

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF091994.D
 Acq On : 28 Dec 2016 15:09
 Operator : UM/SJ
 Sample : PB95595TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595TB

Quant Time: Dec 28 15:57:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	281820	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	1080440	20.00	ng	-0.06
38) Acenaphthene-d10	9.74	164	553727	20.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	874578	20.00	ng	-0.05
75) Chrysene-d12	13.86	240	770365	20.00	ng	-0.05
86) Perylene-d12	15.24	264	538605	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1859929	110.20	ng	-0.01
7) Phenol-d6	6.37	99	2542465	123.38	ng	-0.03
23) Nitrobenzene-d5	7.28	82	1665264	85.70	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	538869	117.59	ng	-0.05
44) 2-Fluorobiphenyl	9.07	172	2264910	83.59	ng	-0.05
78) Terphenyl-d14	12.82	244	2289703	72.08	ng	-0.03

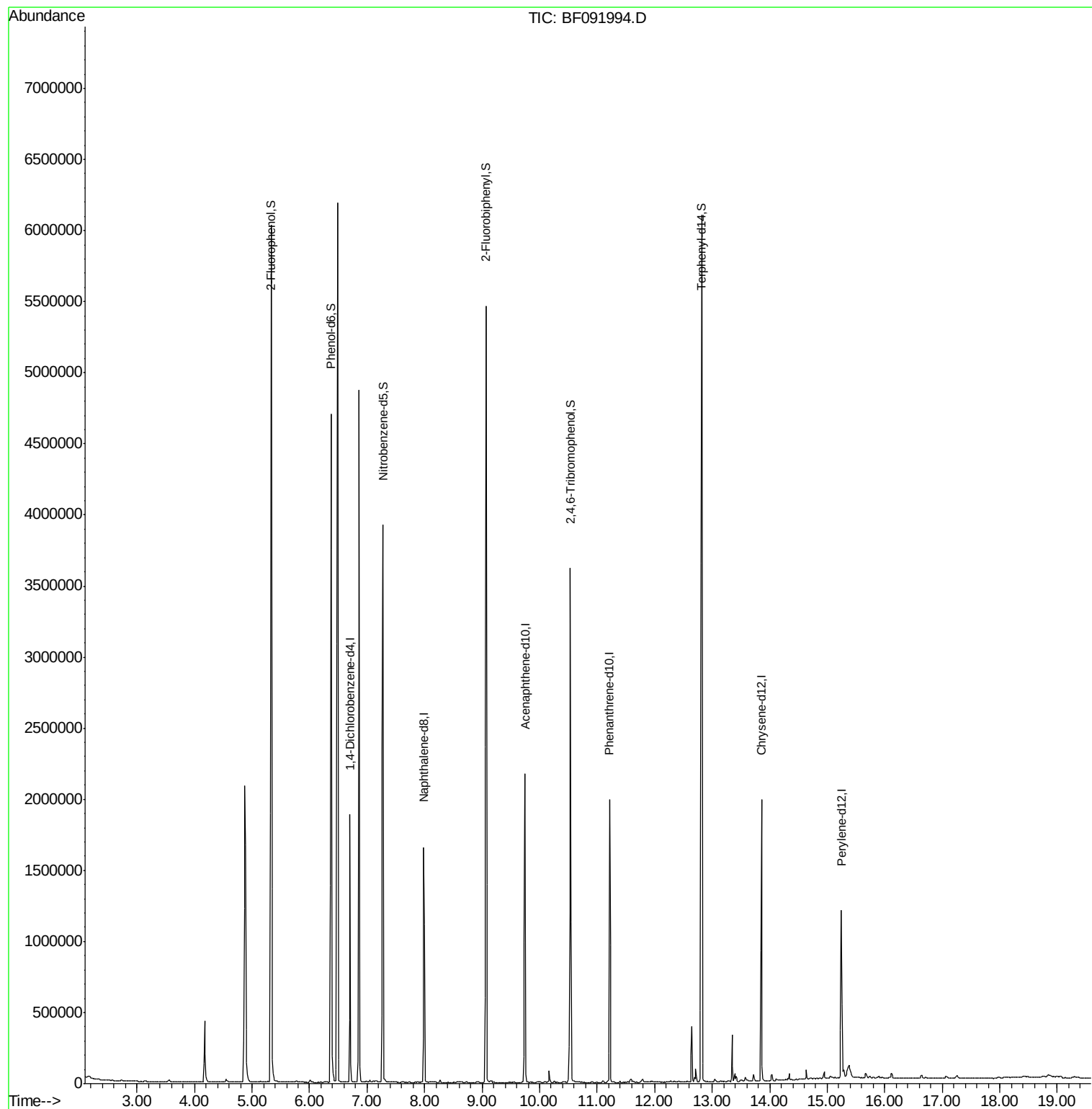
Target Compounds Qvalue

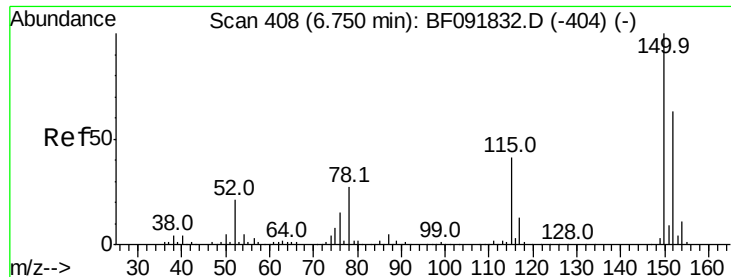
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF091994.D
Acq On : 28 Dec 2016 15:09
Operator : UM/SJ
Sample : PB95595TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95595TB

Quant Time: Dec 28 15:57:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF091994.D

Acq: 28 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB95595TB

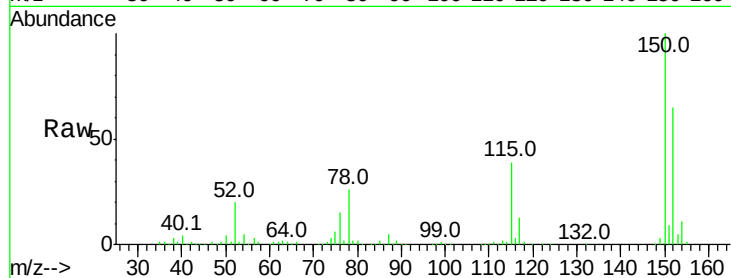
Tot Ion:152 Resp: 281820

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

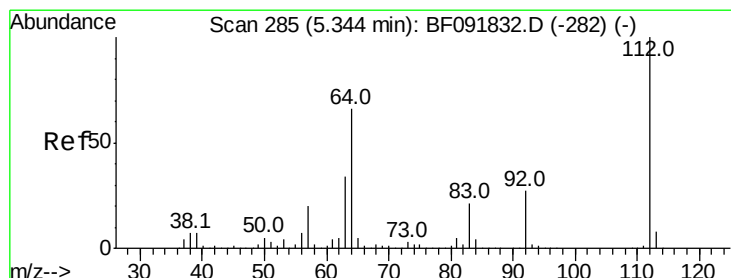
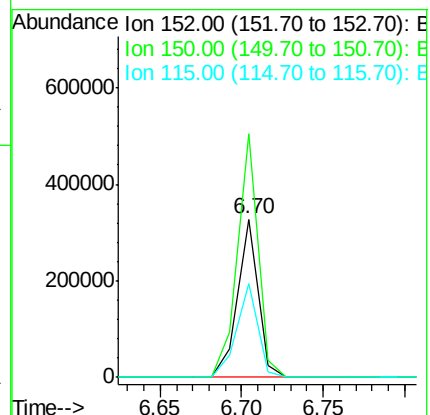
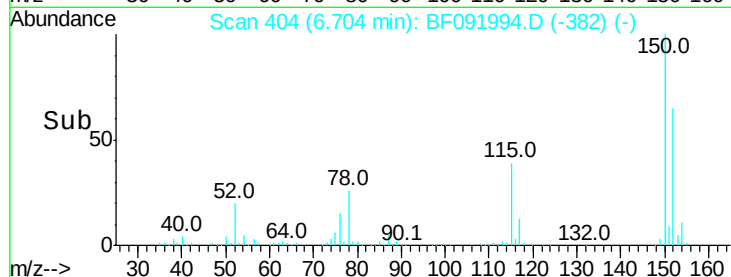
115 59.5 46.0 69.0



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: 110.20 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.01 min

Lab File: BF091994.D

Acq: 28 Dec 2016 15:09

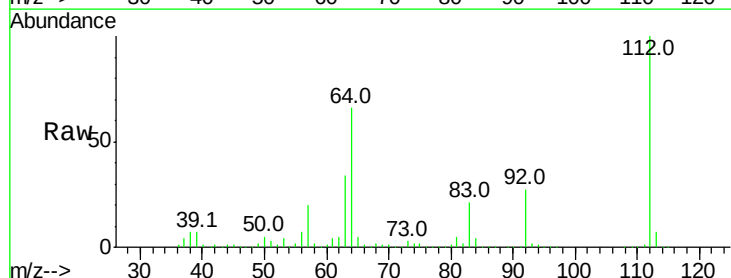
Tgt Ion:112 Resp: 1859929

Ion Ratio Lower Upper

112 100

64 65.6 46.1 69.1

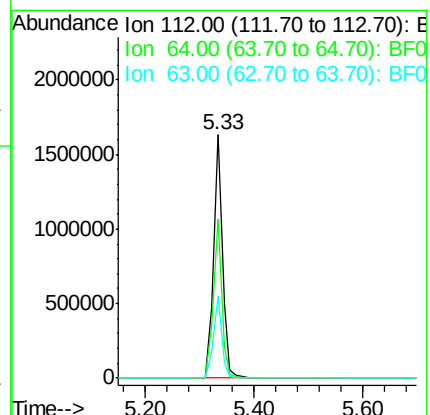
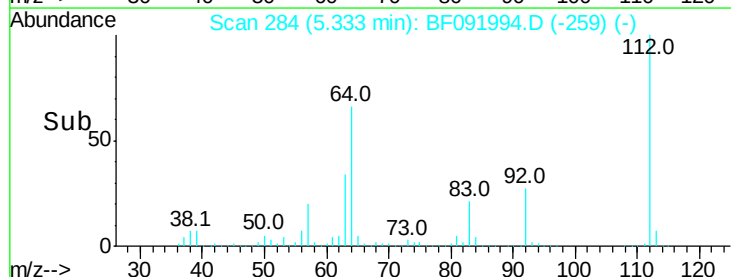
63 33.9 23.8 35.6

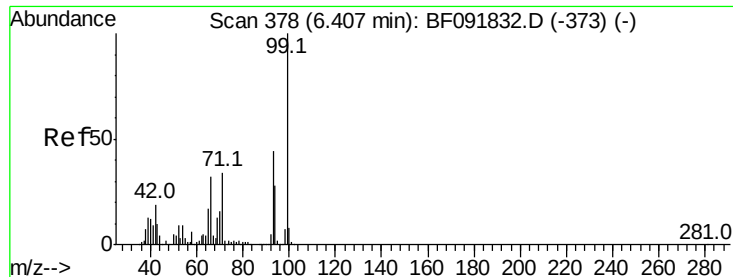


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.38 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF091994.D

Acq: 28 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB95595TB

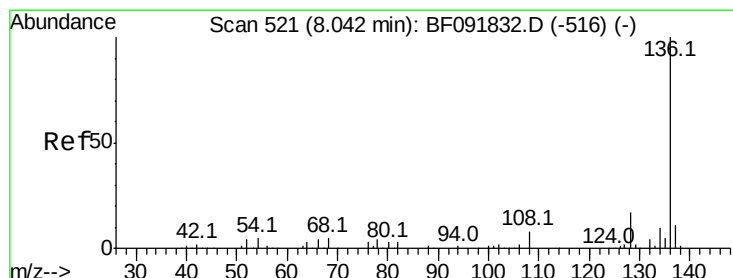
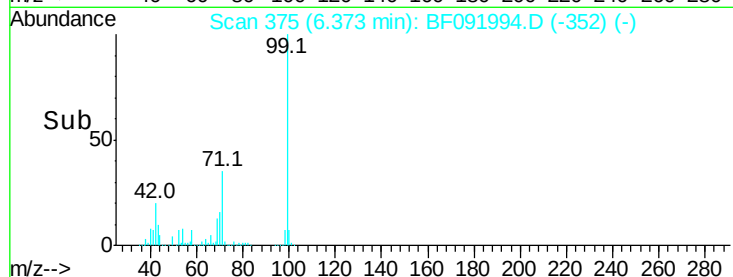
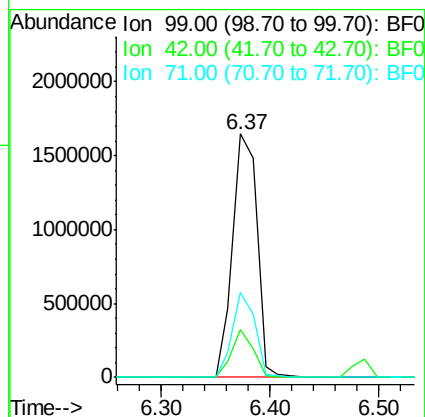
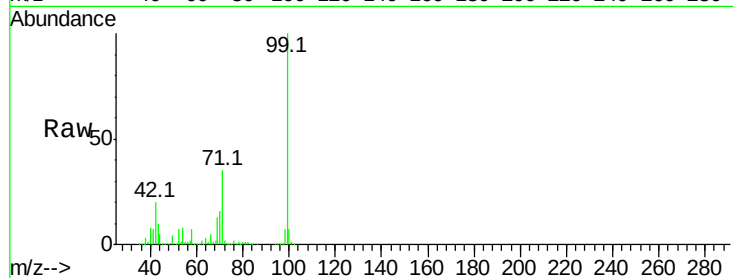
Tot Ion: 99 Resp: 2542465

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 35.0 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF091994.D

Acq: 28 Dec 2016 15:09

Tgt Ion: 136 Resp: 1080440

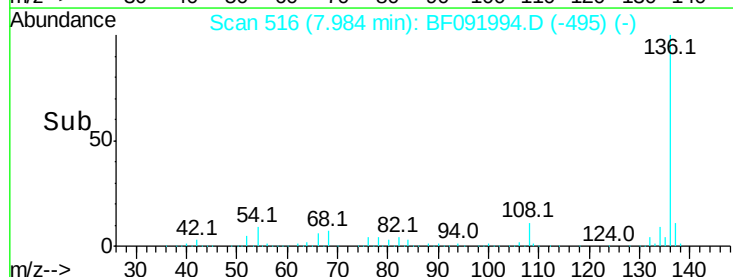
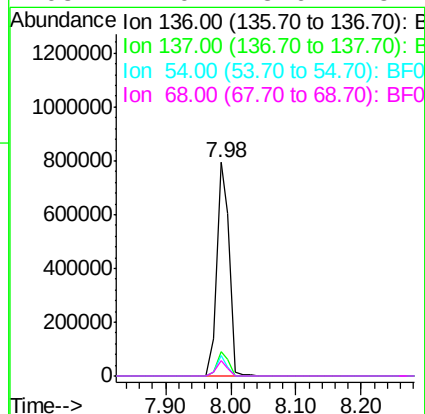
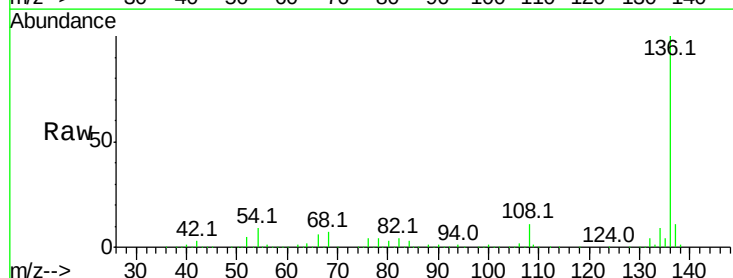
Ion Ratio Lower Upper

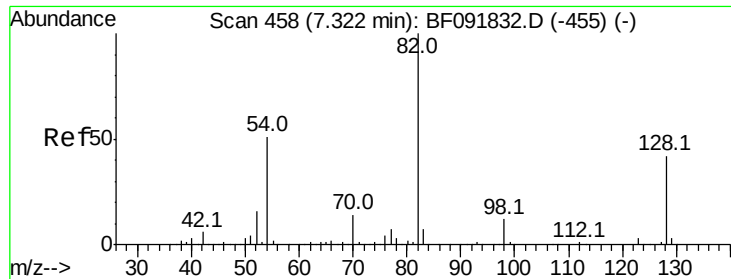
136 100

137 11.4 8.4 12.6

54 9.3 4.5 6.7#

68 7.0 3.6 5.4#



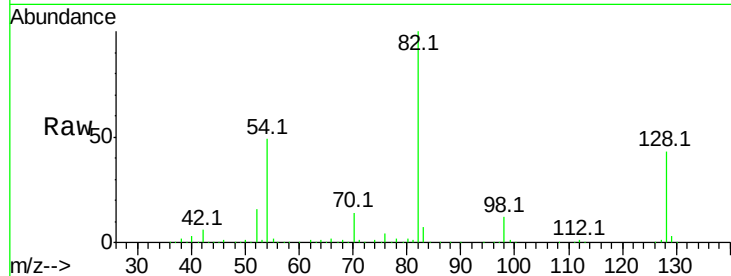


#23
 Nitrobenzene-d5
 Concen: 85.70 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.05 min
 Lab File: BF091994.D
 Acq: 28 Dec 2016 15:09

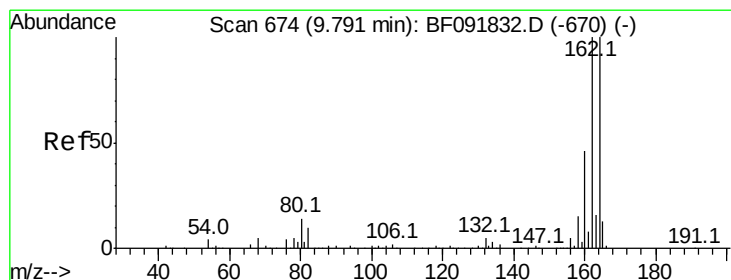
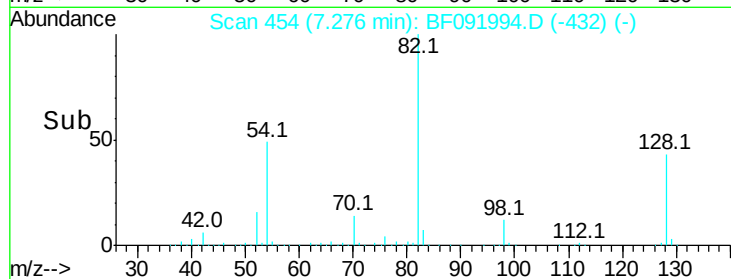
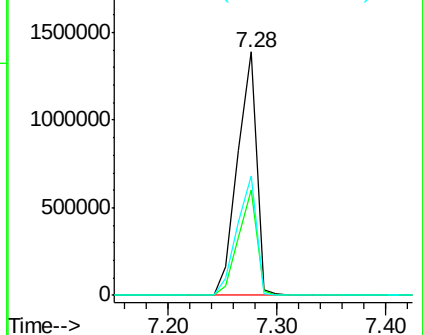
Instrument :
 BNA_F
 ClientSampleId :
 PB95595TB

Tot Ion: 82 Resp: 1665264

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	49.0	39.5	59.3



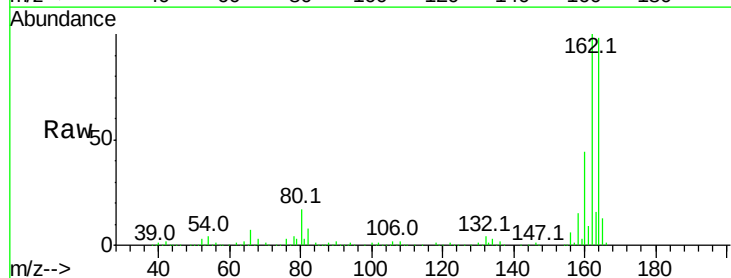
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



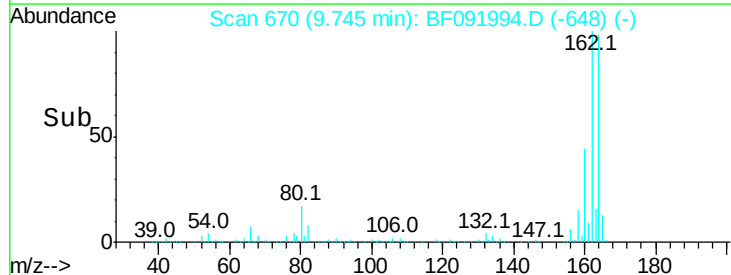
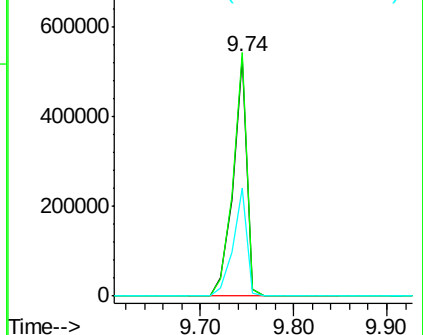
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.05 min
 Lab File: BF091994.D
 Acq: 28 Dec 2016 15:09

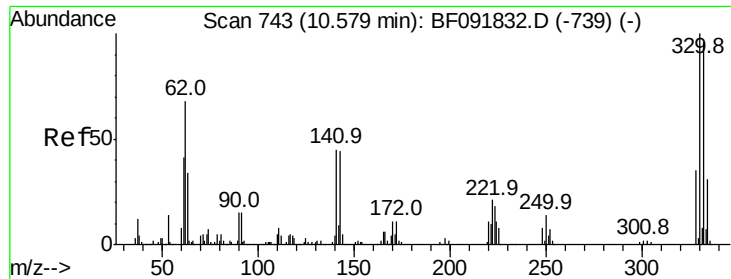
Tgt Ion:164 Resp: 553727

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	45.3	36.9	55.3



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

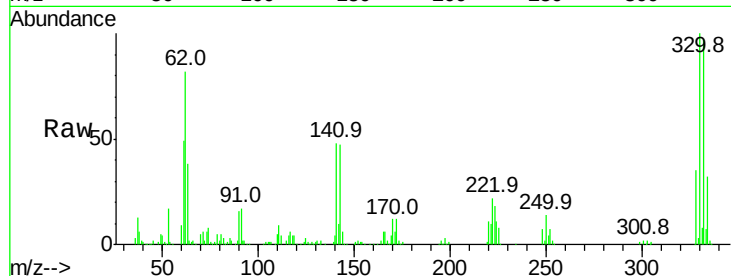




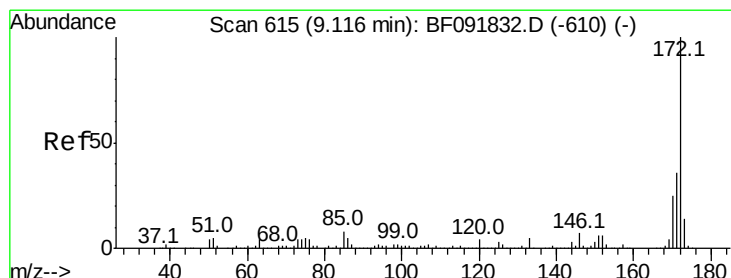
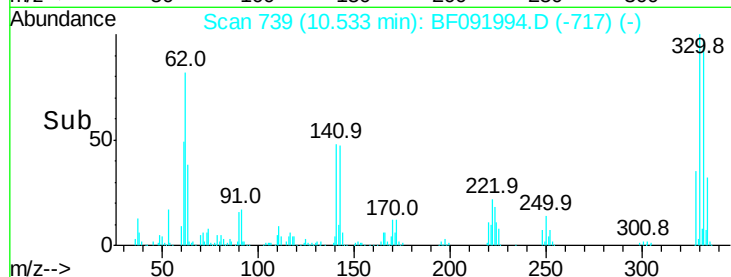
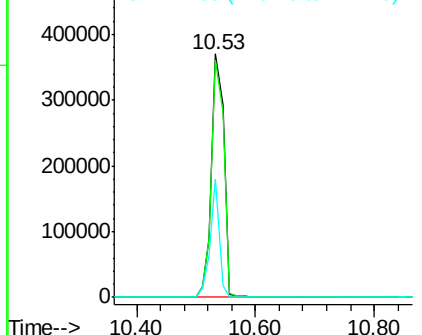
#41
 2,4,6-Tribromophenol
 Concen: 117.59 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.05 min
 Lab File: BF091994.D
 Acq: 28 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleID :
 PB95595TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	35.6	34.1	51.1

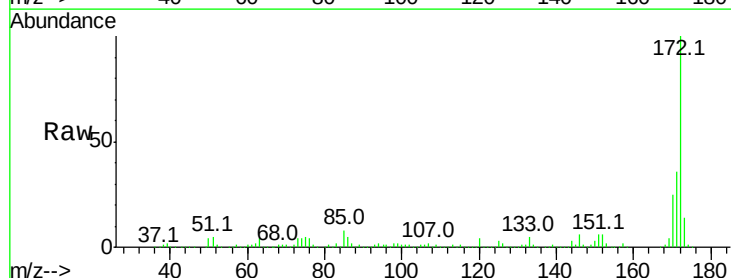


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

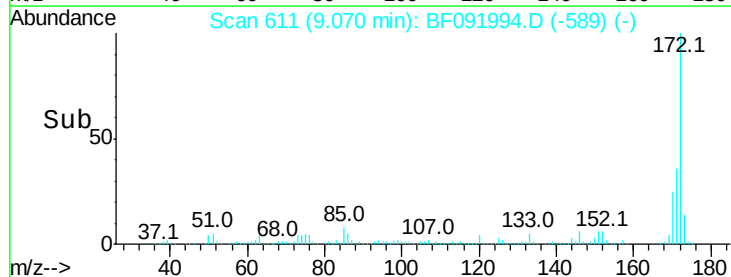
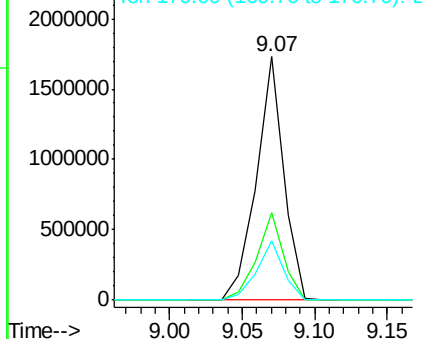


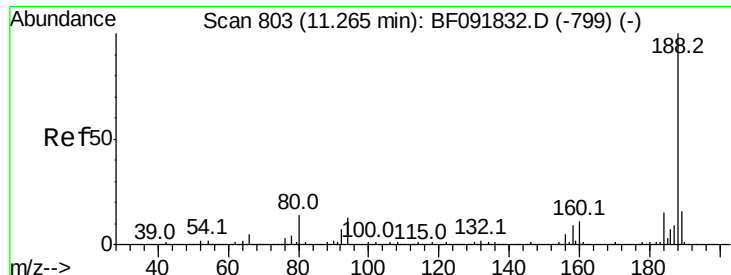
#44
 2-Fluorobiphenyl
 Concen: 83.59 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF091994.D
 Acq: 28 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.5	20.2	30.4



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

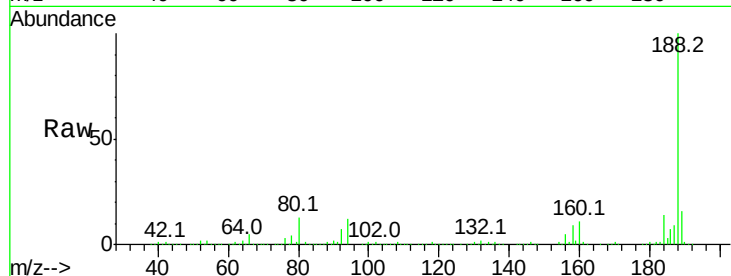




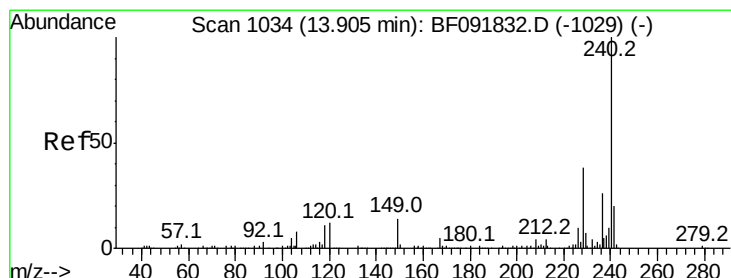
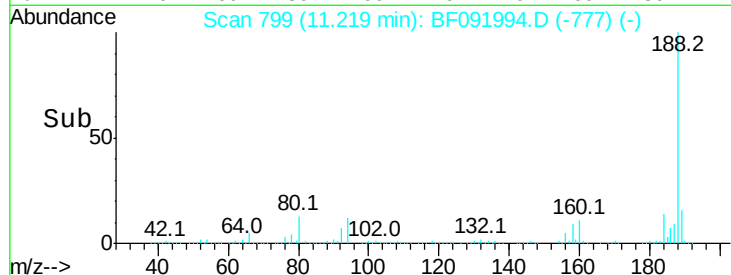
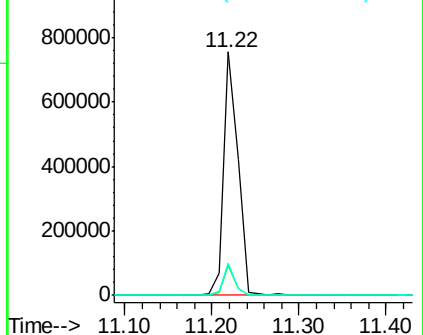
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF091994.D
Acq: 28 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB95595TB

Tot Ion:188 Resp: 874578
Ion Ratio Lower Upper
188 100
94 12.2 10.0 15.0
80 13.4 11.2 16.8

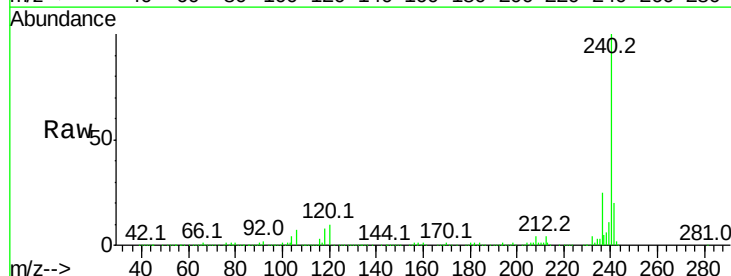


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

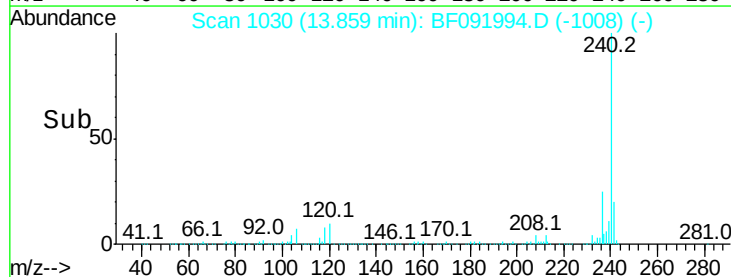
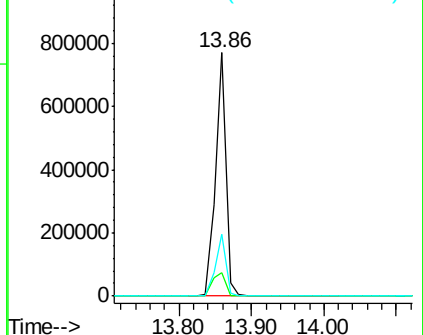


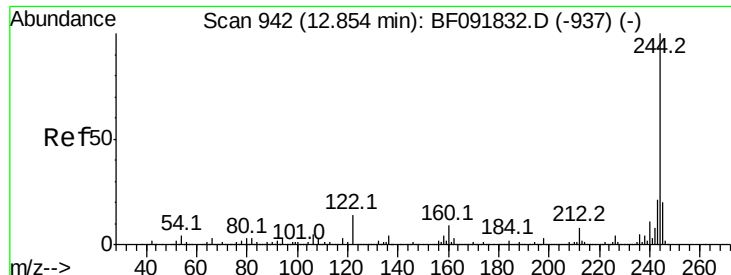
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF091994.D
Acq: 28 Dec 2016 15:09

Tgt Ion:240 Resp: 770365
Ion Ratio Lower Upper
240 100
120 9.6 12.9 19.3#
236 25.4 20.9 31.3



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: 72.08 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF091994.D

Acq: 28 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB95595TB

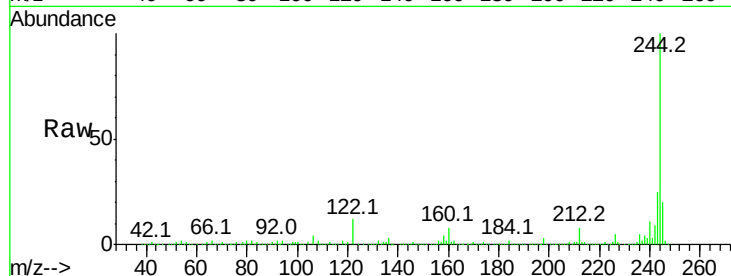
Tot Ion:244 Resp: 2289703

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

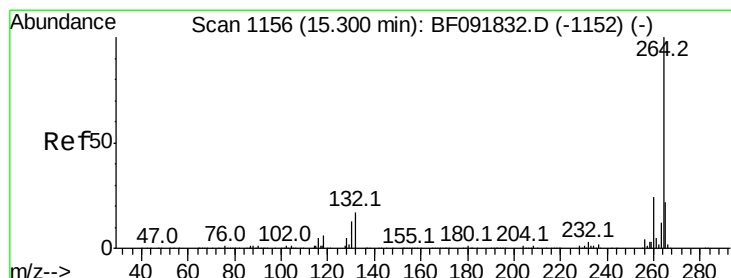
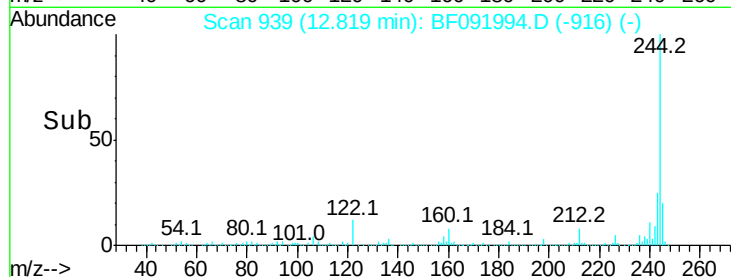
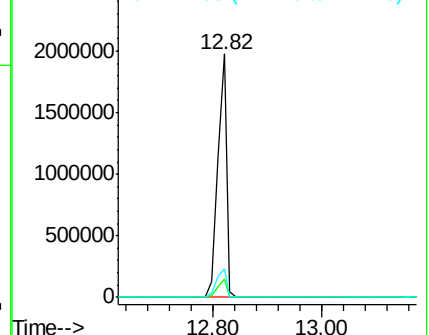
122 11.8 11.4 17.2



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: 15.24 min Scan# 1151

Delta R.T. -0.06 min

Lab File: BF091994.D

Acq: 28 Dec 2016 15:09

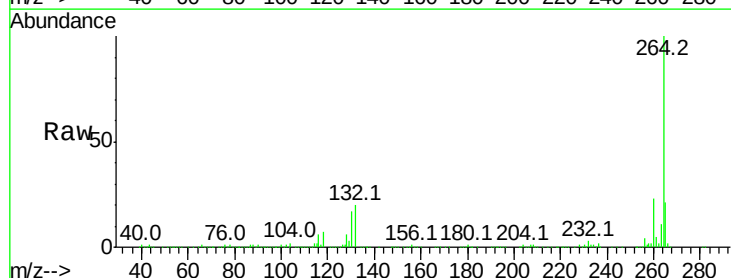
Tgt Ion:264 Resp: 538605

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 17.4 26.0



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

