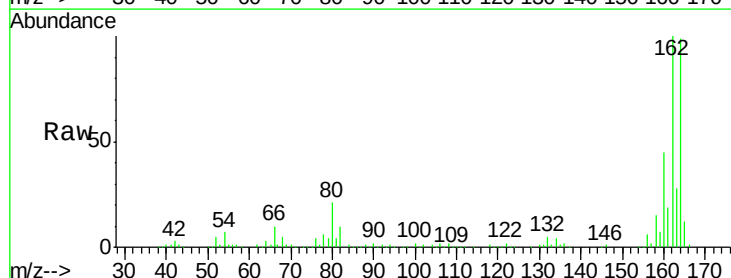


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

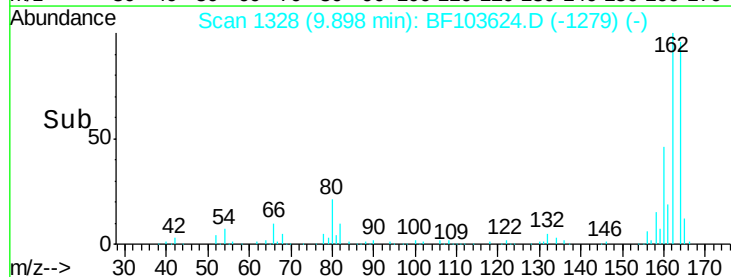
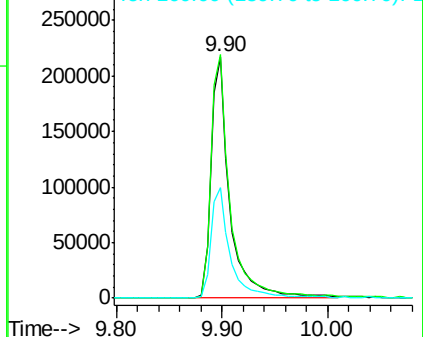


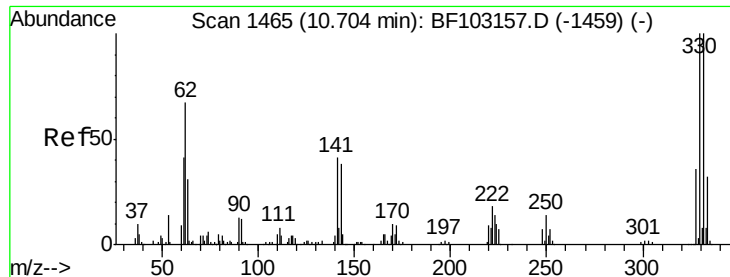
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	164	Resp	271801
Ion Ratio	Lower	Upper	
164	100		
162	101.0	86.1	129.1
160	45.9	38.3	57.5



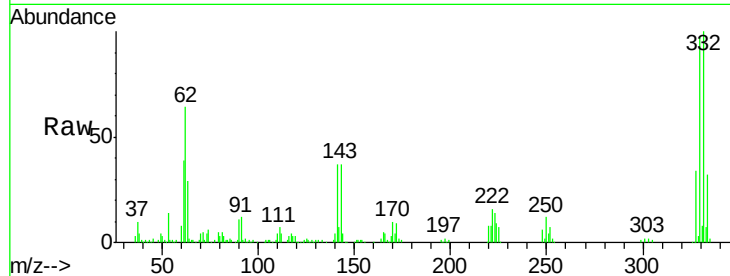
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



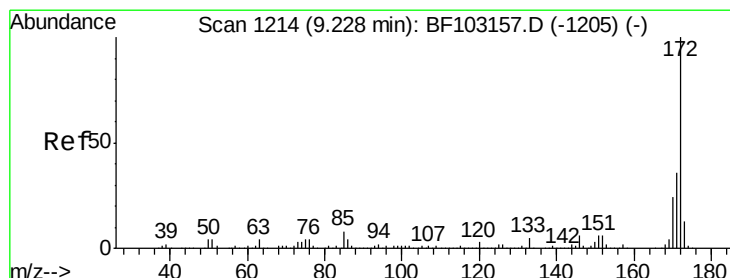
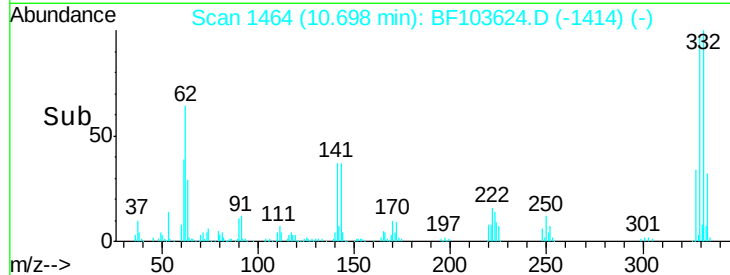
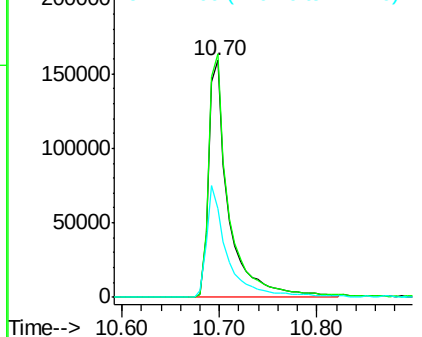


#41
 2,4,6-Tribromophenol
 Concen: 98.668 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tot Ion:330 Resp: 227000
 Ion Ratio Lower Upper
 330 100
 332 104.1 77.0 115.6
 141 49.4 29.9 44.9#

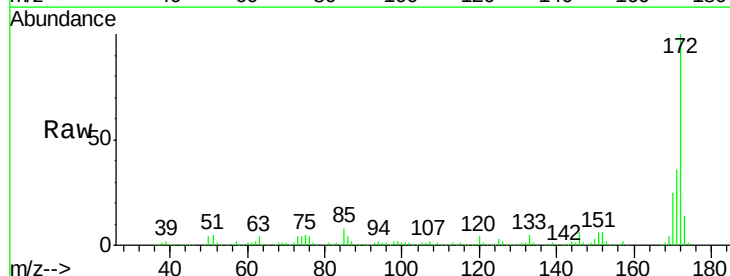


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

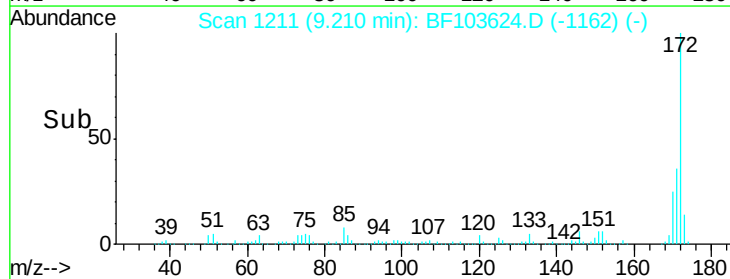
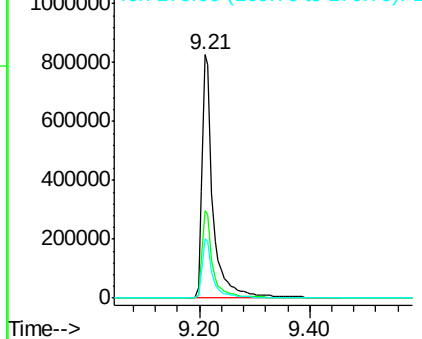


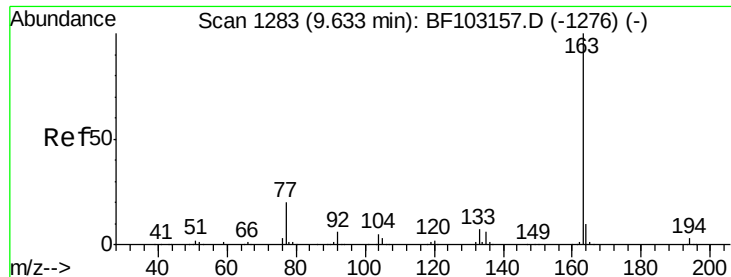
#44
 2-Fluorobiphenyl
 Concen: 69.256 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion:172 Resp: 1142611
 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





#49

Dimethylphthalate

Concen: 5.476 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103624.D

Acq: 14 Mar 2018 2:23

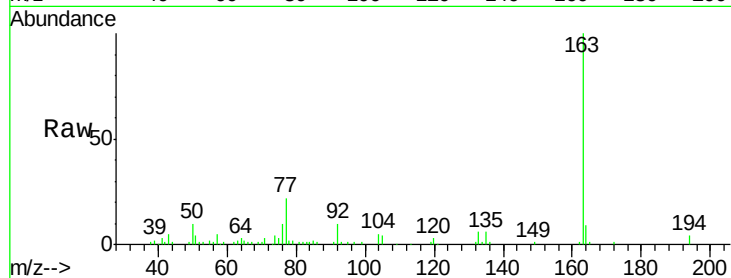
Tot Ion:163 Resp: 119392

Ion Ratio Lower Upper

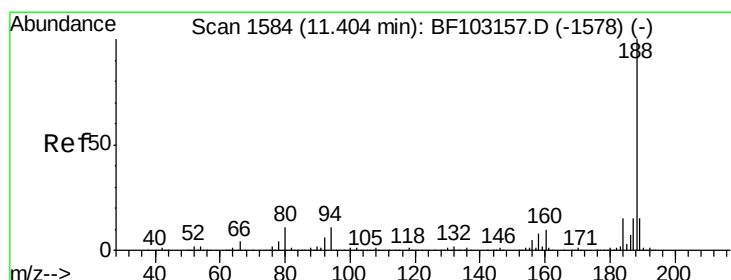
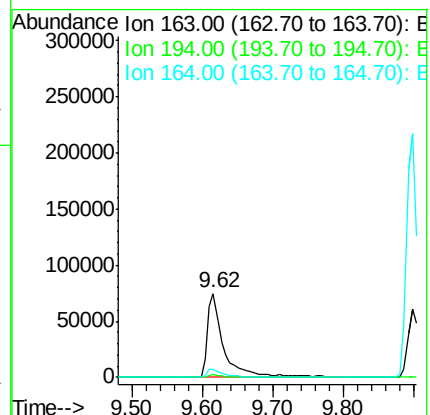
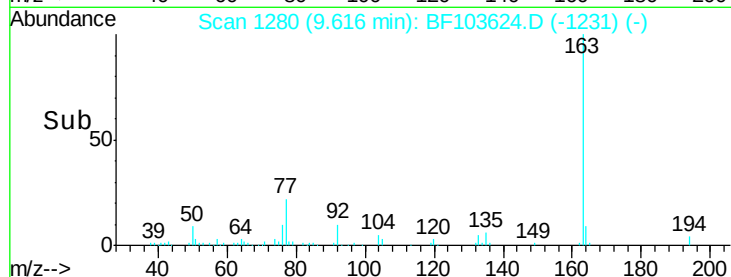
163 100

194 3.5 2.7 4.1

164 9.4 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: BF103624.D

Acq: 14 Mar 2018 2:23

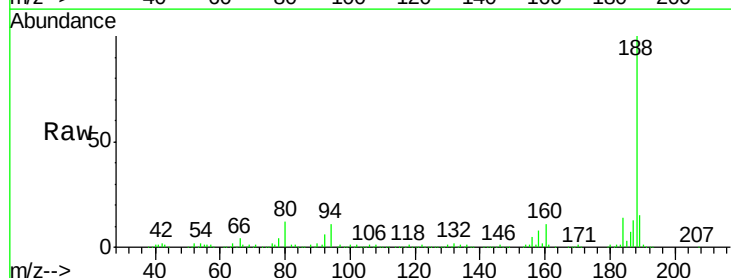
Tgt Ion:188 Resp: 486076

Ion Ratio Lower Upper

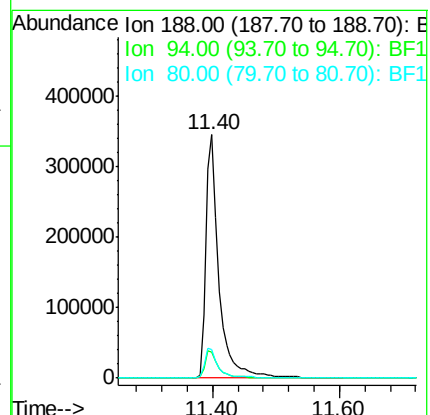
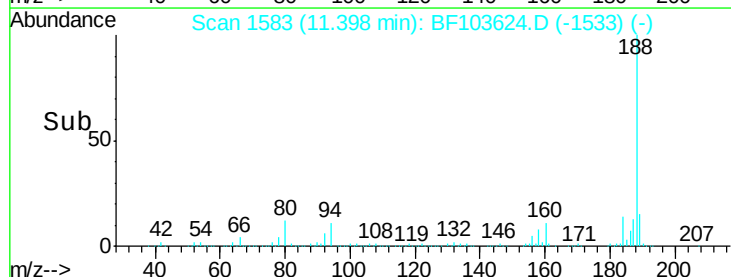
188 100

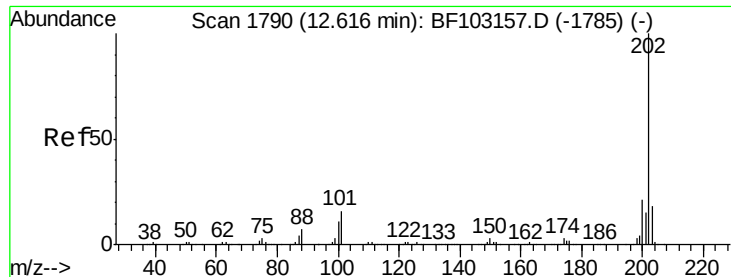
94 10.8 8.5 12.7

80 12.0 9.2 13.8



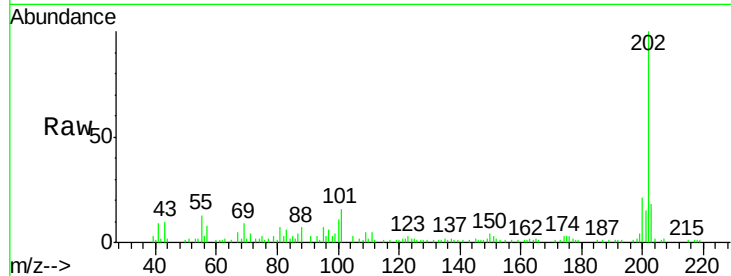
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



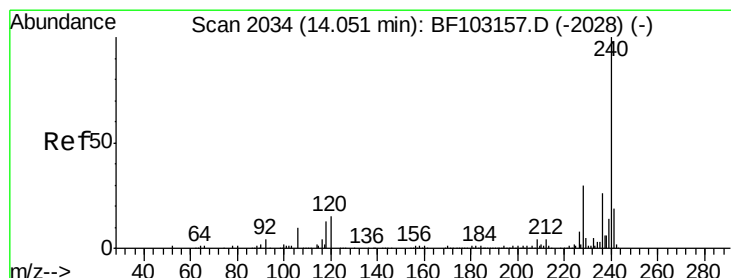
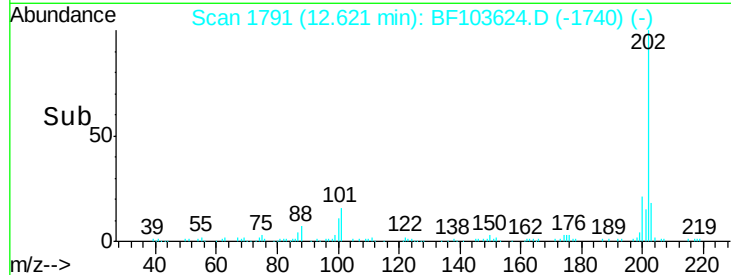
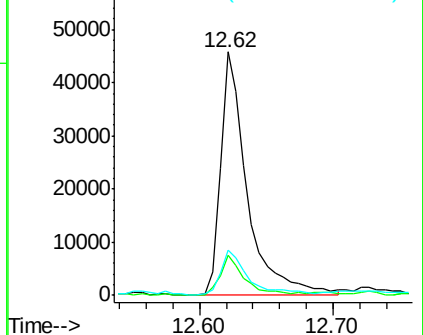


#74
 Fluoranthene
 Concen: 2.396 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tot Ion:	202	Resp:	64410
Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	34.1
203	18.3	0.0	38.1

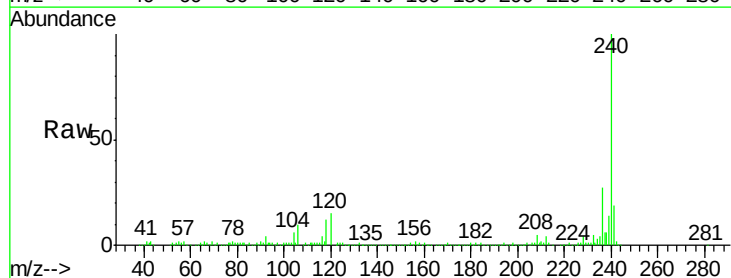


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

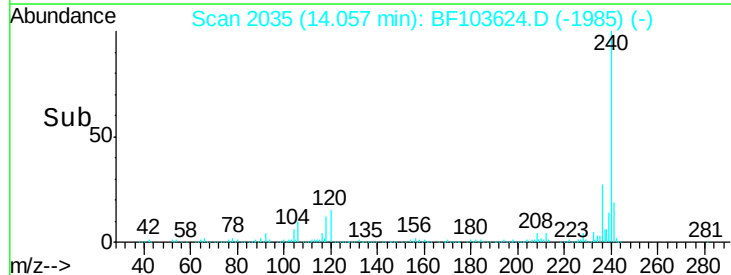
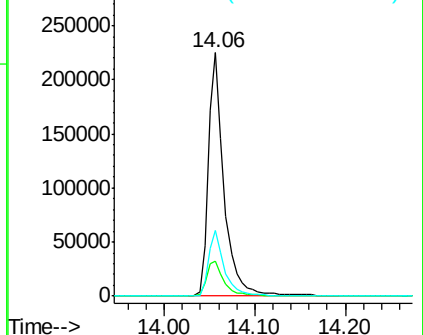


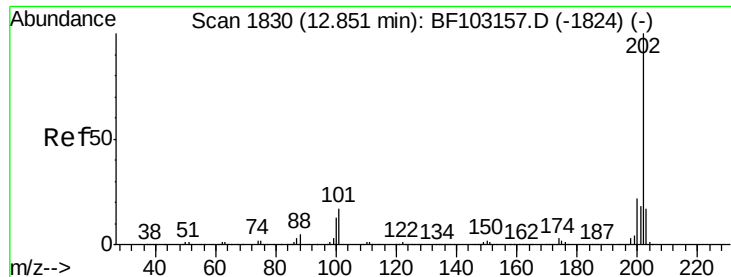
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion:	240	Resp:	274289
Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.9	20.7	31.1



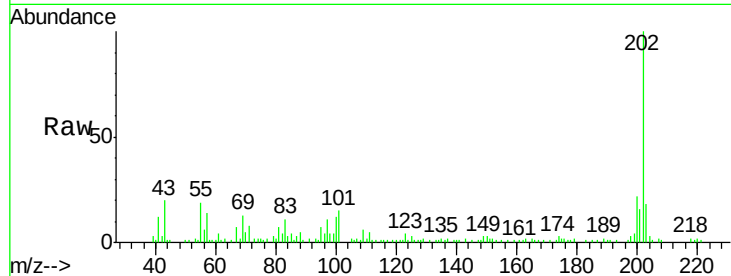
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



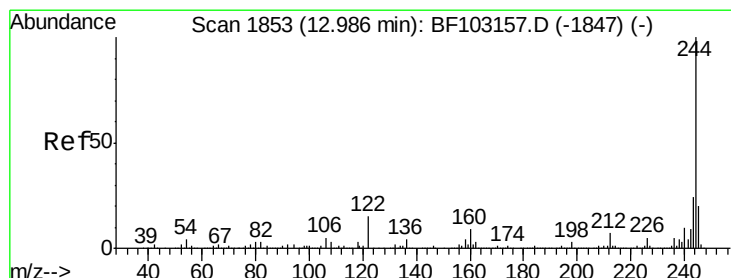
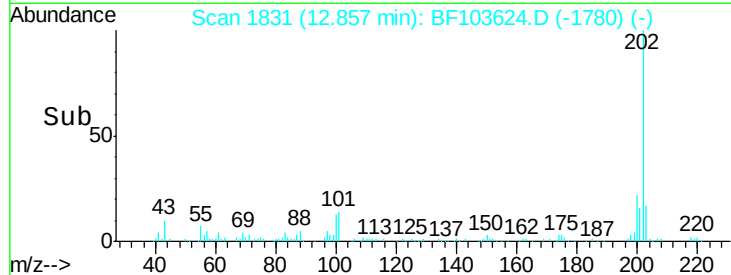
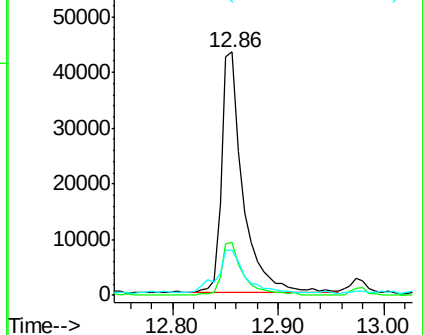


#77
 Pvrene
 Concen: 2.888 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tot Ion:	202	Resp:	61762
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.4	14.3	21.5

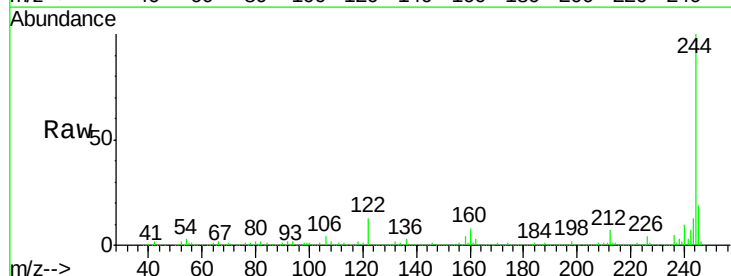


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

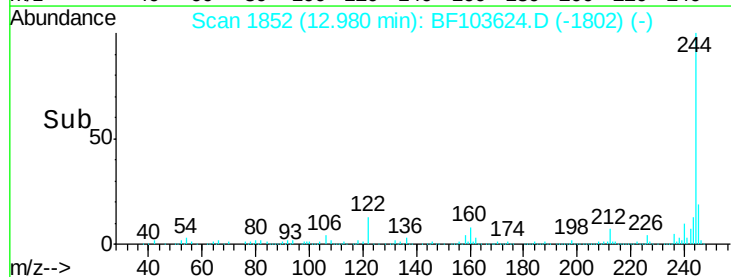
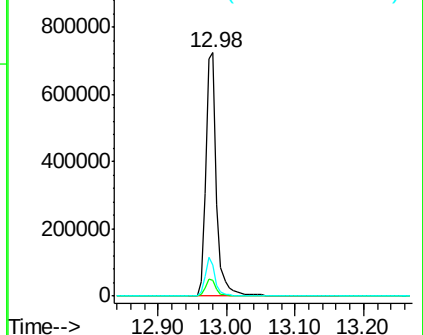


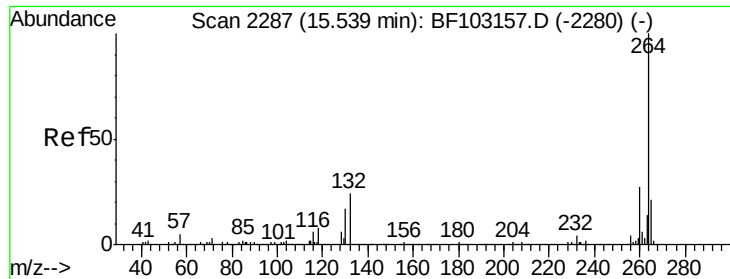
#78
 Terphenyl-d14
 Concen: 70.987 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion:	244	Resp:	809990
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4



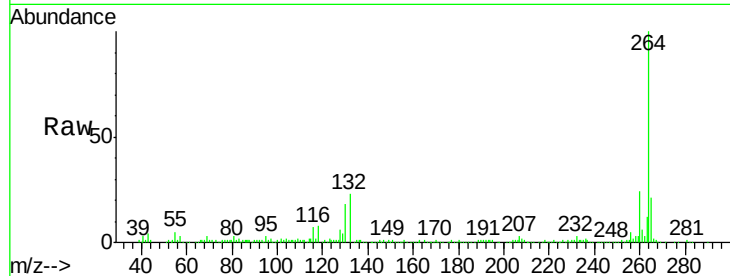
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



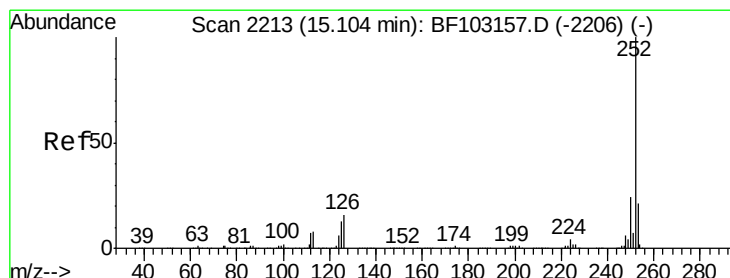
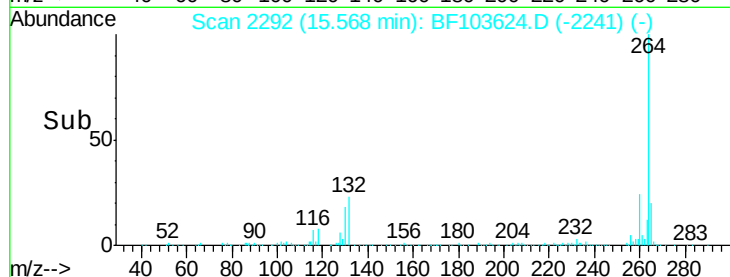
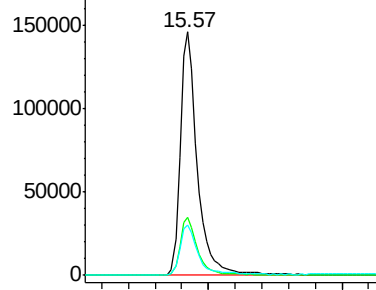


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tot Ion:264 Resp: 262663
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.6 17.5 26.3

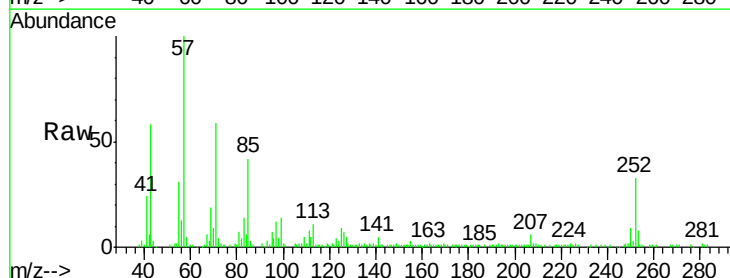


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



#87
 Benzo(b)fluoranthene
 Concen: 2.100 ng m
 RT: 15.13 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion:252 Resp: 36275
 Ion Ratio Lower Upper
 252 100
 253 25.0 17.0 25.6
 125 28.2 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

