

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096897.D
 Acq On : 20 Jul 2017 9:38
 Operator : SJ/JU
 Sample : I4245-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-B

Quant Time: Jul 20 15:55:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	96522	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	394351	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	137669	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	233459	20.00	ng	0.00
75) Chrysene-d12	13.72	240	173535	20.00	ng	-0.01
86) Perylene-d12	15.10	264	127737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	644004	100.32	ng	0.00
7) Phenol-d6	6.25	99	717528	93.14	ng	0.00
23) Nitrobenzene-d5	7.16	82	474752	74.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	140304	119.40	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	831770	95.46	ng	-0.01
78) Terphenyl-d14	12.69	244	582677	58.23	ng	0.00

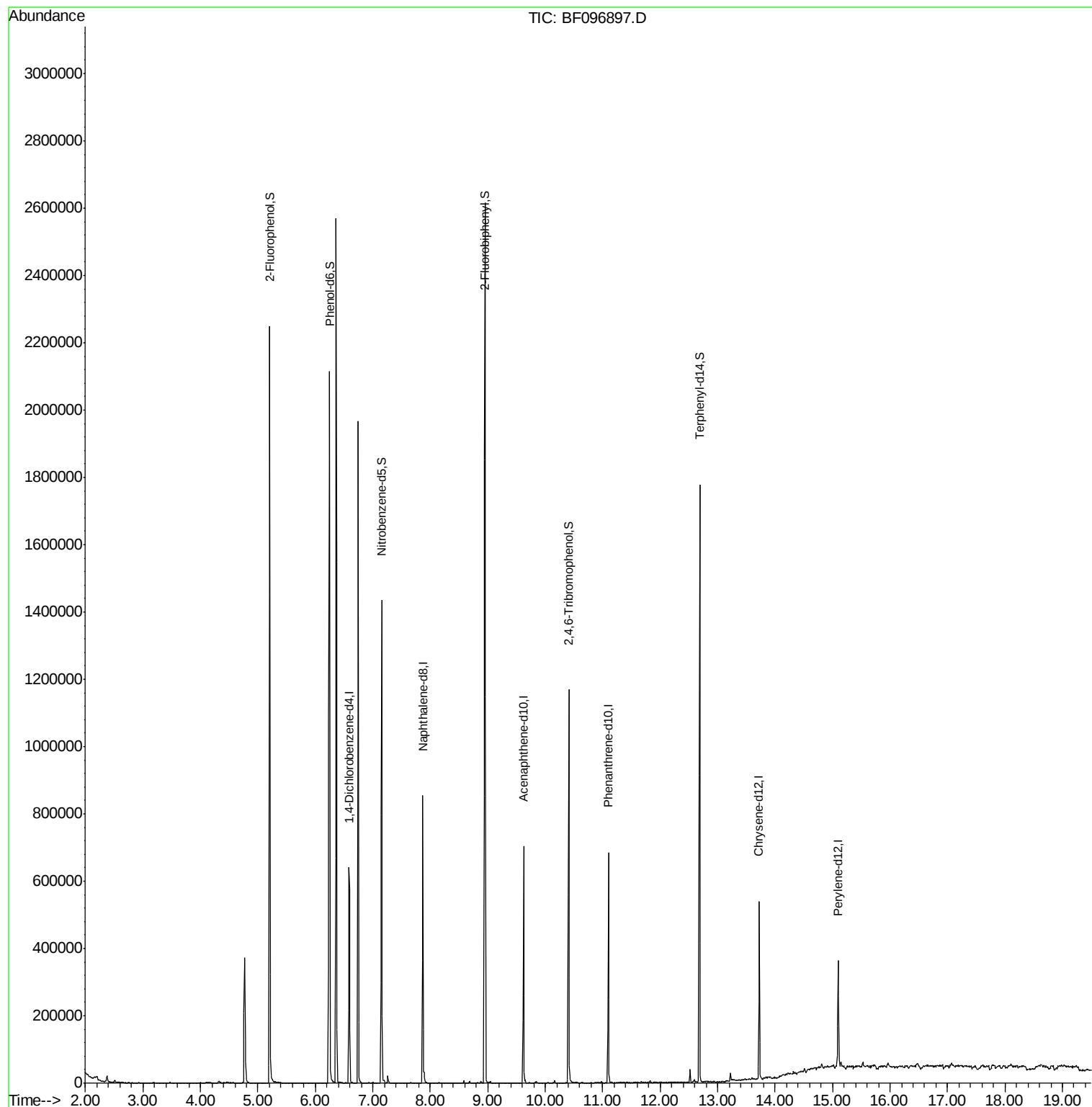
Target Compounds Qvalue

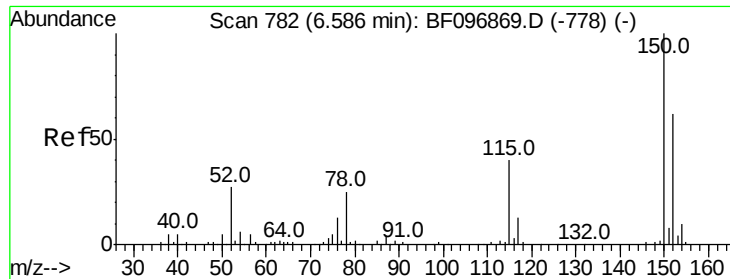
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096897.D
Acq On : 20 Jul 2017 9:38
Operator : SJ/JU
Sample : I4245-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-B

Quant Time: Jul 20 15:55:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



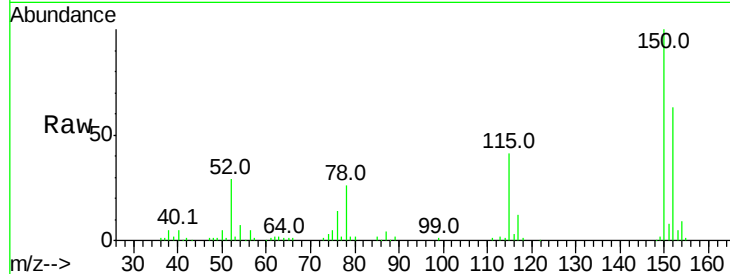


#1

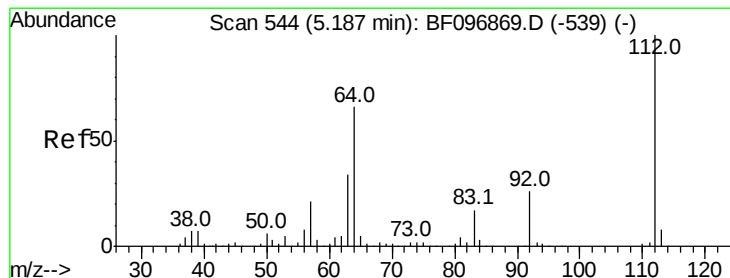
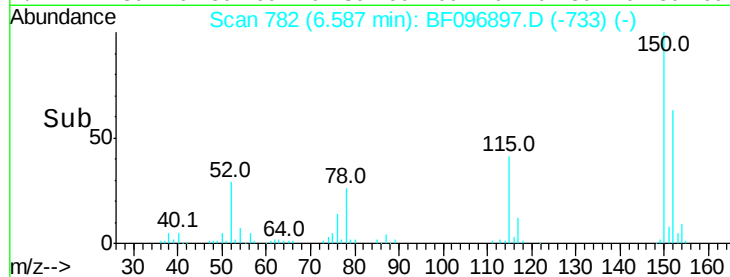
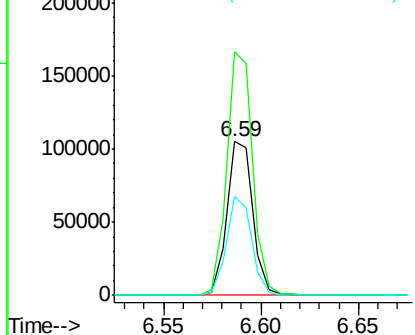
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.59 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096897.D
 Acq: 20 Jul 2017 9:38

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-B

Tot Ion:152 Resp: 96522
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.2 189.2
 115 64.4 52.2 78.2



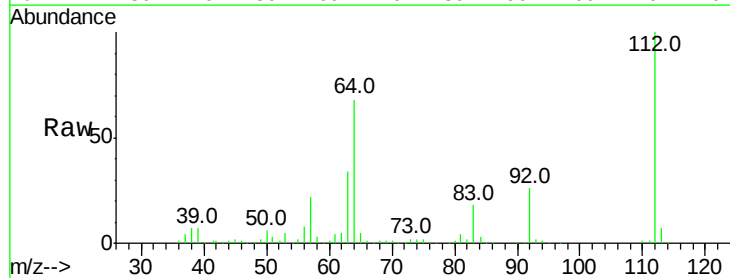
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



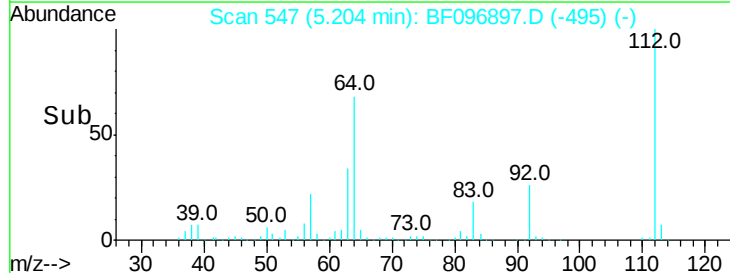
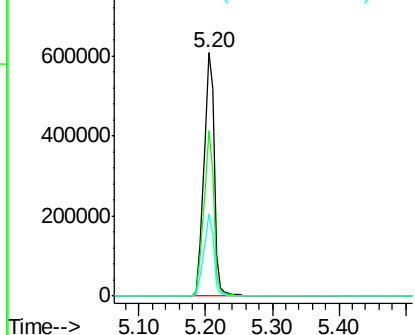
#5

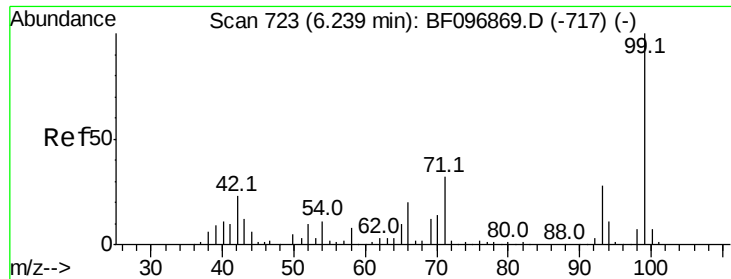
2-Fluorophenol
 Concen: 100.321 ng
 RT: 5.20 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF096897.D
 Acq: 20 Jul 2017 9:38

Tgt Ion:112 Resp: 644004
 Ion Ratio Lower Upper
 112 100
 64 67.8 46.0 69.0
 63 33.9 23.4 35.0



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: 93.143 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096897.D

Acq: 20 Jul 2017 9:38

Instrument :

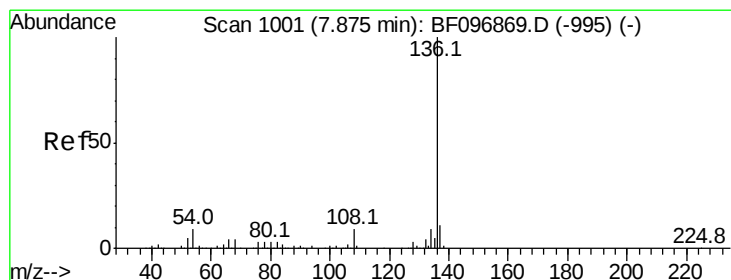
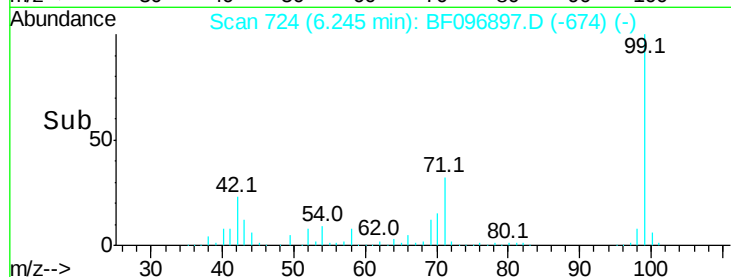
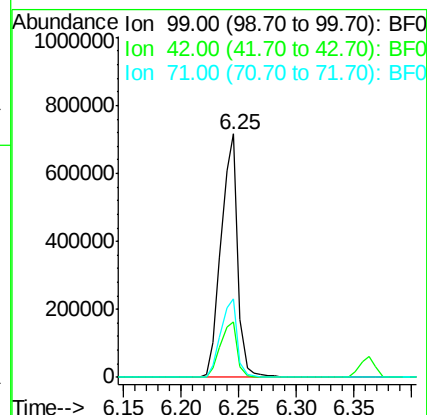
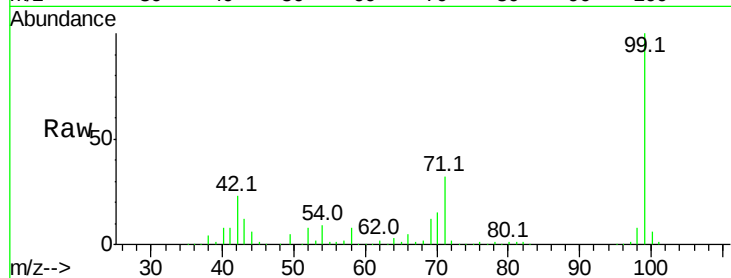
BNA_F

ClientSampleId :

PL-01-071717-B

Tot Ion: 99 Resp: 717528

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	32.1	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 1000

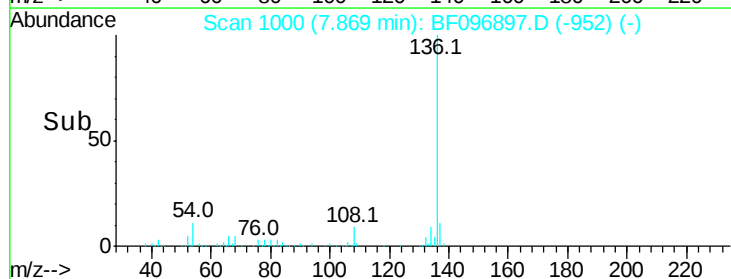
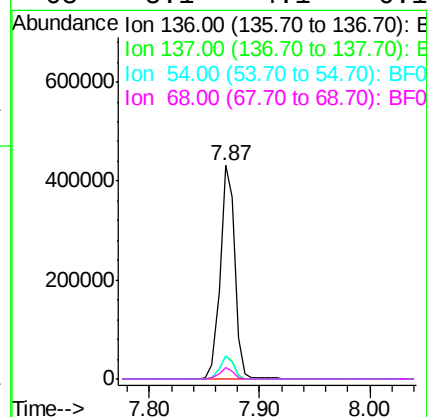
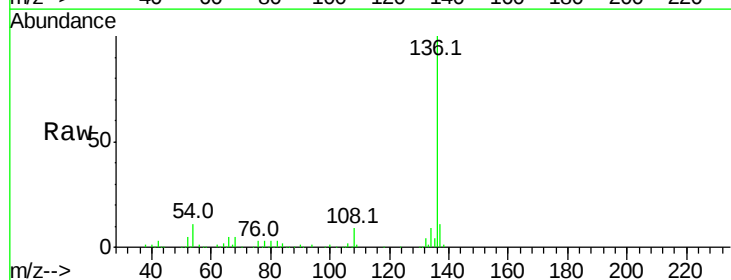
Delta R.T. -0.02 min

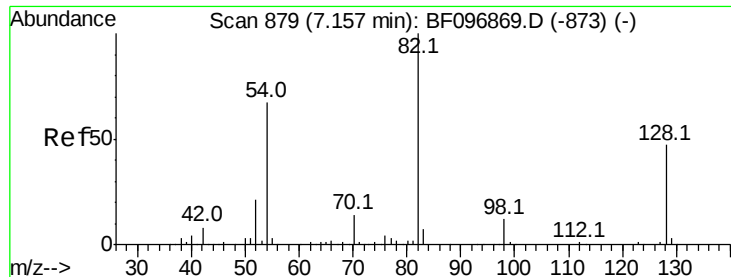
Lab File: BF096897.D

Acq: 20 Jul 2017 9:38

Tgt Ion: 136 Resp: 394351

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.6	4.9	7.3#
68	5.1	4.1	6.1

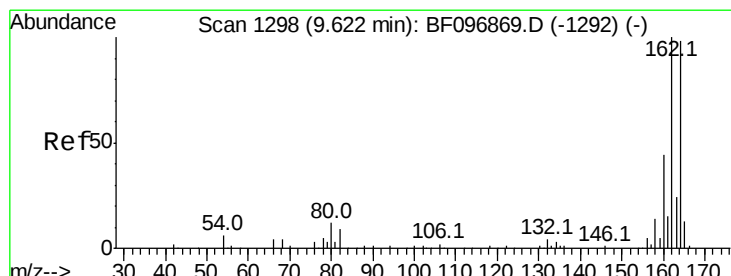
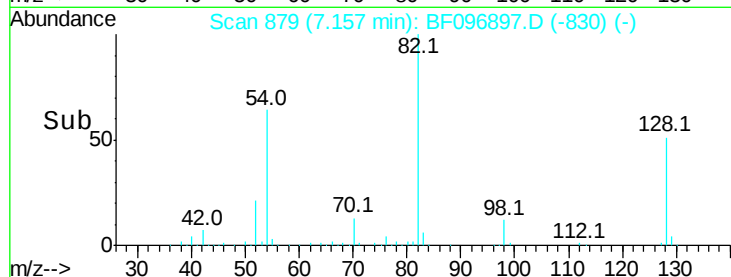
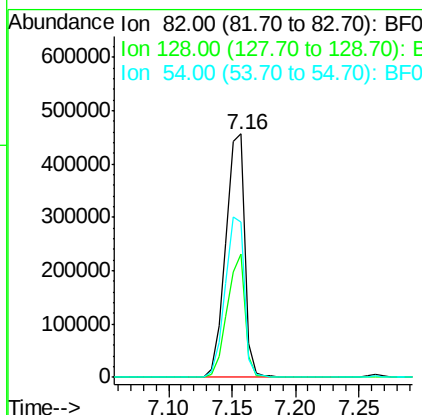
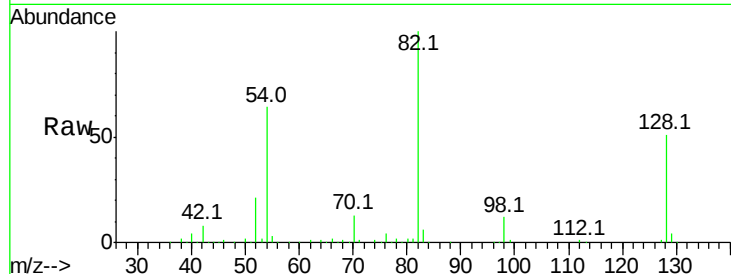




#23
 Nitrobenzene-d5
 Concen: 74.569 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096897.D
 Acq: 20 Jul 2017 9:38

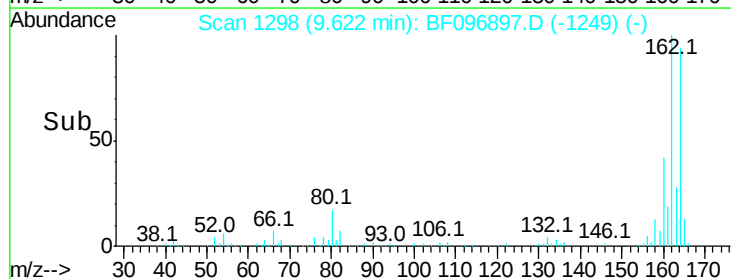
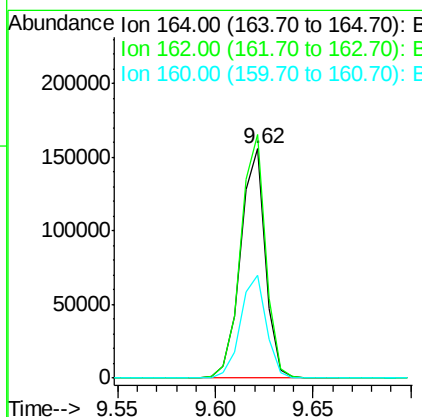
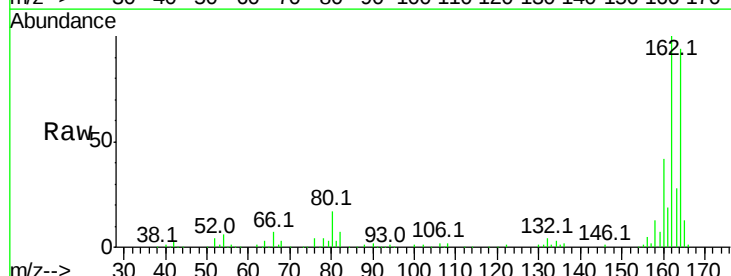
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-B

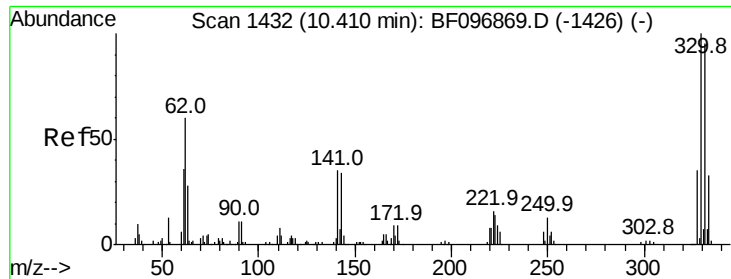
Tot Ion: 82 Resp: 474752
 Ion Ratio Lower Upper
 82 100
 128 50.6 34.0 51.0
 54 64.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096897.D
 Acq: 20 Jul 2017 9:38

Tgt Ion:164 Resp: 137669
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 44.6 36.2 54.2

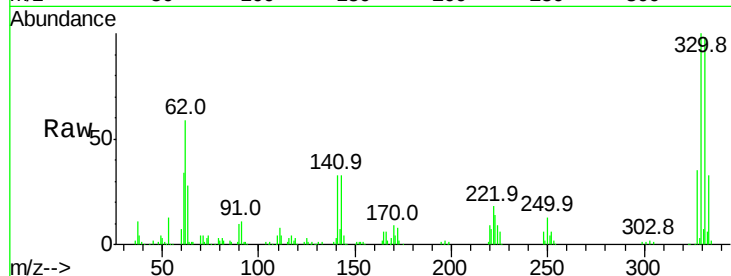




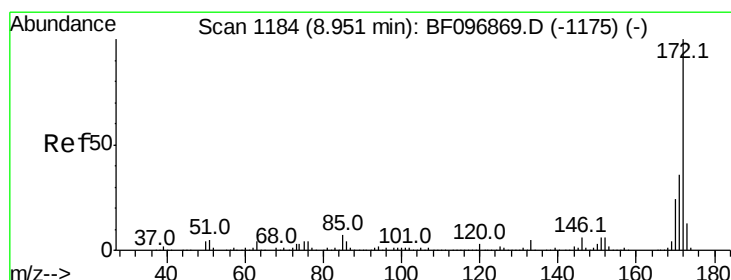
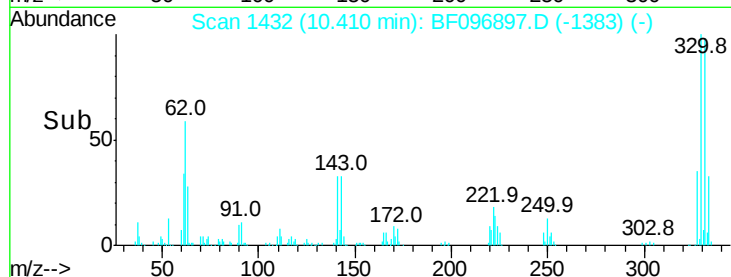
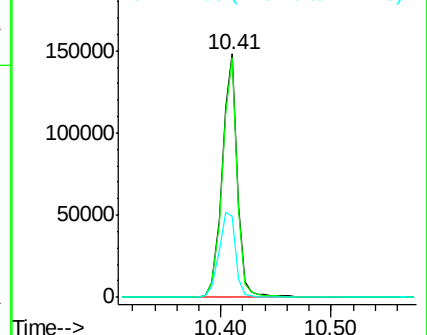
#41
 2,4,6-Tribromophenol
 Concen: 119.395 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096897.D
 Acq: 20 Jul 2017 9:38

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	38.3	31.4	47.2

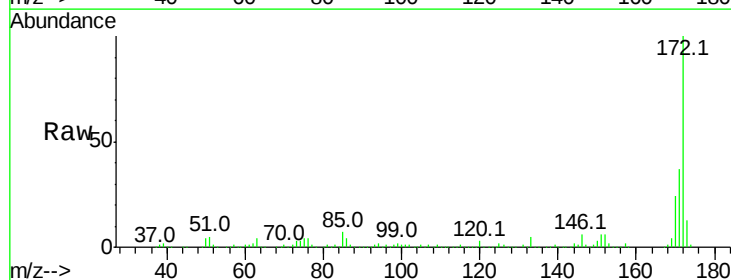


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

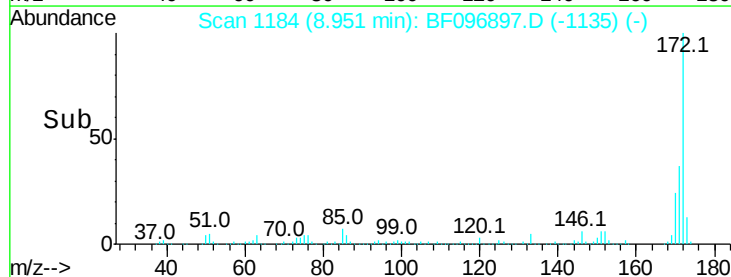
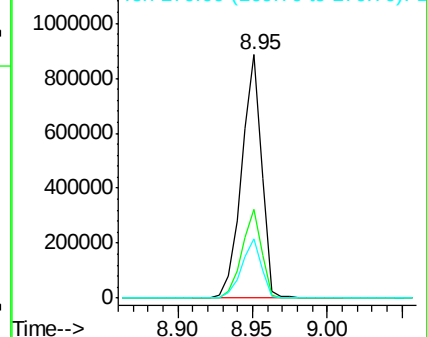


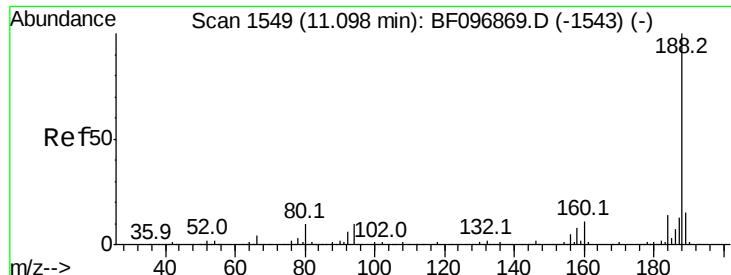
#44
 2-Fluorobiphenyl
 Concen: 95.456 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096897.D
 Acq: 20 Jul 2017 9:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	19.8	29.8



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

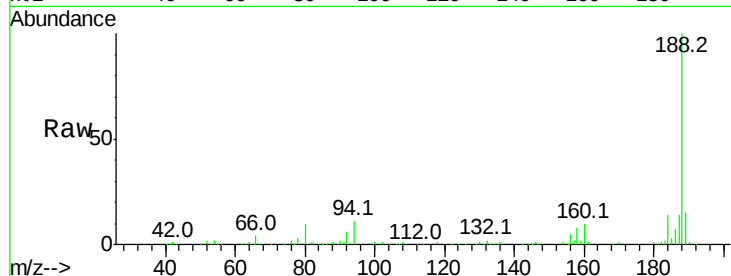




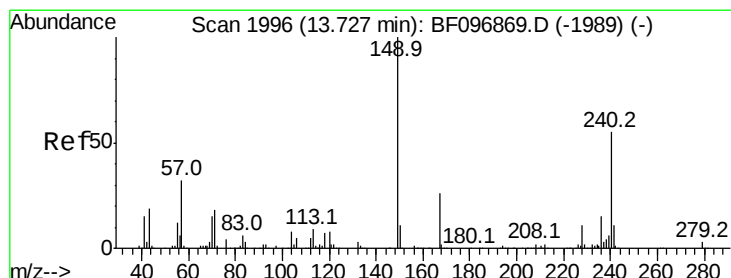
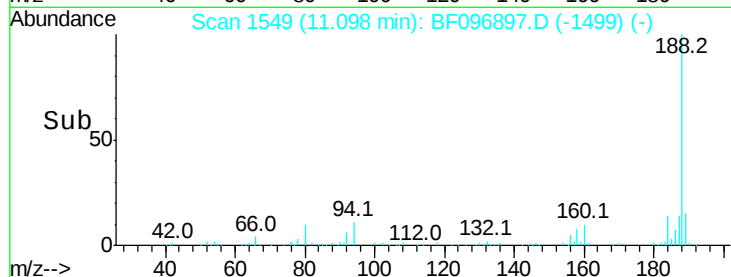
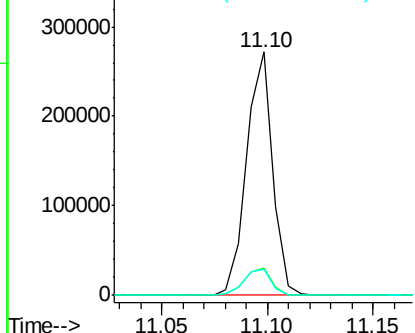
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096897.D
Acq: 20 Jul 2017 9:38

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	10.5	10.2	15.2

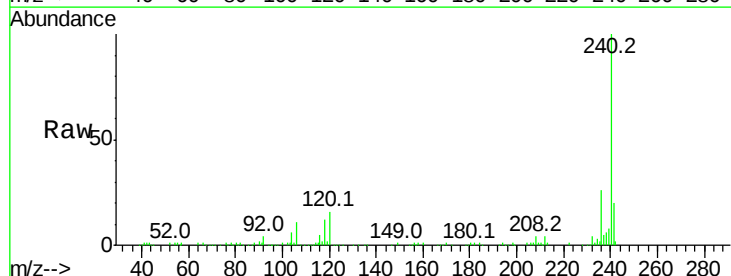


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

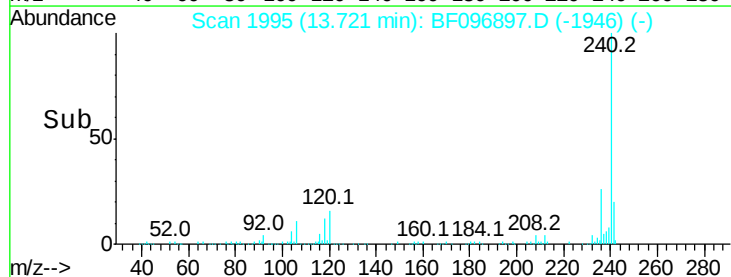
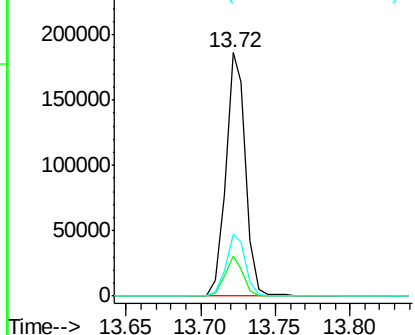


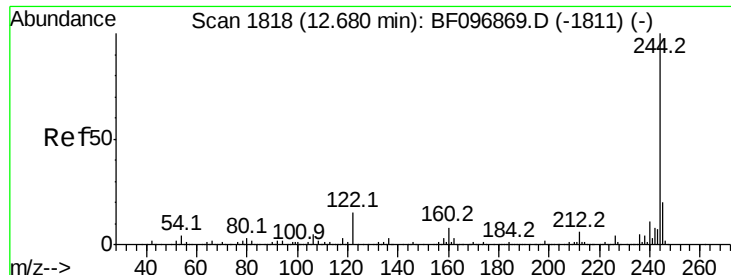
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096897.D
Acq: 20 Jul 2017 9:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.8	8.8#
236	25.6	20.5	30.7



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: 58.231 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096897.D

Acq: 20 Jul 2017 9:38

Instrument :

BNA_F

ClientSampleId :

PL-01-071717-B

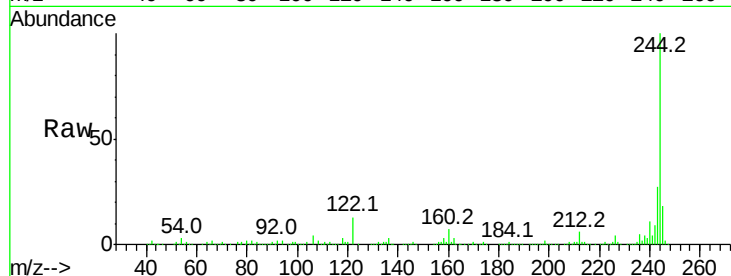
Tot Ion:244 Resp: 582677

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

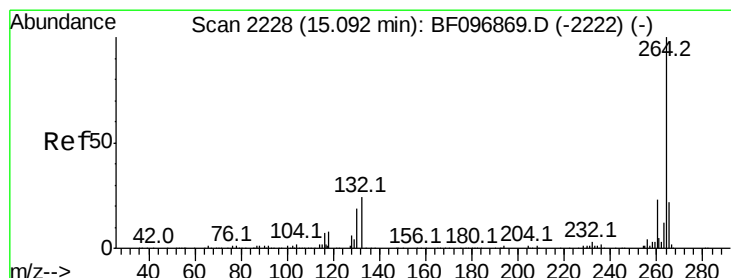
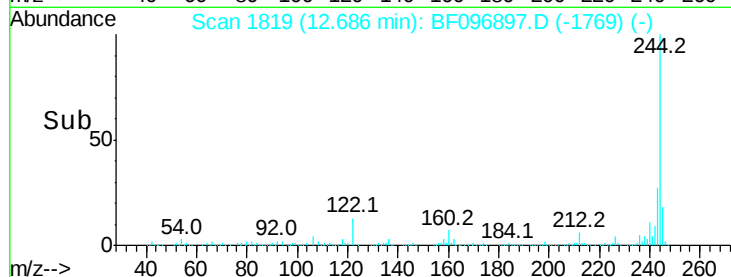
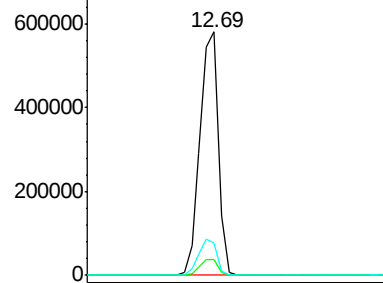
122 13.2 10.3 15.5



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: 15.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF096897.D

Acq: 20 Jul 2017 9:38

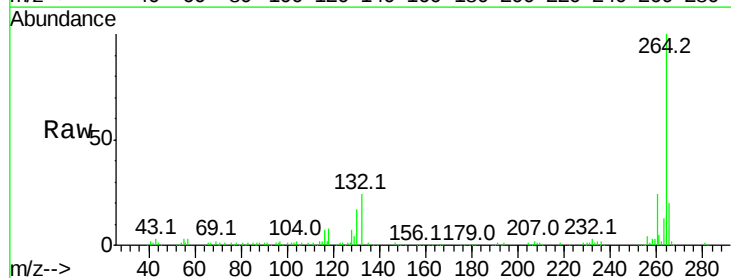
Tgt Ion:264 Resp: 127737

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 20.2 17.2 25.8



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

