

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100819.D
 Acq On : 22 Nov 2017 11:57
 Operator : SJ/JU
 Sample : I6538-01 100X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Nov 22 18:09:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84723	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	323919	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	149808	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	266340	20.00	ng	0.00
75) Chrysene-d12	14.03	240	168471	20.00	ng	-0.01
86) Perylene-d12	15.51	264	200882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	3670	0.69	ng	-0.01
7) Phenol-d6	6.49	99	4605	0.71	ng	-0.02
23) Nitrobenzene-d5	7.43	82	2796	0.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	858	0.56	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	7155	0.73	ng	-0.01
78) Terphenyl-d14	12.97	244	5942	0.81	ng	-0.01

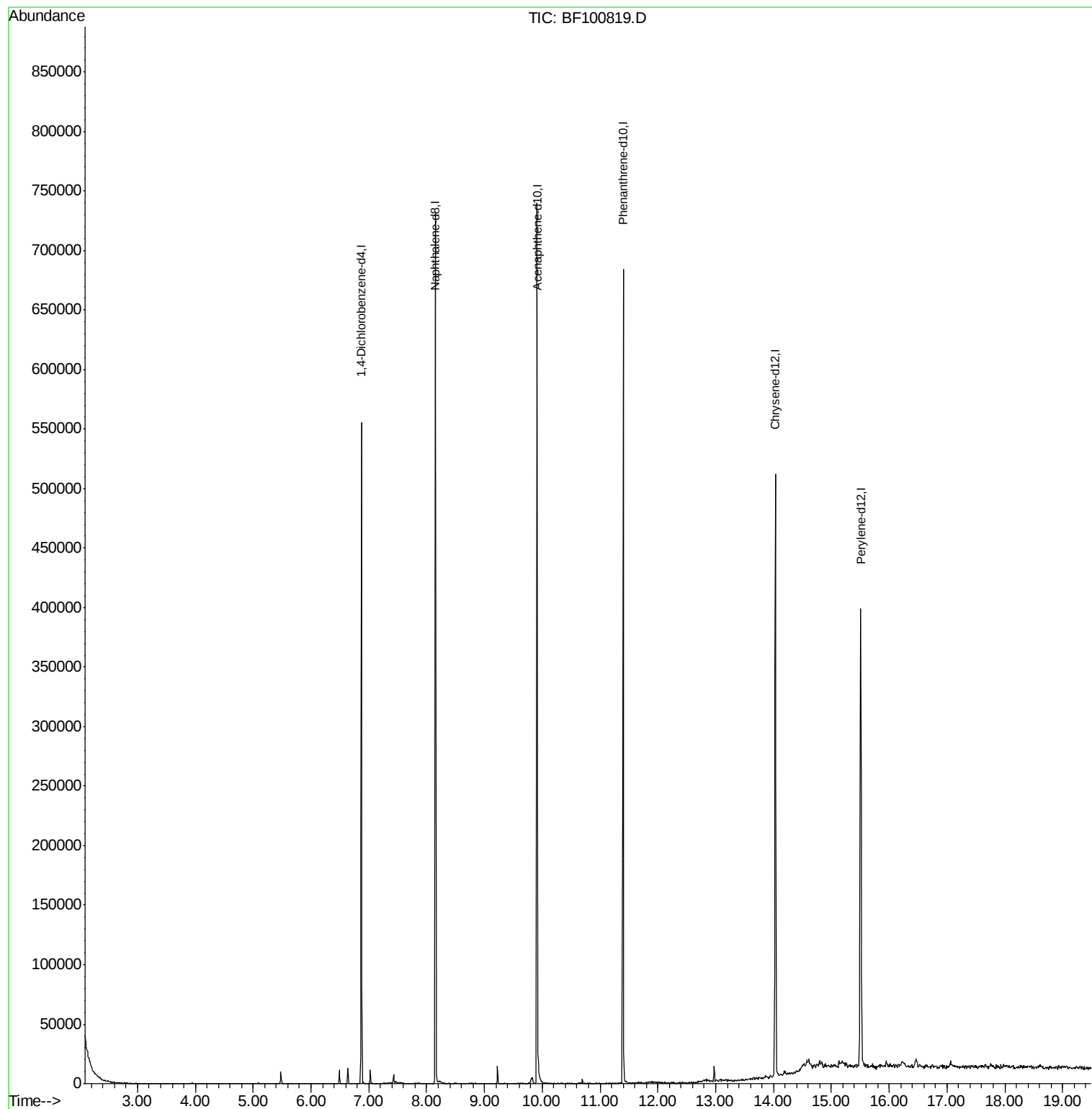
Target Compounds Qvalue

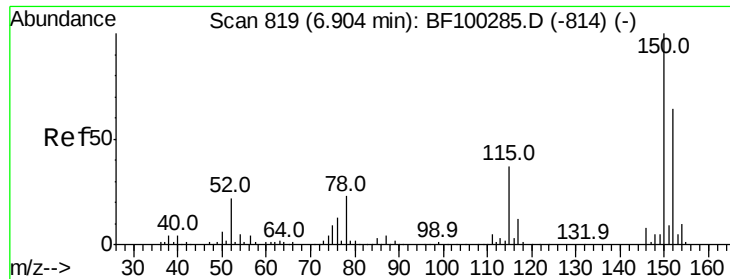
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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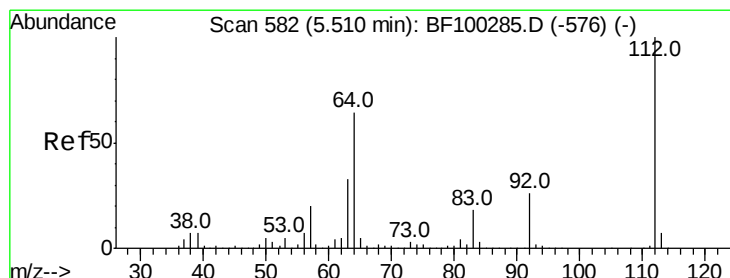
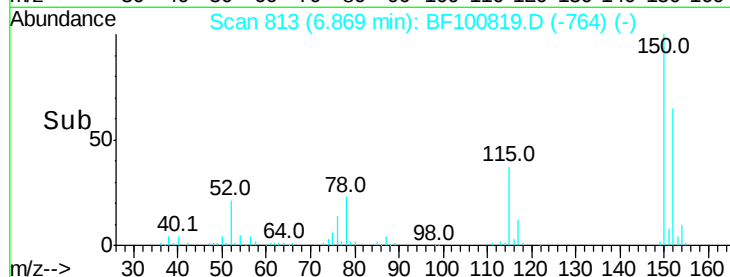
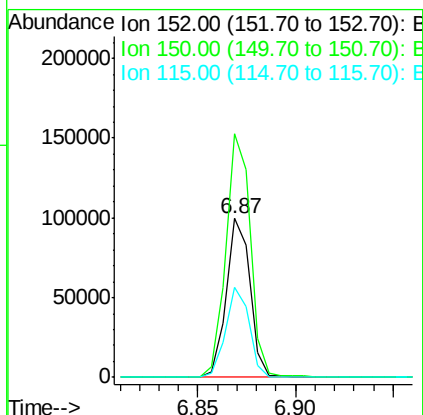
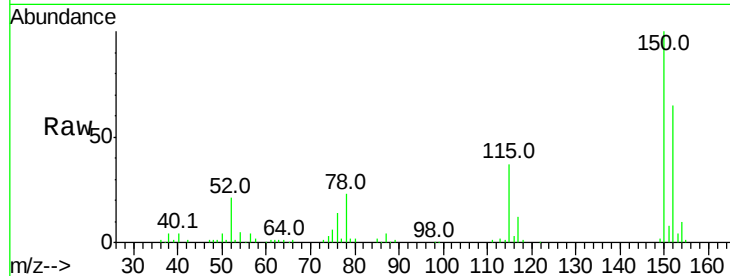


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

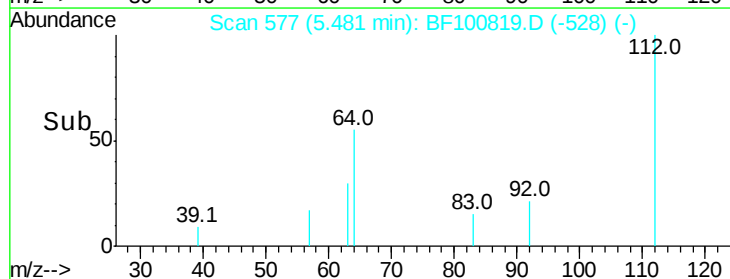
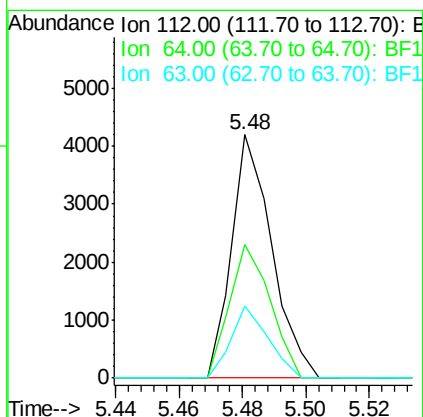
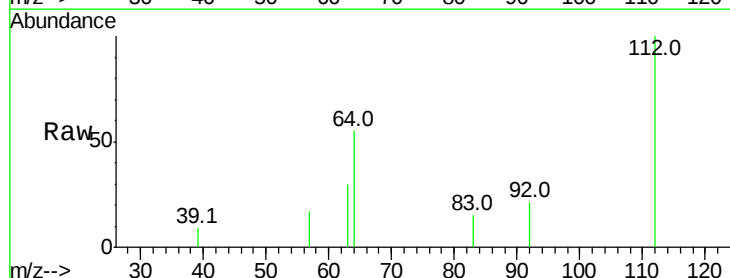
Tot Ion:152 Resp: 84723
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 57.0 50.1 75.1

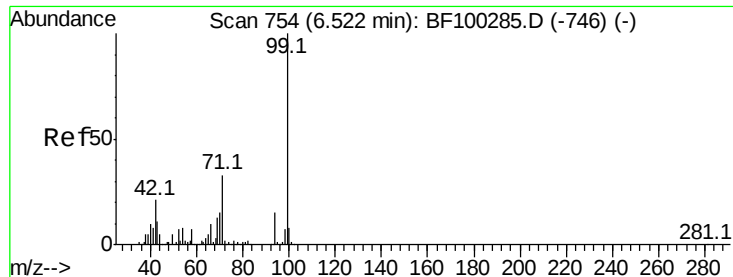


#5

2-Fluorophenol
 Concen: 0.694 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Tgt Ion:112 Resp: 3670
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 0.707 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100819.D

Acq: 22 Nov 2017 11:57

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

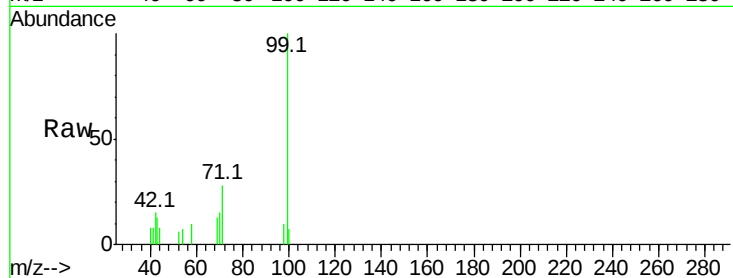
Tot Ion: 99 Resp: 4605

Ion Ratio Lower Upper

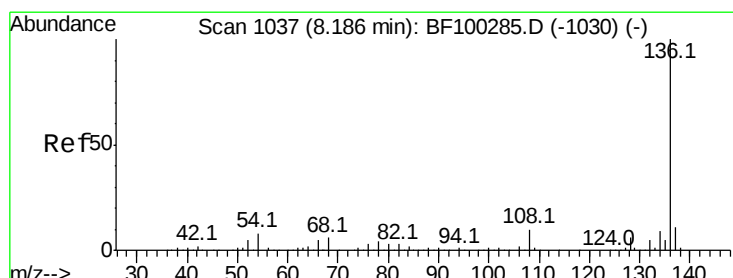
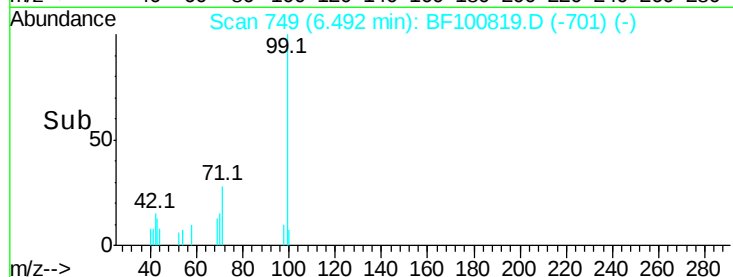
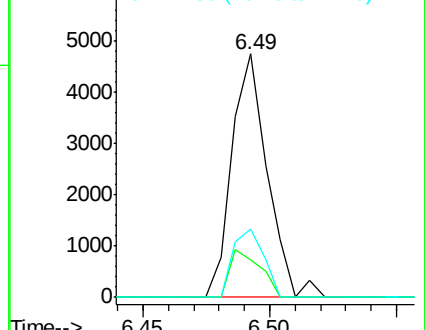
99 100

42 15.2 14.5 21.7

71 27.8 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# 1031

Delta R.T. -0.02 min

Lab File: BF100819.D

Acq: 22 Nov 2017 11:57

Tgt Ion: 136 Resp: 323919

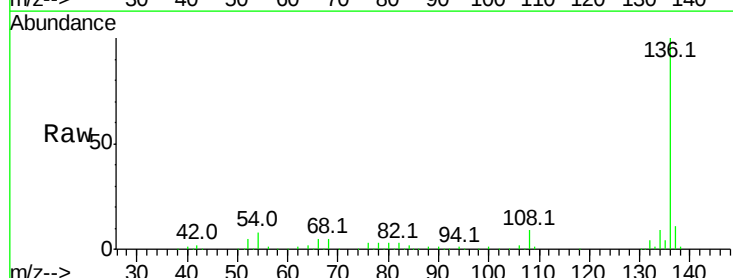
Ion Ratio Lower Upper

136 100

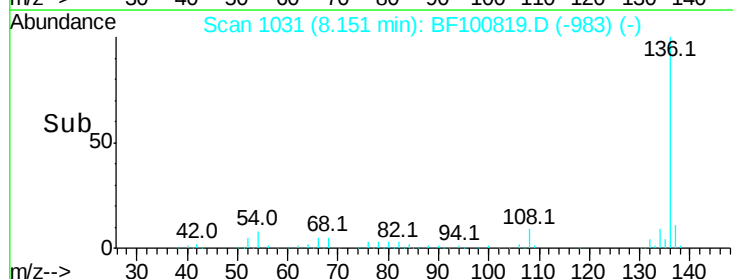
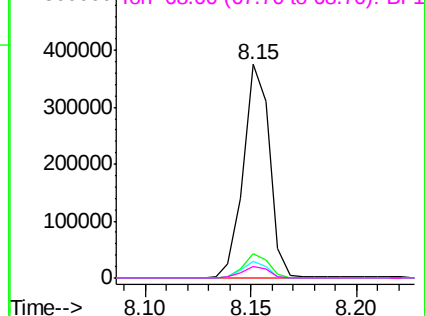
137 11.2 8.9 13.3

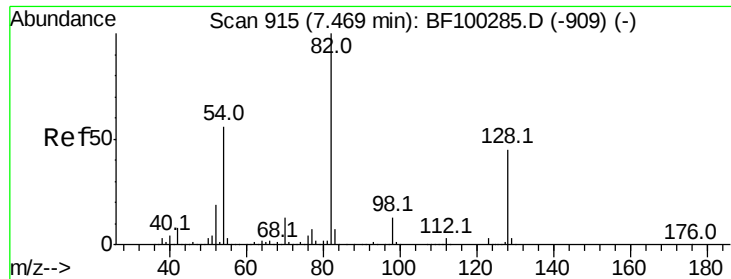
54 8.1 6.6 9.8

68 5.4 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

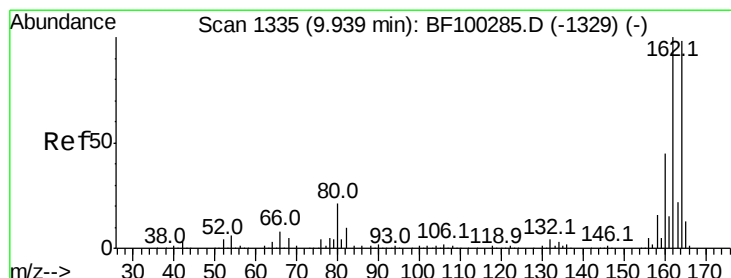
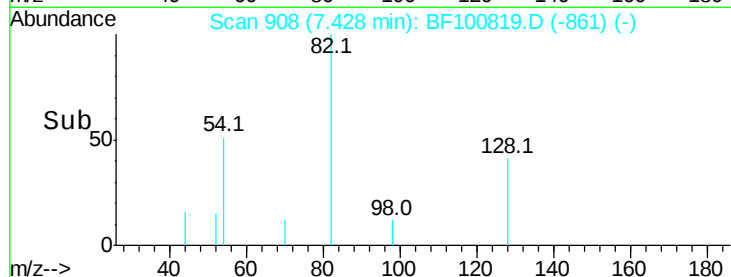
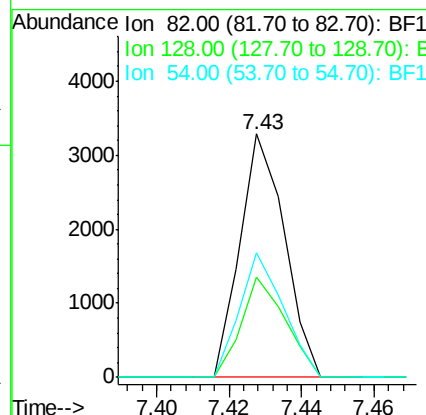
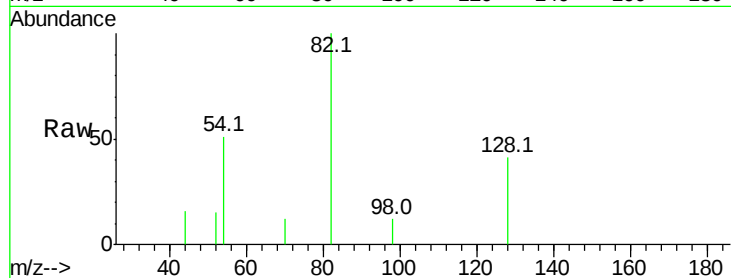




#23
 Nitrobenzene-d5
 Concen: 0.571 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

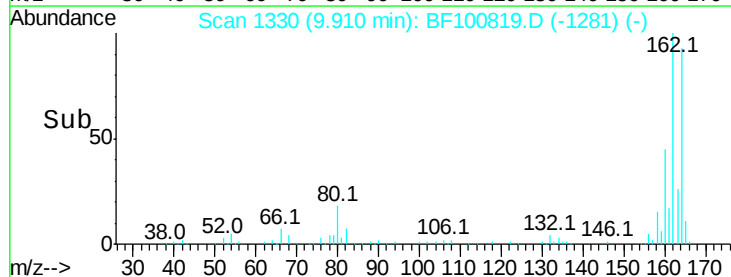
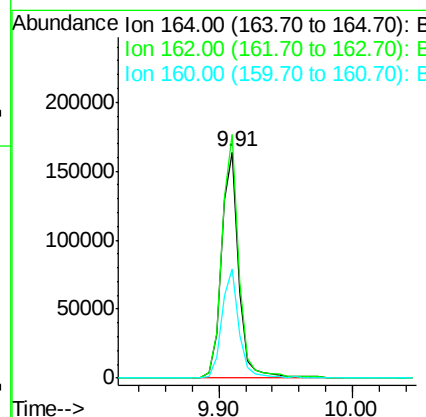
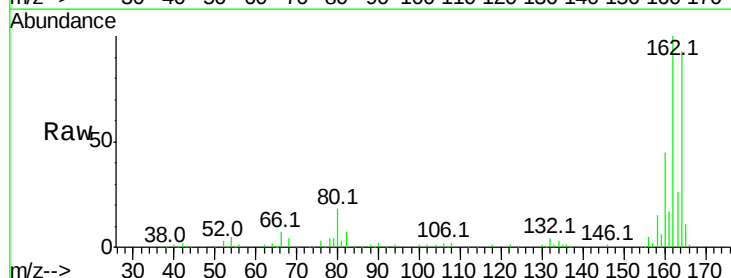
Instrument :
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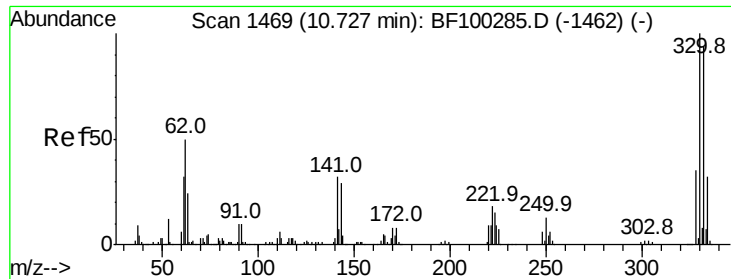
Tot Ion: 82 Resp: 2796
 Ion Ratio Lower Upper
 82 100
 128 41.1 36.1 54.1
 54 51.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Tgt Ion: 164 Resp: 149808
 Ion Ratio Lower Upper
 164 100
 162 107.9 86.1 129.1
 160 48.6 38.3 57.5

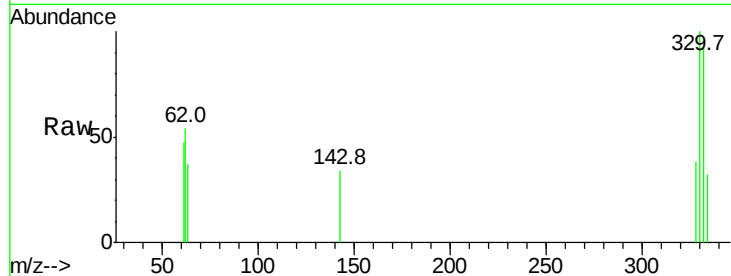




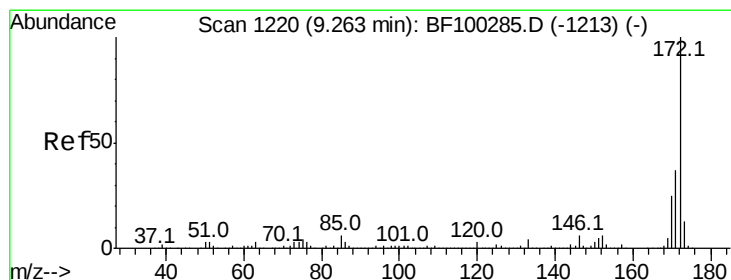
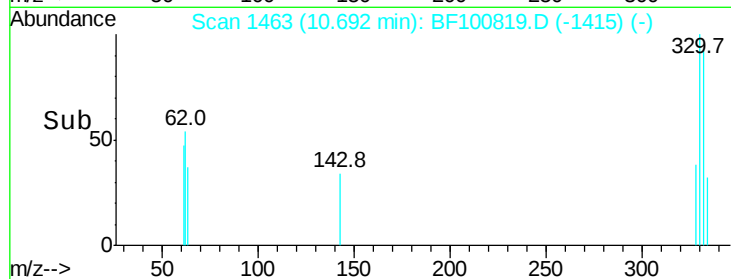
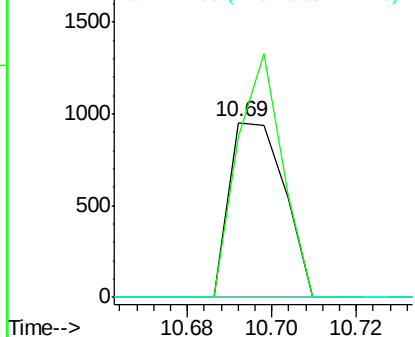
#41
 2,4,6-Tribromophenol
 Concen: 0.562 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:330 Resp: 858
 Ion Ratio Lower Upper
 330 100
 332 113.4 77.0 115.6
 141 0.0 29.9 44.9#

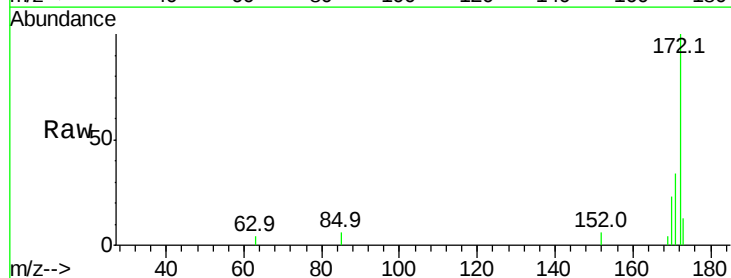


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

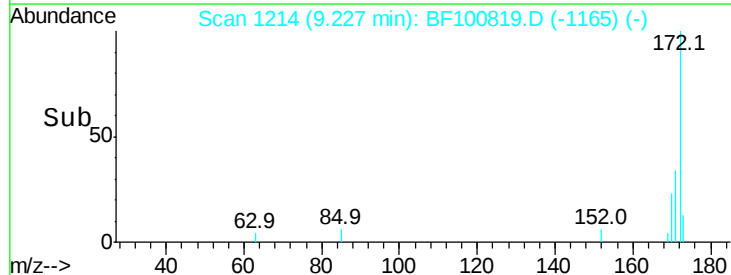
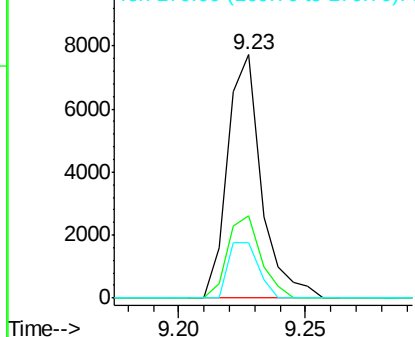


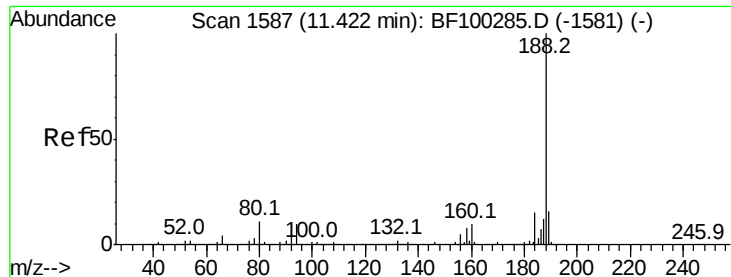
#44
 2-Fluorobiphenyl
 Concen: 0.727 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Tgt Ion:172 Resp: 7155
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.7 44.5
 170 22.8 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

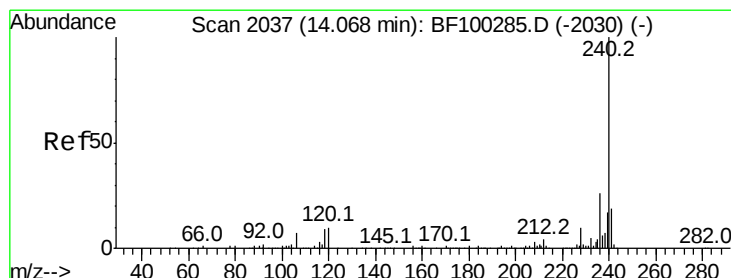
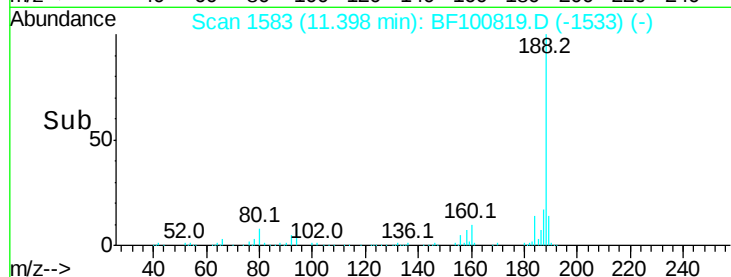
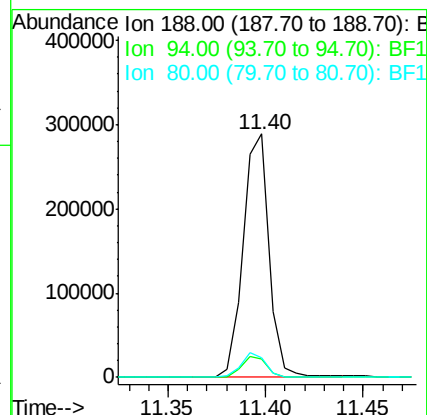
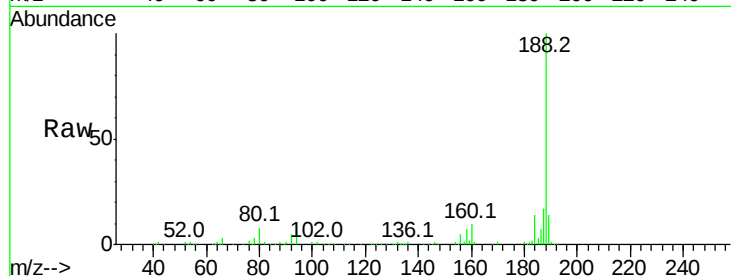




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100819.D
Acq: 22 Nov 2017 11:57

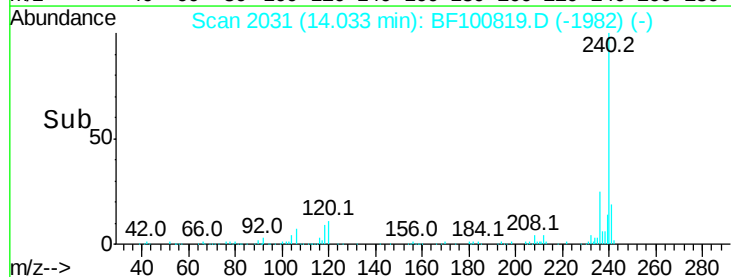
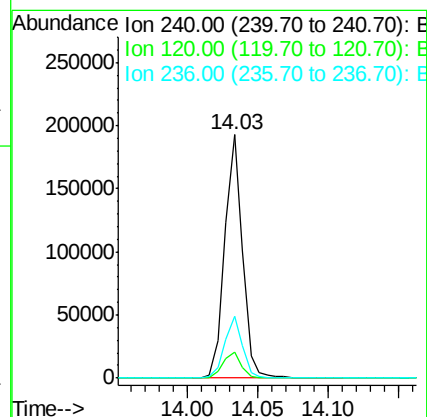
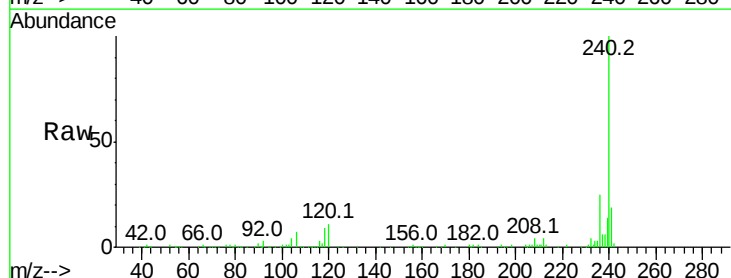
Instrument :
BNA_F
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OILY-STONES

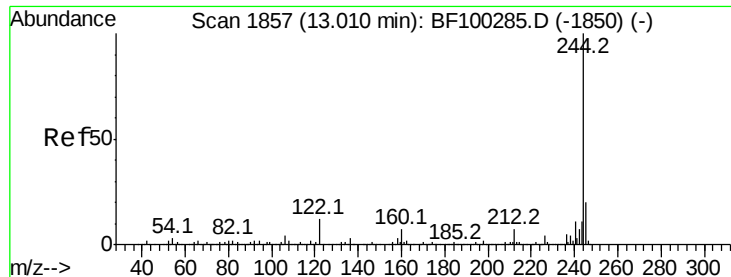
Tot Ion:188 Resp: 266340
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100819.D
Acq: 22 Nov 2017 11:57

Tgt Ion:240 Resp: 168471
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.3 20.7 31.1

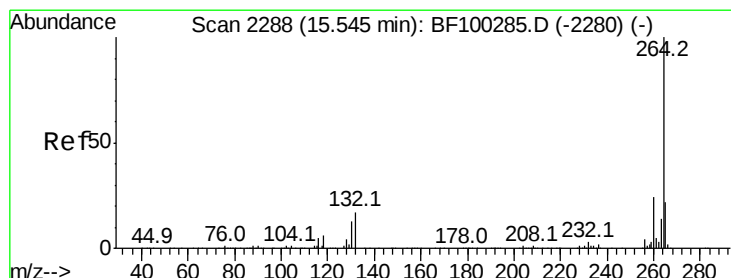
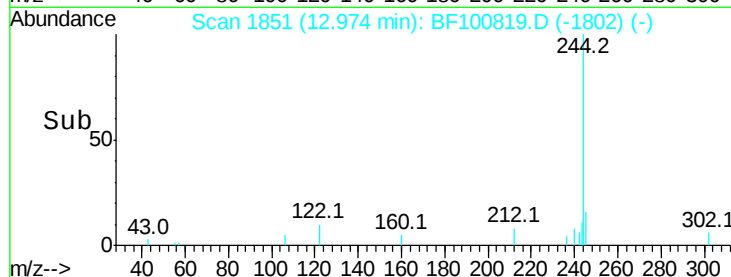
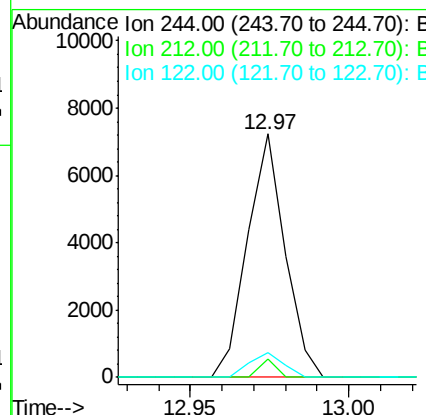
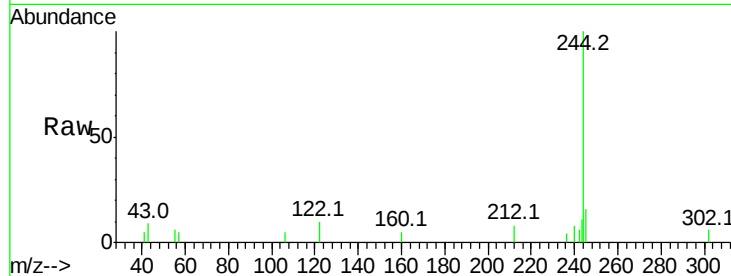




#78
 Terphenyl-d14
 Concen: 0.810 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:244 Resp: 5942
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 10.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100819.D
 Acq: 22 Nov 2017 11:57

Tgt Ion:264 Resp: 200882
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.1 17.5 26.3

