

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089902.D
 Acq On : 25 Aug 2016 5:05
 Operator : UM/SJ
 Sample : H4576-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-03

Quant Time: Aug 25 15:45:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	407326	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1691918	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	739501	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1324370	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	938165	20.00	ng	-0.03
86) Perylene-d12	15.31	264	893050	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1405613	59.18	ng	-0.01
7) Phenol-d6	6.30	99	981954	33.68	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1963683	72.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	689484	98.11	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3687012	87.63	ng	-0.01
78) Terphenyl-d14	12.78	244	3040384	73.32	ng	-0.01

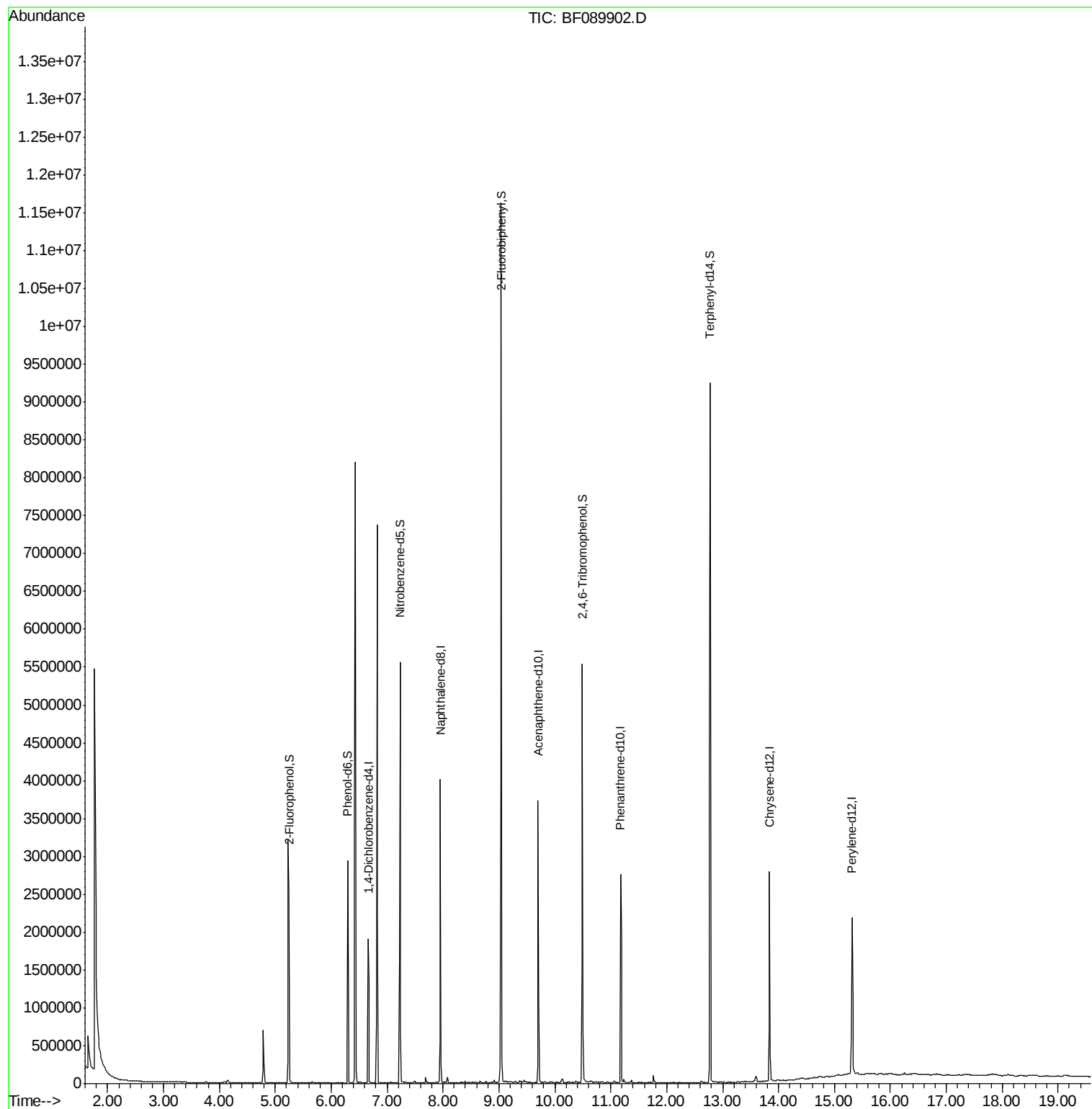
Target Compounds Qvalue

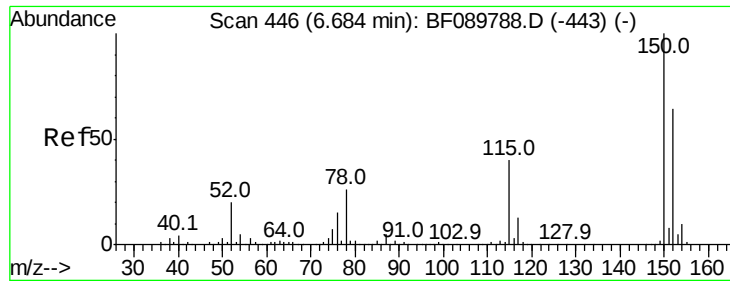
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089902.D
Acq On : 25 Aug 2016 5:05
Operator : UM/SJ
Sample : H4576-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-03

Quant Time: Aug 25 15:45:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EB-03

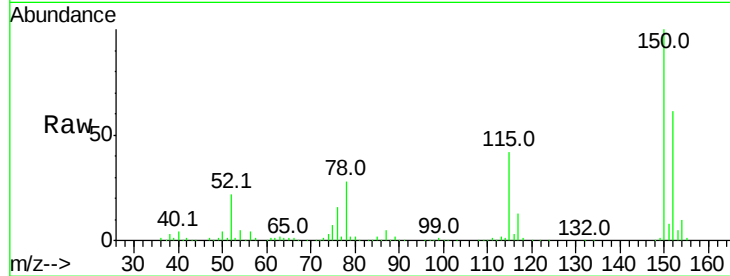
Tot Ion:152 Resp: 407326

Ion Ratio Lower Upper

152 100

150 163.1 125.3 187.9

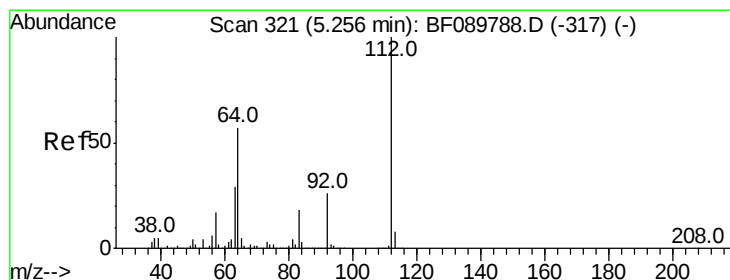
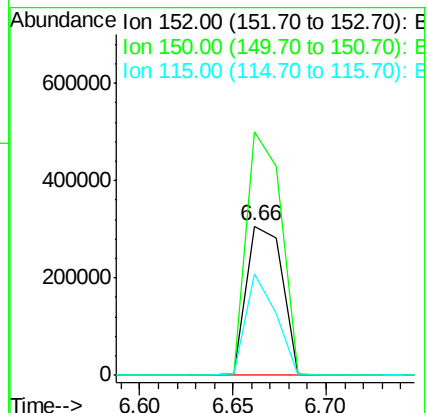
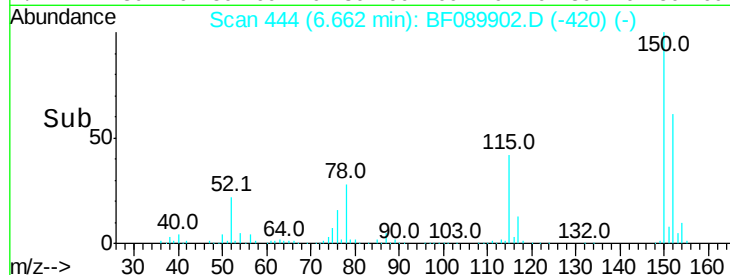
115 68.1 40.9 61.3#



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: 59.18 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

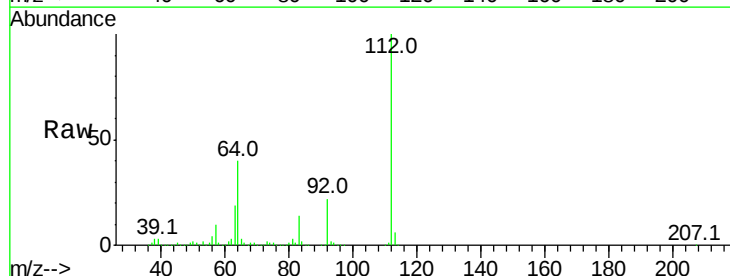
Tgt Ion:112 Resp: 1405613

Ion Ratio Lower Upper

112 100

64 40.2 45.0 67.4#

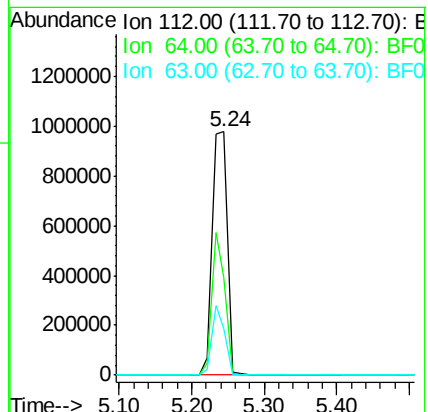
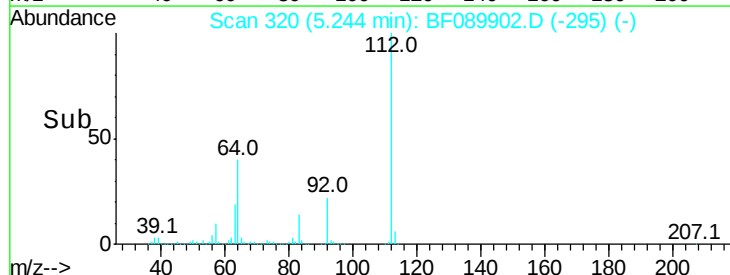
63 19.3 23.1 34.7#

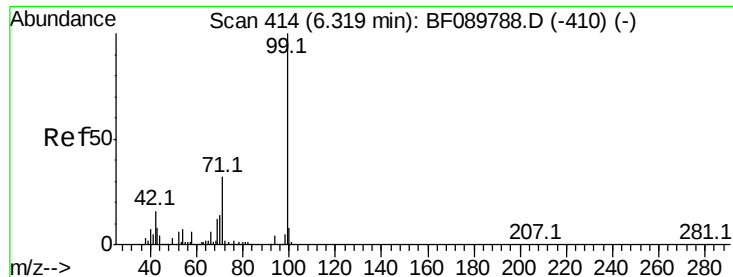


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.68 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EB-03

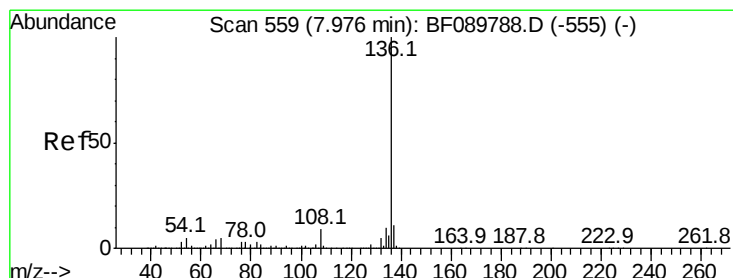
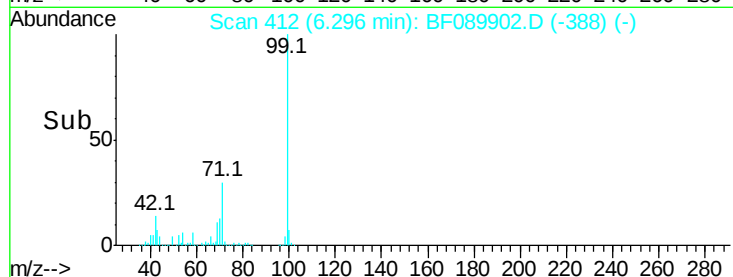
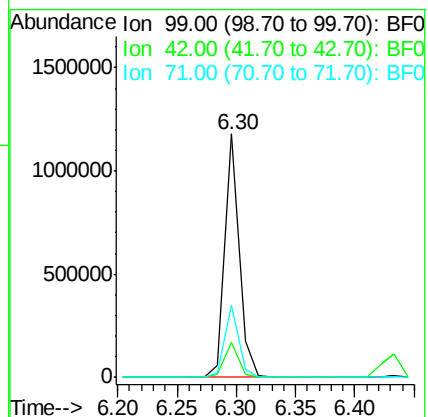
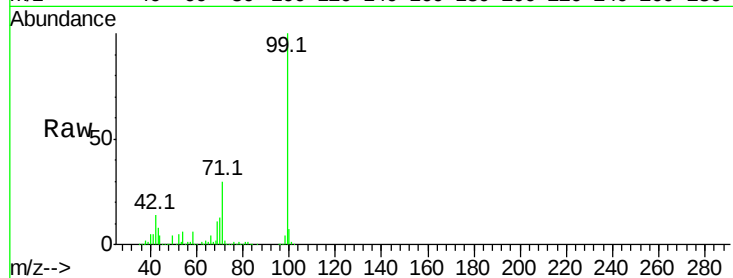
Tot Ion: 99 Resp: 981954

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.4

71 29.7 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Tgt Ion: 136 Resp: 1691918

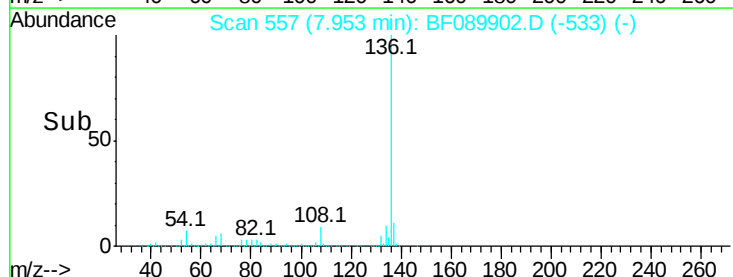
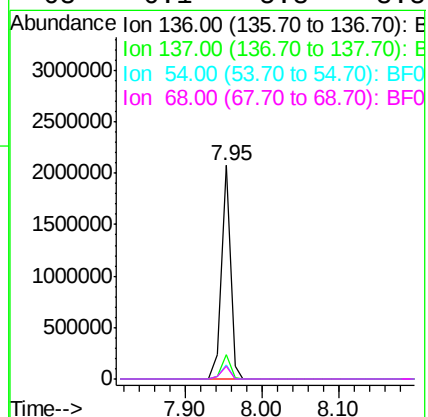
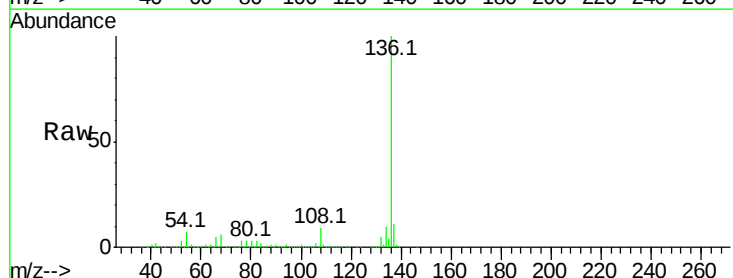
Ion Ratio Lower Upper

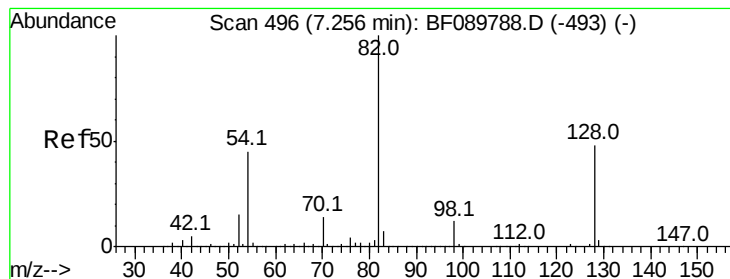
136 100

137 11.5 9.2 13.8

54 6.6 7.2 10.8#

68 6.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 72.10 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EB-03

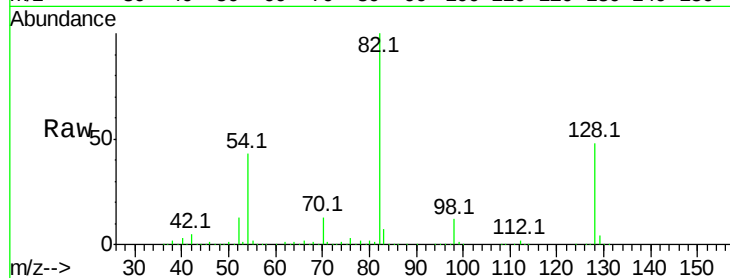
Tot Ion: 82 Resp: 1963683

Ion Ratio Lower Upper

82 100

128 47.7 34.4 51.6

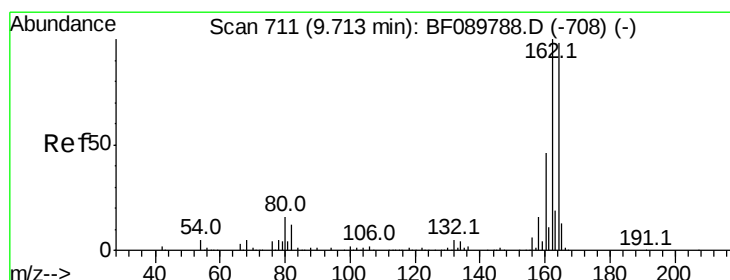
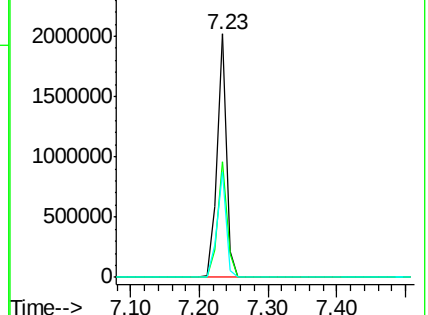
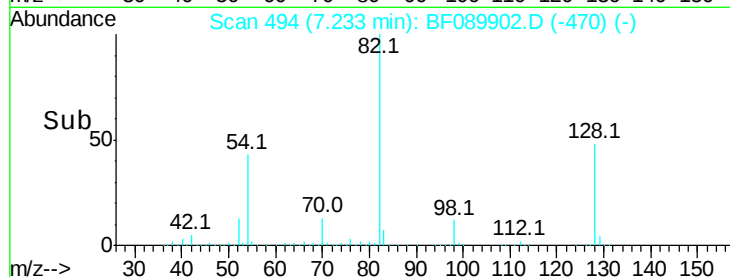
54 43.4 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

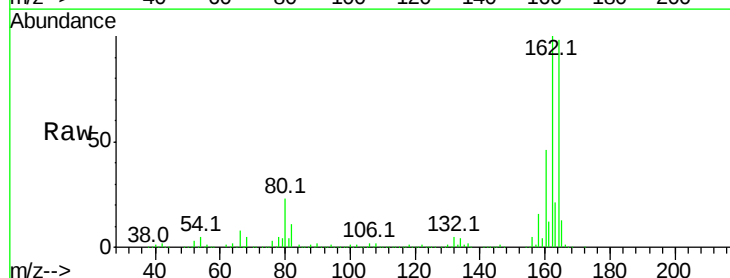
Tgt Ion:164 Resp: 739501

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

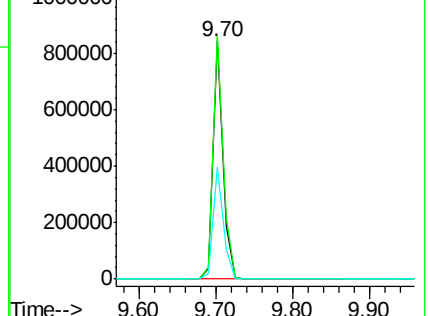
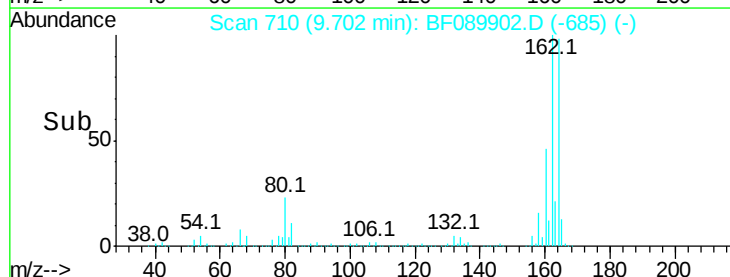
160 47.0 37.8 56.6

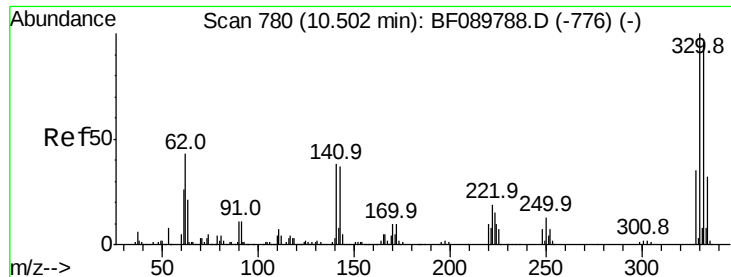


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

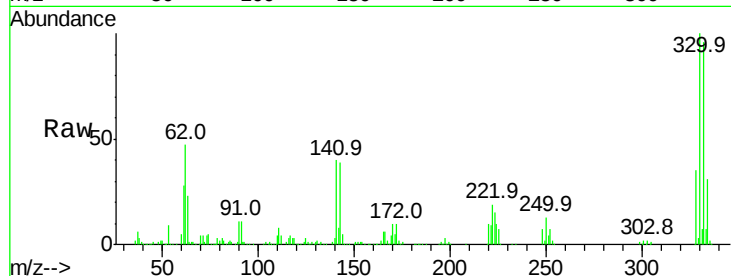




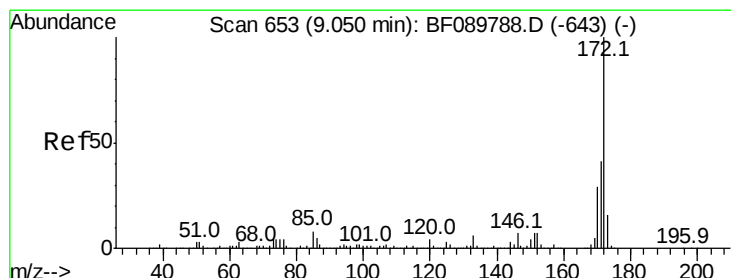
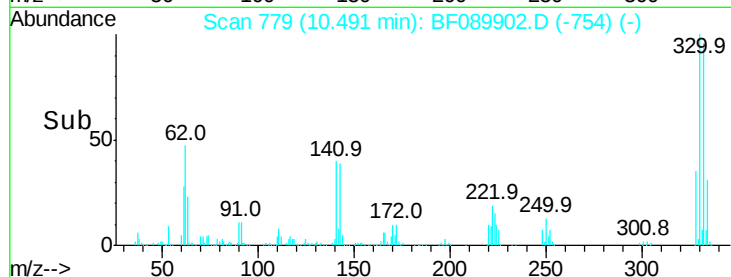
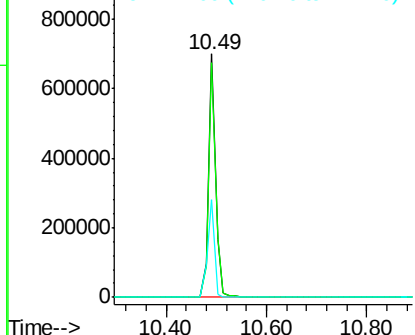
#41
 2,4,6-Tribromophenol
 Concen: 98.11 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

Instrument :
 BNA_F
 ClientSampleId :
 EB-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	39.6	30.2	45.2

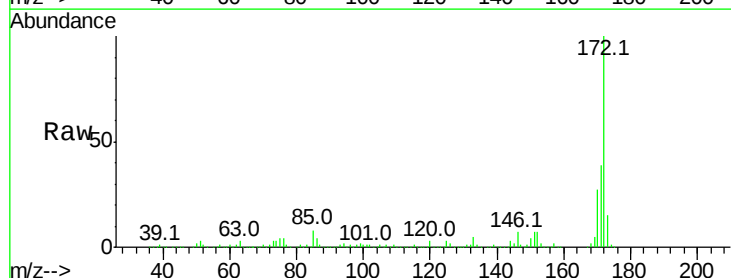


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

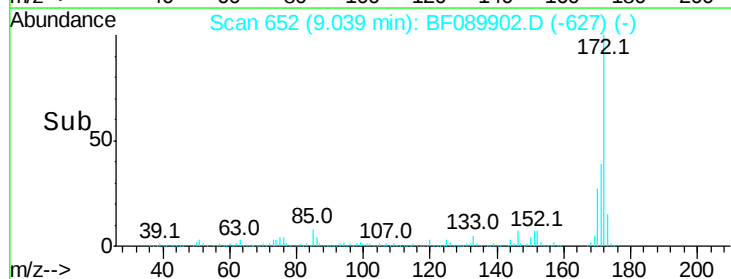
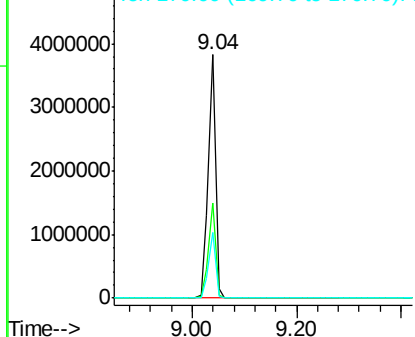


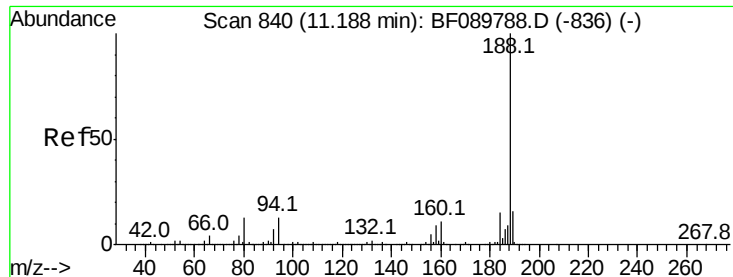
#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.5	45.7
170	26.9	20.6	31.0



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

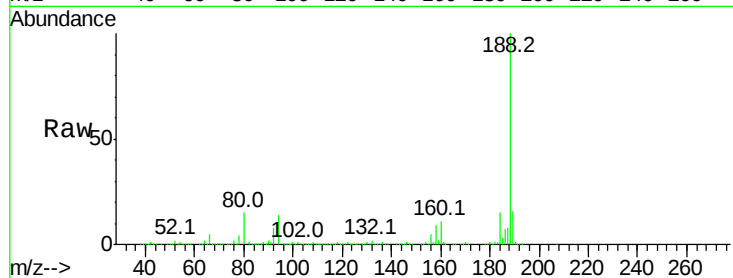




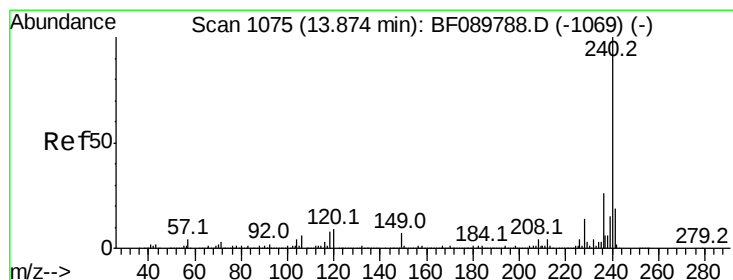
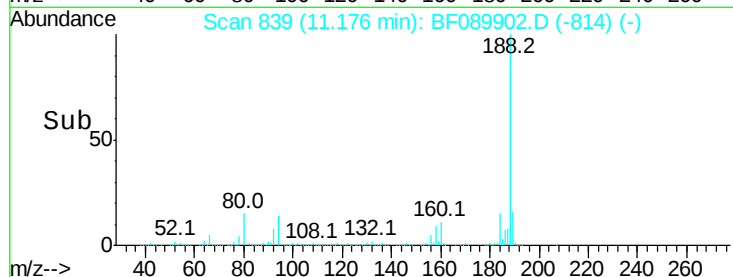
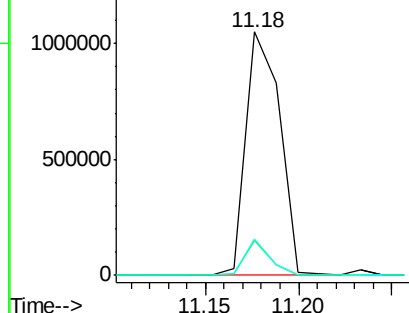
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089902.D
Acq: 25 Aug 2016 5:05

Instrument :
BNA_F
ClientSampled :
EB-03

Tot Ion:188 Resp: 1324370
Ion Ratio Lower Upper
188 100
94 14.3 10.2 15.2
80 15.0 10.9 16.3

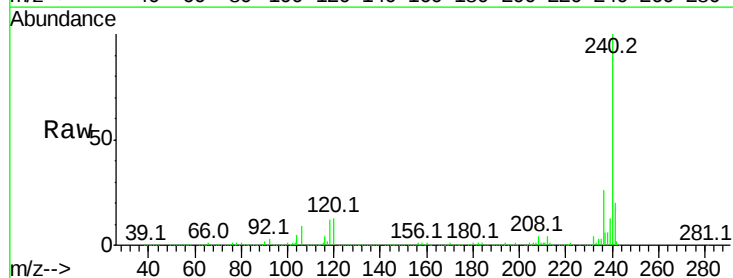


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

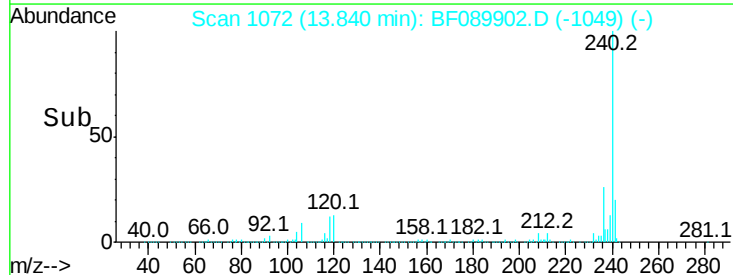
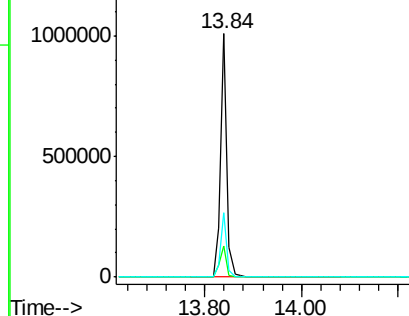


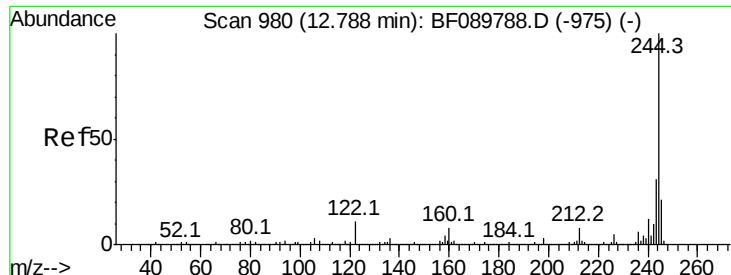
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089902.D
Acq: 25 Aug 2016 5:05

Tgt Ion:240 Resp: 938165
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 26.3 21.3 31.9



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: 73.32 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EB-03

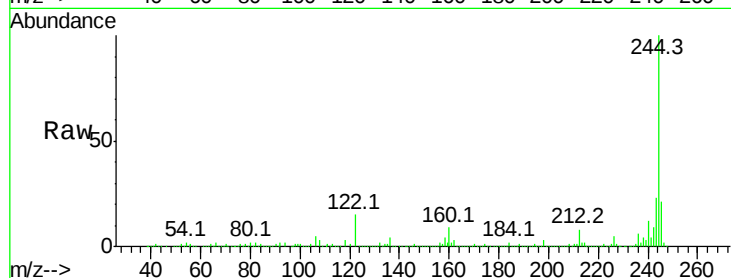
Tot Ion:244 Resp: 3040384

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

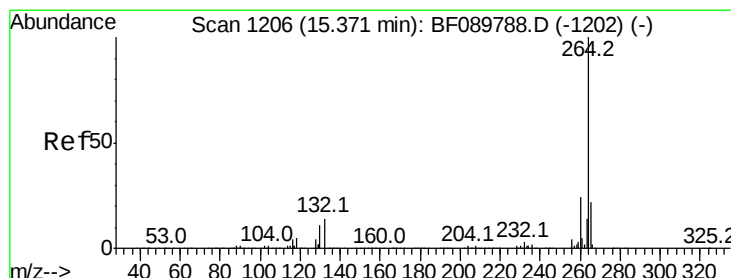
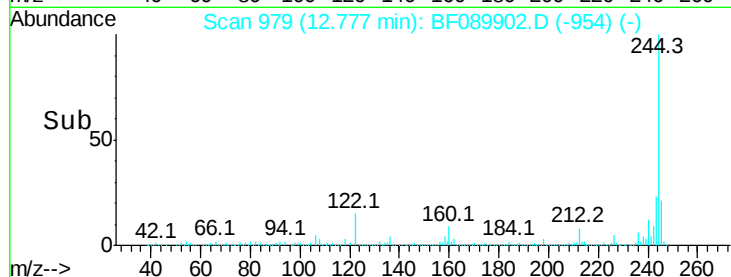
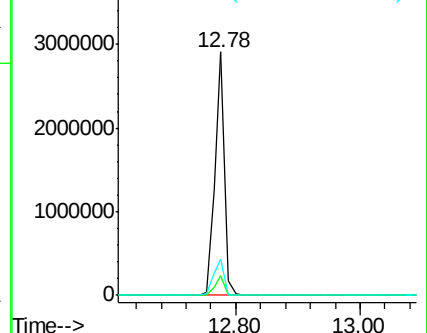
122 14.9 12.0 18.0



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: 20.00 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.06 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

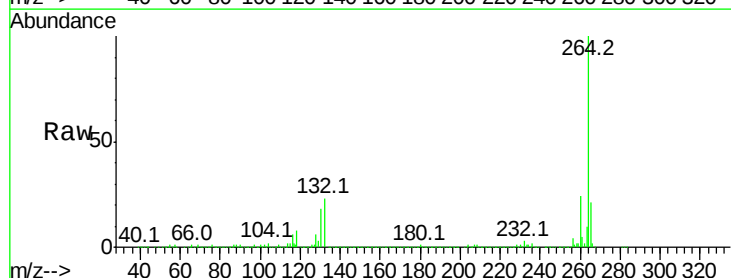
Tgt Ion:264 Resp: 893050

Ion Ratio Lower Upper

264 100

260 23.6 20.2 30.2

265 21.4 17.4 26.2



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

