

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091918.D
 Acq On : 23 Dec 2016 12:31
 Operator : UM/SJ
 Sample : PB95563BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BL

Quant Time: Dec 23 17:00:08 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	217365	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	900589	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	518660	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	797973	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	635766	20.00	ng	-0.02
86) Perylene-d12	15.28	264	526278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1525937	117.22	ng	0.05
7) Phenol-d6	6.43	99	2213442	139.27	ng	0.02
23) Nitrobenzene-d5	7.31	82	1433815	88.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	530947	123.70	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2259905	90.04	ng	-0.01
78) Terphenyl-d14	12.84	244	2139626	81.62	ng	-0.01

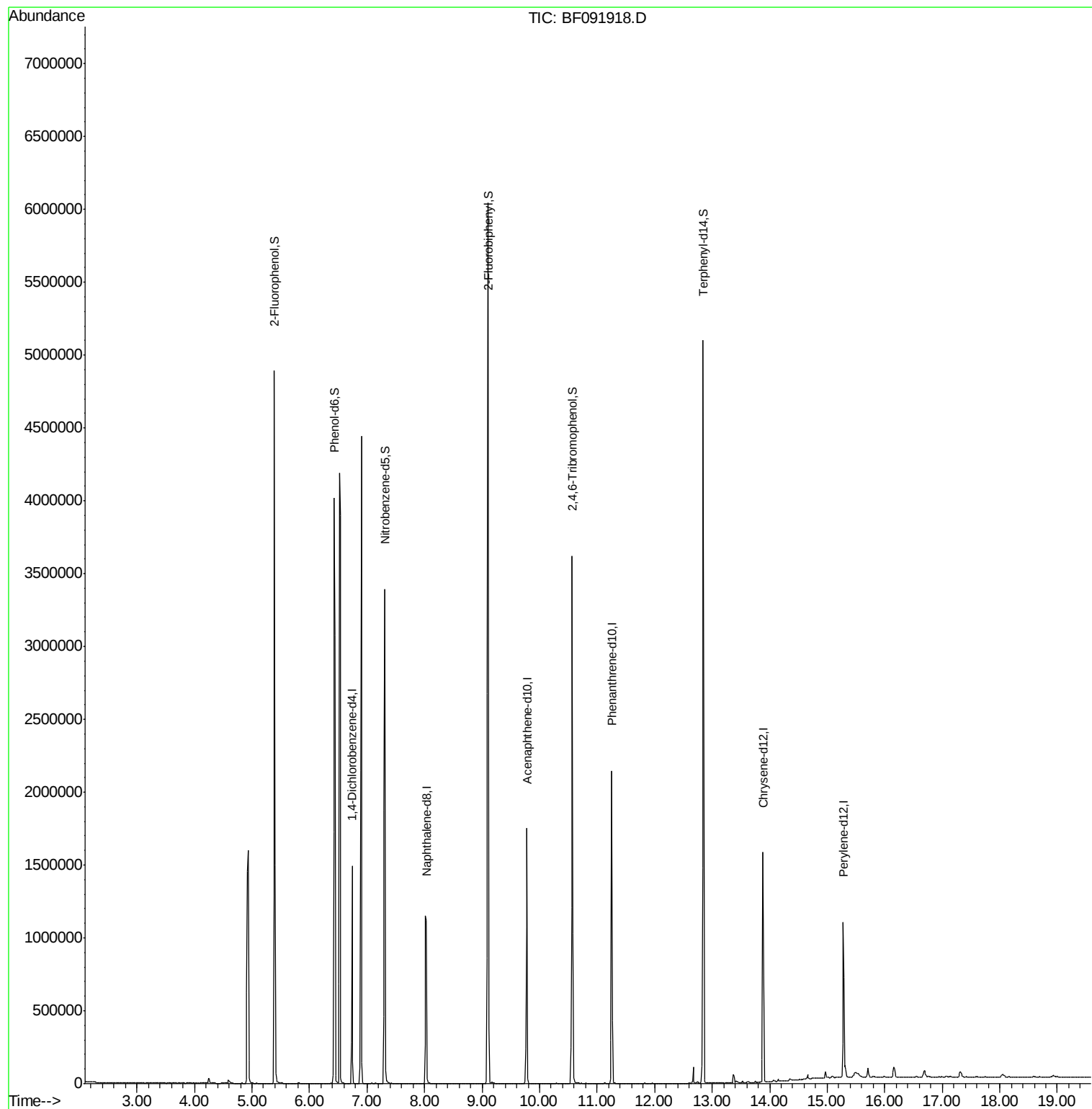
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

PB95563BL

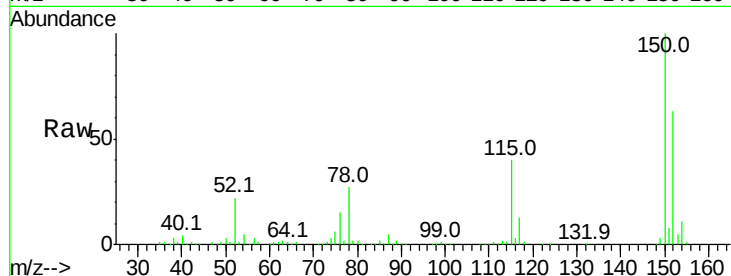
Tot Ion:152 Resp: 217365

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

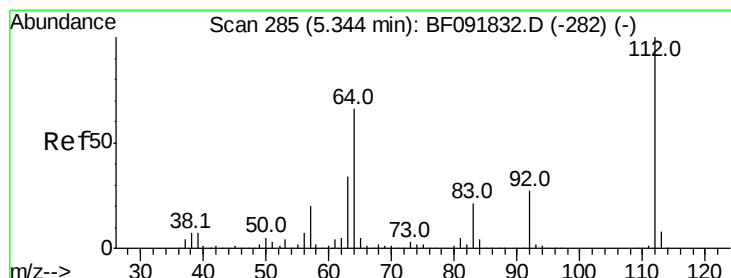
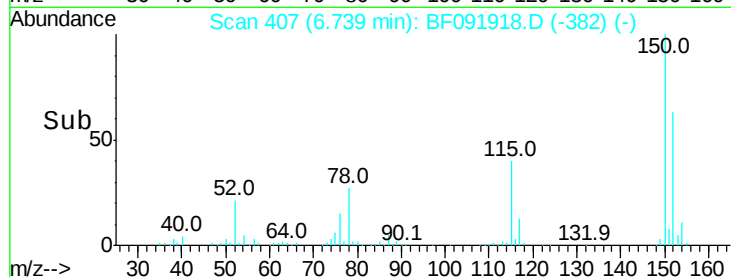
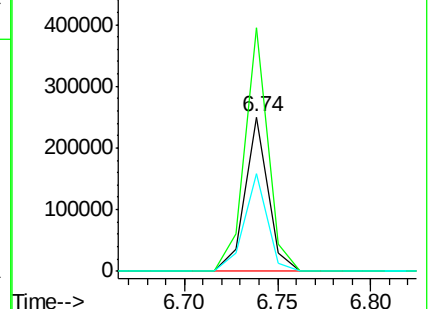
115 63.0 46.0 69.0



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: 117.22 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

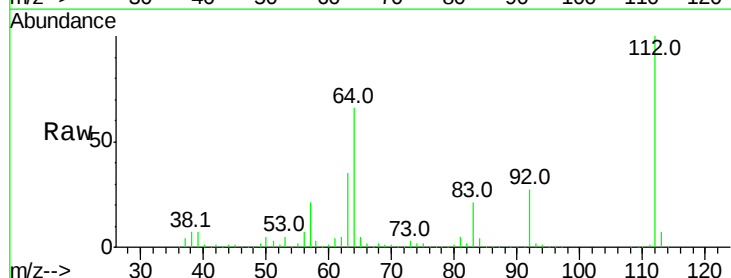
Tgt Ion:112 Resp: 1525937

Ion Ratio Lower Upper

112 100

64 66.5 46.1 69.1

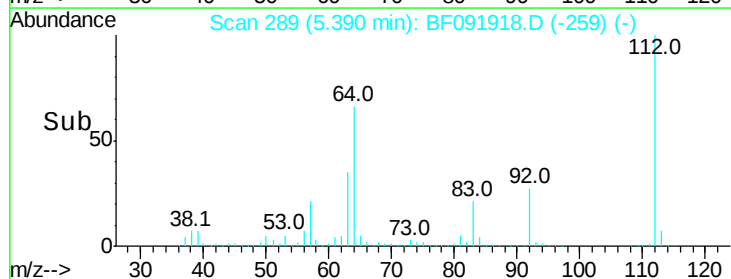
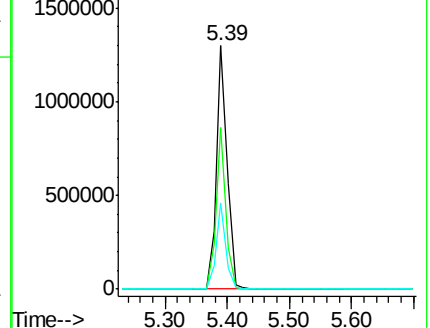
63 35.2 23.8 35.6



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: 139.27 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

PB95563BL

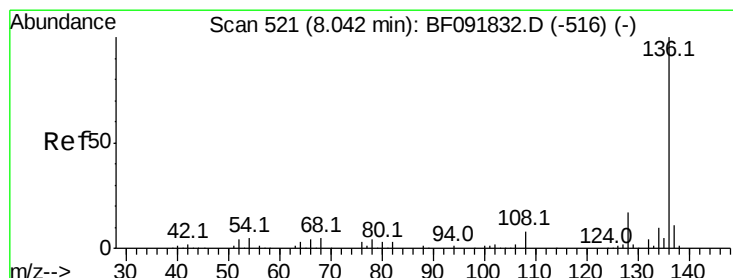
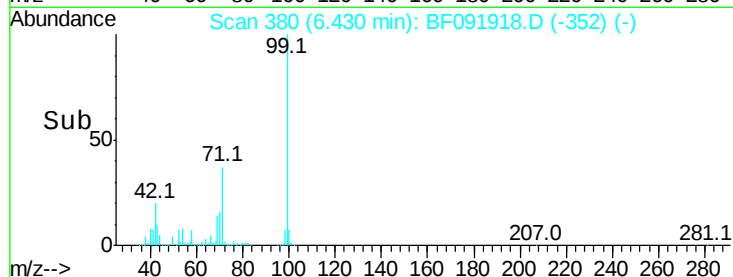
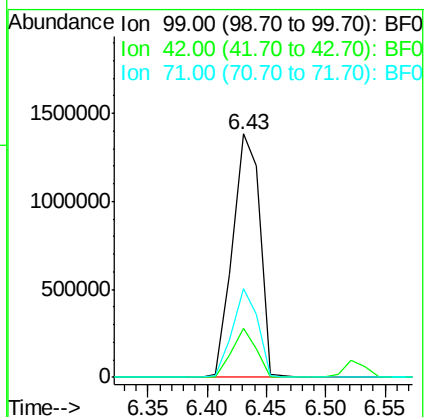
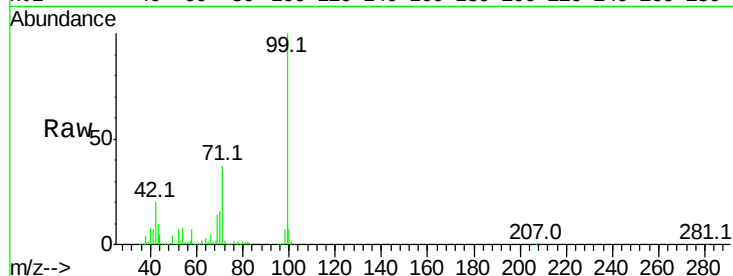
Tot Ion: 99 Resp: 2213442

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 36.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

Tgt Ion: 136 Resp: 900589

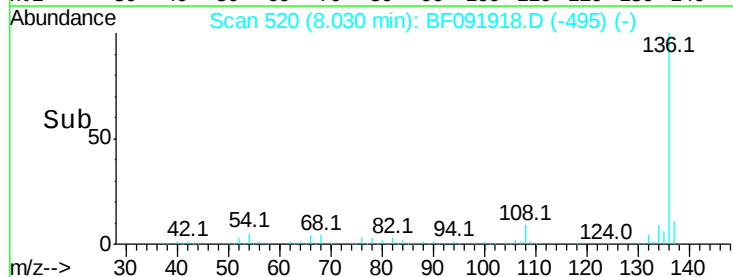
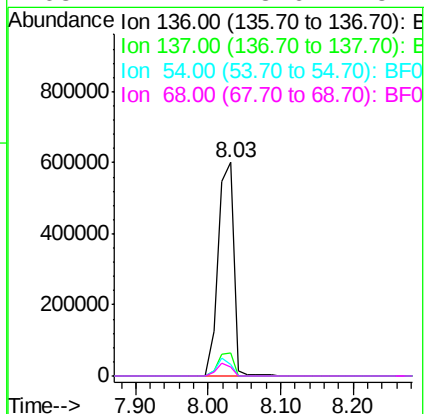
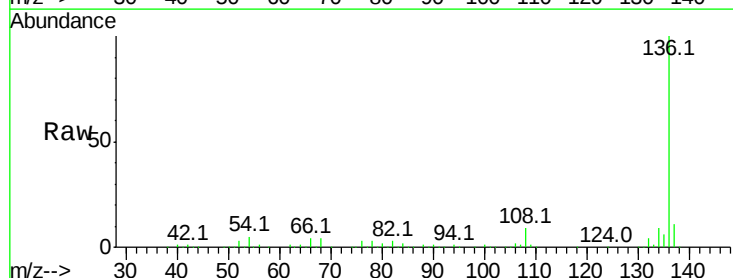
Ion Ratio Lower Upper

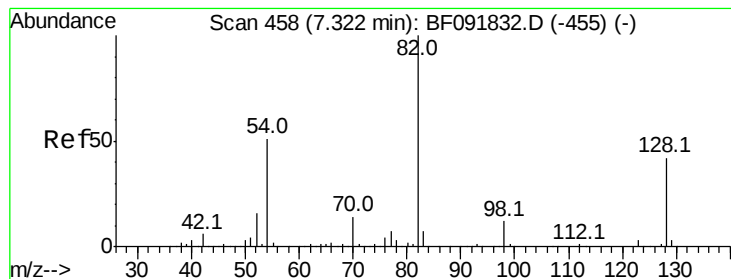
136 100

137 10.5 8.4 12.6

54 5.2 4.5 6.7

68 4.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 88.53 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

PB95563BL

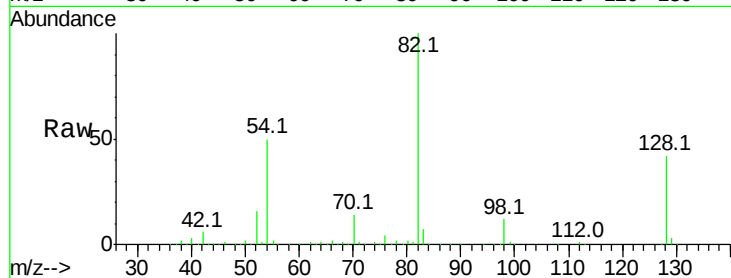
Tot Ion: 82 Resp: 1433815

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

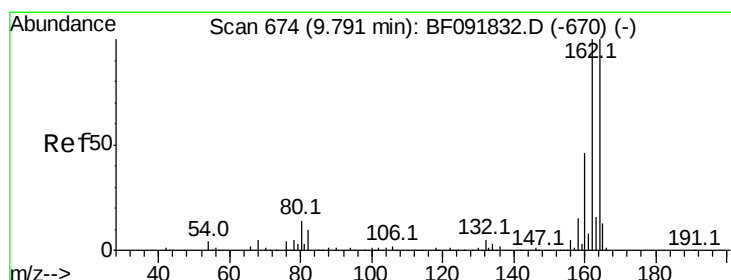
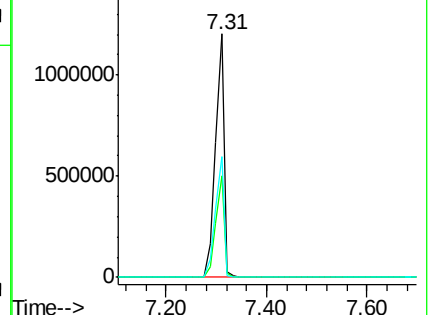
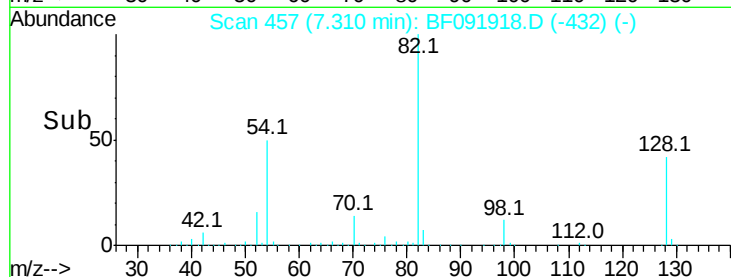
54 49.6 39.5 59.3



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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

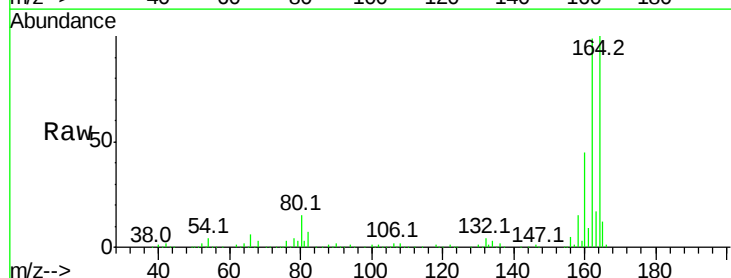
Tgt Ion:164 Resp: 518660

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.2

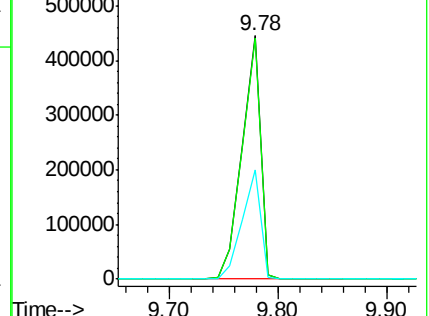
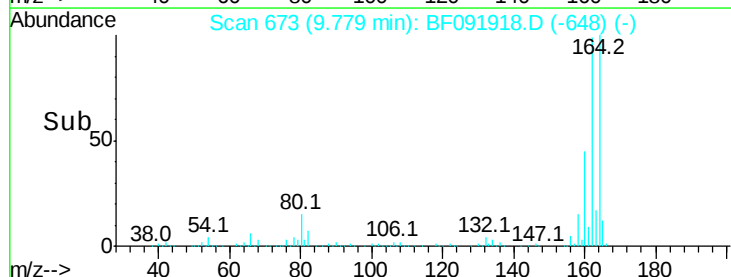
160 45.1 36.9 55.3



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

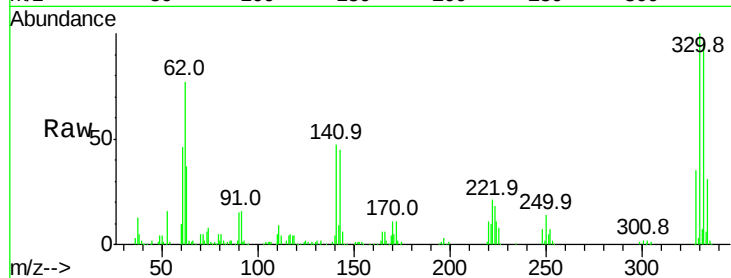




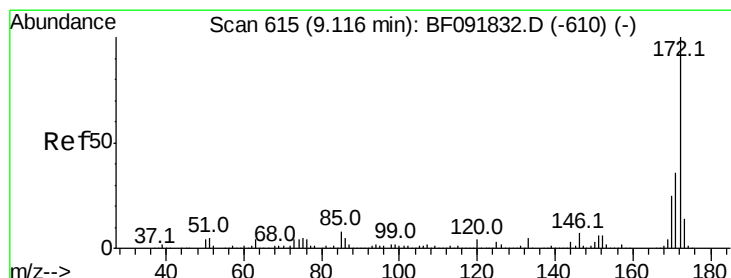
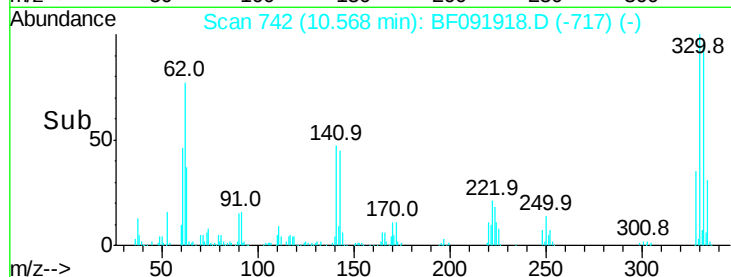
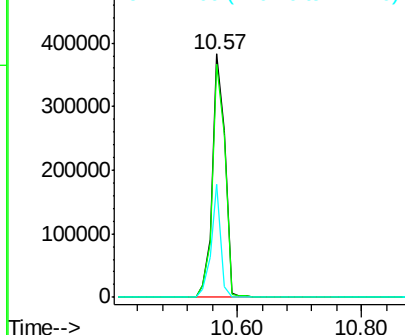
#41
 2,4,6-Tribromophenol
 Concen: 123.70 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091918.D
 Acq: 23 Dec 2016 12:31

Instrument :
 BNA_F
 ClientSampleID :
 PB95563BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	35.8	34.1	51.1

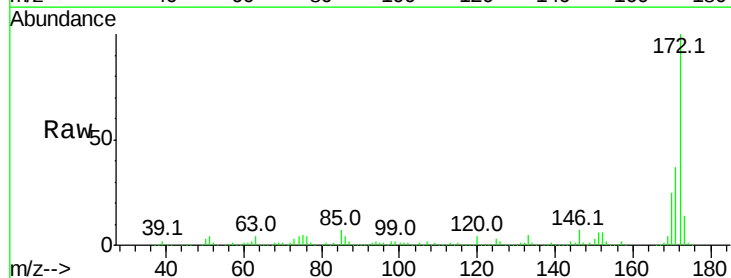


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

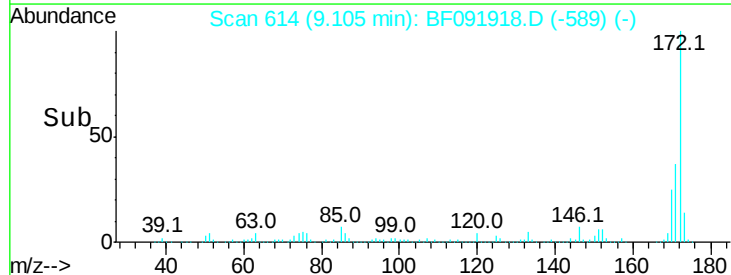
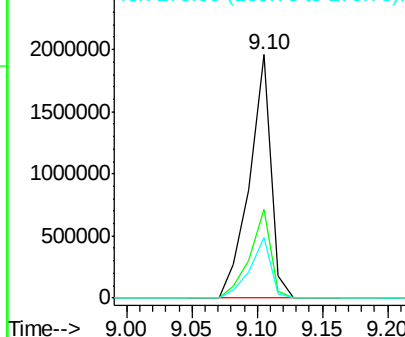


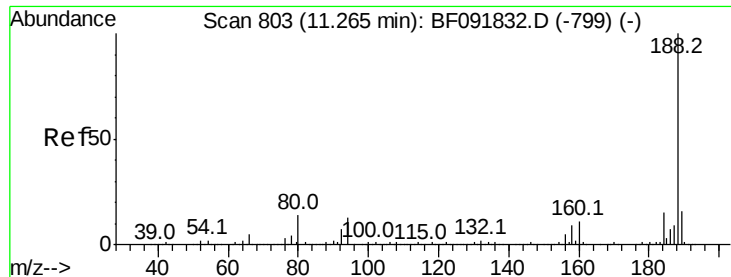
#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091918.D
 Acq: 23 Dec 2016 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

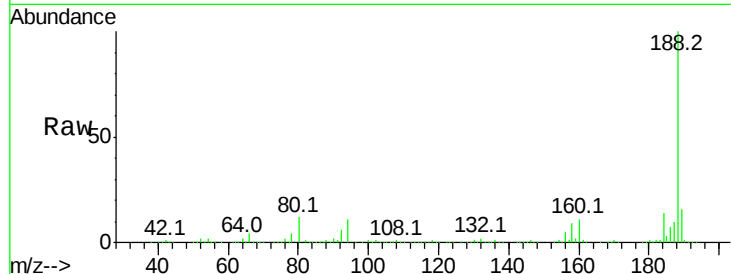




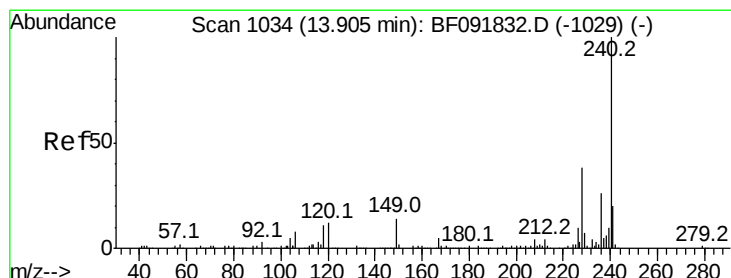
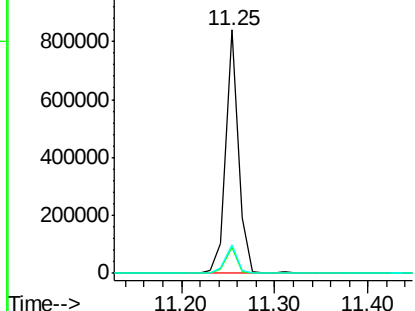
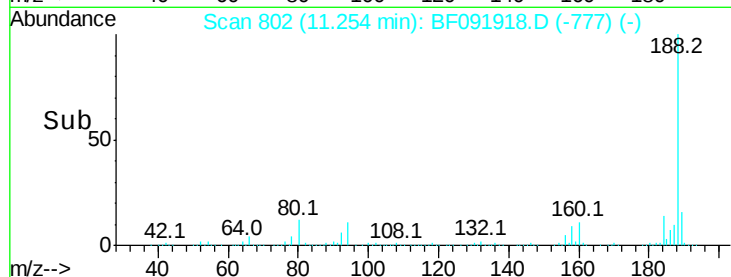
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091918.D
Acq: 23 Dec 2016 12:31

Instrument :
BNA_F
ClientSampled :
PB95563BL

Tot Ion:188 Resp: 797973
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.9 11.2 16.8

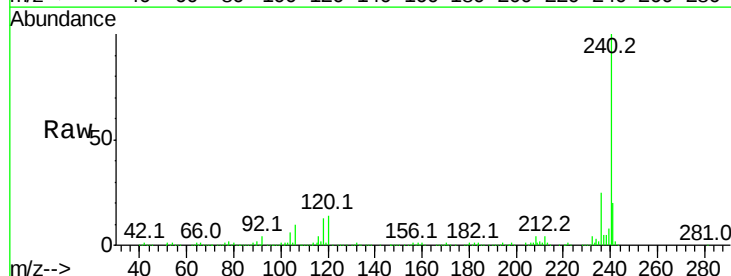


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

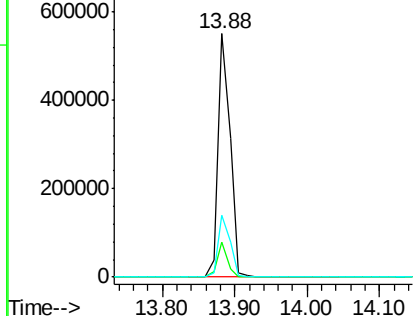
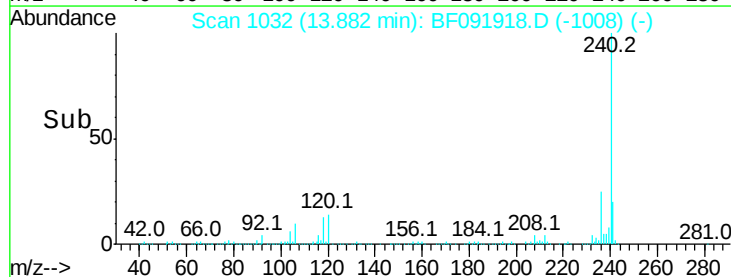


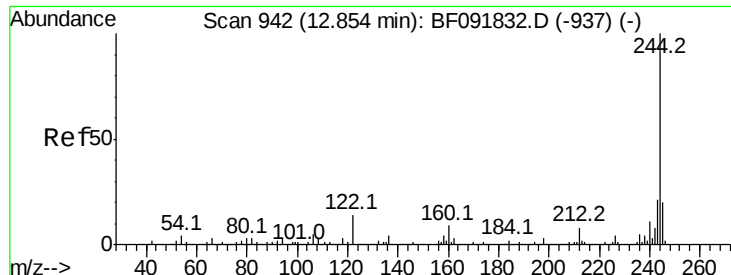
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091918.D
Acq: 23 Dec 2016 12:31

Tgt Ion:240 Resp: 635766
Ion Ratio Lower Upper
240 100
120 14.2 12.9 19.3
236 25.5 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: 81.62 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

PB95563BL

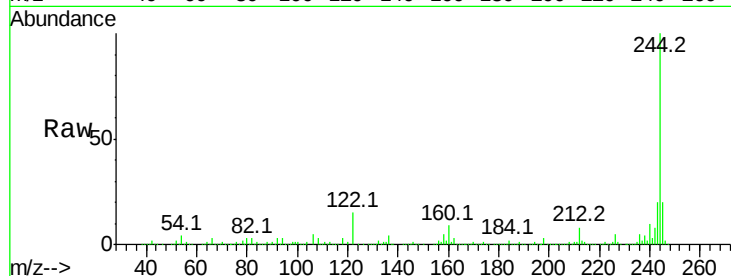
Tot Ion:244 Resp: 2139626

Ion Ratio Lower Upper

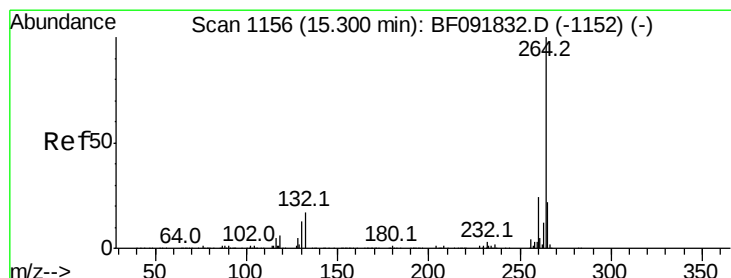
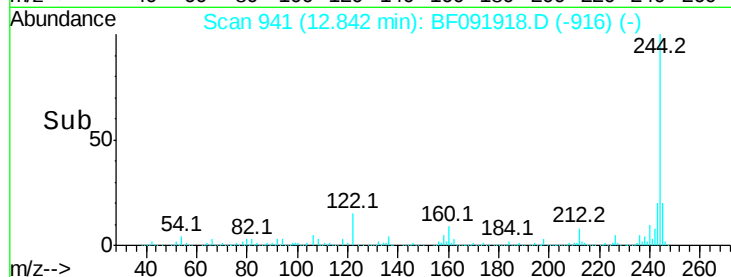
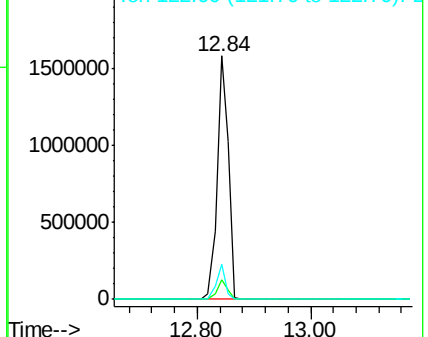
244 100

212 7.8 6.2 9.2

122 14.6 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: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF091918.D

Acq: 23 Dec 2016 12:31

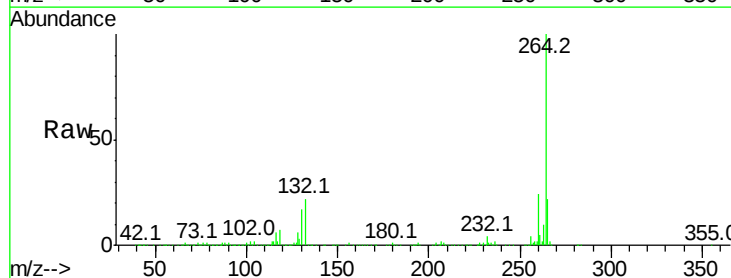
Tgt Ion:264 Resp: 526278

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 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

