

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091945.D
 Acq On : 24 Dec 2016 2:25
 Operator : UM/SJ
 Sample : PB95595TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595TB

Quant Time: Dec 24 03:34:17 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	6.74	152	228335	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	907549	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	463889	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	662272	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	440626	20.00	ng	-0.02
86) Perylene-d12	15.29	264	423246	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1633937	119.48	ng	0.05
7) Phenol-d6	6.43	99	2154131	129.02	ng	0.02
23) Nitrobenzene-d5	7.31	82	1383423	84.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	365654	95.25	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2030931	90.54	ng	-0.01
78) Terphenyl-d14	12.84	244	1415689	77.92	ng	-0.01

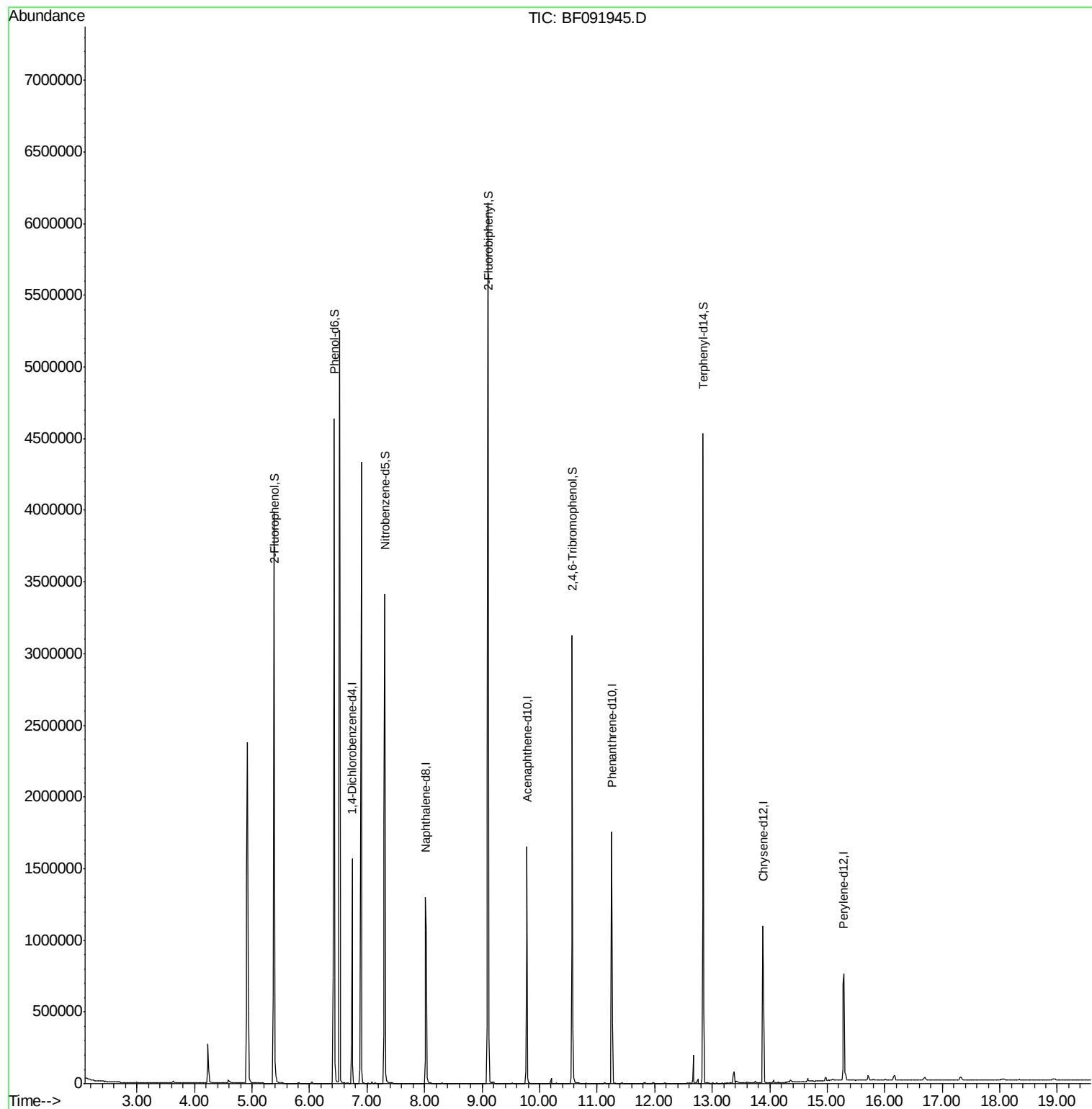
Target Compounds Qvalue

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

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QLast Update : Wed Dec 21 16:17:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091945.D

Acq: 24 Dec 2016 2:25

Instrument :

BNA_F

ClientSampled :

PB95595TB

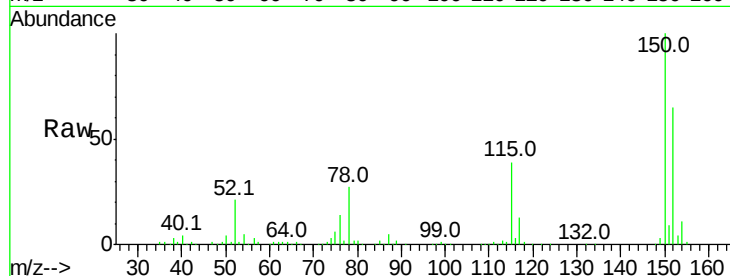
Tot Ion:152 Resp: 228335

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

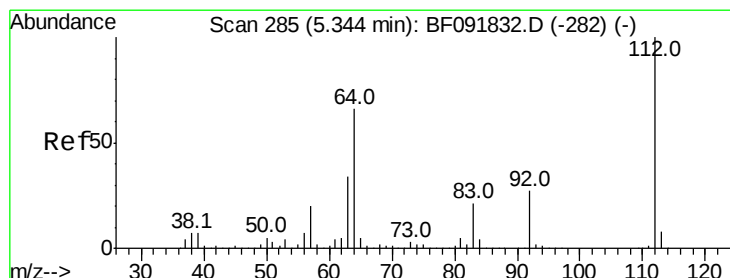
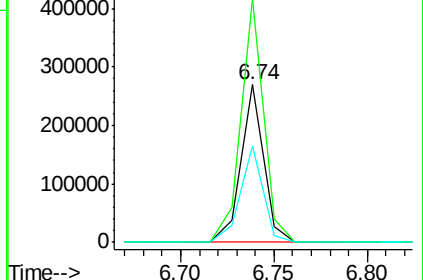
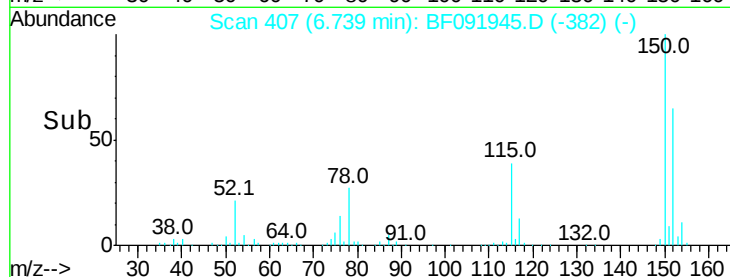
115 61.1 46.0 69.0



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: 119.48 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091945.D

Acq: 24 Dec 2016 2:25

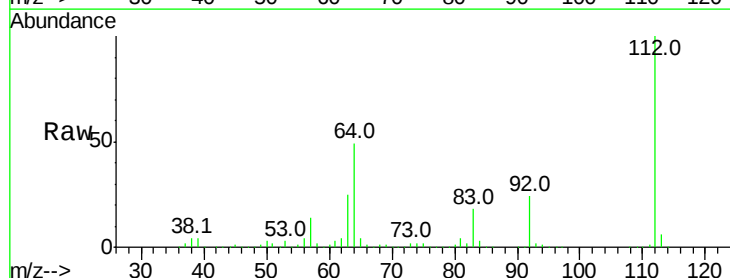
Tgt Ion:112 Resp: 1633937

Ion Ratio Lower Upper

112 100

64 49.1 46.1 69.1

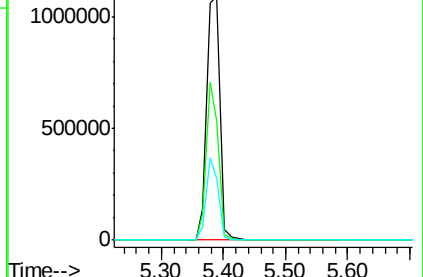
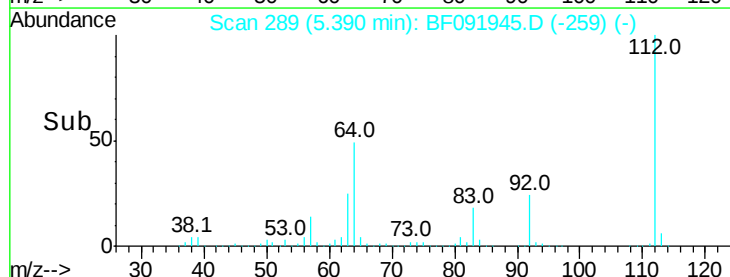
63 25.4 23.8 35.6



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: 129.02 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091945.D

Acq: 24 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

PB95595TB

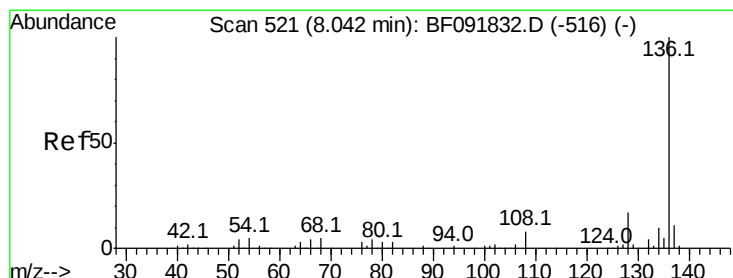
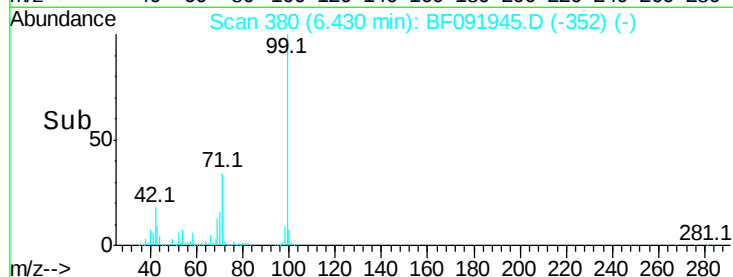
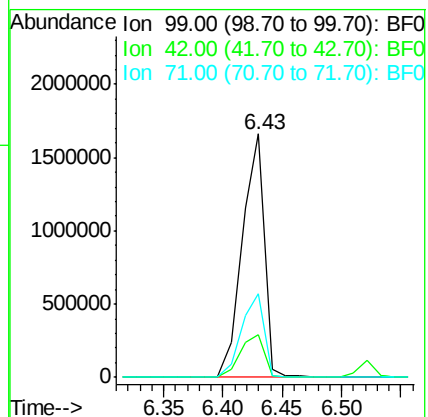
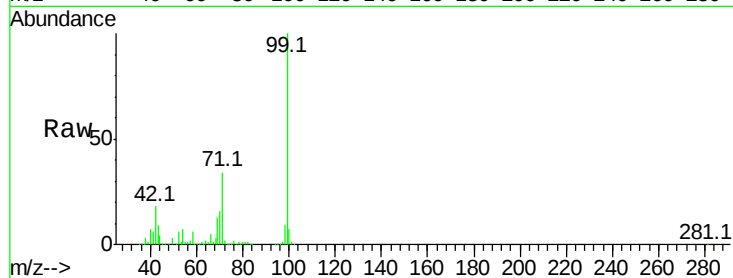
Tot Ion: 99 Resp: 2154131

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

71 34.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091945.D

Acq: 24 Dec 2016 2:25

Tgt Ion: 136 Resp: 907549

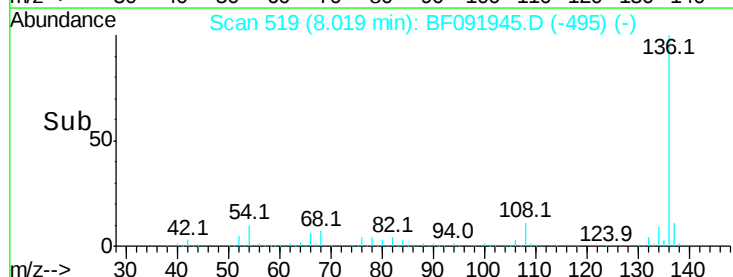
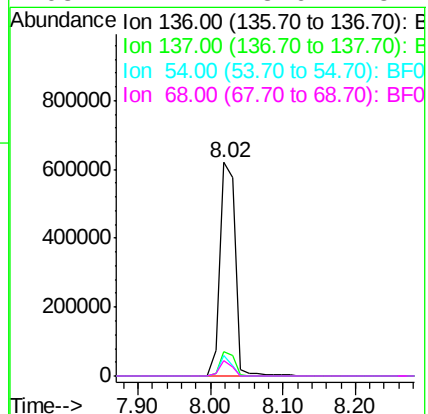
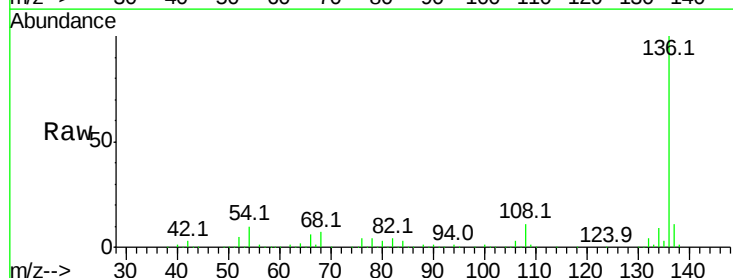
Ion Ratio Lower Upper

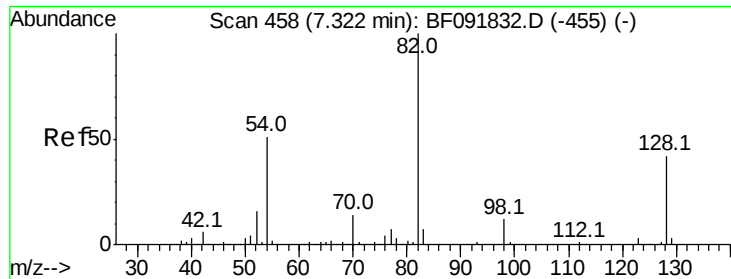
136 100

137 11.2 8.4 12.6

54 9.8 4.5 6.7#

68 7.2 3.6 5.4#



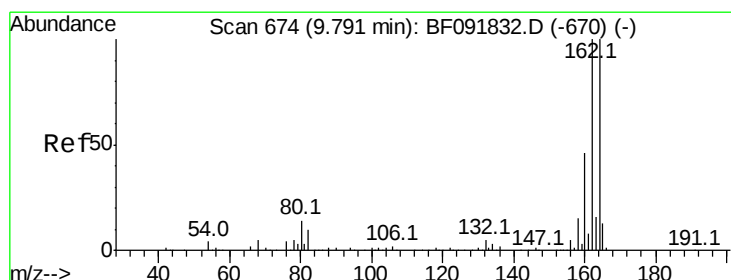
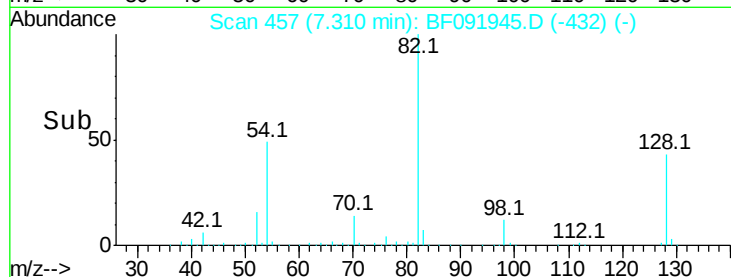
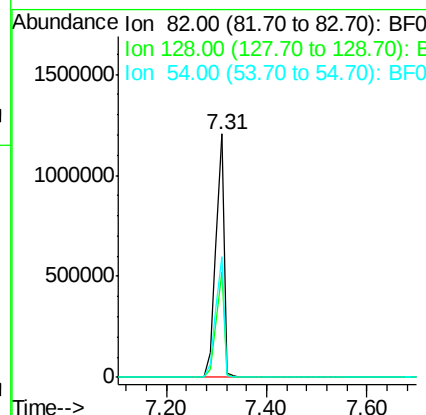
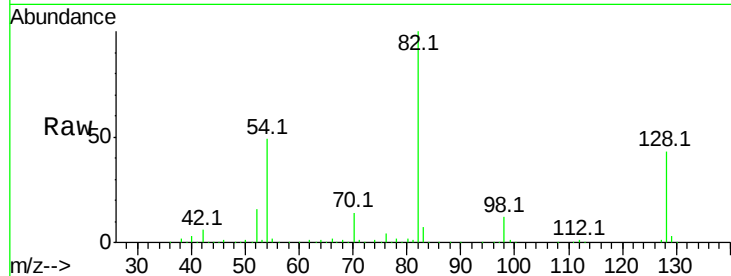


#23
 Nitrobenzene-d5
 Concen: 84.76 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091945.D
 Acq: 24 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95595TB

Tot Ion: 82 Resp: 1383423

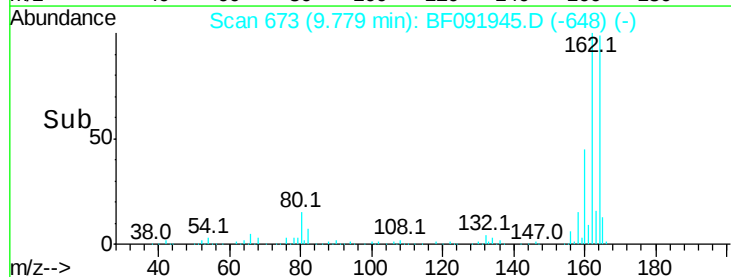
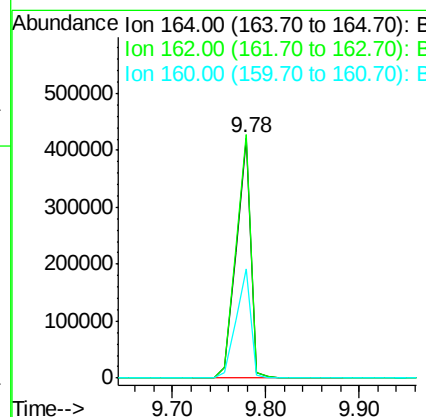
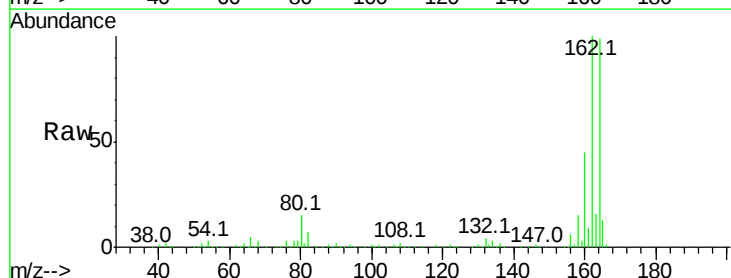
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	49.4	39.5	59.3

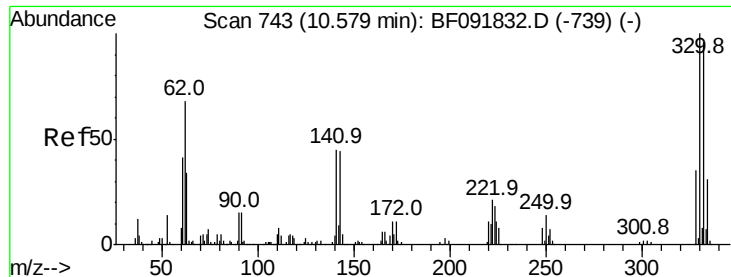


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091945.D
 Acq: 24 Dec 2016 2:25

Tgt Ion:164 Resp: 463889

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.4	36.9	55.3

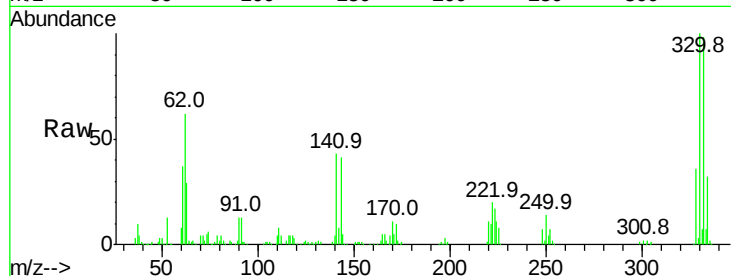




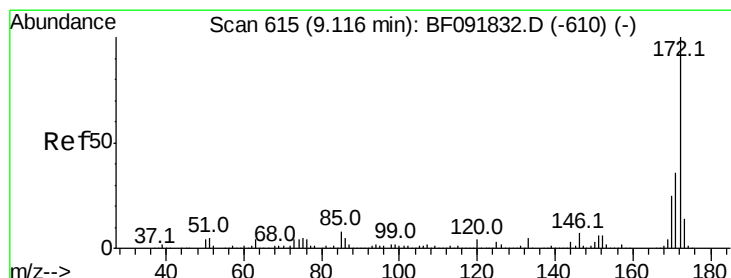
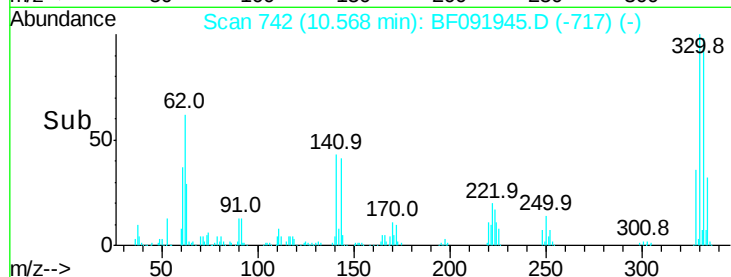
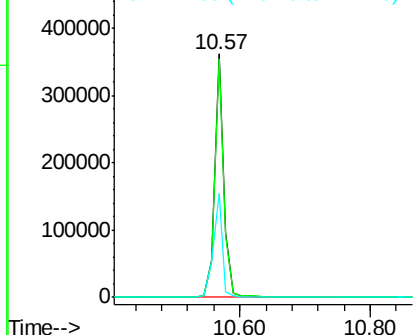
#41
 2,4,6-Tribromophenol
 Concen: 95.25 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091945.D
 Acq: 24 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleID :
 PB95595TB

Tot Ion:330 Resp: 365654
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 41.6 34.1 51.1

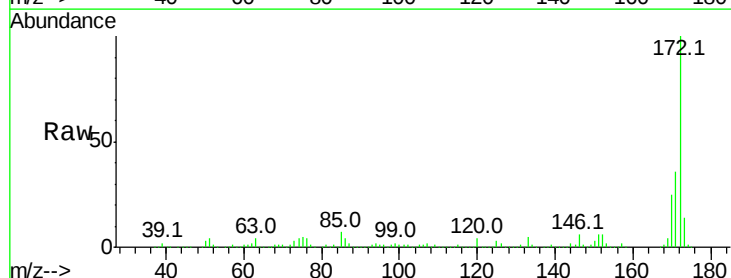


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

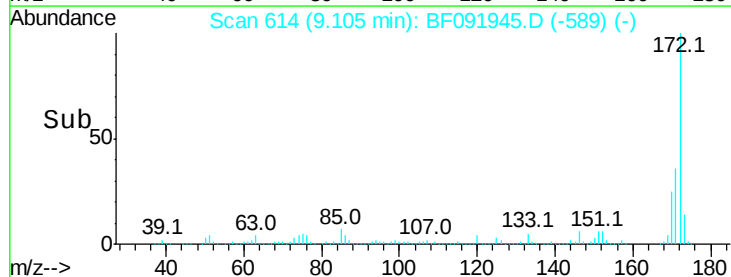
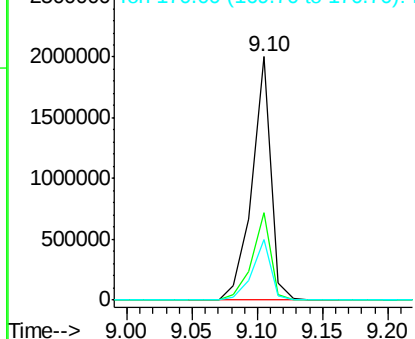


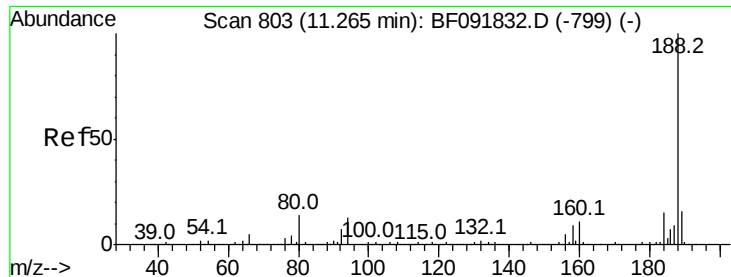
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091945.D
 Acq: 24 Dec 2016 2:25

Tgt Ion:172 Resp: 2030931
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.8 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

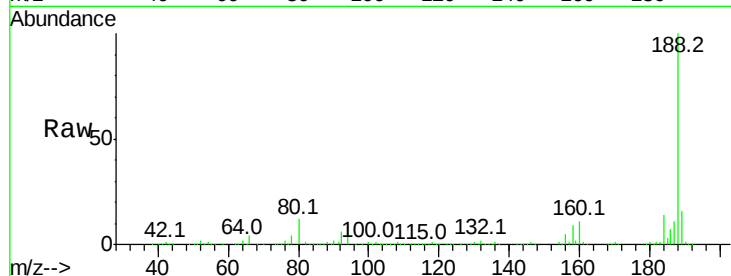




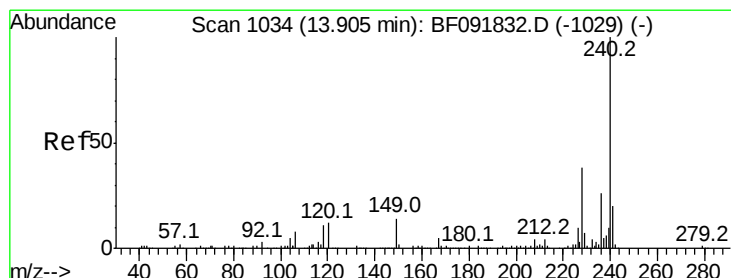
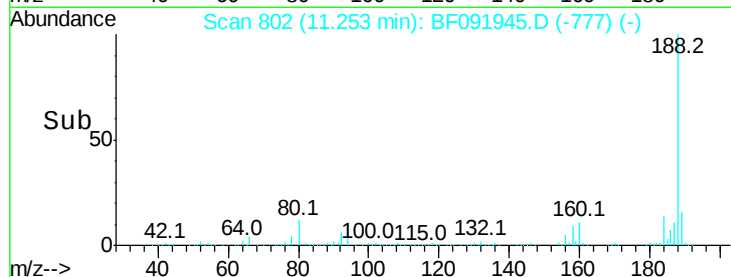
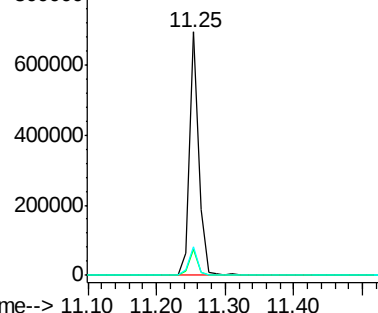
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091945.D
Acq: 24 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
PB95595TB

Tot Ion:188 Resp: 662272
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.7 11.2 16.8

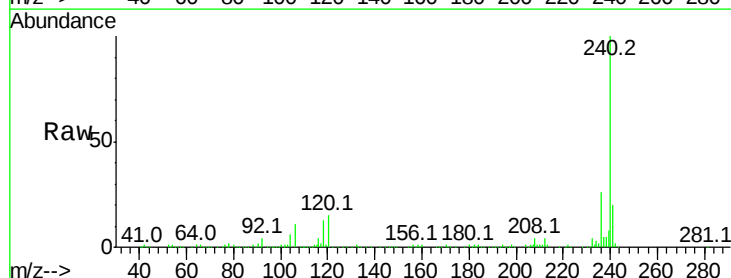


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

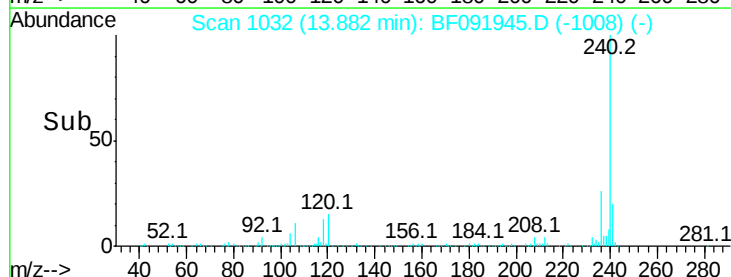
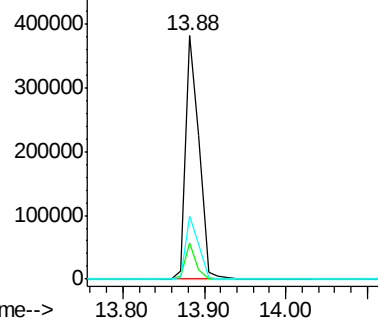


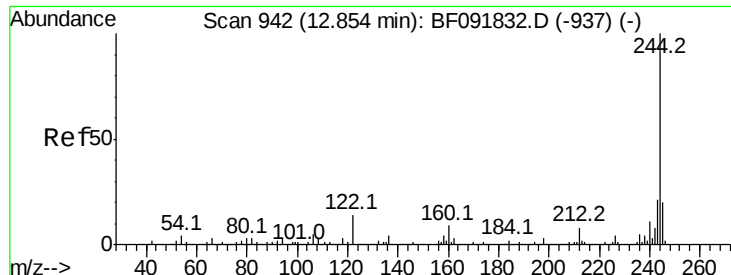
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091945.D
Acq: 24 Dec 2016 2:25

Tgt Ion:240 Resp: 440626
Ion Ratio Lower Upper
240 100
120 15.1 12.9 19.3
236 25.9 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: 77.92 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091945.D

Acq: 24 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

PB95595TB

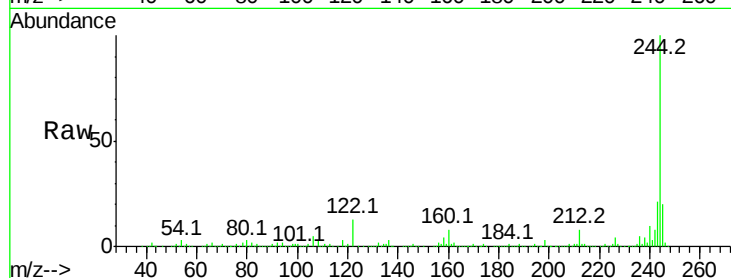
Tot Ion:244 Resp: 1415689

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

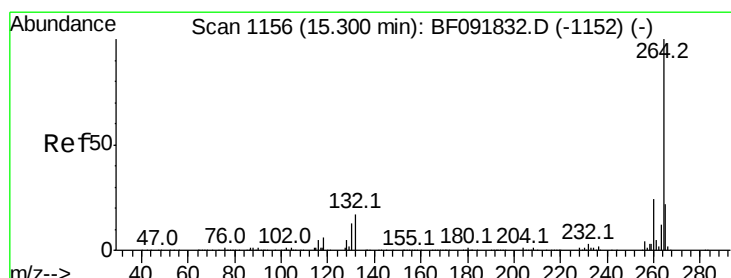
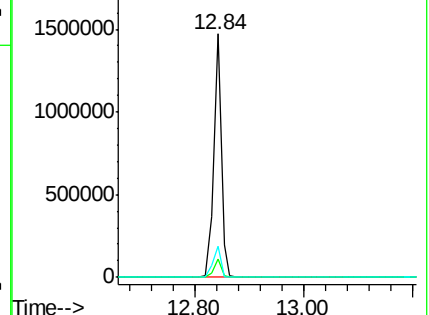
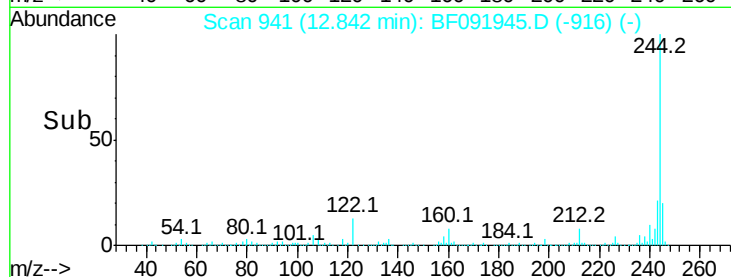
122 12.9 11.4 17.2



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091945.D

Acq: 24 Dec 2016 2:25

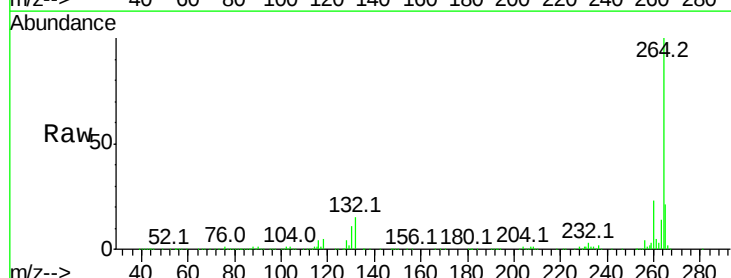
Tgt Ion:264 Resp: 423246

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 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

