

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102950.D
 Acq On : 13 Feb 2018 5:26
 Operator : SJ/JU
 Sample : J1519-06 20X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2 SB39 N 8

Quant Time: Feb 13 06:22:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	166750	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	667305	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263925	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	373172	20.00	ng	0.00
75) Chrysene-d12	14.05	240	316126	20.00	ng	0.00
86) Perylene-d12	15.54	264	264379	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	28952	2.64	ng	0.00
7) Phenol-d6	6.50	99	40249	3.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	32926	3.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	2344	1.10	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	61472	3.86	ng	0.00
78) Terphenyl-d14	12.99	244	39806	2.98	ng	0.00

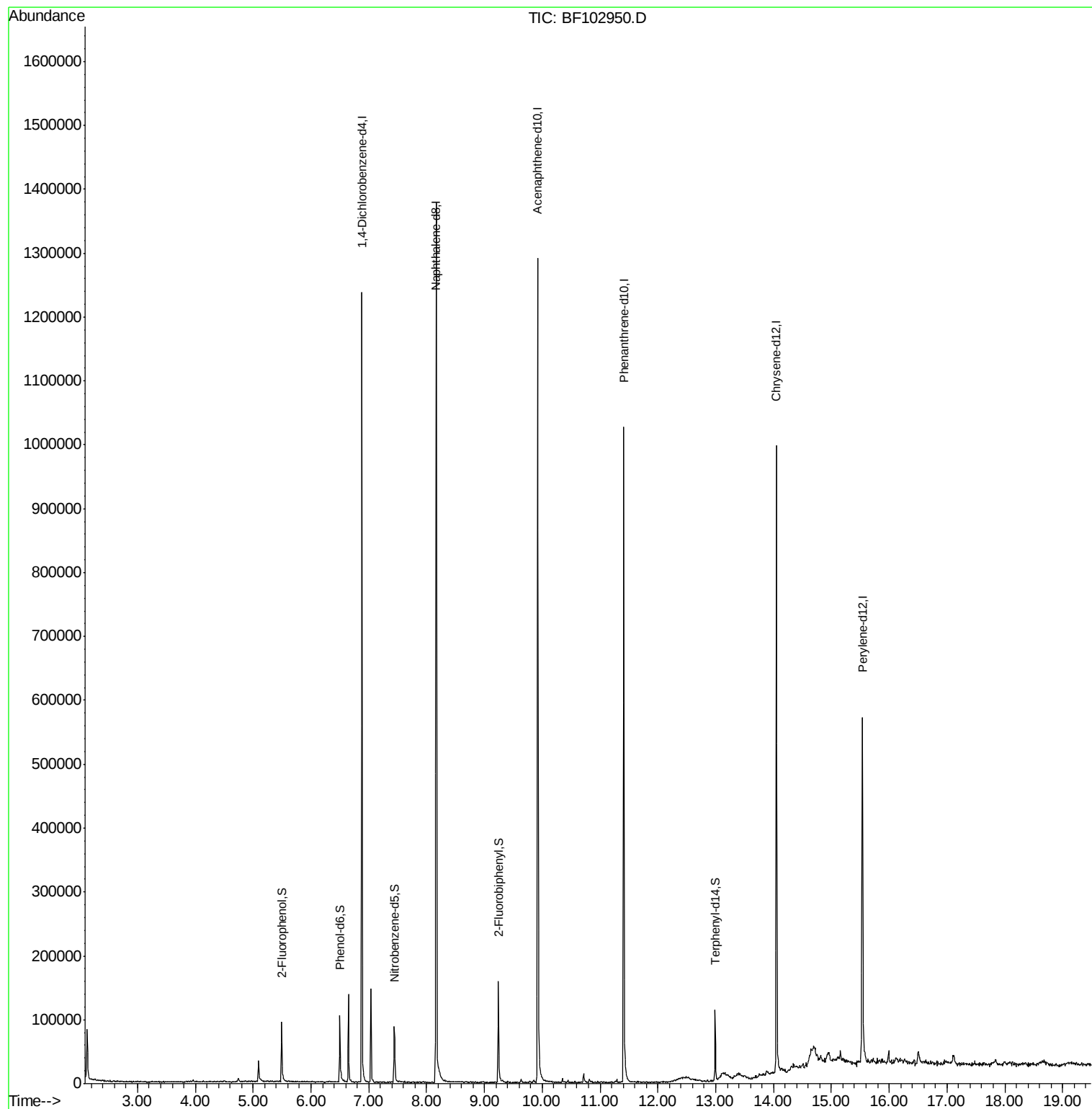
Target Compounds Qvalue

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

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A2_SB39_N_8

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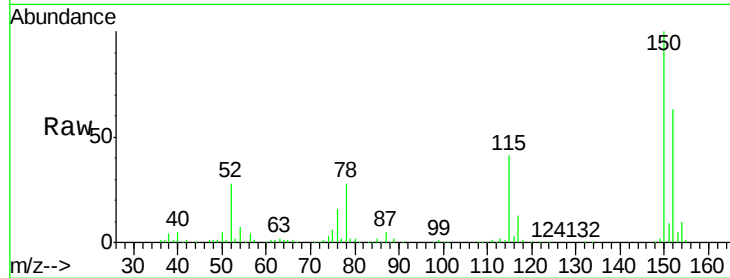


#1

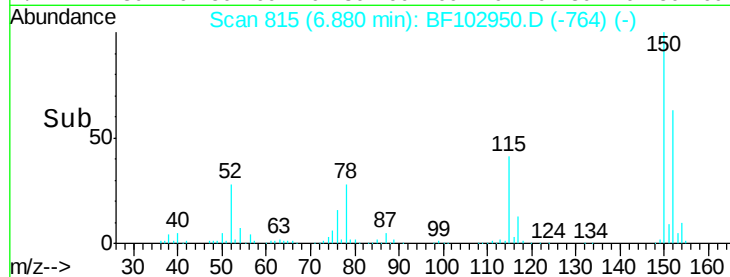
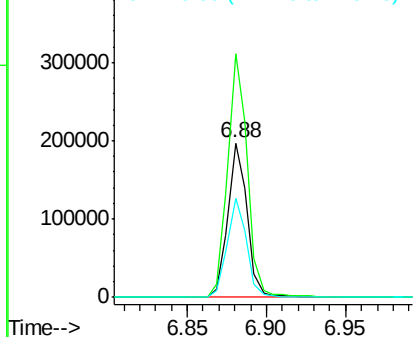
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102950.D
Acq: 13 Feb 2018 5:26

Instrument :
BNA_F
ClientSampleId :
A2_SB39_N_8

Tot Ion:152 Resp: 166750
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 64.3 50.1 75.1



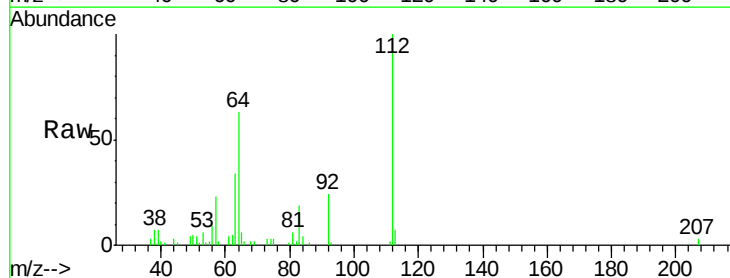
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



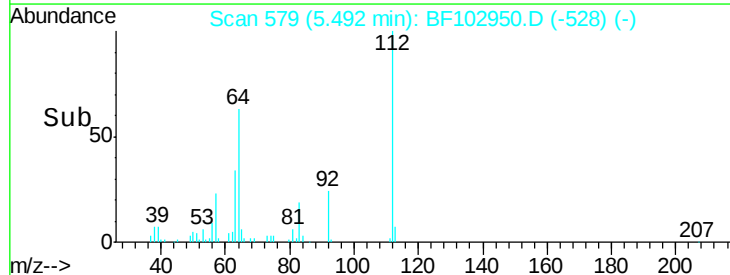
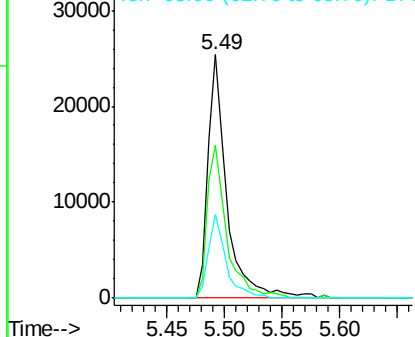
#5

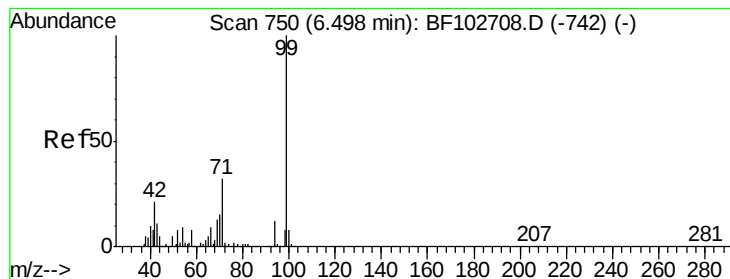
2-Fluorophenol
Concen: 2.637 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102950.D
Acq: 13 Feb 2018 5:26

Tgt Ion:112 Resp: 28952
Ion Ratio Lower Upper
112 100
64 62.5 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: 3.044 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102950.D

Acq: 13 Feb 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A2_SB39_N_8

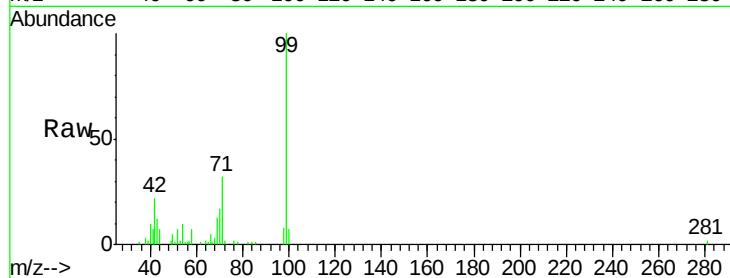
Tot Ion: 99 Resp: 40249

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

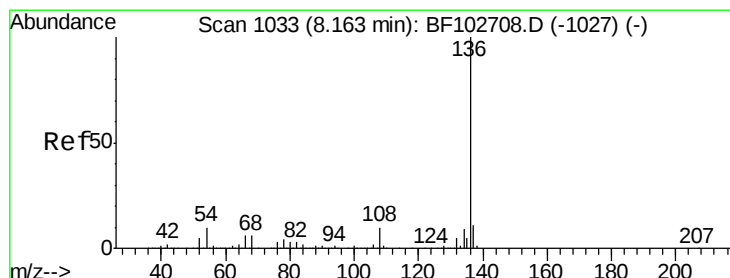
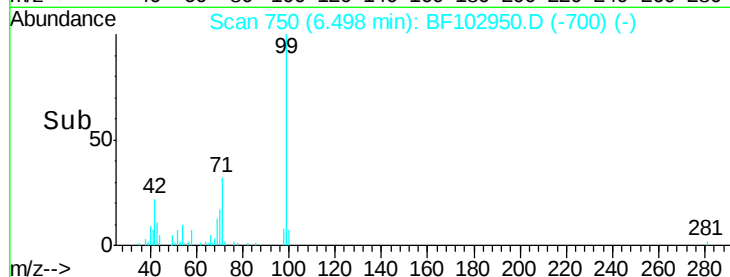
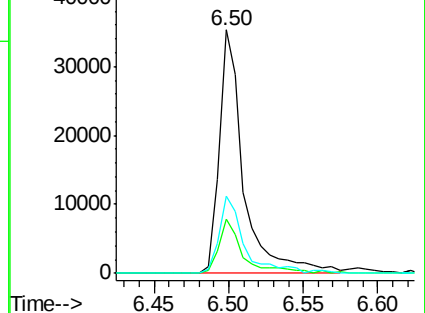
71 31.7 25.4 38.0



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. -0.01 min

Lab File: BF102950.D

Acq: 13 Feb 2018 5:26

Tgt Ion: 136 Resp: 667305

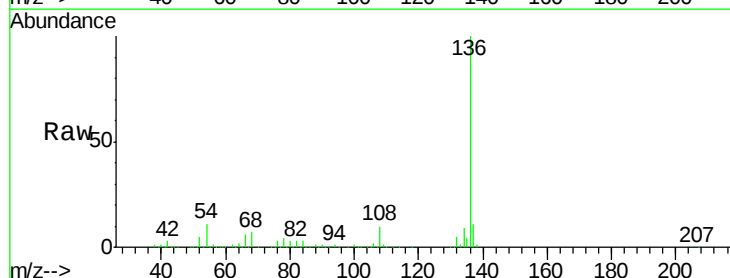
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.6 6.6 9.8#

68 7.1 5.0 7.4

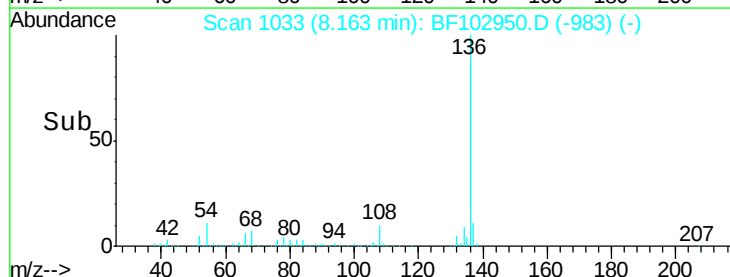
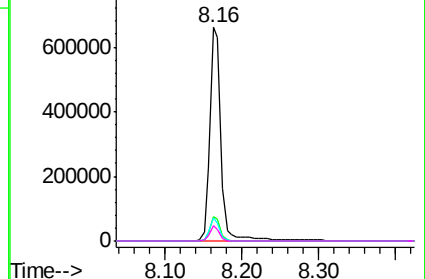


Abundance Ion 136.00 (135.70 to 136.70): E

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

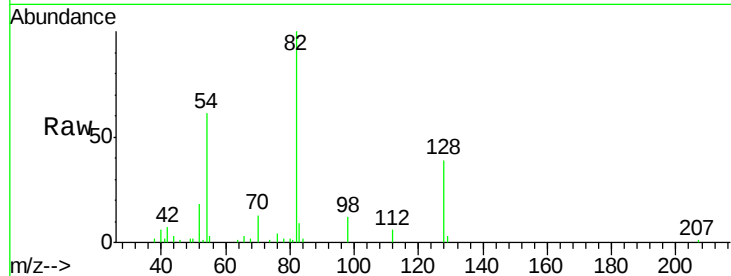




#23
 Nitrobenzene-d5
 Concen: 3.423 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102950.D
 Acq: 13 Feb 2018 5:26

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB39_N_8

Tot Ion	82	Resp	32926
Ion Ratio	Lower	Upper	
82	100		
128	39.1	36.1	54.1
54	60.5	41.4	62.2

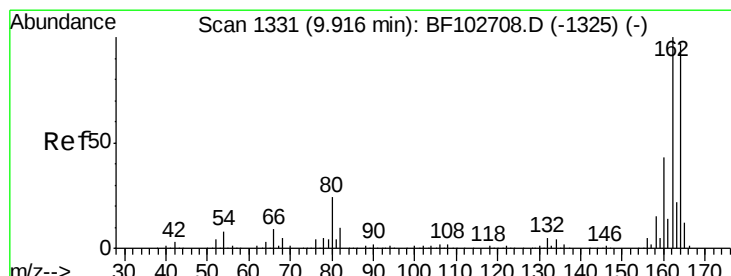
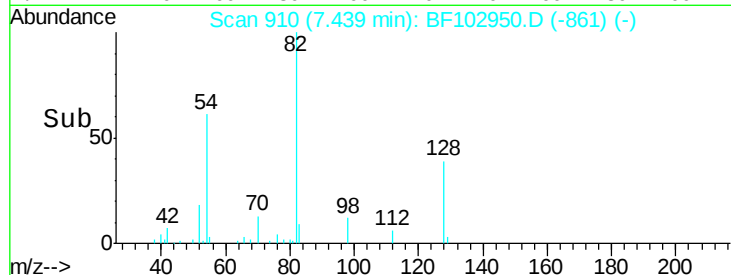
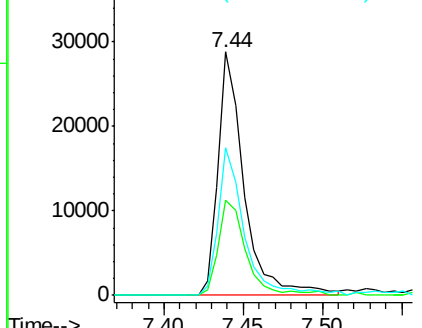


Abundance

Ion 82.00 (81.70 to 82.70): BF1

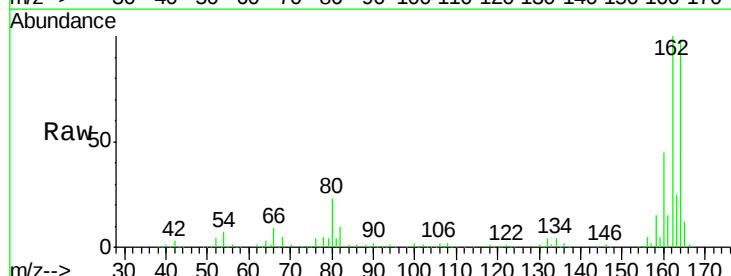
Ion 128.00 (127.70 to 128.70): BF1

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: BF102950.D
 Acq: 13 Feb 2018 5:26

Tgt Ion	164	Resp	263925
Ion Ratio	Lower	Upper	
164	100		
162	102.5	86.1	129.1
160	45.8	38.3	57.5

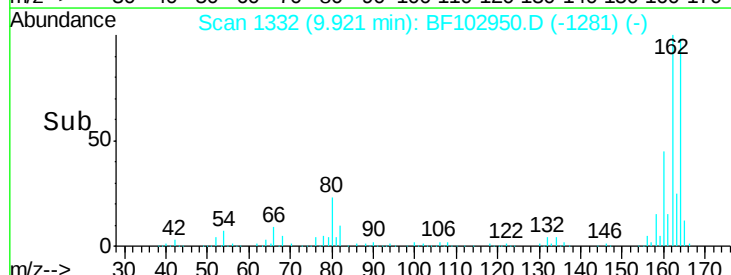
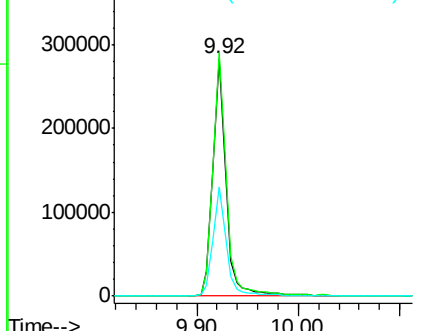


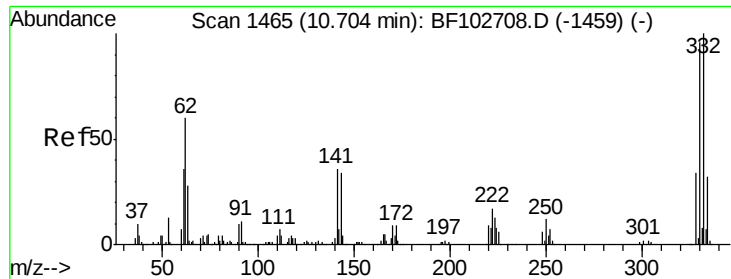
Abundance

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

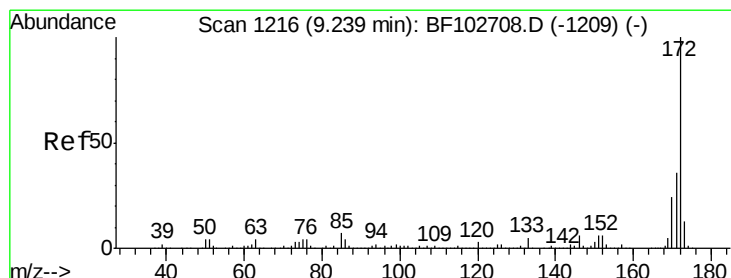
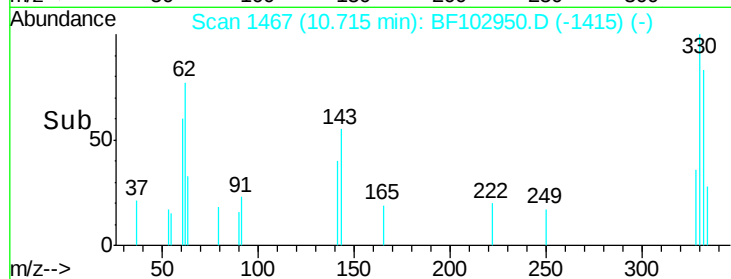
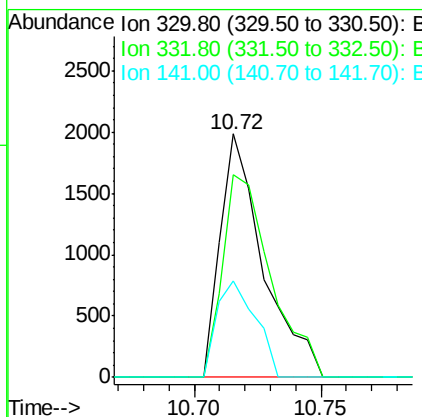
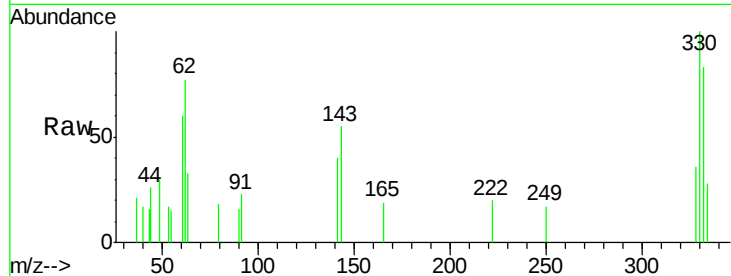




#41
 2,4,6-Tribromophenol
 Concen: 1.103 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102950.D
 Acq: 13 Feb 2018 5:26

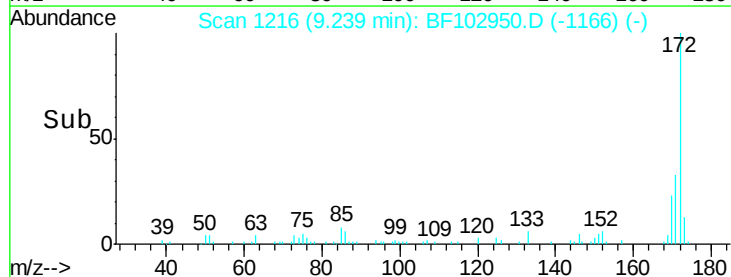
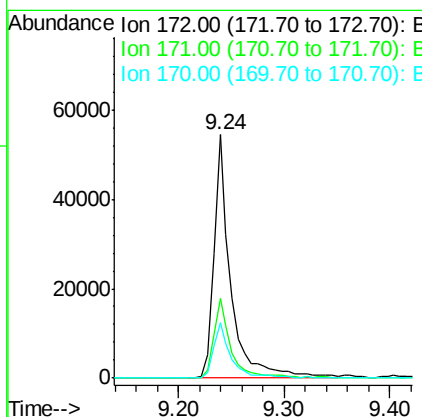
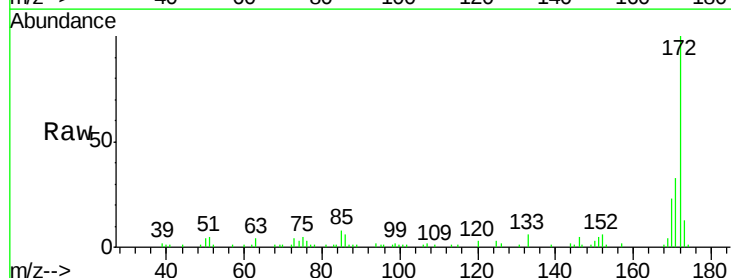
Instrument :
 BNA_F
 ClientSampleId :
 A2_SB39_N_8

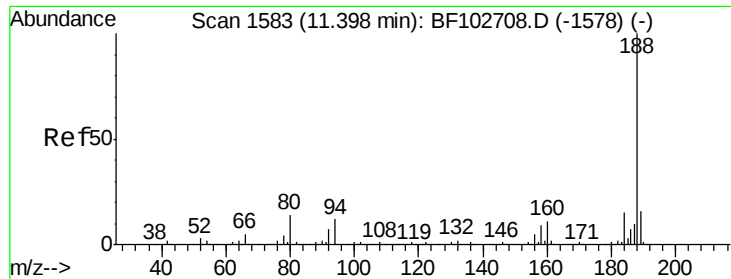
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	35.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 3.865 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102950.D
 Acq: 13 Feb 2018 5:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.7	44.5
170	22.8	19.6	29.4

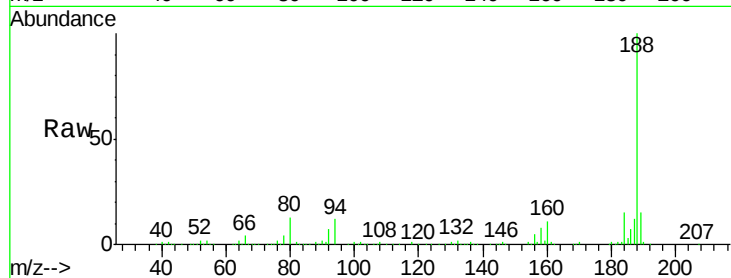




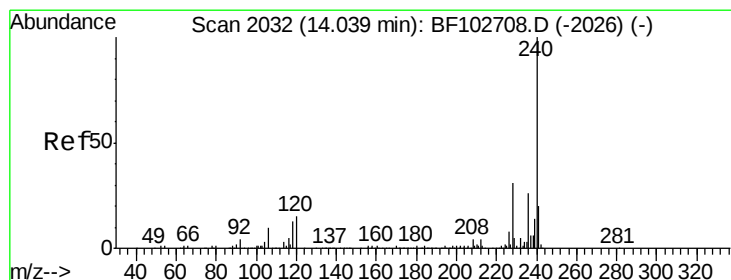
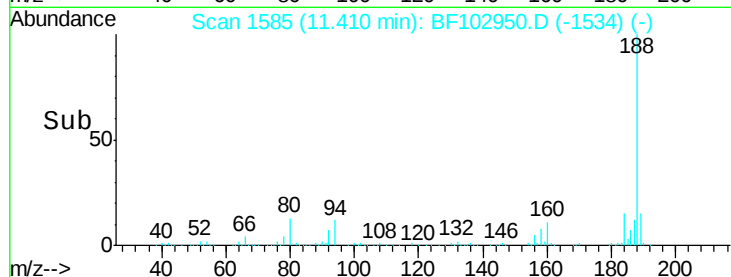
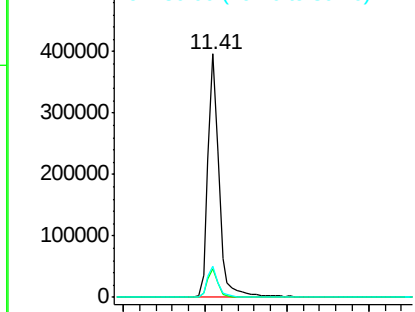
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102950.D
Acq: 13 Feb 2018 5:26

Instrument :
BNA_F
ClientSampleId :
A2_SB39_N_8

Tot Ion:188 Resp: 373172
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8

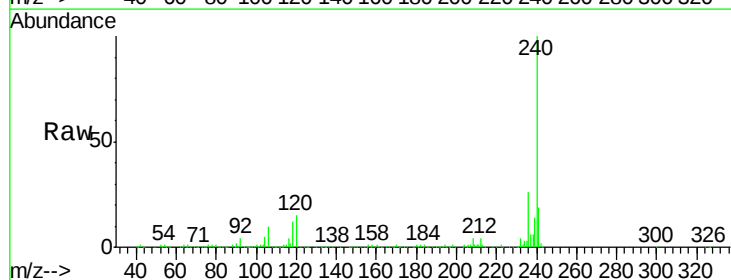


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

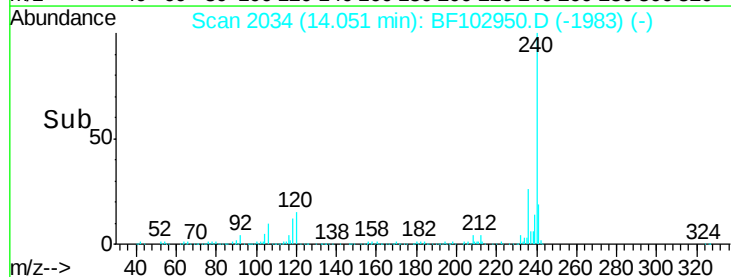
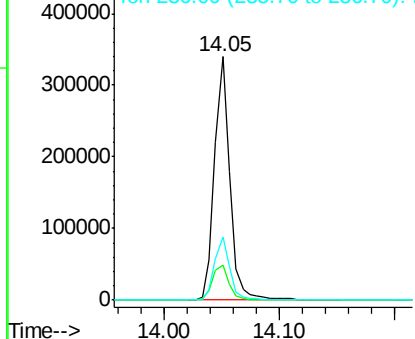


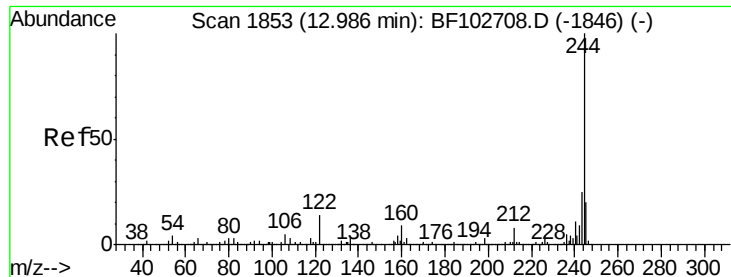
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102950.D
Acq: 13 Feb 2018 5:26

Tgt Ion:240 Resp: 316126
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.8 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





#78

Terphenyl-d14

Concen: 2.981 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102950.D

Acq: 13 Feb 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A2_SB39_N_8

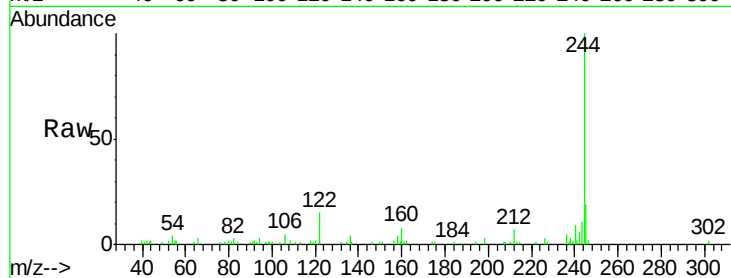
Tot Ion:244 Resp: 39806

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

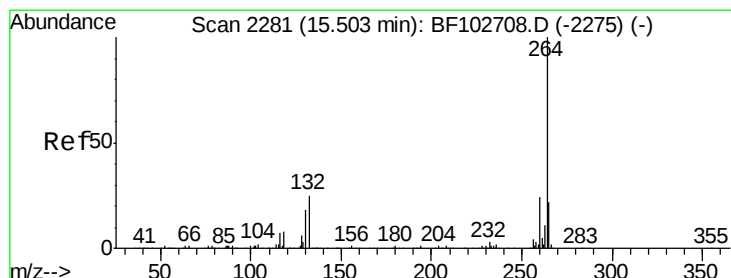
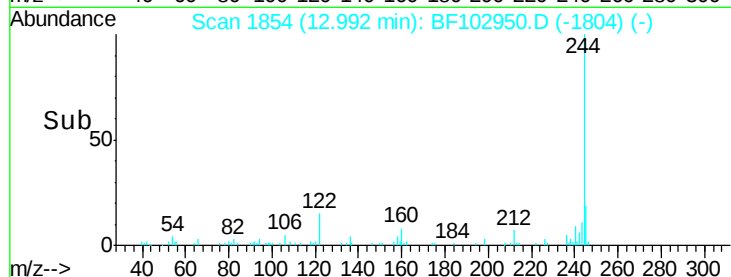
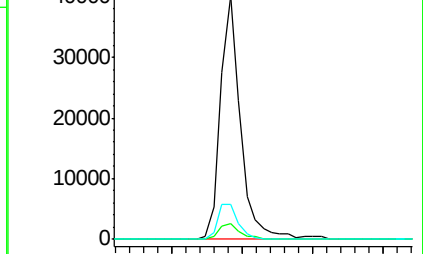
122 14.5 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102950.D

Acq: 13 Feb 2018 5:26

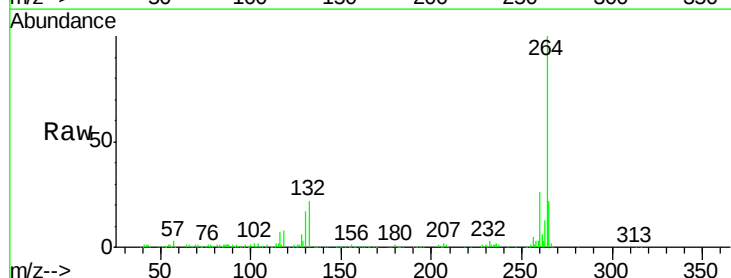
Tgt Ion:264 Resp: 264379

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 22.0 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

