

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103218.D
 Acq On : 26 Feb 2018 15:00
 Operator : SJ/JU
 Sample : J1654-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REID-TOPSOIL

Quant Time: Feb 26 16:28:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

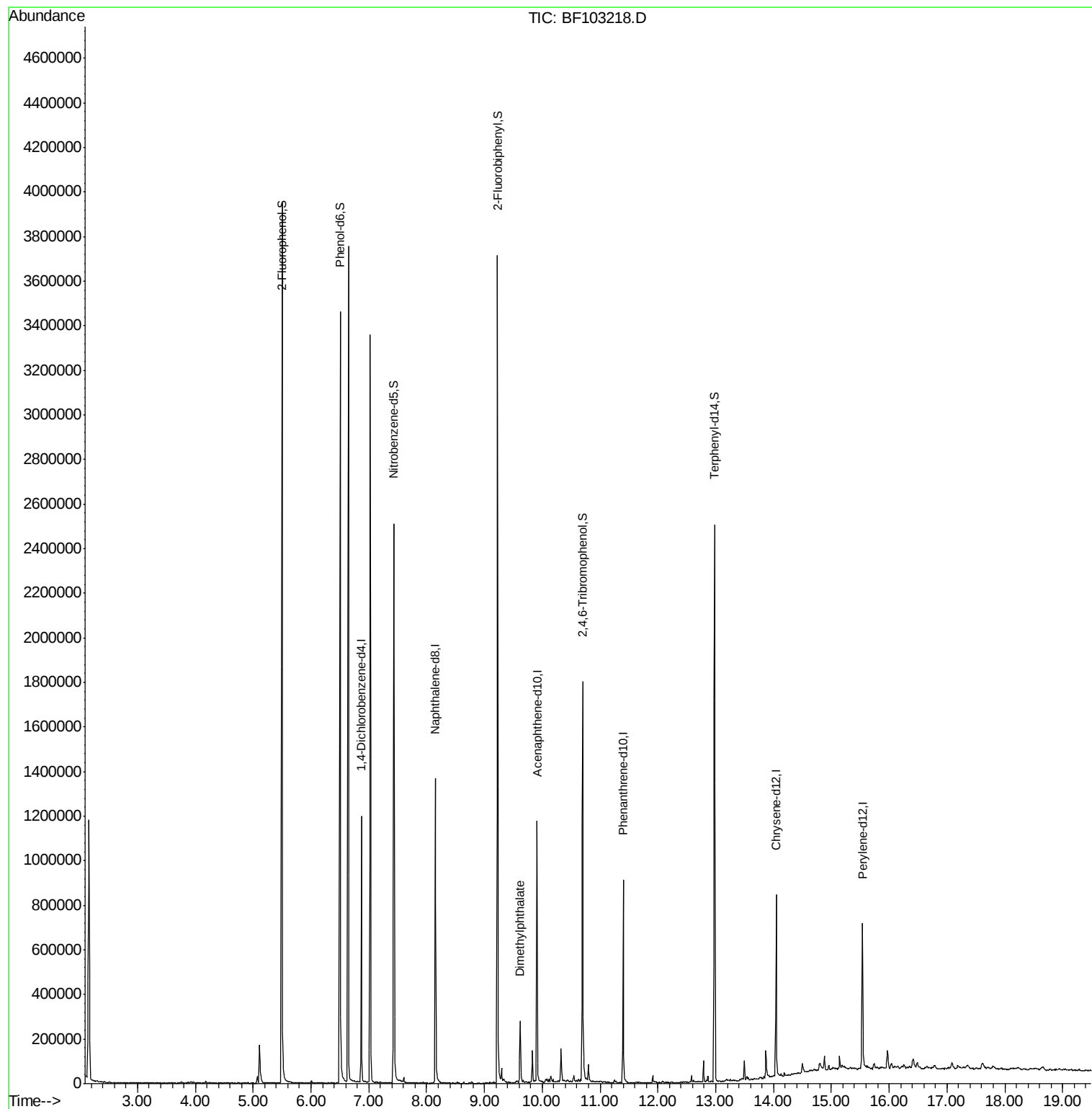
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151538	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	606484	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	236305	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	326201	20.00	ng	0.00
75) Chrysene-d12	14.04	240	283458	20.00	ng	0.00
86) Perylene-d12	15.54	264	294159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1199289	119.70	ng	0.01
7) Phenol-d6	6.50	99	1406579	114.73	ng	0.00
23) Nitrobenzene-d5	7.43	82	911668	85.85	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	202038	101.01	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1204240	88.68	ng	0.00
78) Terphenyl-d14	12.98	244	771189	65.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	112897	5.955	ng	99

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

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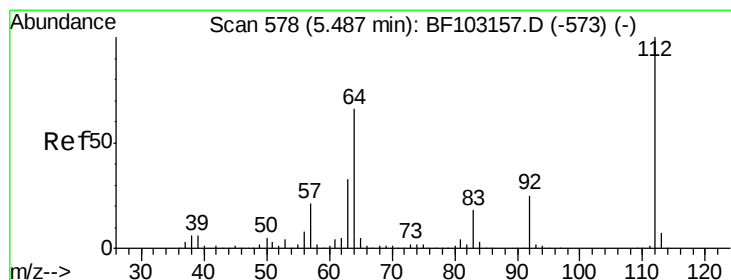
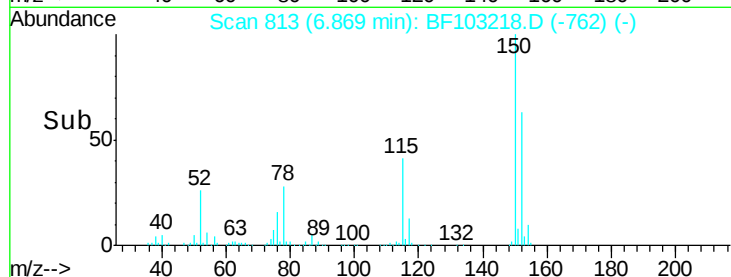
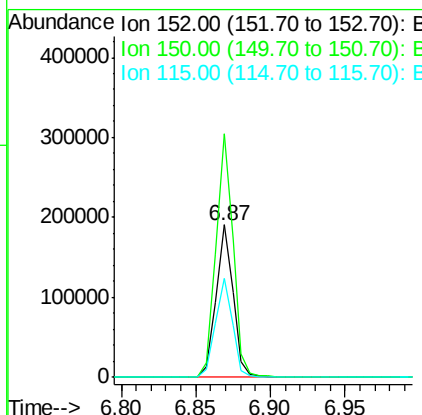
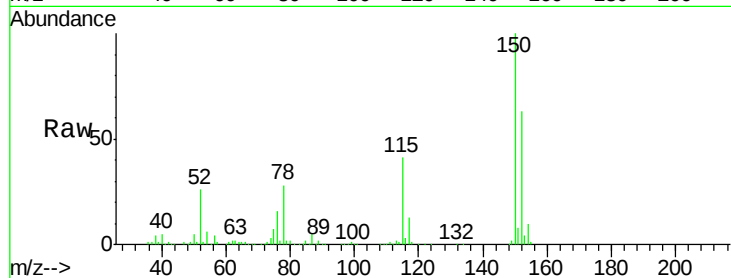


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Instrument :
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ClientSampleId :
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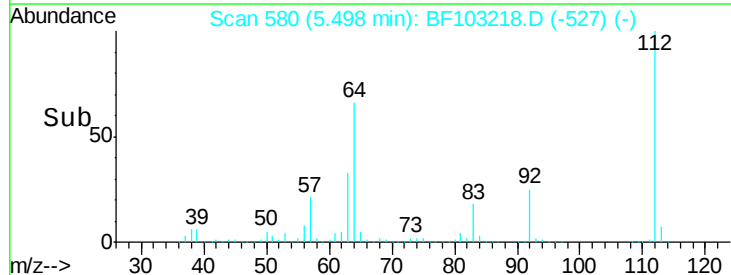
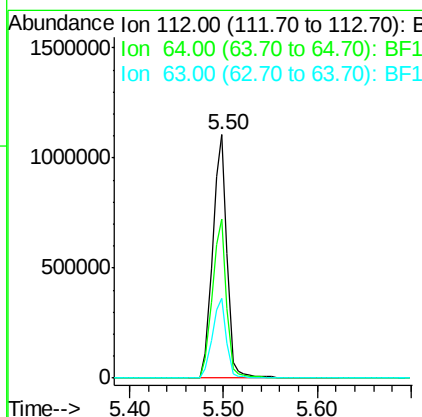
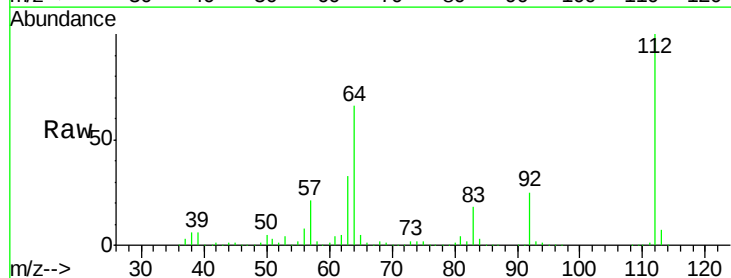
Tot Ion:152 Resp: 151538
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 65.1 50.1 75.1

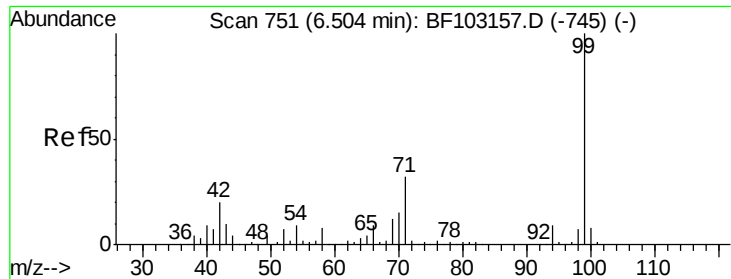


#5

2-Fluorophenol
Concen: 119.695 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Tgt Ion:112 Resp: 1199289
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 114.726 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

Instrument :

BNA_F

ClientSampleId :

REID-TOPSOIL

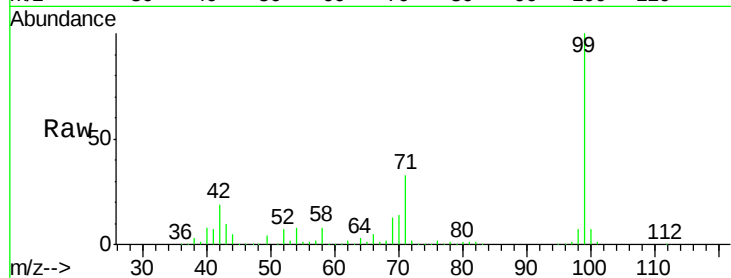
Tot Ion: 99 Resp: 1406579

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

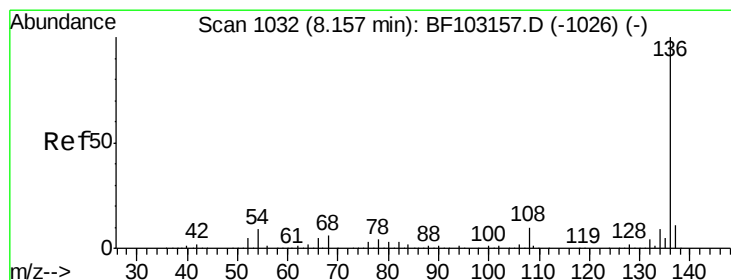
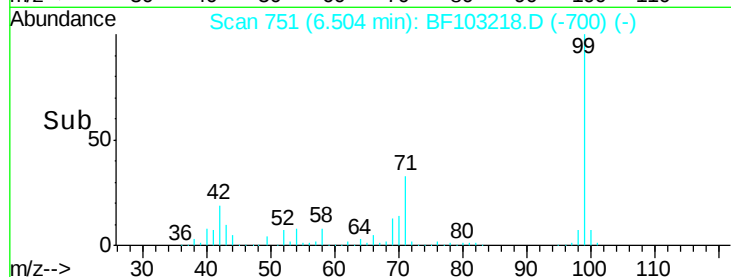
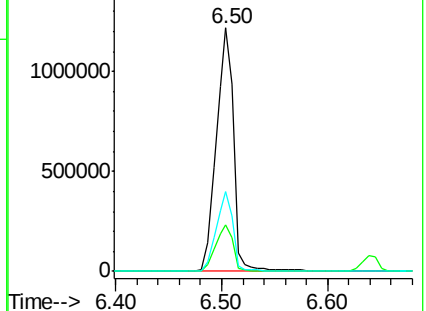
71 32.5 25.4 38.0



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# 1031

Delta R.T. -0.01 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

Tgt Ion: 136 Resp: 606484

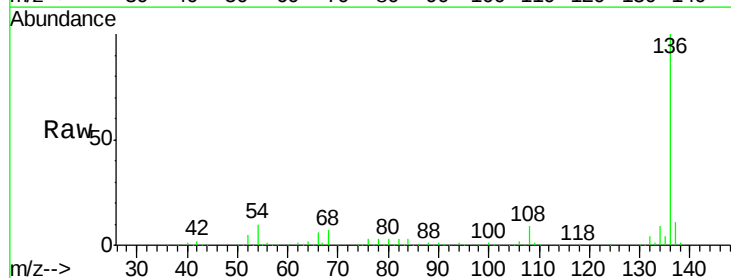
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 6.9 5.0 7.4

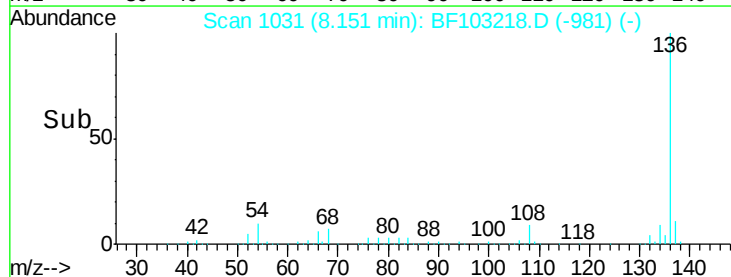
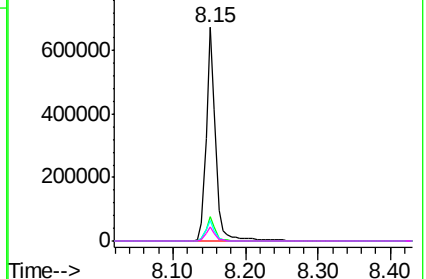


Abundance Ion 136.00 (135.70 to 136.70): E

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

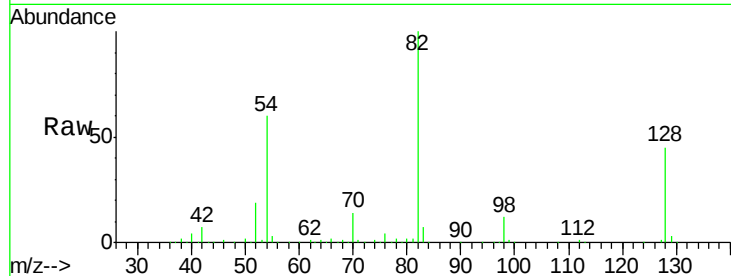




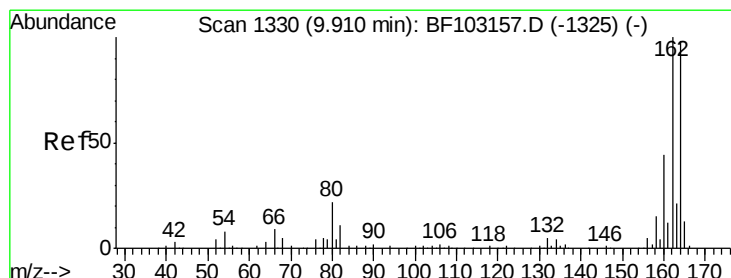
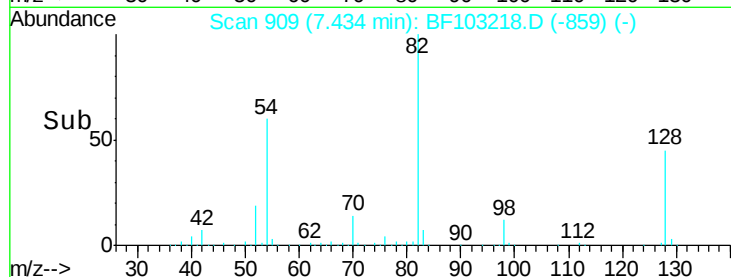
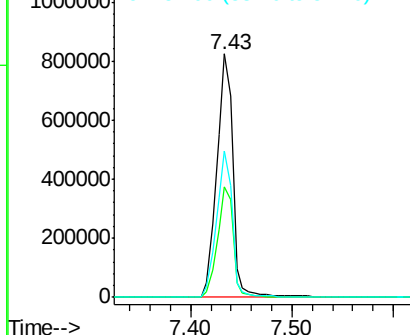
#23
 Nitrobenzene-d5
 Concen: 85.846 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 REID-TOPSOIL

Tot Ion: 82 Resp: 911668
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 60.1 41.4 62.2

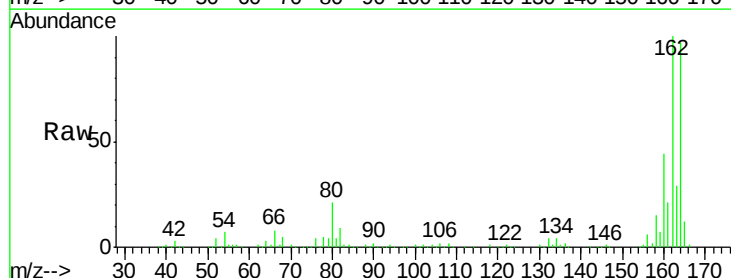


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

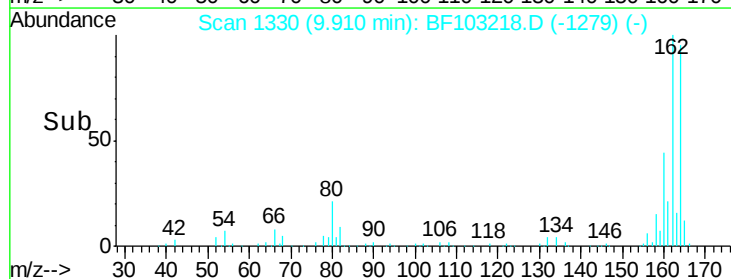
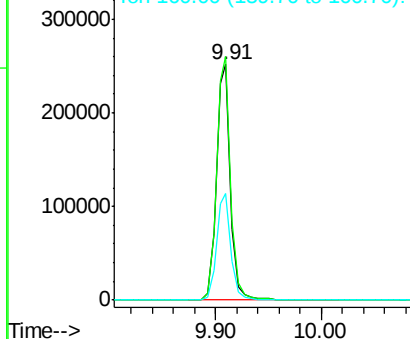


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Tgt Ion:164 Resp: 236305
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.5 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

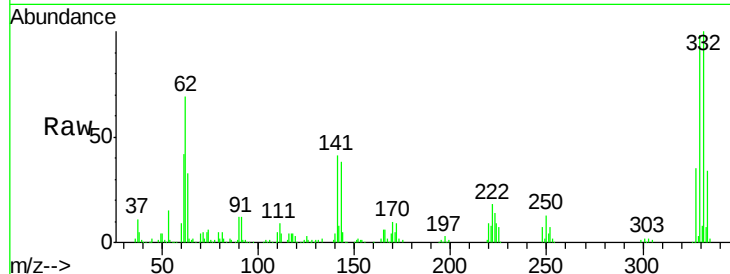




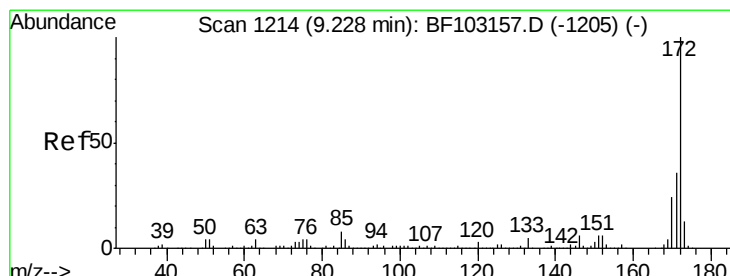
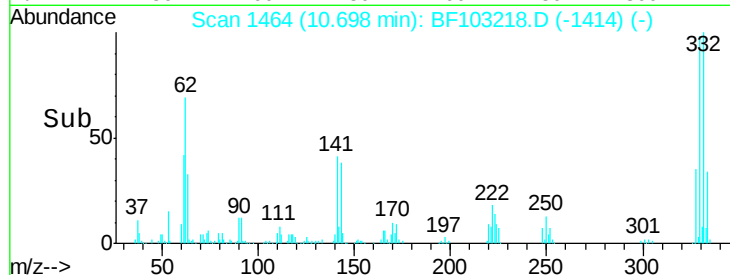
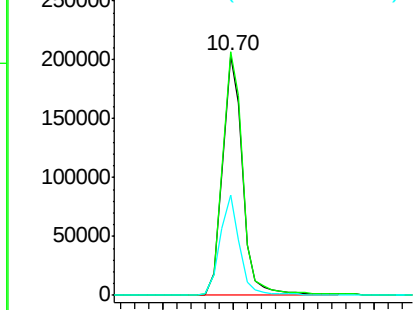
#41
 2,4,6-Tribromophenol
 Concen: 101.009 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 REID-TOPSOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	41.4	29.9	44.9

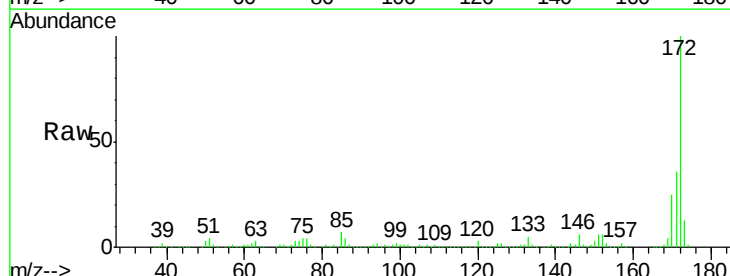


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

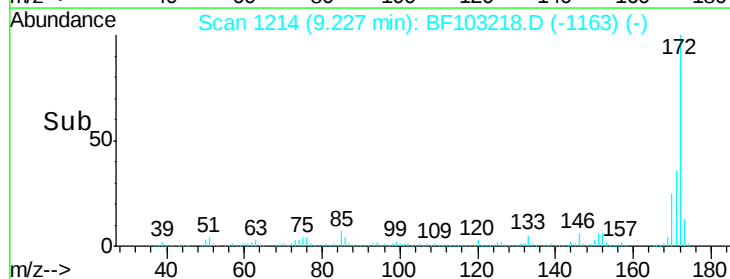
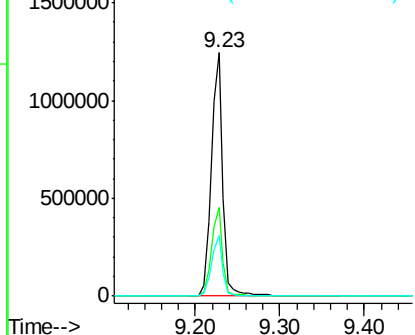


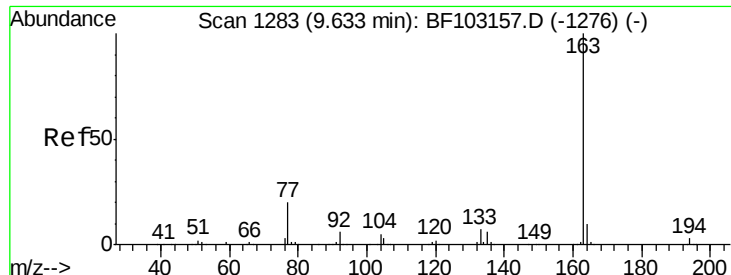
#44
 2-Fluorobiphenyl
 Concen: 88.678 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.1	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

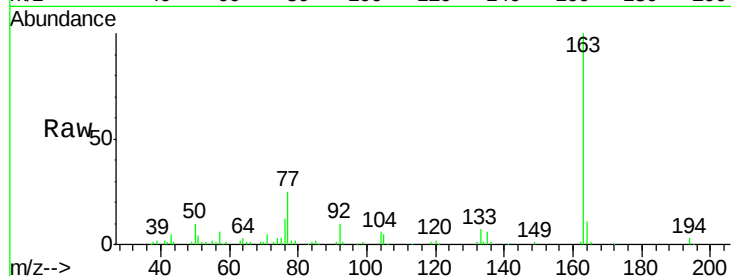




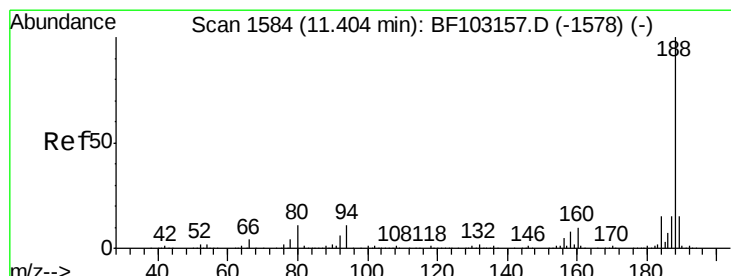
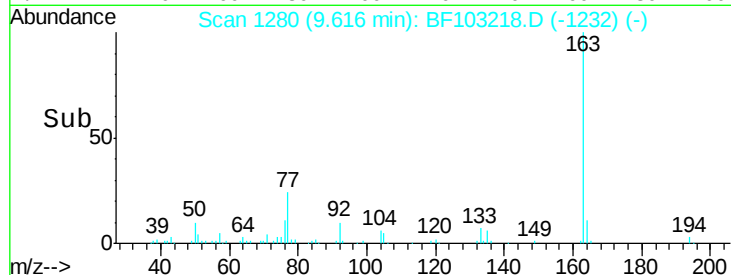
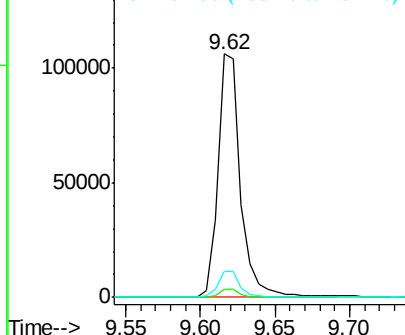
#49
Dimethylphthalate
Concen: 5.955 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Instrument :
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Tot Ion:163 Resp: 112897
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.8 8.2 12.2

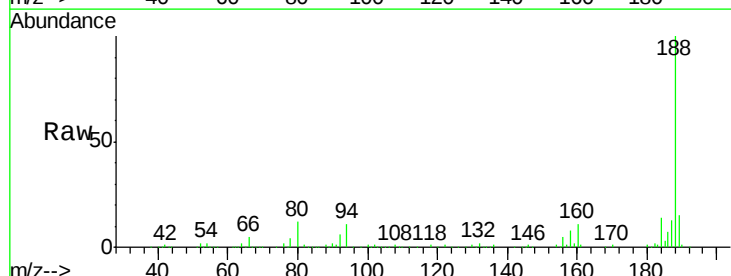


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

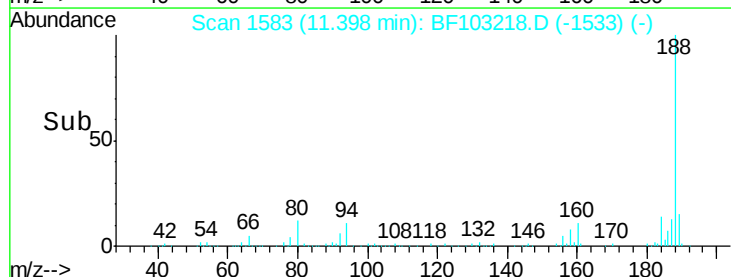
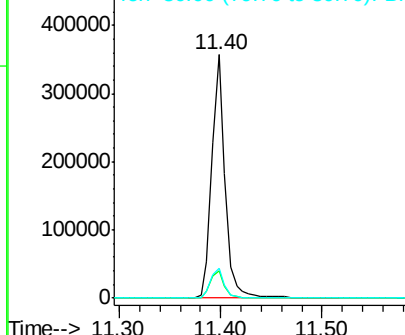


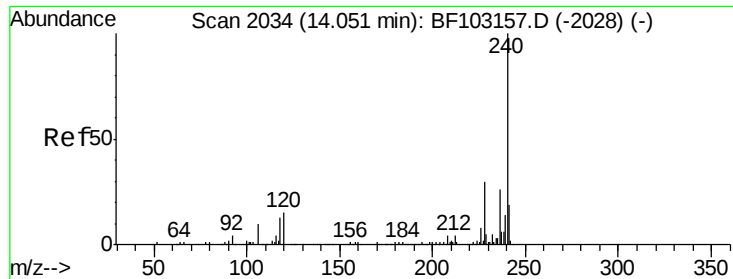
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Tgt Ion:188 Resp: 326201
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.3 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

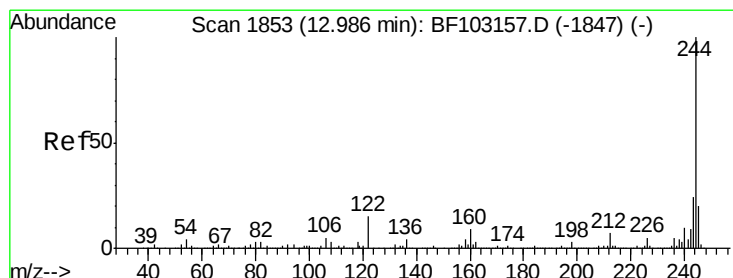
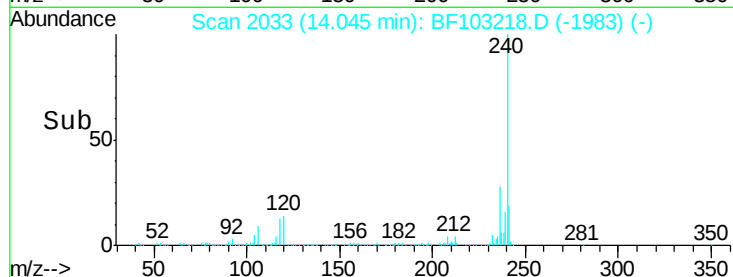
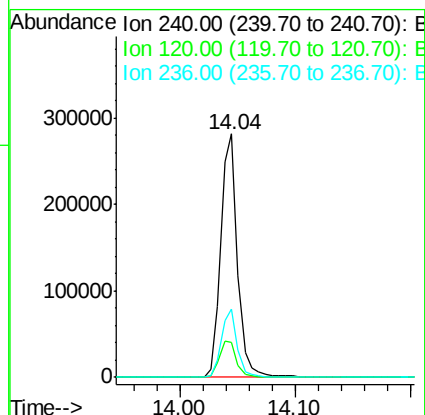
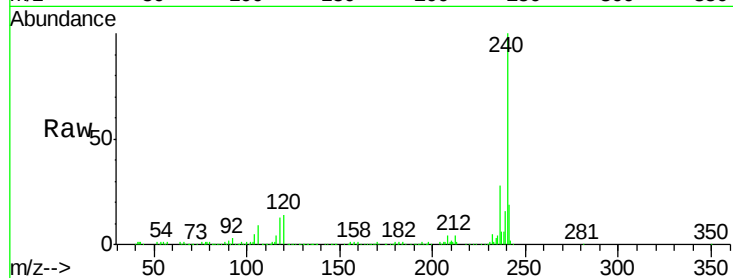




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

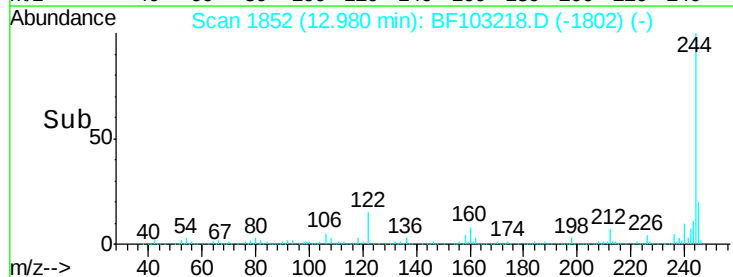
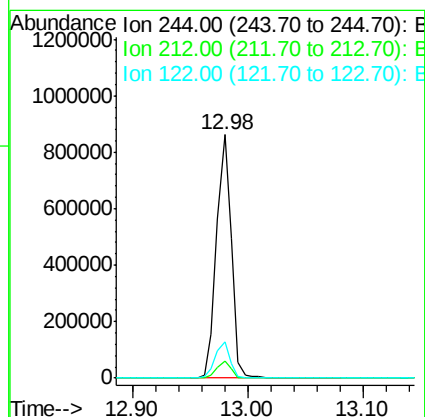
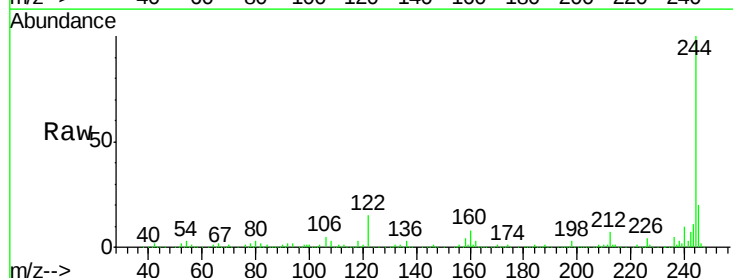
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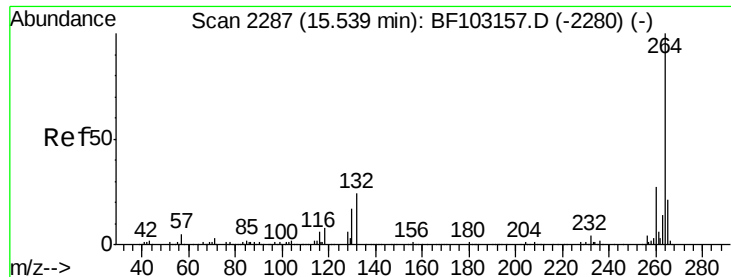
Tot Ion:240 Resp: 283458
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 27.9 20.7 31.1



#78
Terphenyl-d14
Concen: 65.401 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Tgt Ion:244 Resp: 771189
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.8 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Instrument :
BNA_F
ClientSampleId :
REID-TOPSOIL

Tot Ion:264 Resp: 294159

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.0	17.5	26.3

