

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103394.D
 Acq On : 3 Mar 2018 6:04
 Operator : SJ/JU
 Sample : J1735-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5SDM

Quant Time: Mar 05 00:22:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130604	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	542041	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	207368	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	294458	20.00	ng	0.00
75) Chrysene-d12	14.07	240	209484	20.00	ng	0.00
86) Perylene-d12	15.59	264	147453	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	645330	74.73	ng	0.00
7) Phenol-d6	6.51	99	774906	73.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	470673	49.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	92399	52.64	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	754761	58.00	ng	0.00
78) Terphenyl-d14	13.00	244	497368	57.07	ng	0.00

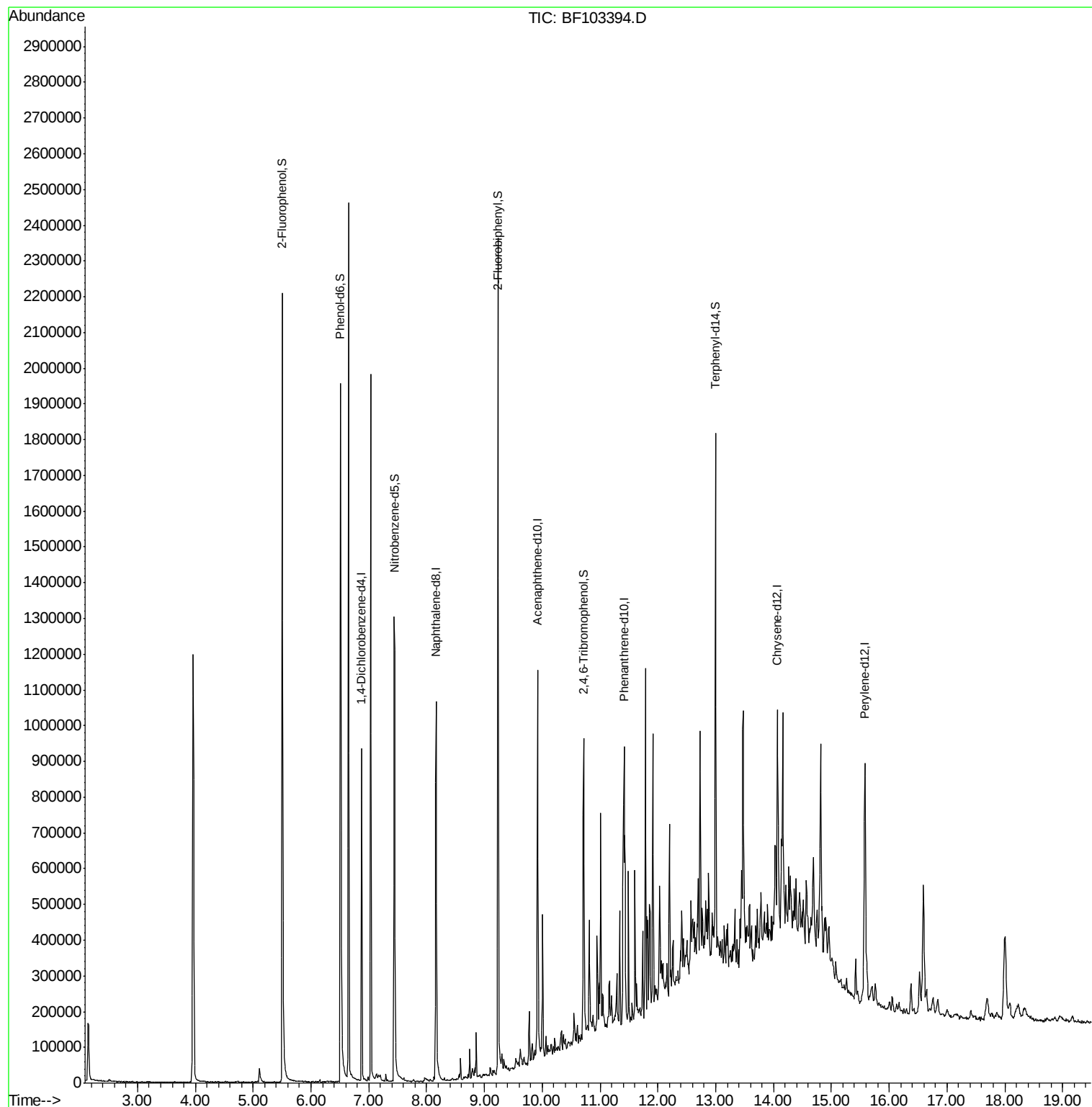
Target Compounds Qvalue

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

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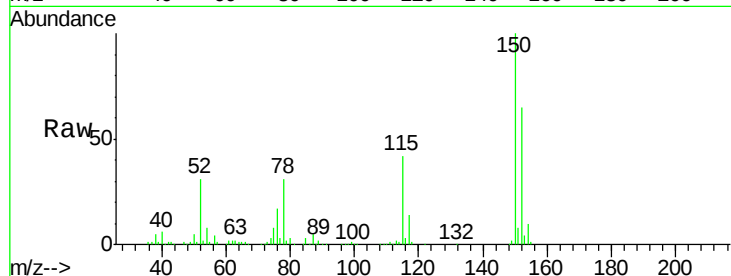


#1

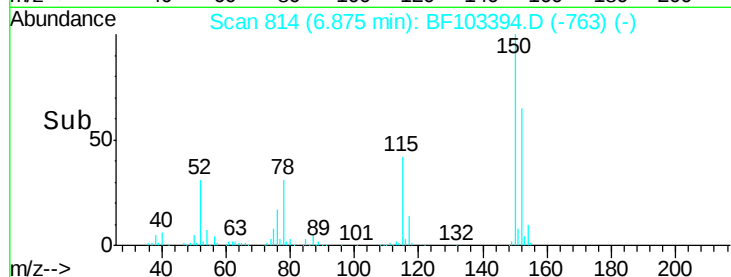
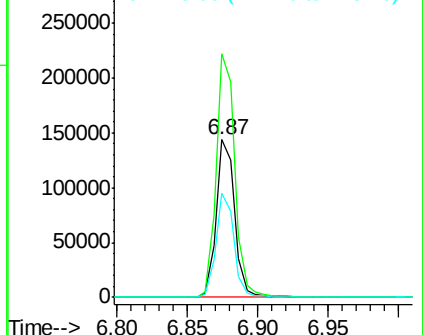
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

Instrument :
BNA_F
ClientSampleId :
5SDM

Tot Ion:152 Resp: 130604
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 65.8 50.1 75.1



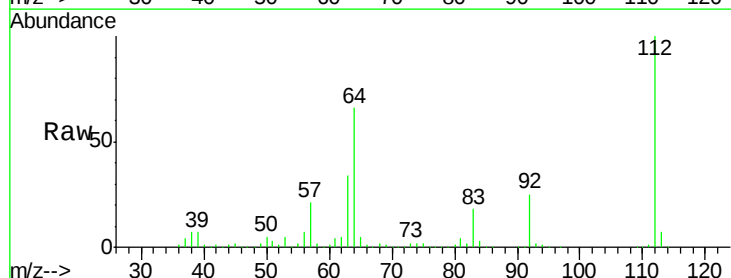
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



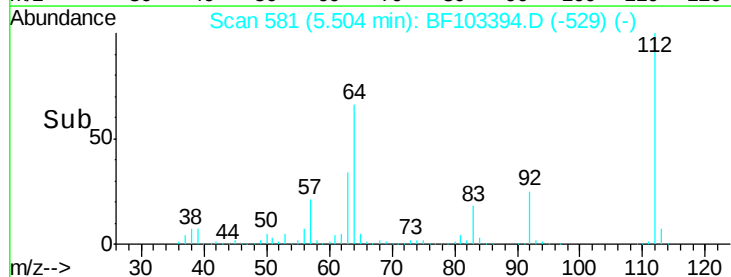
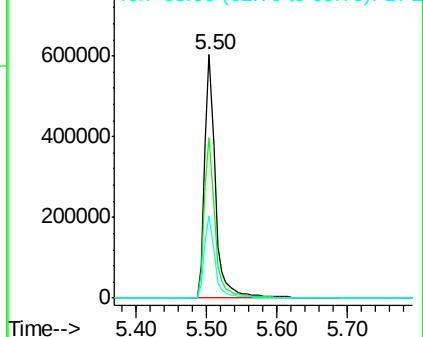
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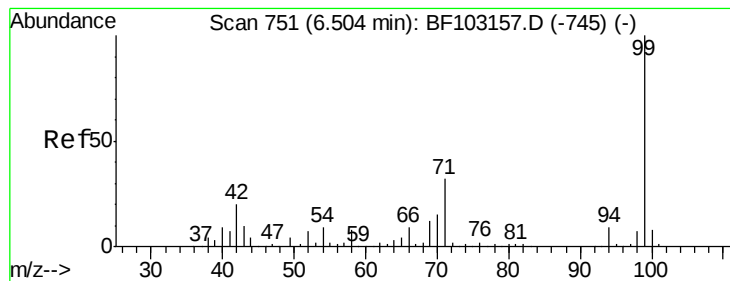
2-Fluorophenol
Concen: 74.731 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

Tgt Ion:112 Resp: 645330
Ion Ratio Lower Upper
112 100
64 65.7 47.9 71.9
63 33.9 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: 73.335 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

Instrument :

BNA_F

ClientSampleId :

5SDM

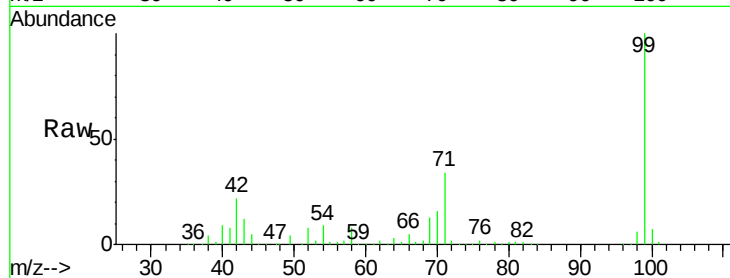
Tot Ion: 99 Resp: 774906

Ion Ratio Lower Upper

99 100

42 22.4 14.5 21.7#

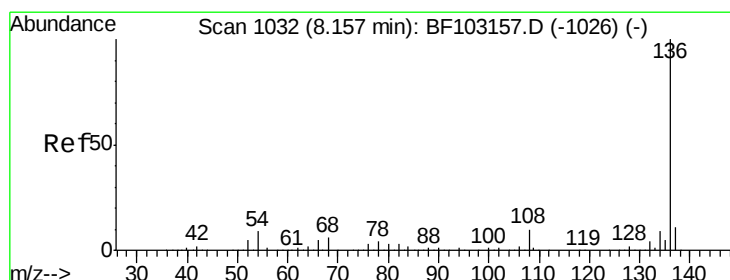
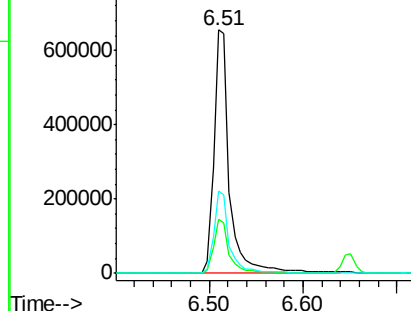
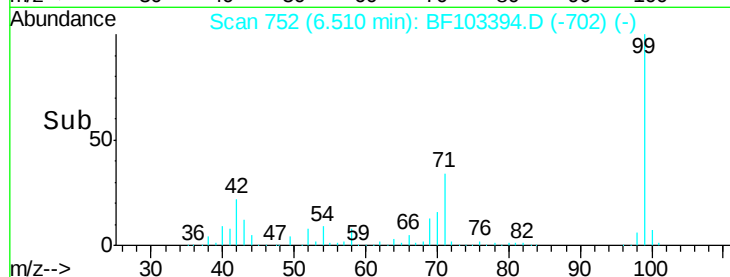
71 34.1 25.4 38.0



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

Tgt Ion: 136 Resp: 542041

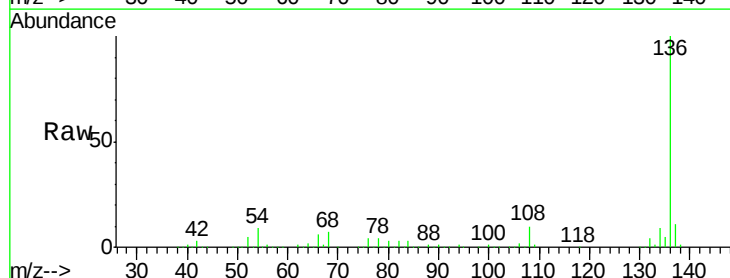
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

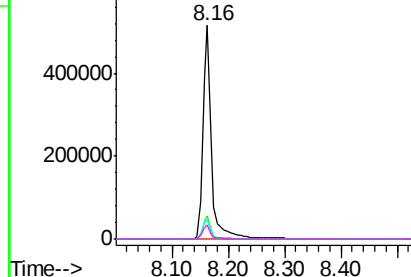
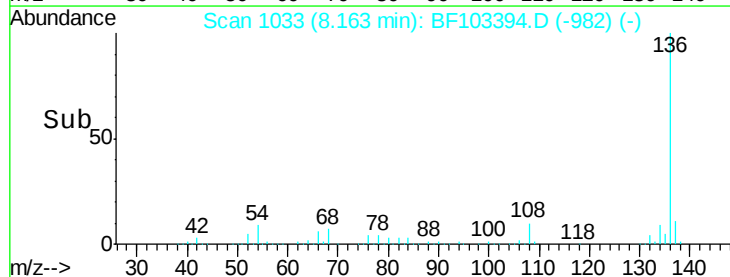


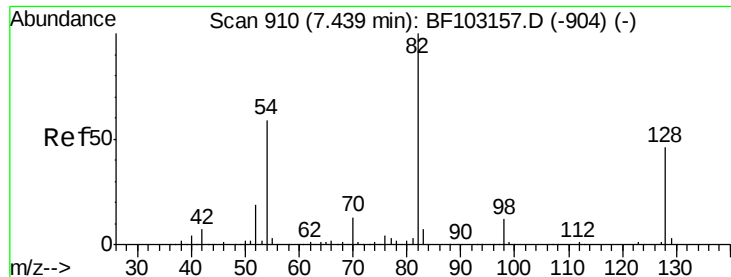
Abundance Ion 136.00 (135.70 to 136.70): E

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

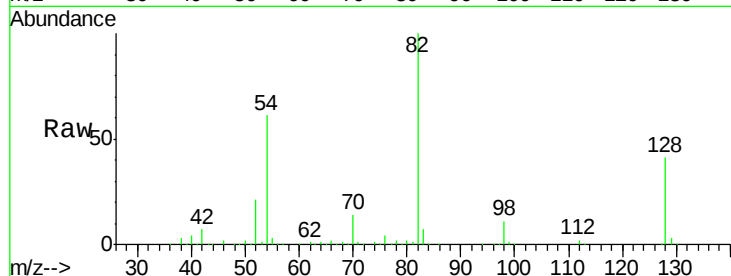




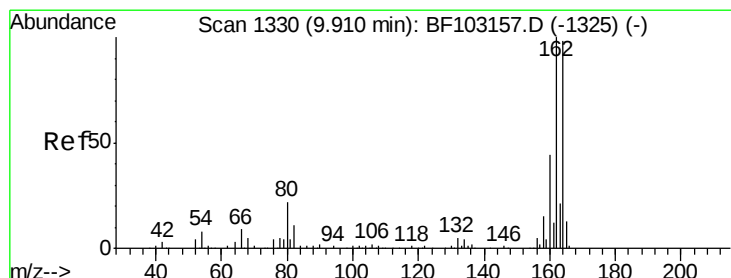
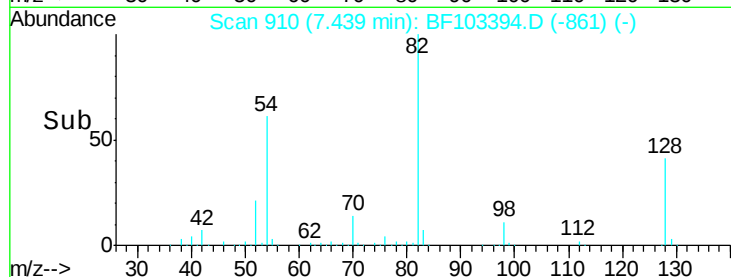
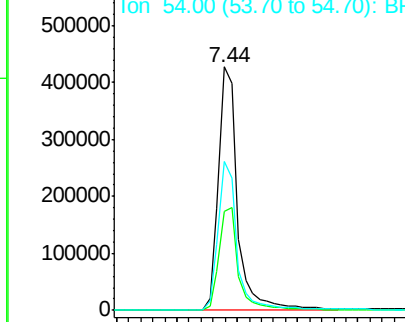
#23
 Nitrobenzene-d5
 Concen: 49.589 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Instrument :
 BNA_F
 ClientSampleId :
 5SDM

Tot Ion: 82 Resp: 470673
 Ion Ratio Lower Upper
 82 100
 128 40.7 36.1 54.1
 54 61.3 41.4 62.2

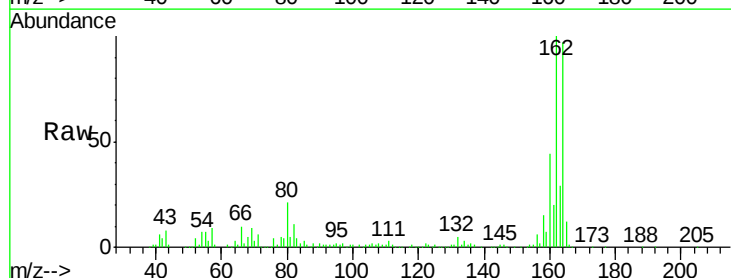


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

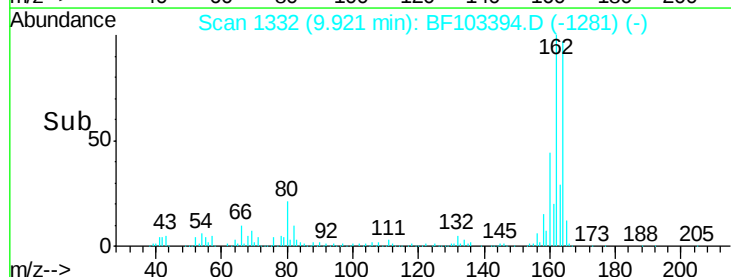
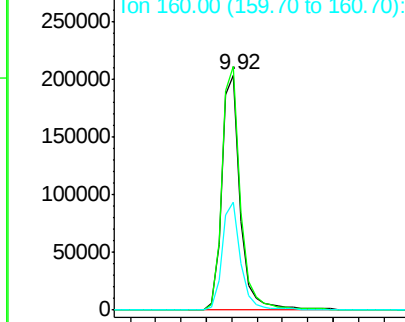


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Tgt Ion: 164 Resp: 207368
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.9 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

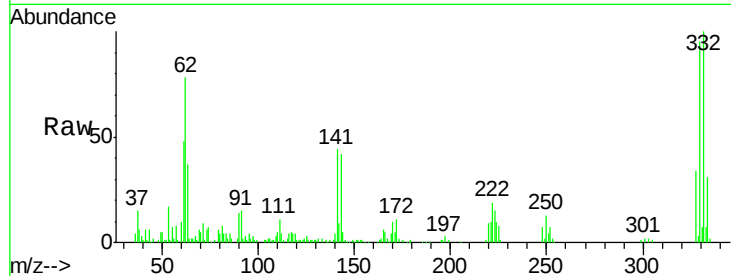




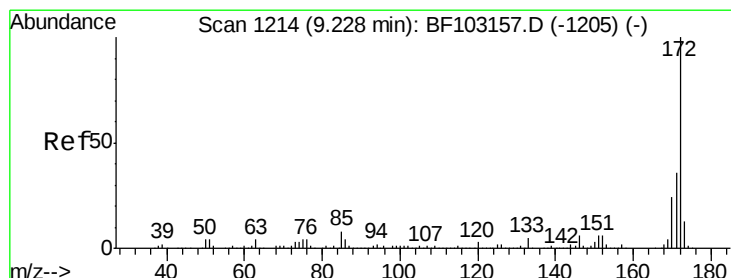
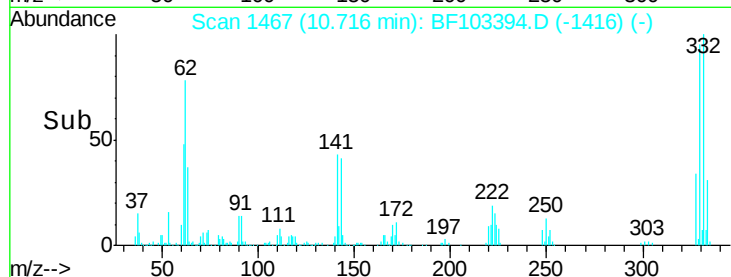
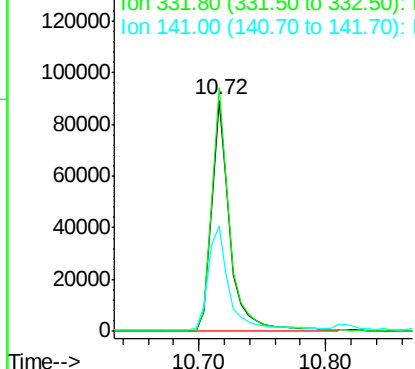
#41
 2,4,6-Tribromophenol
 Concen: 52.641 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Instrument :
 BNA_F
 ClientSampleId :
 5SDM

Tot Ion:330 Resp: 92399
 Ion Ratio Lower Upper
 330 100
 332 104.4 77.0 115.6
 141 49.9 29.9 44.9#

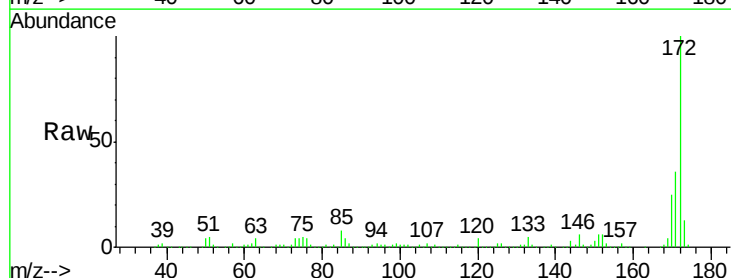


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

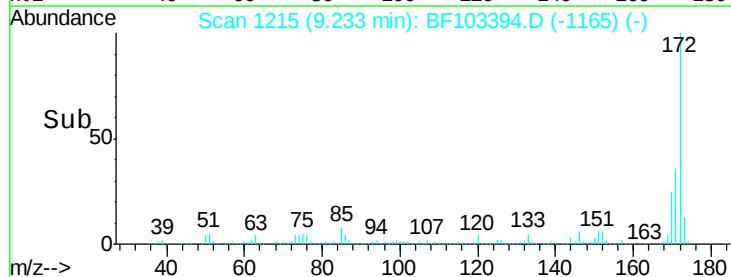
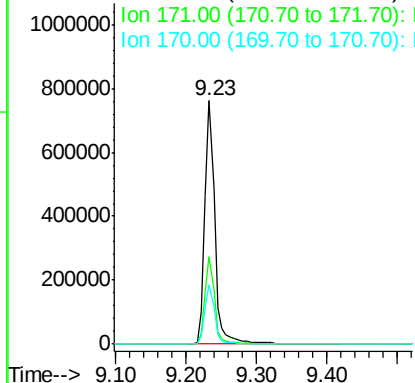


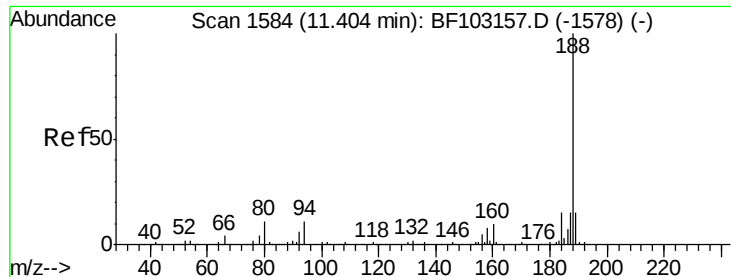
#44
 2-Fluorobiphenyl
 Concen: 58.001 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Tgt Ion:172 Resp: 754761
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

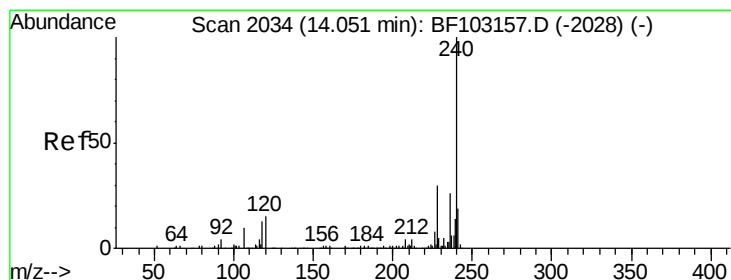
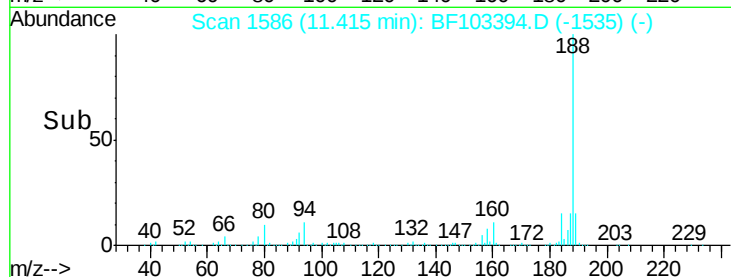
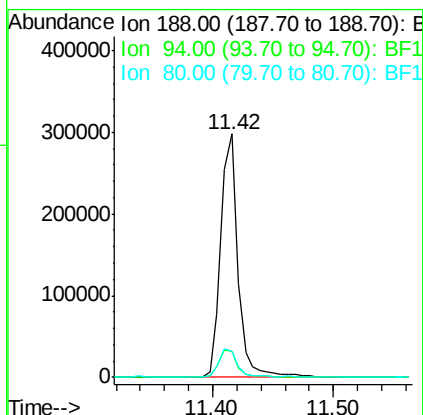
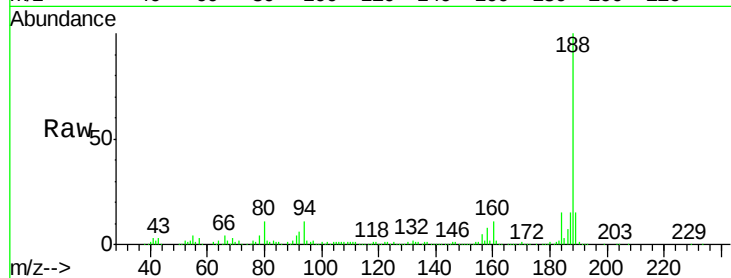




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

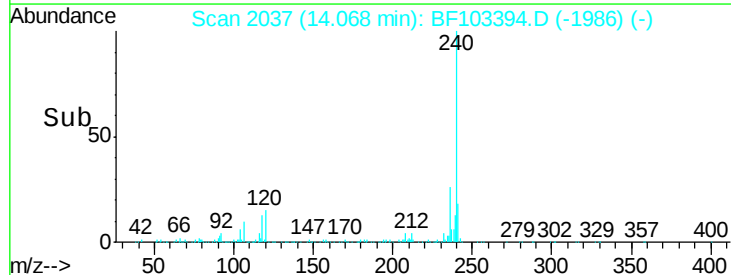
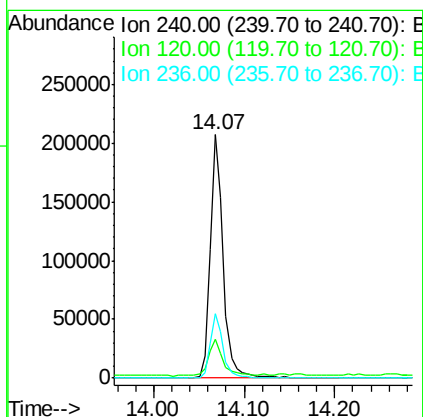
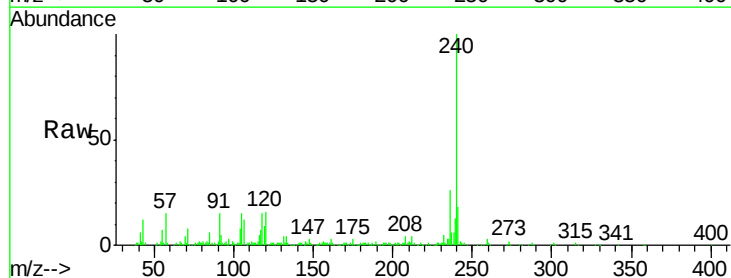
Instrument :
BNA_F
ClientSampleId :
5SDM

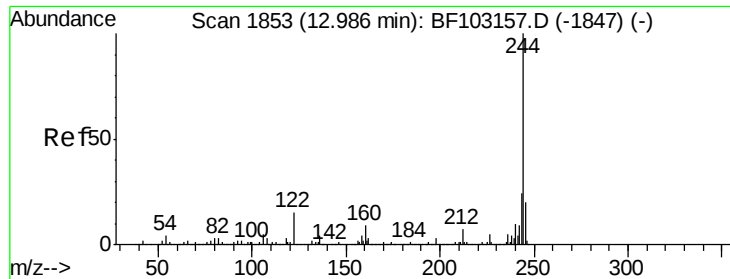
Tot Ion:188 Resp: 294458
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

Tgt Ion:240 Resp: 209484
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 57.074 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

Instrument :

BNA_F

ClientSampleId :

5SDM

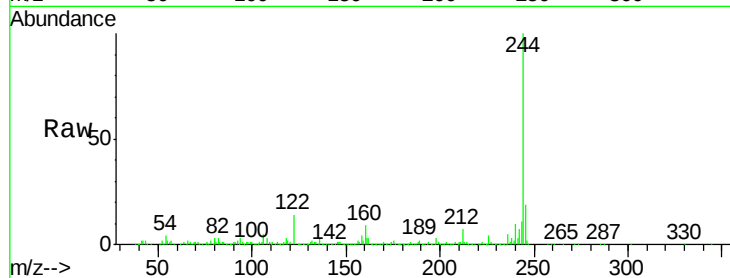
Tot Ion:244 Resp: 497368

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

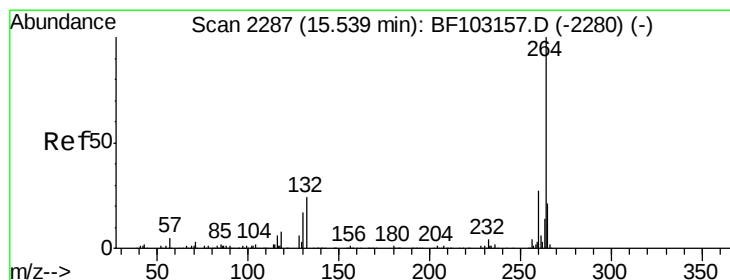
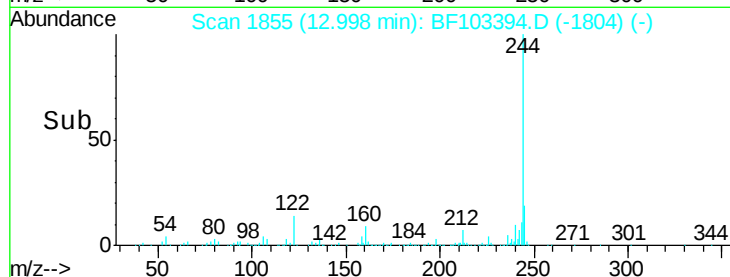
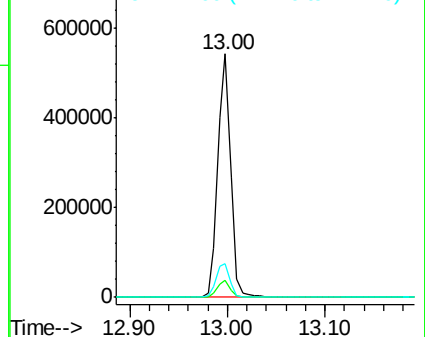
122 14.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.02 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

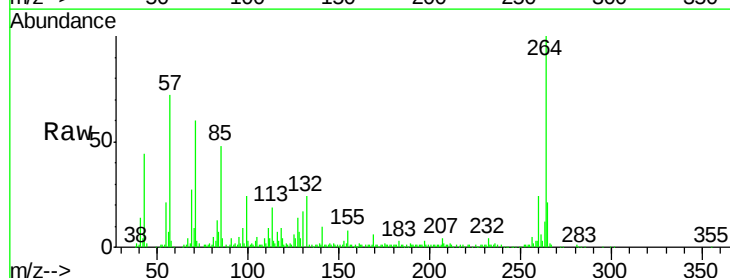
Tgt Ion:264 Resp: 147453

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.1 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

