

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091894.D
 Acq On : 22 Dec 2016 18:59
 Operator : UM/SJ
 Sample : PB95563BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BL

Quant Time: Dec 23 03:56:24 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	6.75	152	180851	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	706501	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	362429	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	493534	20.00	ng	0.00
75) Chrysene-d12	13.91	240	353902	20.00	ng	0.00
86) Perylene-d12	15.30	264	302165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1402882	129.52	ng	0.07
7) Phenol-d6	6.45	99	1613369	122.00	ng	0.05
23) Nitrobenzene-d5	7.32	82	1117133	87.93	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	251734	83.93	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1866624	109.20	ng	0.00
78) Terphenyl-d14	12.85	244	1250073	85.67	ng	0.00

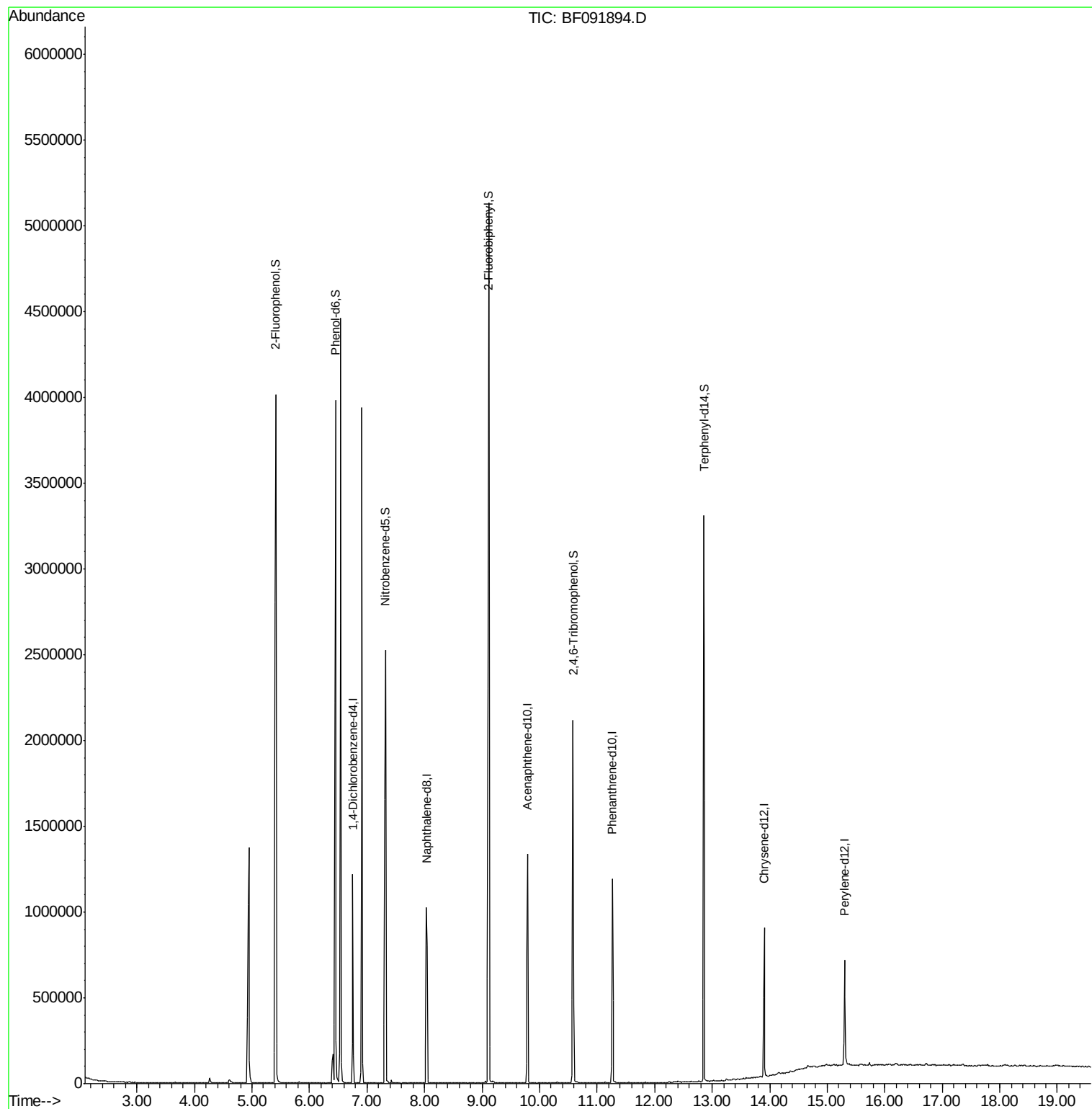
Target Compounds Qvalue

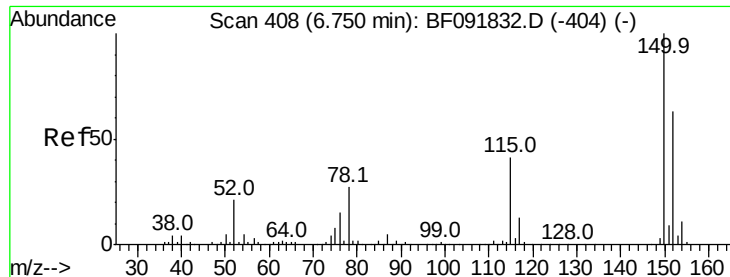
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

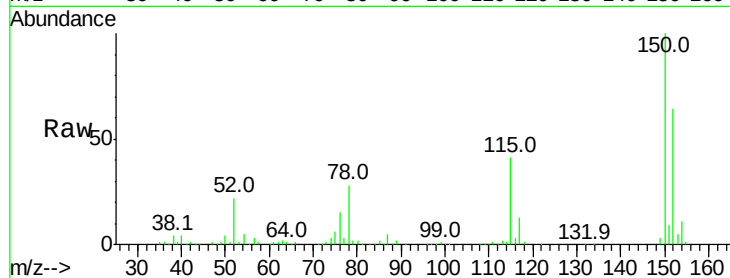
Tot Ion:152 Resp: 180851

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

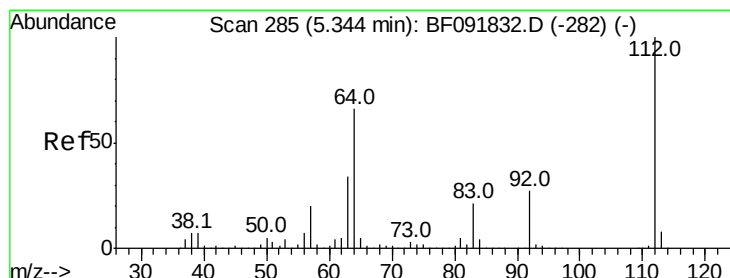
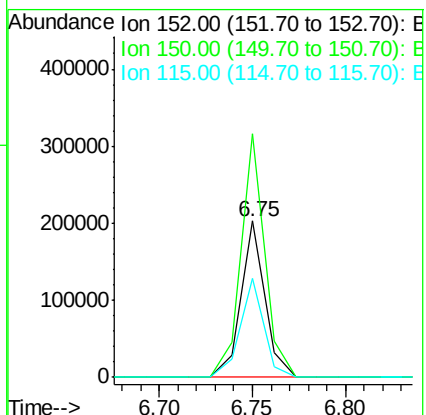
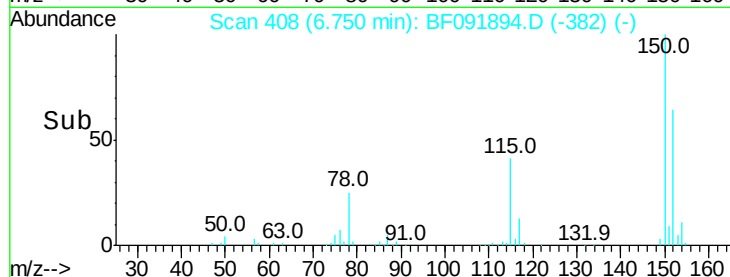
115 63.5 46.0 69.0



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: 129.52 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.07 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

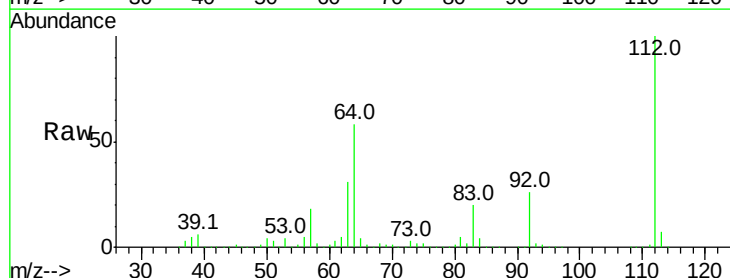
Tgt Ion:112 Resp: 1402882

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

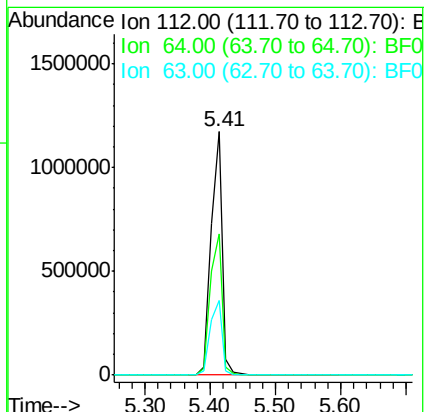
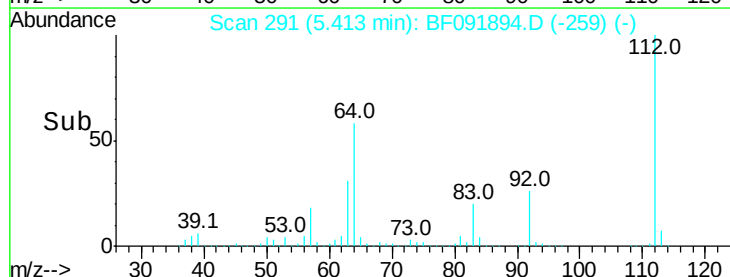
63 30.5 23.8 35.6

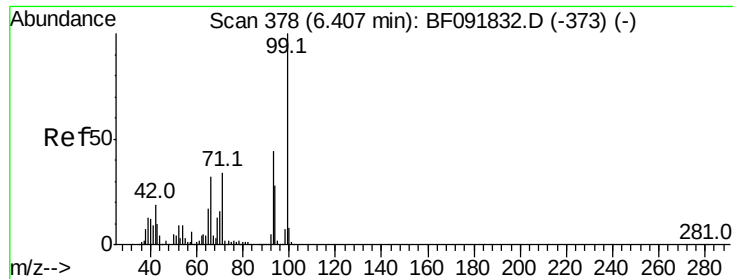


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.00 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

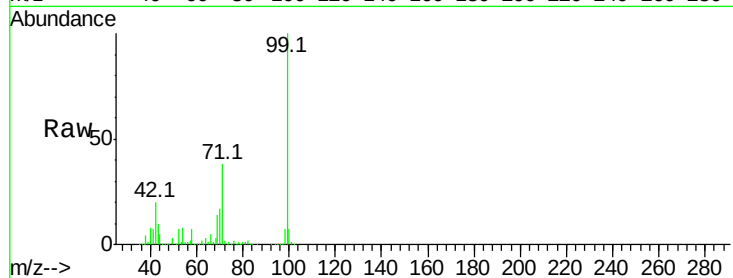
Tot Ion: 99 Resp: 1613369

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

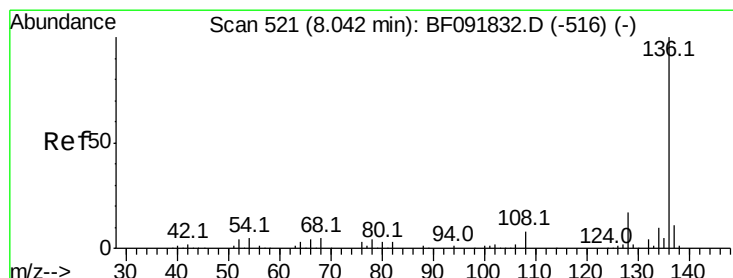
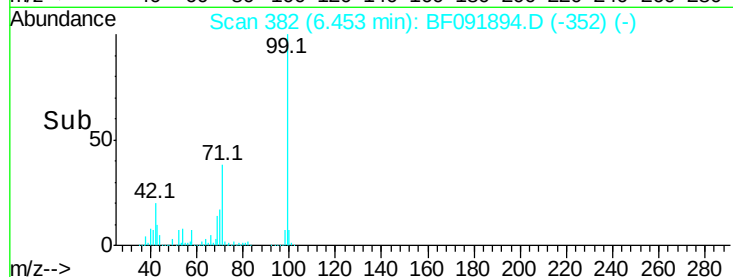
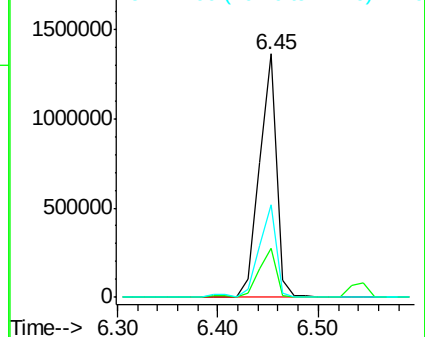
71 37.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Tgt Ion: 136 Resp: 706501

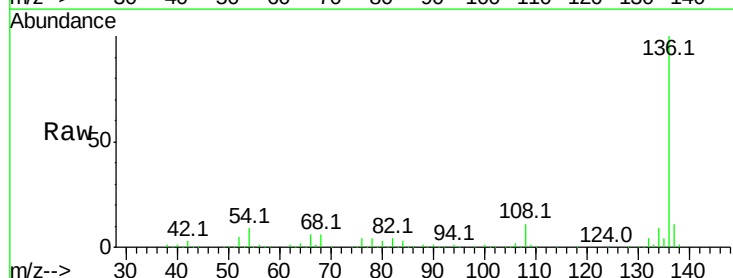
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.6 4.5 6.7#

68 6.3 3.6 5.4#

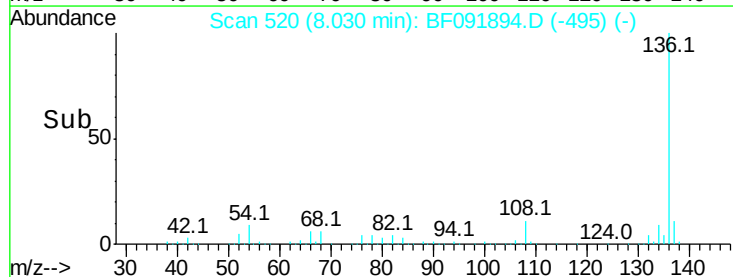
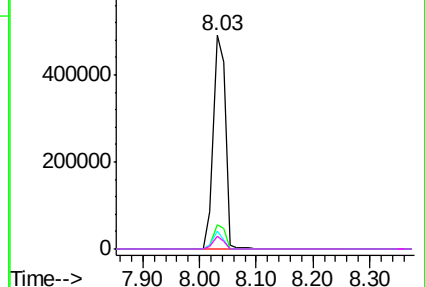


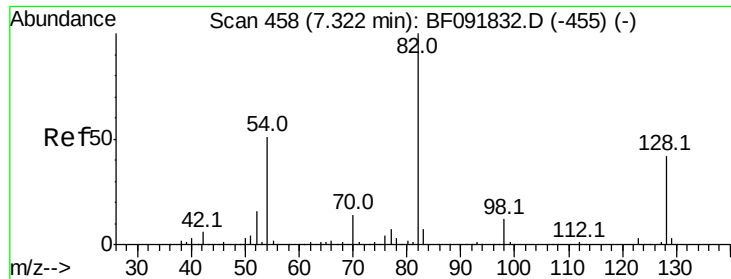
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



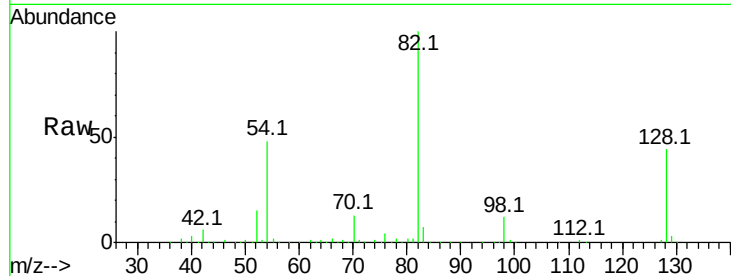


#23
 Nitrobenzene-d5
 Concen: 87.93 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091894.D
 Acq: 22 Dec 2016 18:59

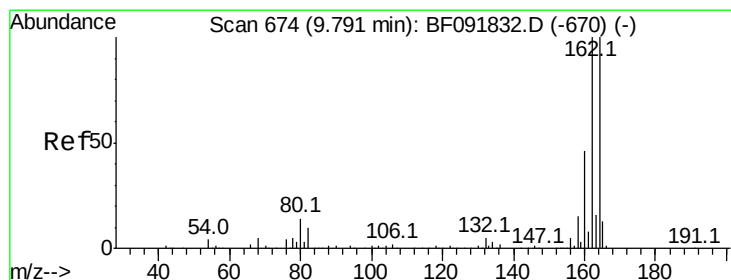
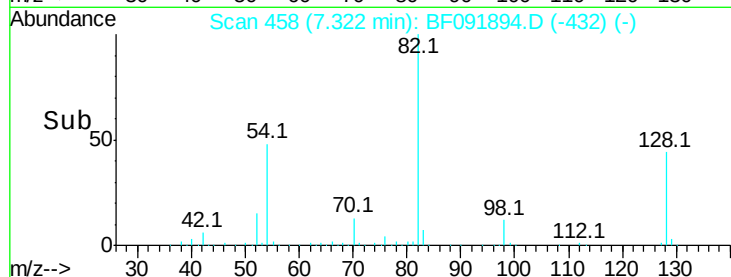
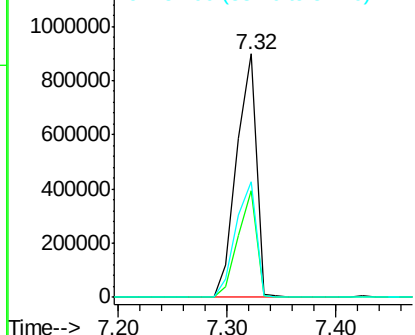
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BL

Tot Ion: 82 Resp: 1117133

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	47.7	39.5	59.3



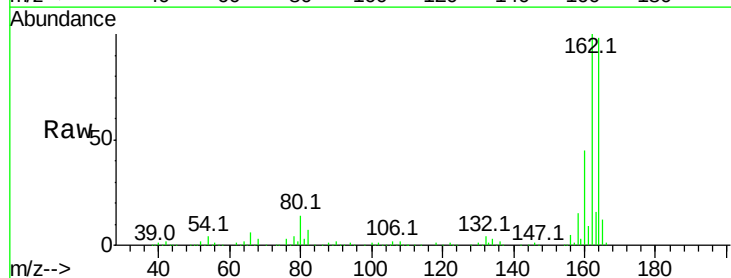
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



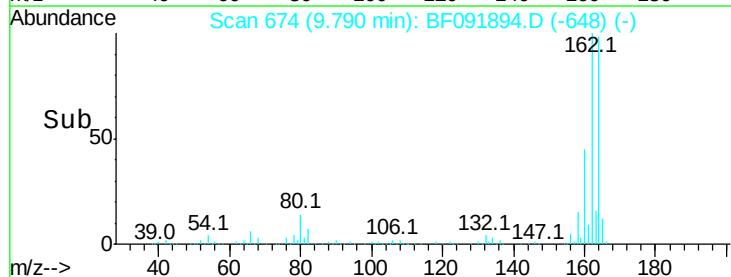
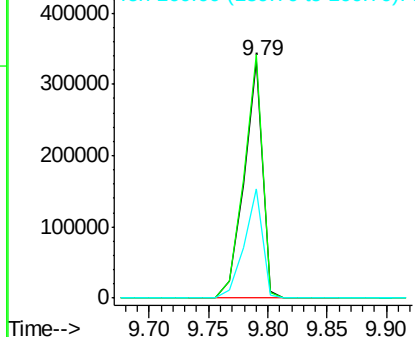
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF091894.D
 Acq: 22 Dec 2016 18:59

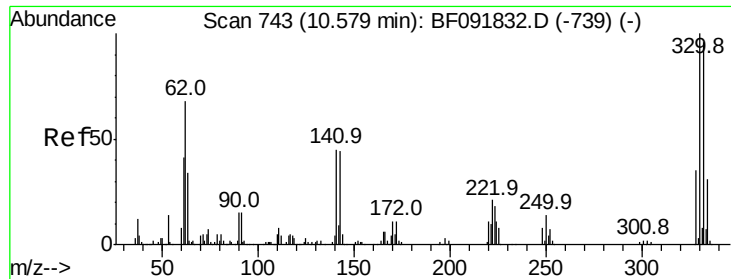
Tgt Ion:164 Resp: 362429

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	45.7	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

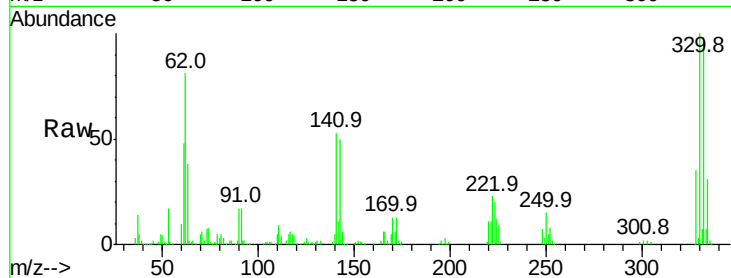




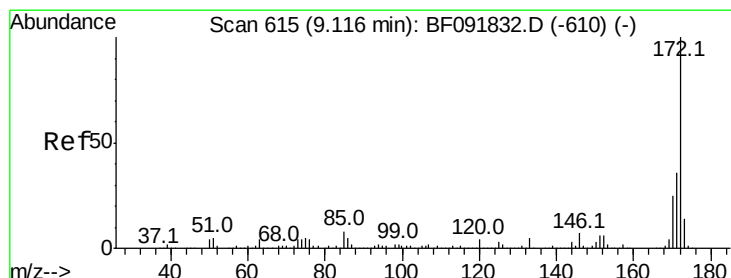
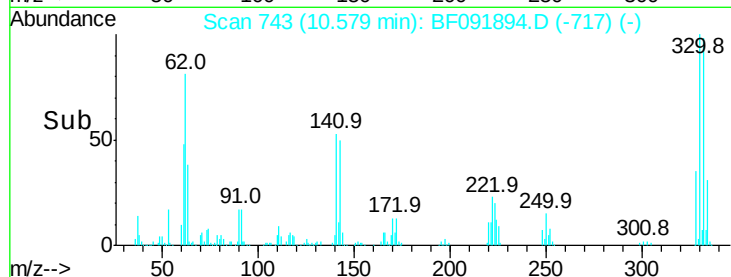
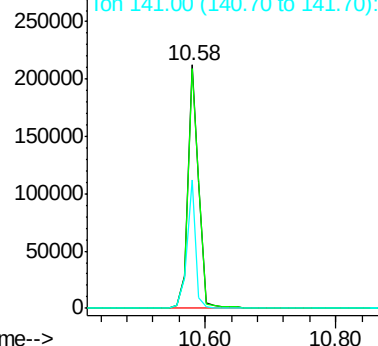
#41
 2,4,6-Tribromophenol
 Concen: 83.93 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091894.D
 Acq: 22 Dec 2016 18:59

Instrument :
 BNA_F
 ClientSampled :
 PB95563BL

Tot Ion:330 Resp: 251734
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.4 116.2
 141 42.0 34.1 51.1

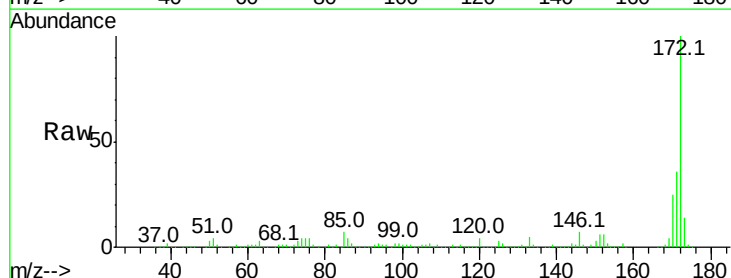


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

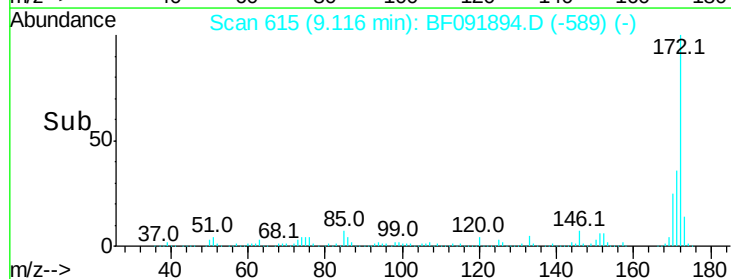
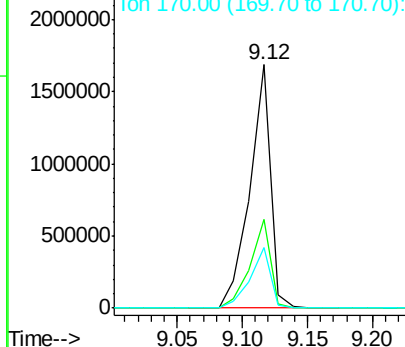


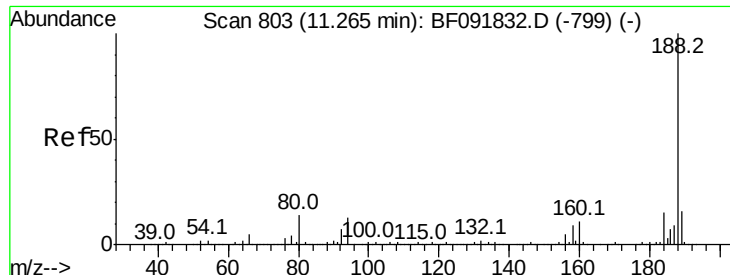
#44
 2-Fluorobiphenyl
 Concen: 109.20 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091894.D
 Acq: 22 Dec 2016 18:59

Tgt Ion:172 Resp: 1866624
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.7 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

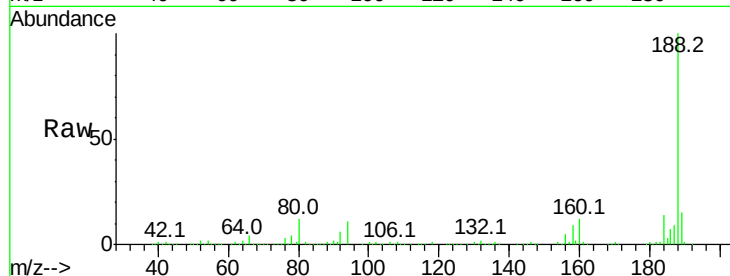




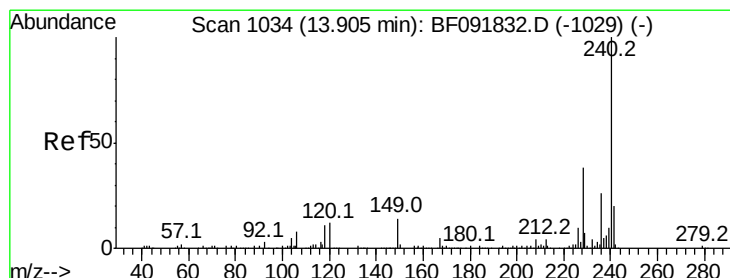
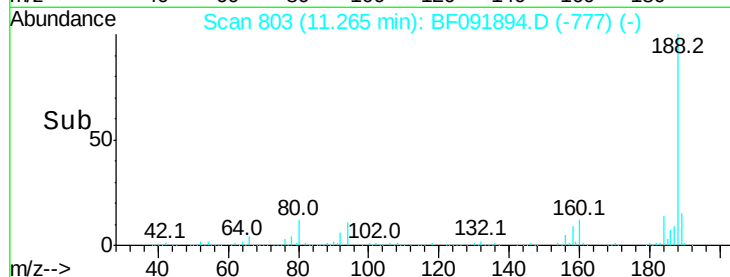
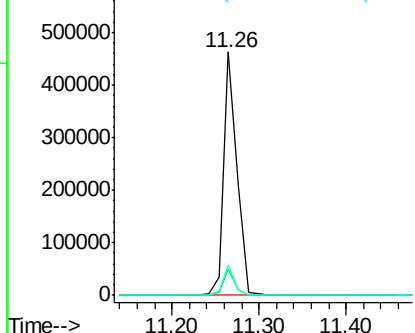
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091894.D
Acq: 22 Dec 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB95563BL

Tot Ion:188 Resp: 493534
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 12.1 11.2 16.8

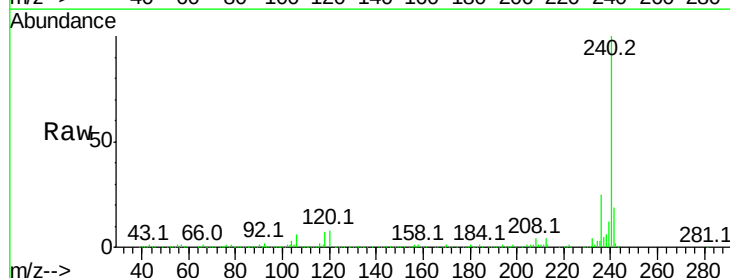


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

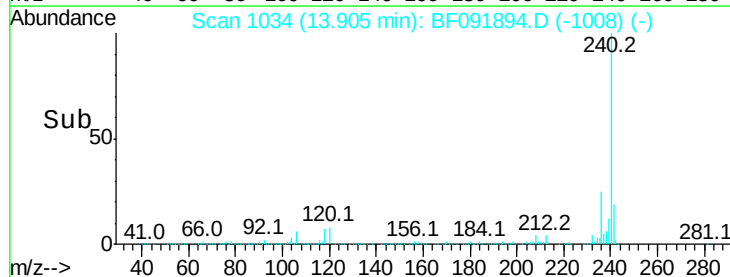
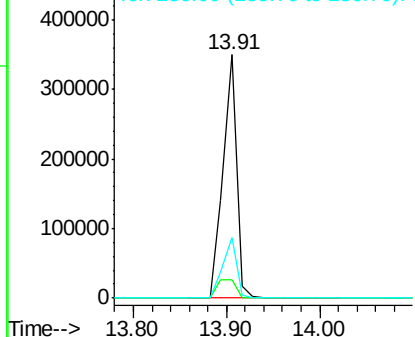


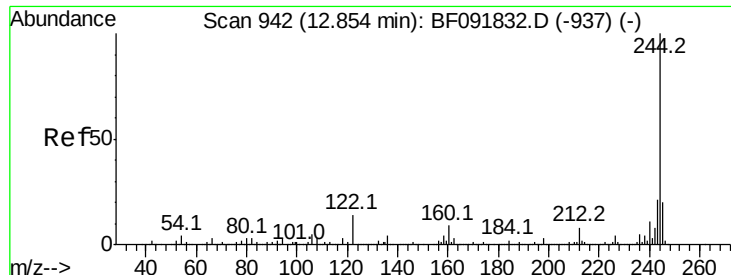
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091894.D
Acq: 22 Dec 2016 18:59

Tgt Ion:240 Resp: 353902
Ion Ratio Lower Upper
240 100
120 7.7 12.9 19.3#
236 24.8 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: 85.67 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

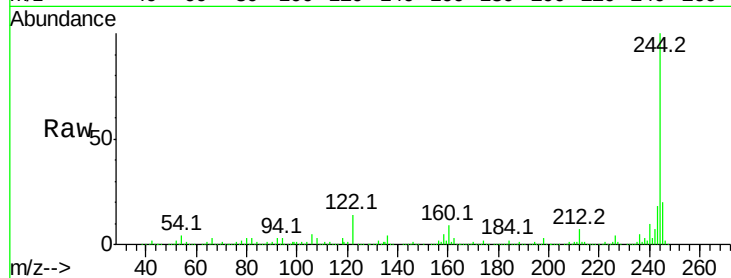
Tot Ion:244 Resp: 1250073

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

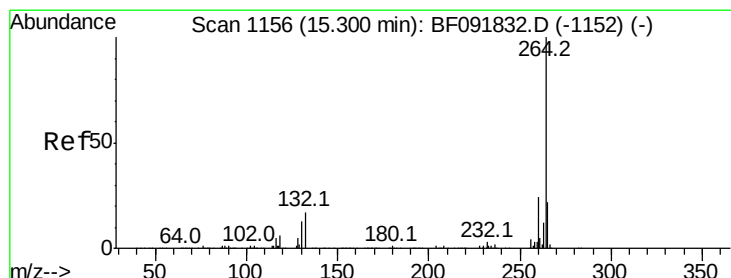
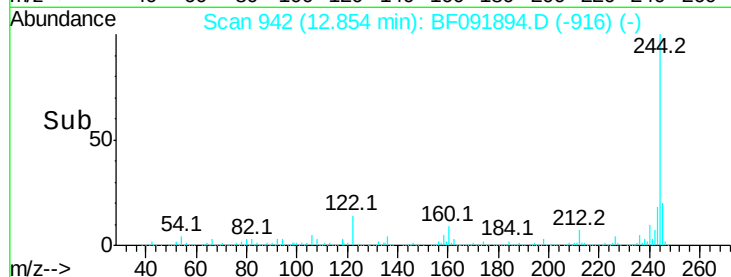
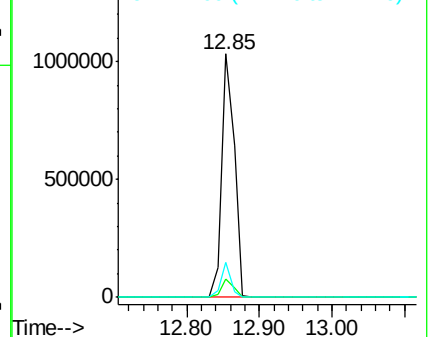
122 14.4 11.4 17.2



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: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

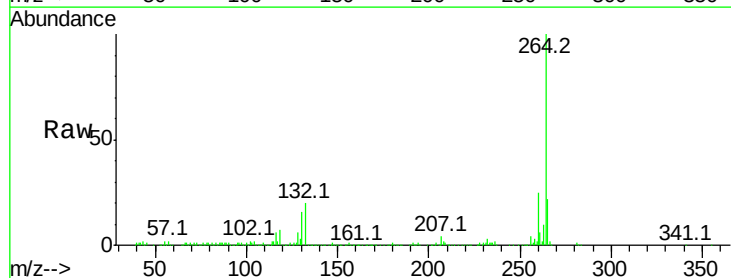
Tgt Ion:264 Resp: 302165

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 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

