

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098705.D
 Acq On : 22 Sep 2017 19:24
 Operator : SJ/JU
 Sample : PB102532BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BL

Quant Time: Sep 23 01:56:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	137735	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	572254	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	262340	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	480940	20.00	ng	0.00
75) Chrysene-d12	14.09	240	425702	20.00	ng	0.00
86) Perylene-d12	15.58	264	384665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1026562	113.18	ng	0.01
7) Phenol-d6	6.55	99	1221838	111.24	ng	0.00
23) Nitrobenzene-d5	7.49	82	739043	87.60	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	303668	126.57	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1349262	81.84	ng	0.00
78) Terphenyl-d14	13.03	244	1311616	66.16	ng	0.00

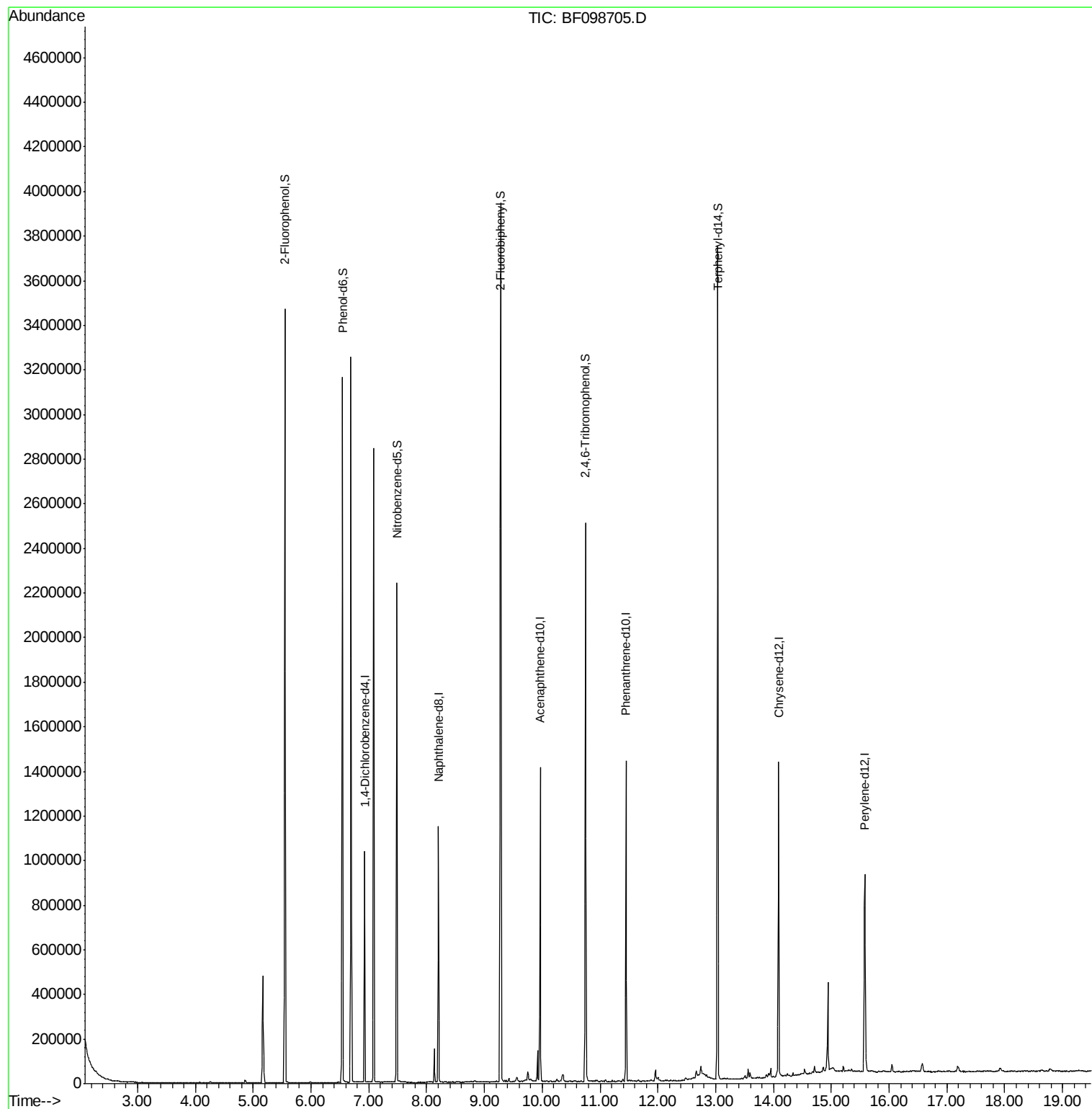
Target Compounds Qvalue

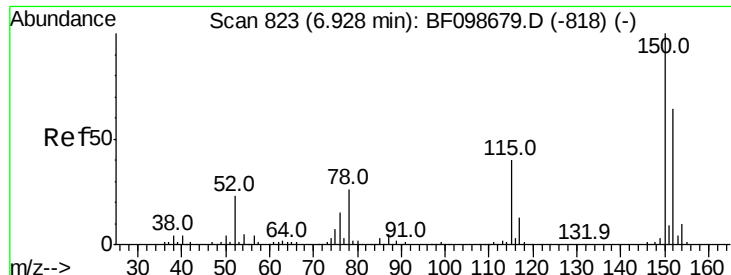
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098705.D
Acq On : 22 Sep 2017 19:24
Operator : SJ/JU
Sample : PB102532BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102532BL

Quant Time: Sep 23 01:56:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration



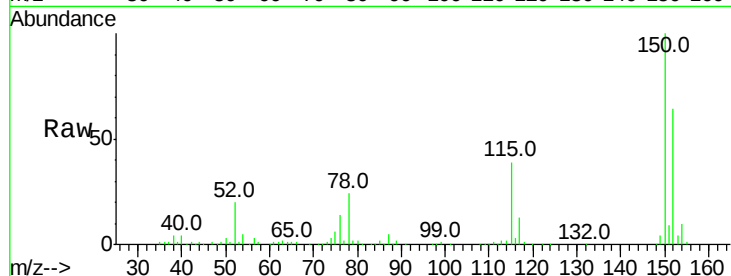


#1

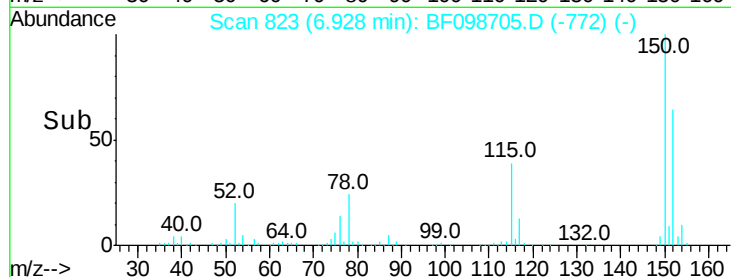
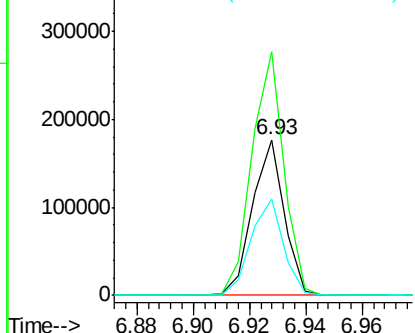
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

Instrument :
BNA_F
ClientSampleId :
PB102532BL

Tot Ion:152 Resp: 137735
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 61.6 50.1 75.1



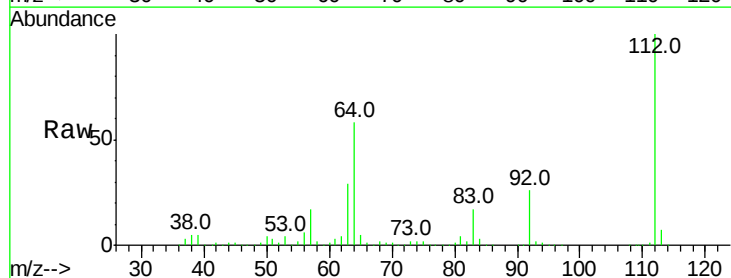
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



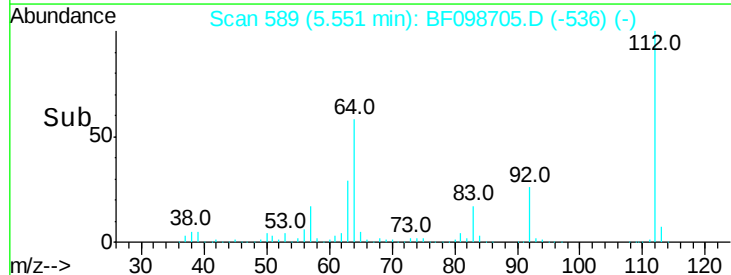
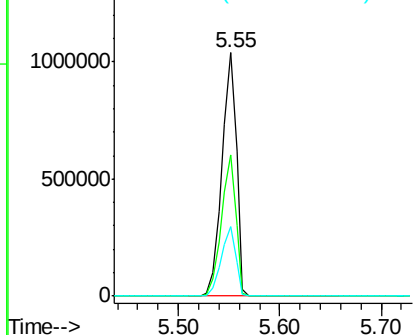
#5

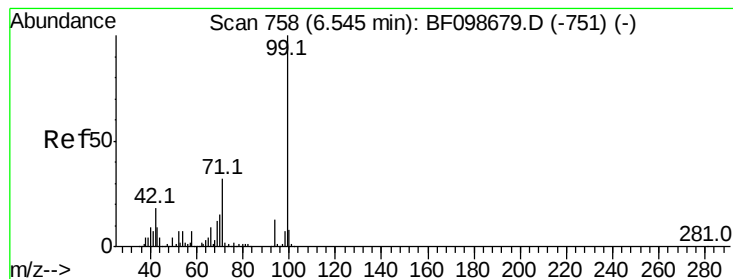
2-Fluorophenol
Concen: 113.178 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

Tgt Ion:112 Resp: 1026562
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.241 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

PB102532BL

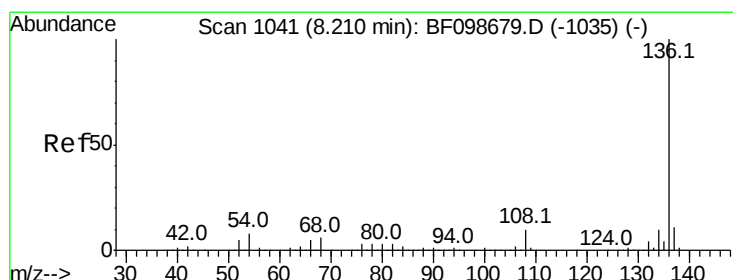
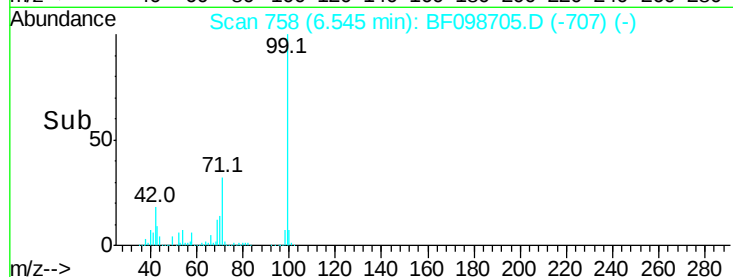
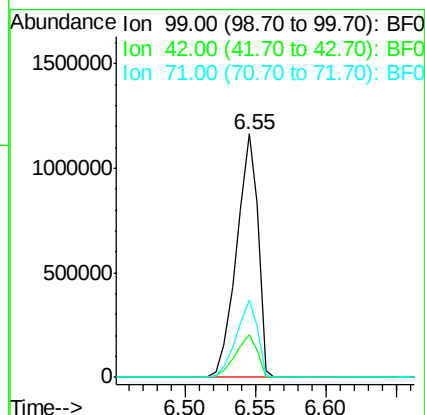
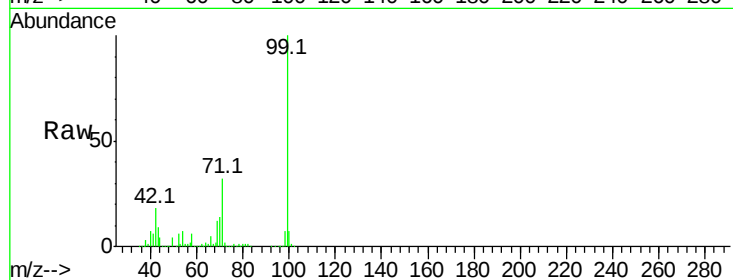
Tot Ion: 99 Resp: 1221838

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

Tgt Ion: 136 Resp: 572254

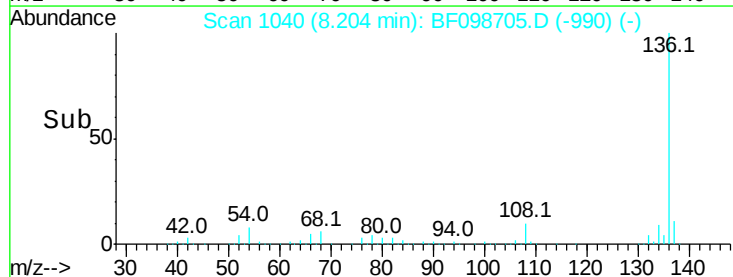
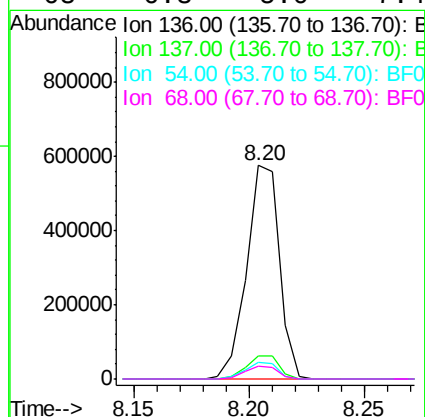
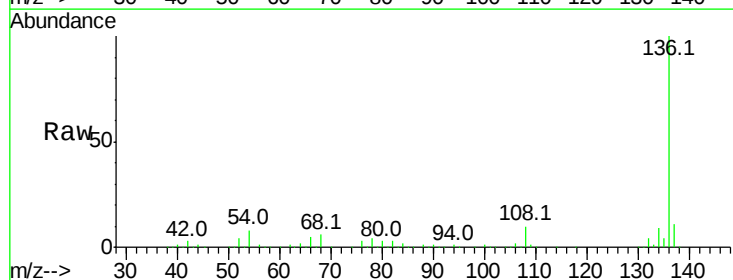
Ion Ratio Lower Upper

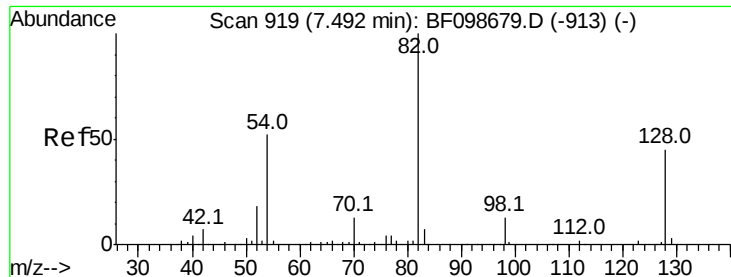
136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 6.3 5.0 7.4

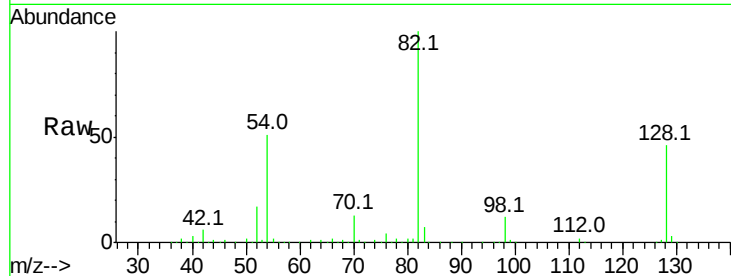




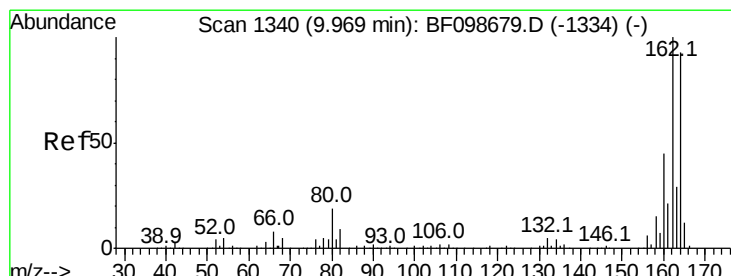
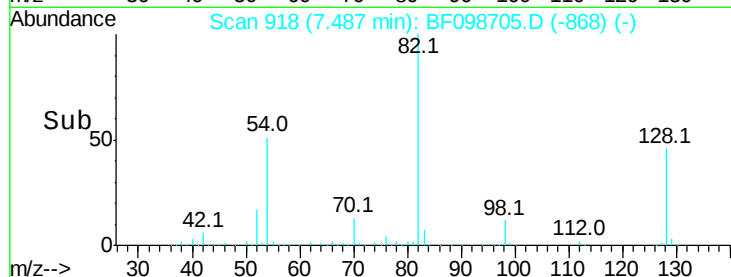
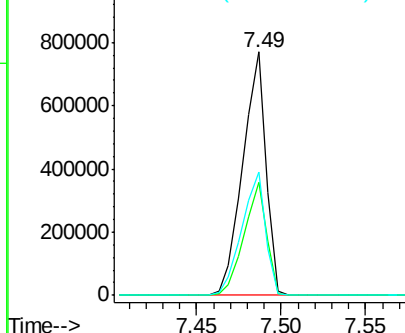
#23
 Nitrobenzene-d5
 Concen: 87.601 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BL

Tot Ion: 82 Resp: 739043
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 50.6 41.4 62.2

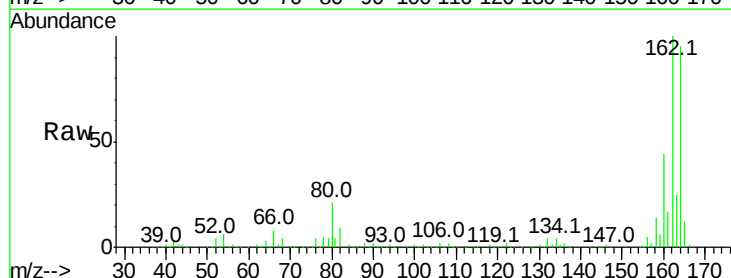


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

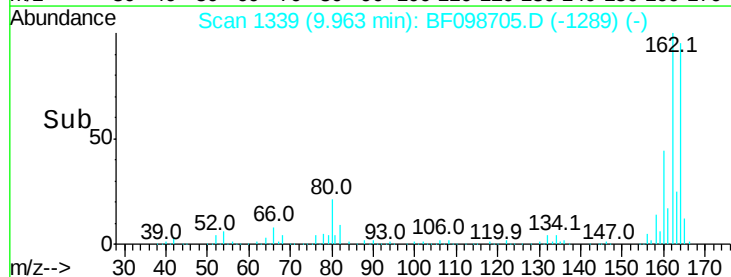
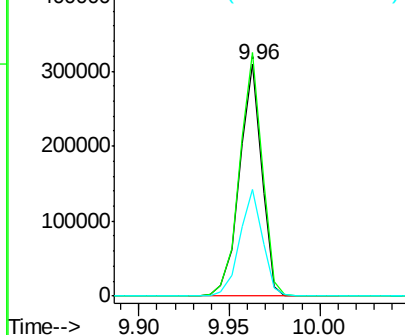


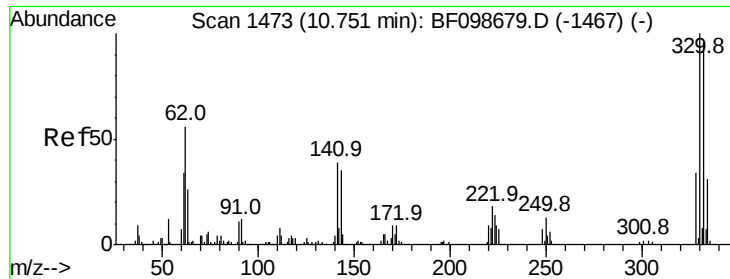
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Tgt Ion:164 Resp: 262340
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 46.1 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

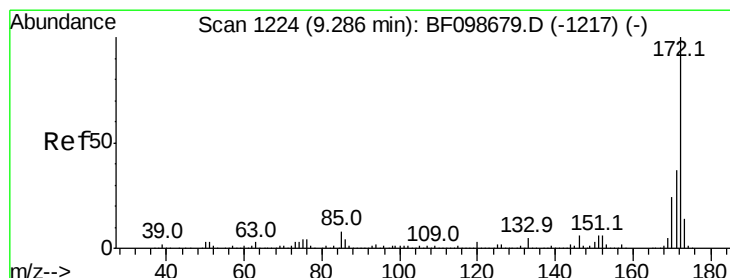
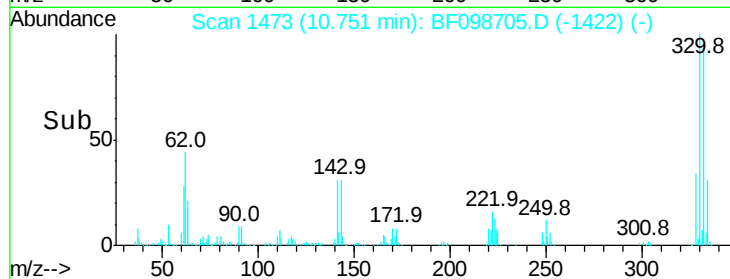
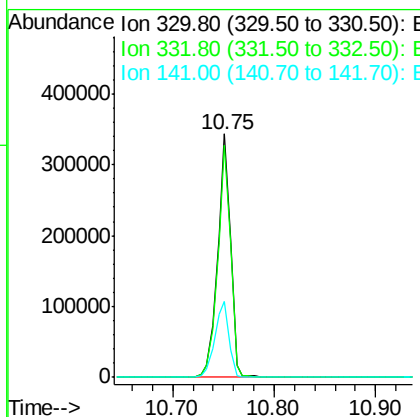
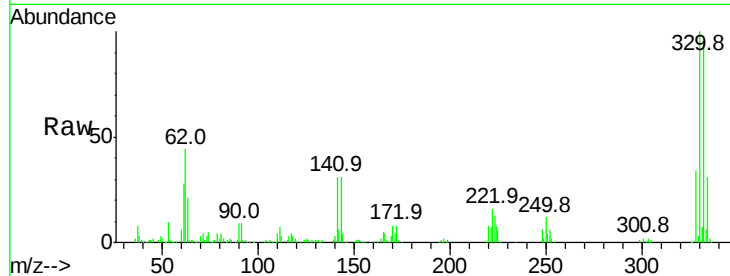




#41
 2,4,6-Tribromophenol
 Concen: 126.573 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

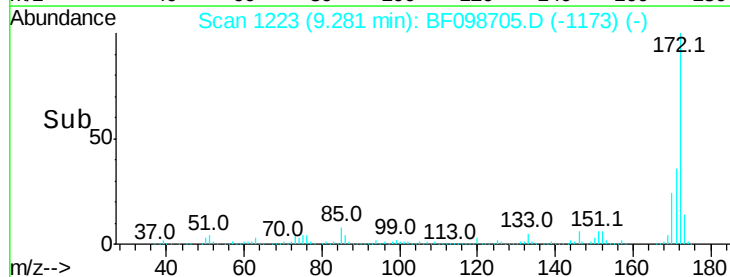
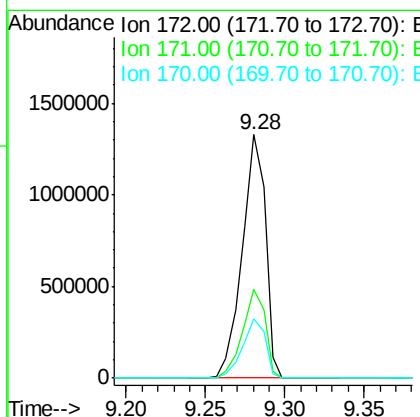
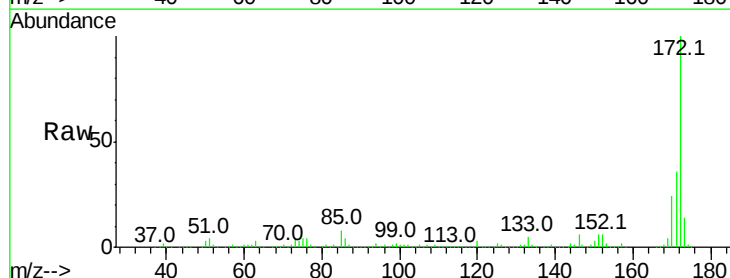
Instrument :
 BNA_F
 ClientSampleId :
 PB102532BL

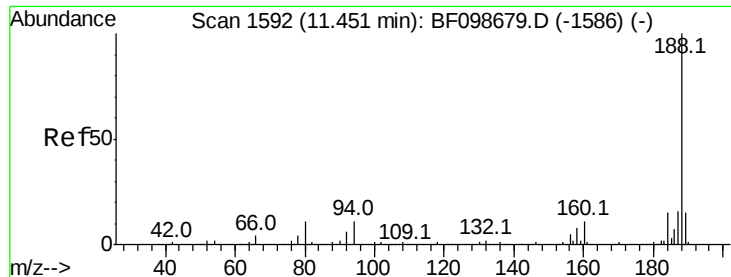
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.843 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

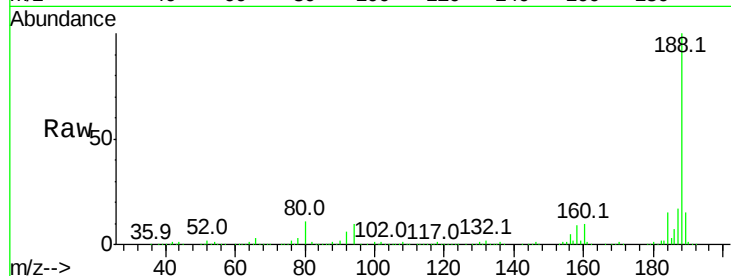




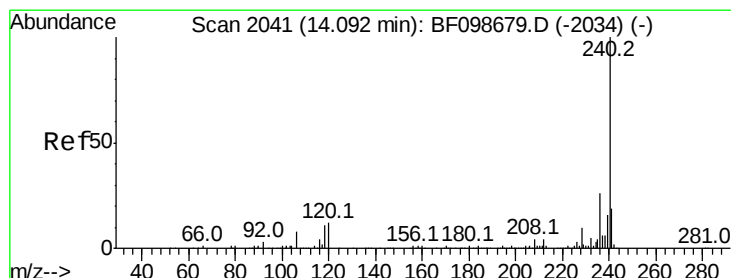
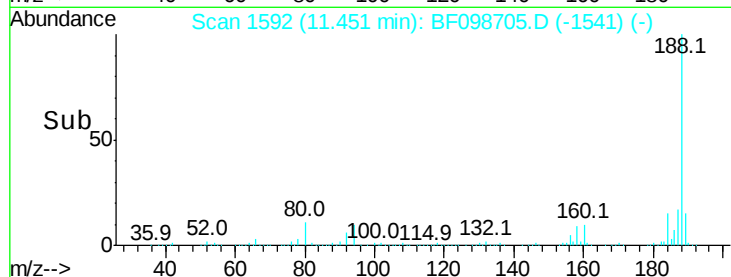
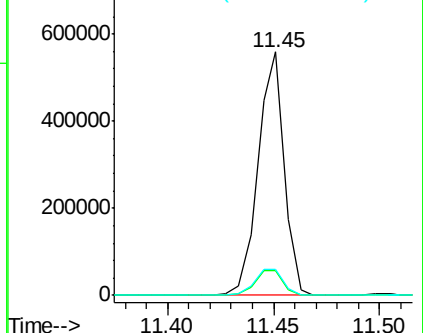
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

Instrument :
BNA_F
ClientSampleId :
PB102532BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8

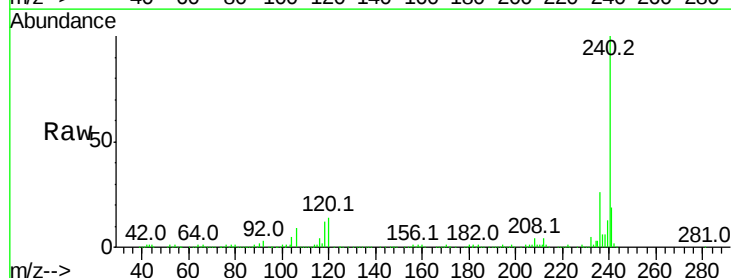


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

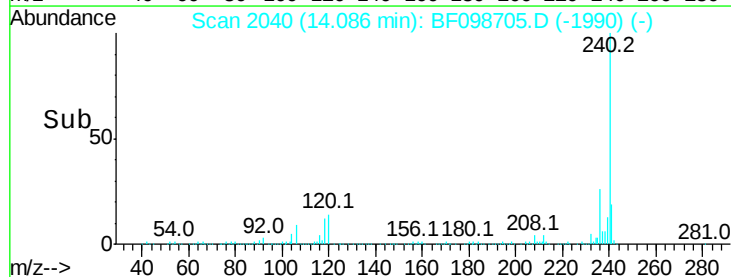
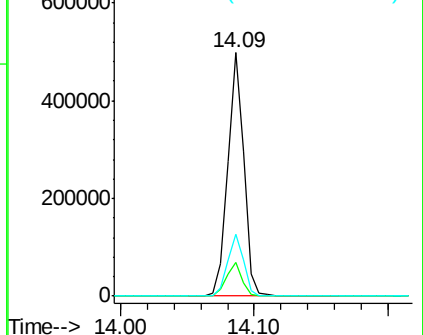


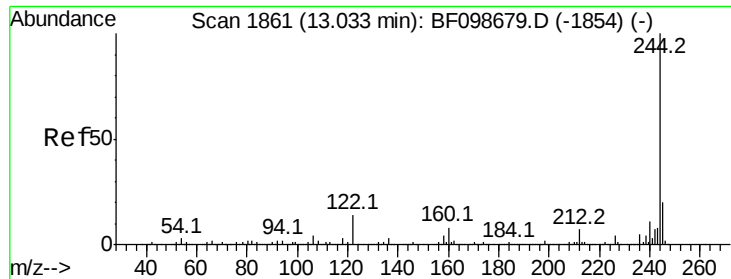
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.6	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: 66.157 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

PB102532BL

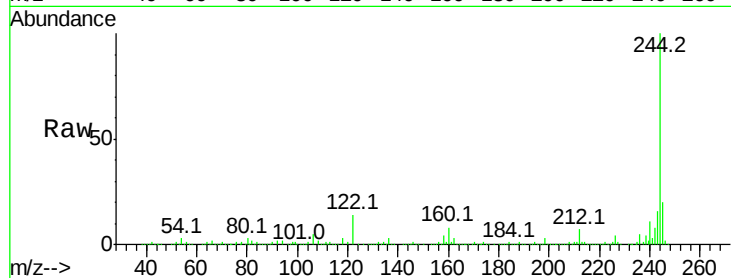
Tot Ion:244 Resp: 1311616

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

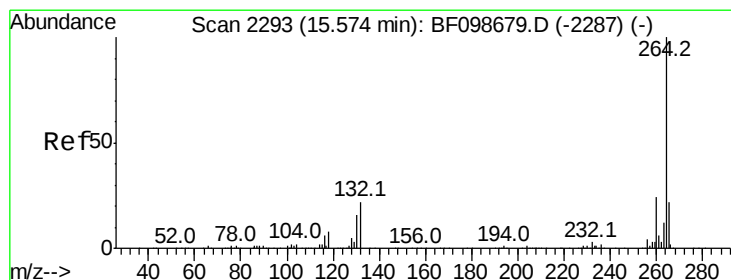
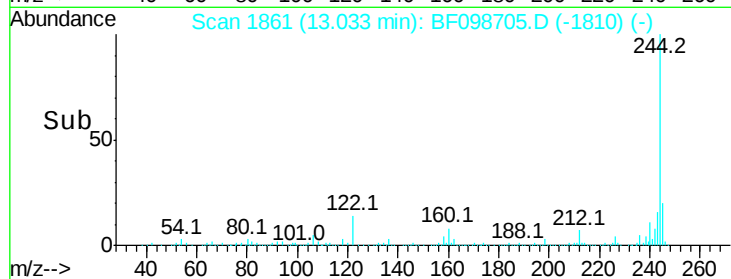
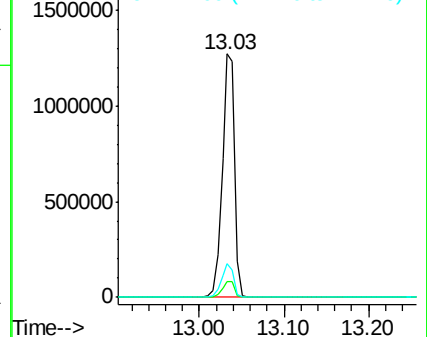
122 14.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

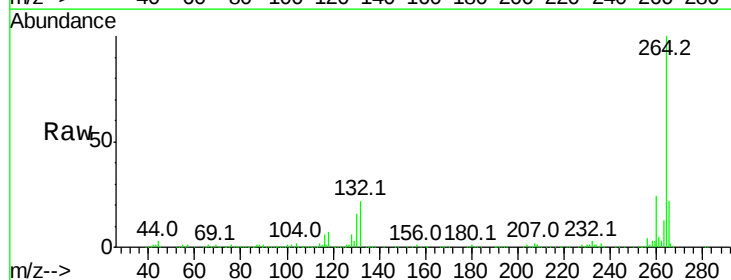
Tgt Ion:264 Resp: 384665

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 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

