

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091981.D
 Acq On : 27 Dec 2016 21:32
 Operator : UM/SJ
 Sample : H6245-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Quant Time: Dec 28 01:13:14 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

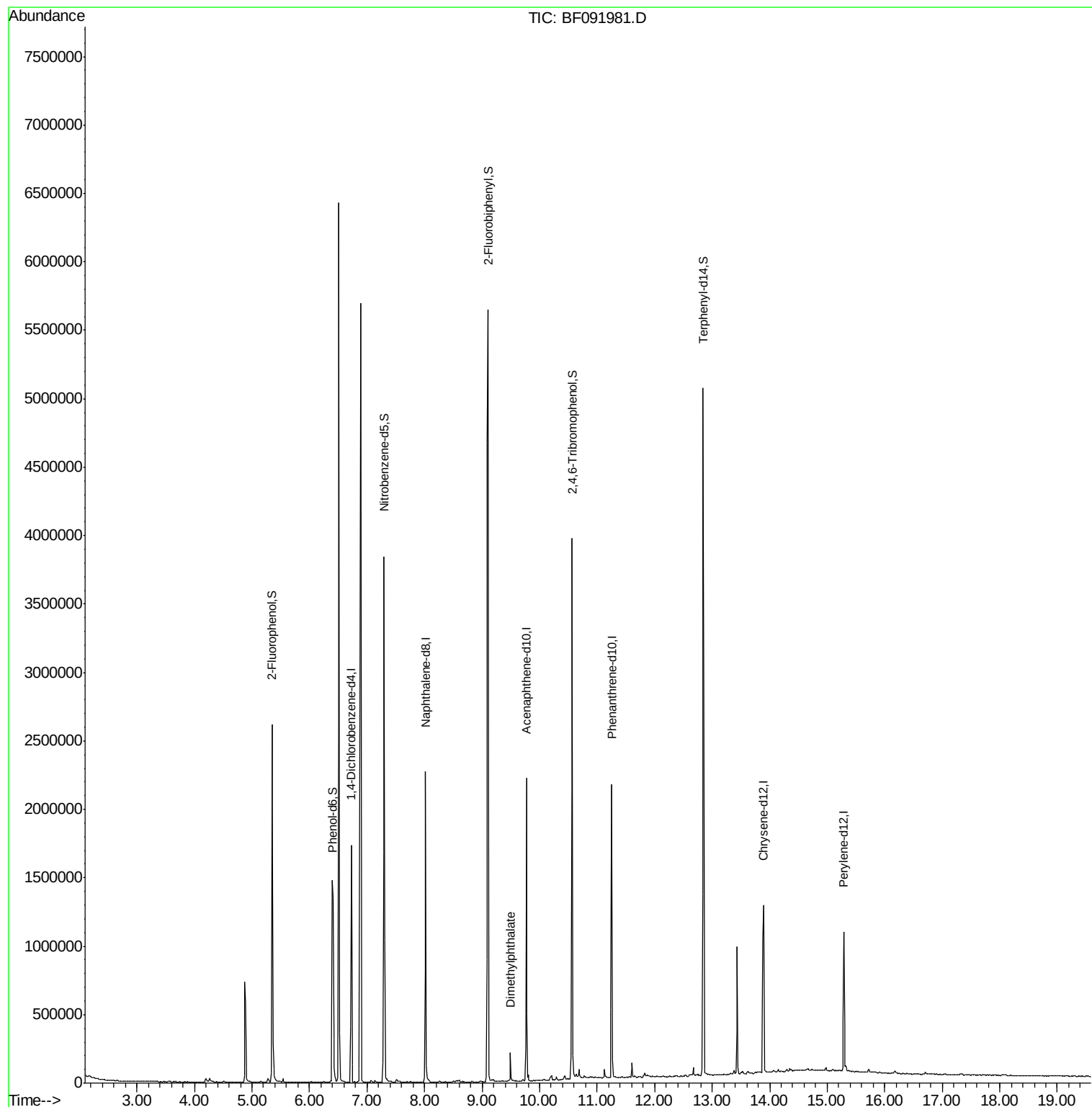
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	262880	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1137350	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	459323	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	766243	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	590135	20.00	ng	-0.01
86) Perylene-d12	15.29	264	447766	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1065838	67.70	ng	0.00
7) Phenol-d6	6.41	99	843209	43.87	ng	0.00
23) Nitrobenzene-d5	7.30	82	1641180	80.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	512339	134.78	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2622058	122.68	ng	-0.01
78) Terphenyl-d14	12.84	244	2122752	87.24	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.49	163	81961	2.79	ng	Qvalue 98

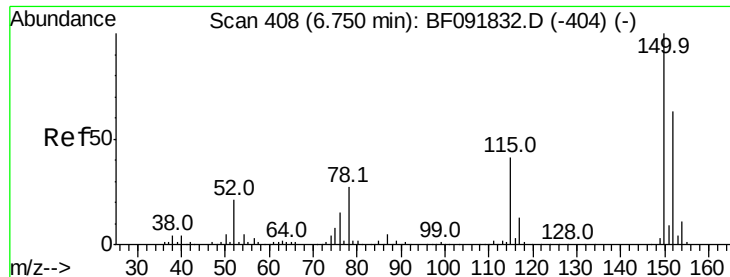
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091981.D

Acq: 27 Dec 2016 21:32

Instrument :

BNA_F

ClientSampleId :

PZ-4

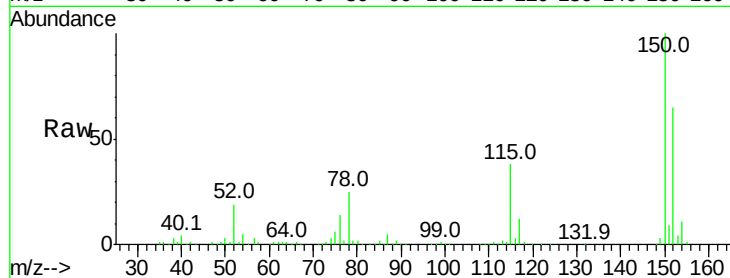
Tot Ion:152 Resp: 262880

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

115 59.2 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

600000

500000

400000

300000

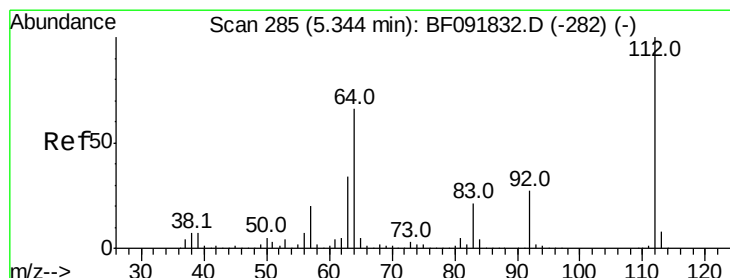
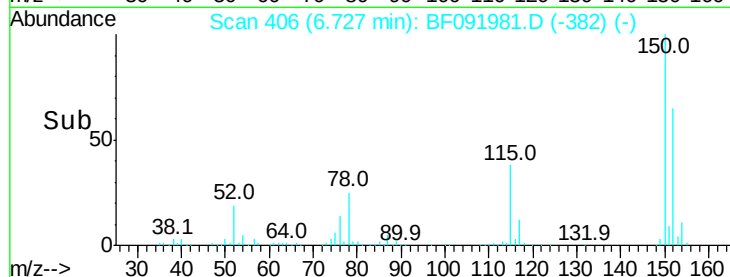
200000

100000

0

6.70 6.73 6.80

Time-->



#5

2-Fluorophenol

Concen: 67.70 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091981.D

Acq: 27 Dec 2016 21:32

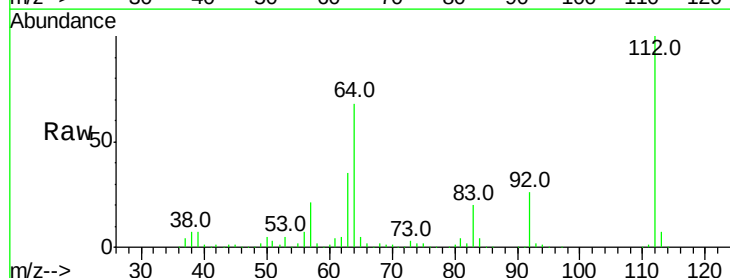
Tgt Ion:112 Resp: 1065838

Ion Ratio Lower Upper

112 100

64 68.4 46.1 69.1

63 34.7 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

800000

600000

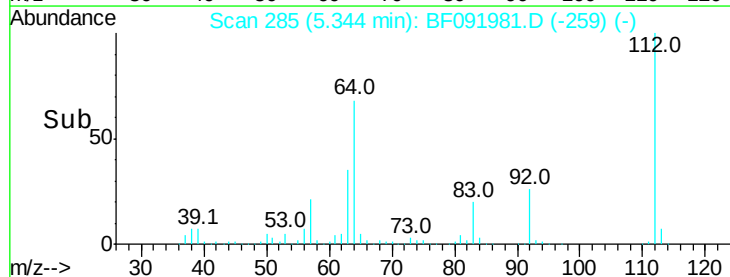
400000

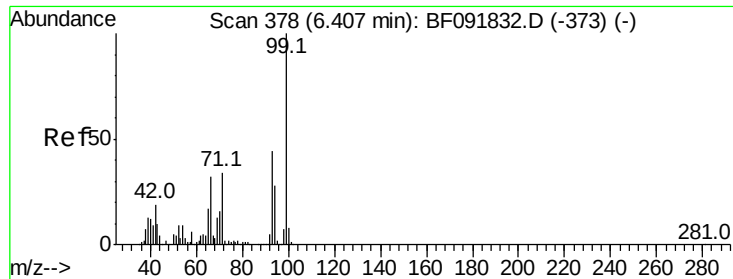
200000

0

5.20 5.34 5.60

Time-->





#7

Phenol-d6

Concen: 43.87 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 27 Dec 2016 21:32

Instrument :

BNA_F

ClientSampleId :

PZ-4

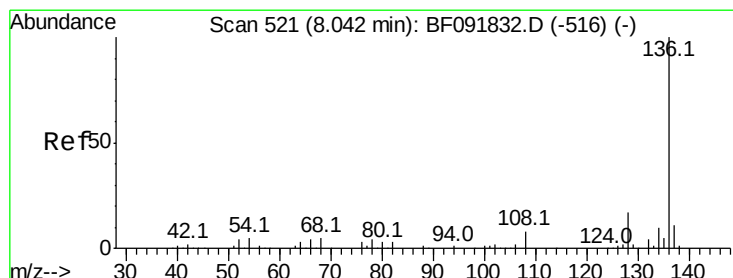
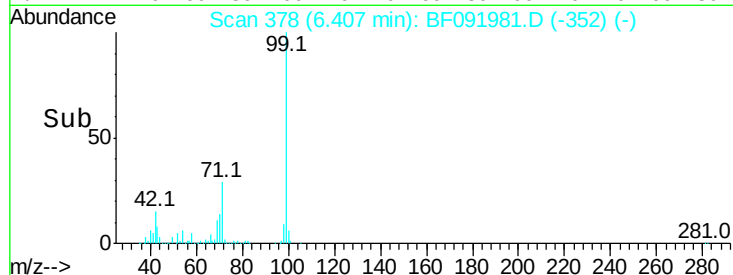
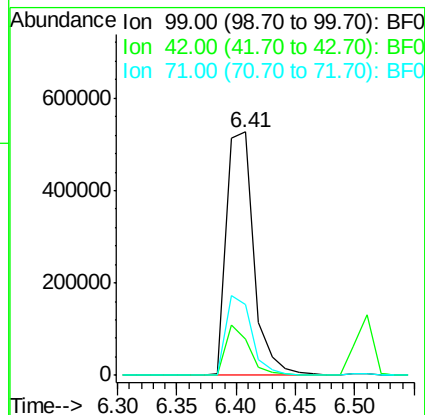
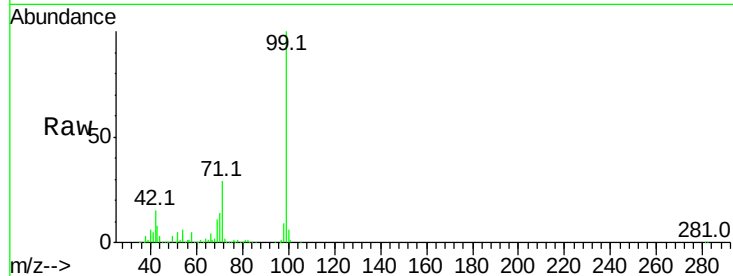
Tot Ion: 99 Resp: 843209

Ion Ratio Lower Upper

99 100

42 14.9 15.6 23.4#

71 29.0 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: BF091832.D

Acq: 27 Dec 2016 21:32

Tgt Ion: 136 Resp: 1137350

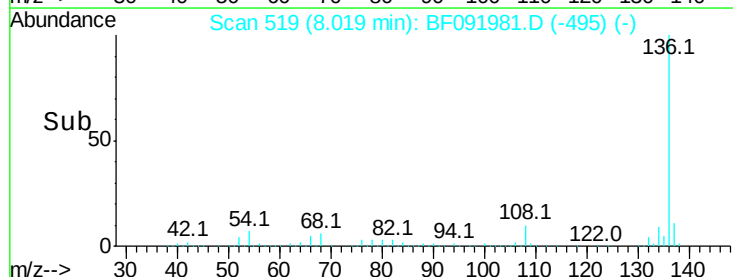
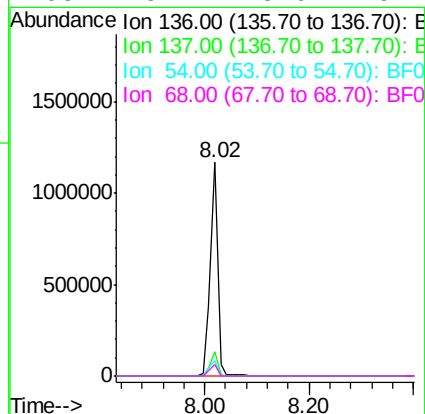
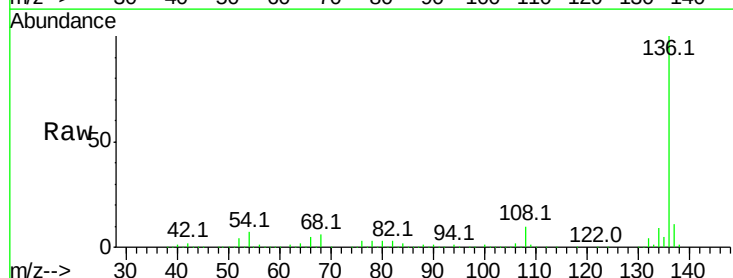
Ion Ratio Lower Upper

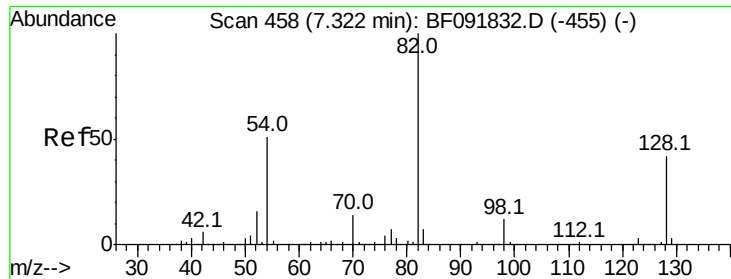
136 100

137 11.2 8.4 12.6

54 6.9 4.5 6.7#

68 5.7 3.6 5.4#



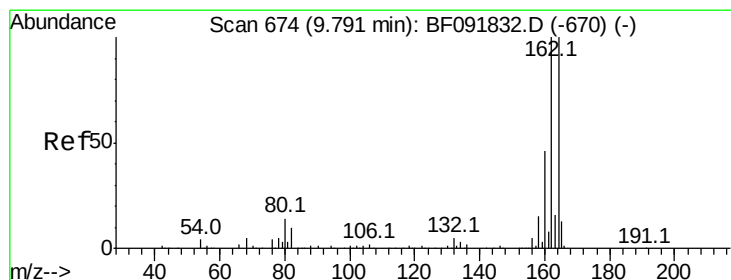
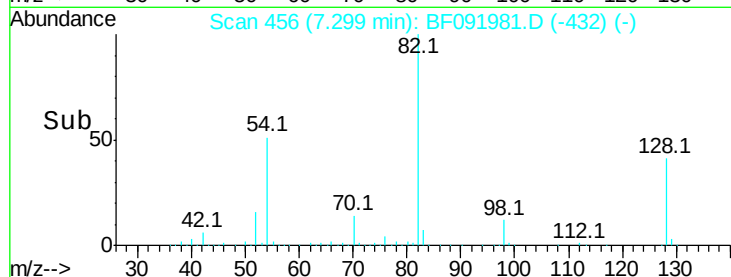
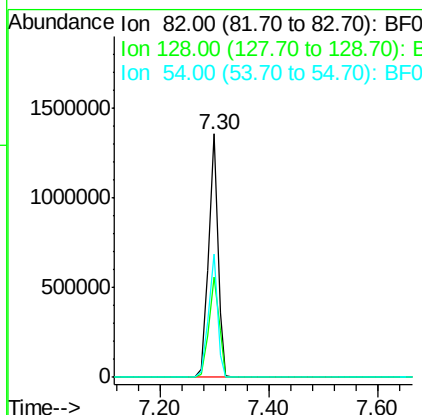
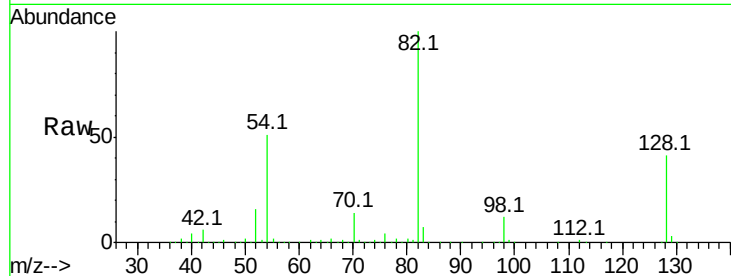


#23
 Nitrobenzene-d5
 Concen: 80.24 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091981.D
 Acq: 27 Dec 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tot Ion: 82 Resp: 1641180

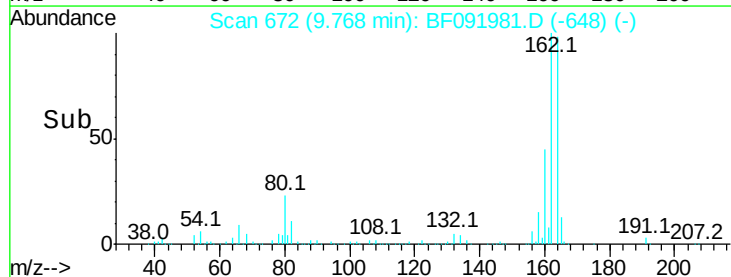
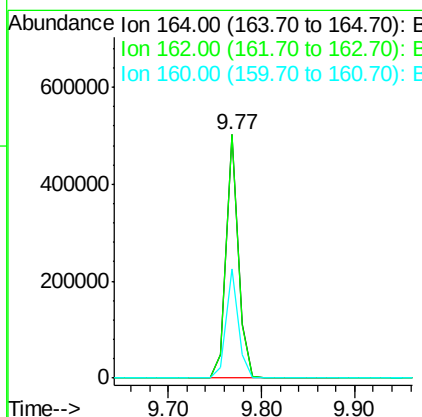
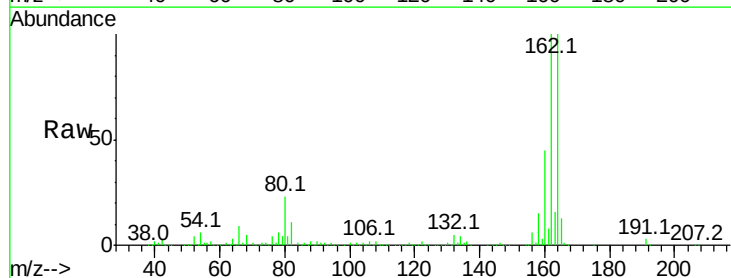
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	50.8	39.5	59.3

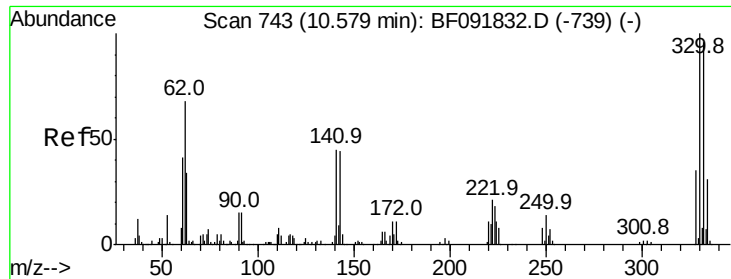


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF091981.D
 Acq: 27 Dec 2016 21:32

Tgt Ion:164 Resp: 459323

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	45.1	36.9	55.3

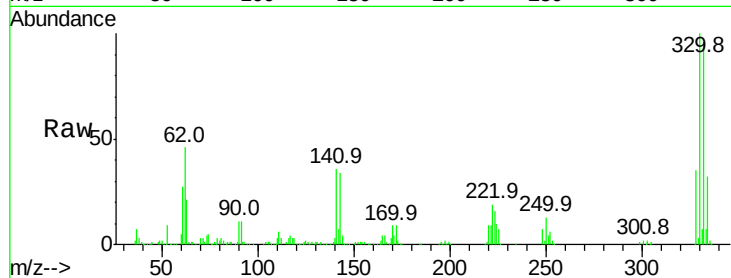




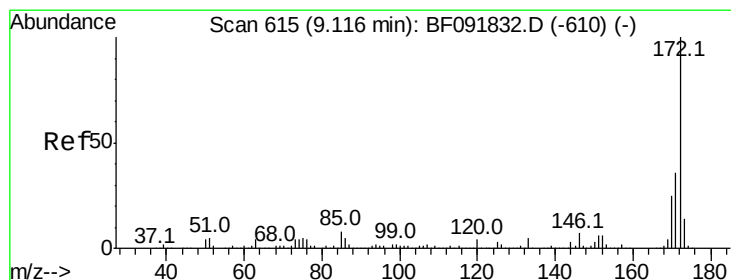
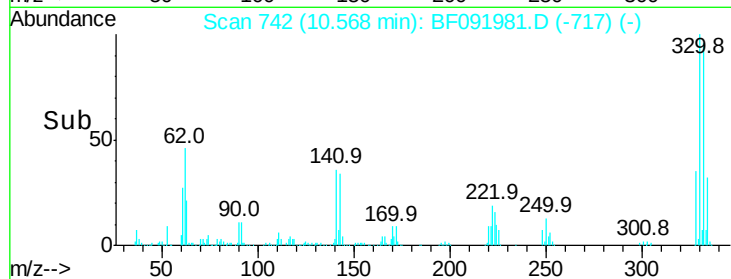
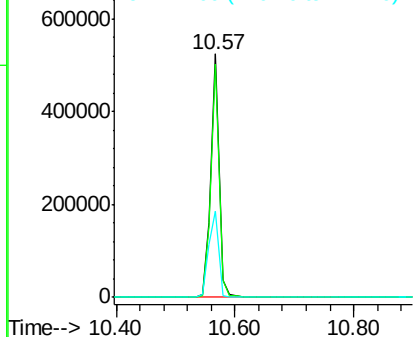
#41
 2,4,6-Tribromophenol
 Concen: 134.78 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091981.D
 Acq: 27 Dec 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tot Ion:330 Resp: 512339
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 42.7 34.1 51.1

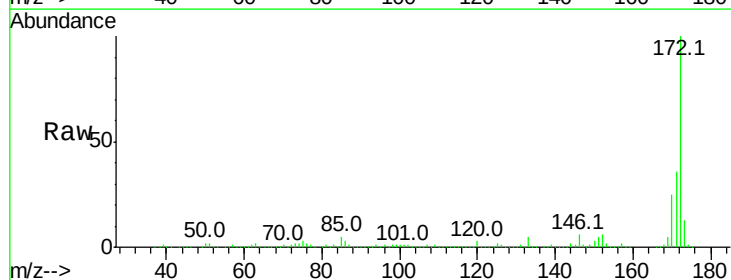


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

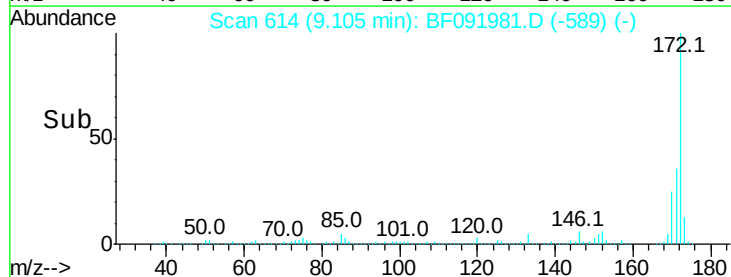
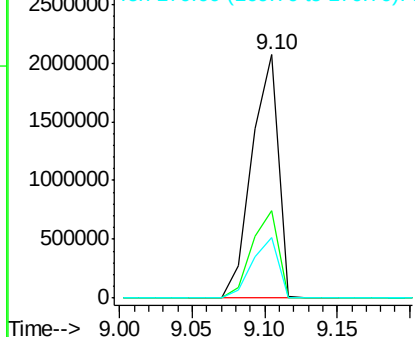


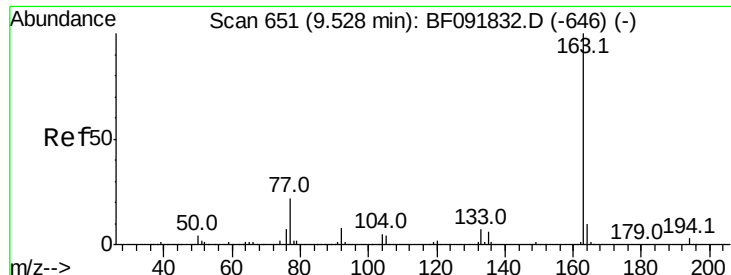
#44
 2-Fluorobiphenyl
 Concen: 122.68 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091981.D
 Acq: 27 Dec 2016 21:32

Tgt Ion:172 Resp: 2622058
 Ion Ratio Lower Upper
 172 100
 171 36.0 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





#49

Dimethylphthalate

Concen: 2.79 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091981.D

Acq: 27 Dec 2016 21:32

Instrument :

BNA_F

ClientSampleId :

PZ-4

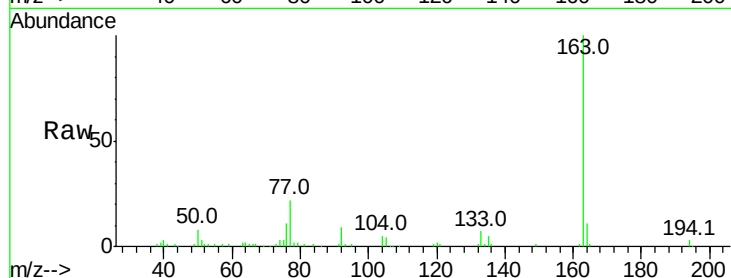
Tot Ion:163 Resp: 81961

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

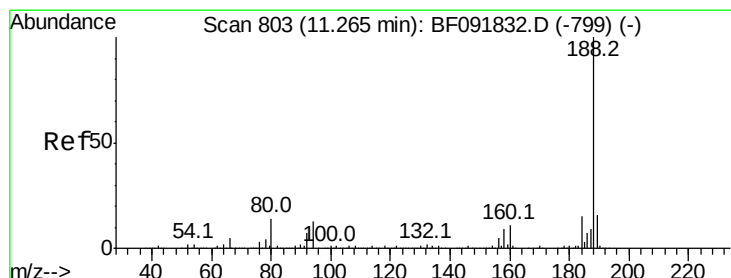
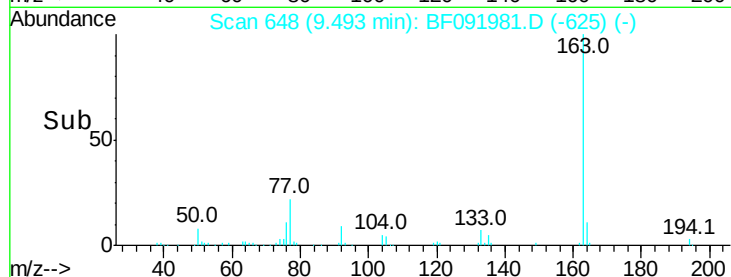
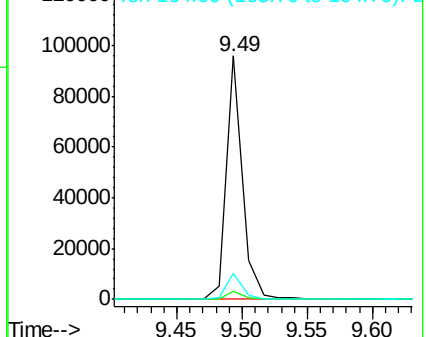
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091981.D

Acq: 27 Dec 2016 21:32

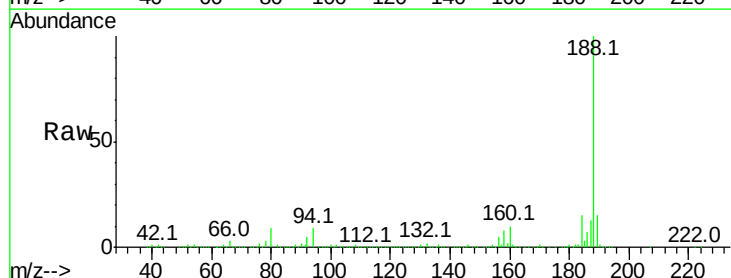
Tgt Ion:188 Resp: 766243

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

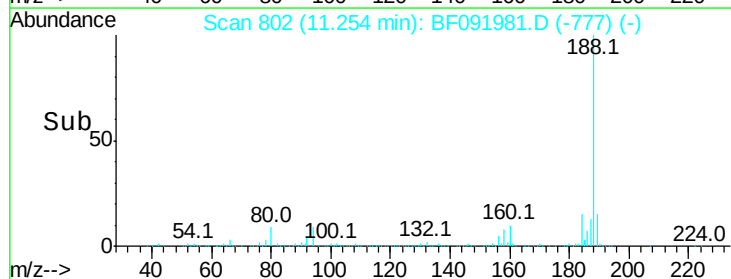
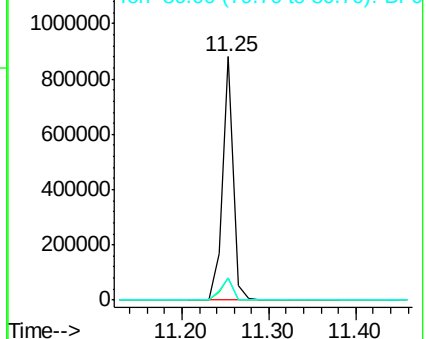
80 9.3 11.2 16.8#

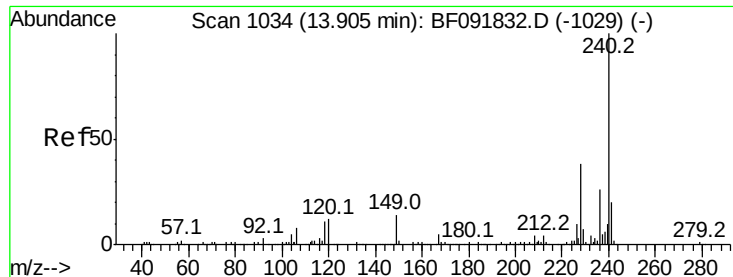


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091981.D

Acq: 27 Dec 2016 21:32

Instrument :

BNA_F

ClientSampleId :

PZ-4

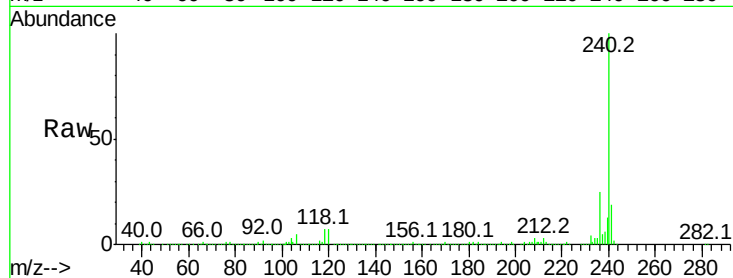
Tot Ion:240 Resp: 590135

Ion Ratio Lower Upper

240 100

120 7.4 12.9 19.3#

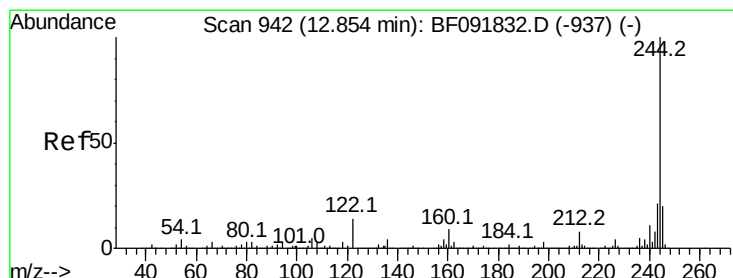
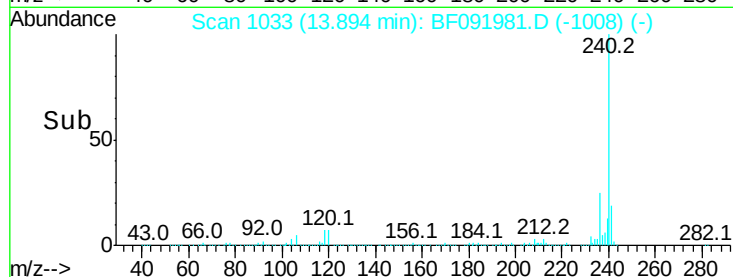
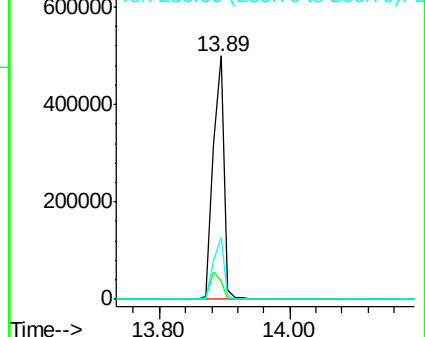
236 25.4 20.9 31.3



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: 87.24 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091981.D

Acq: 27 Dec 2016 21:32

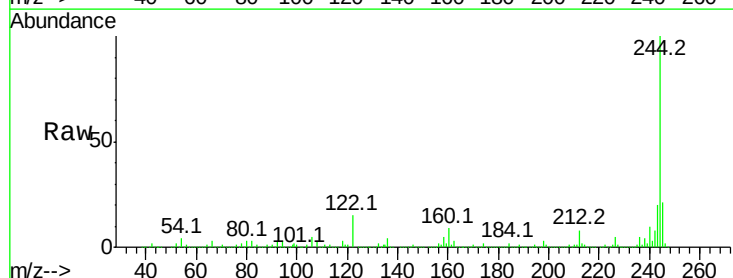
Tgt Ion:244 Resp: 2122752

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

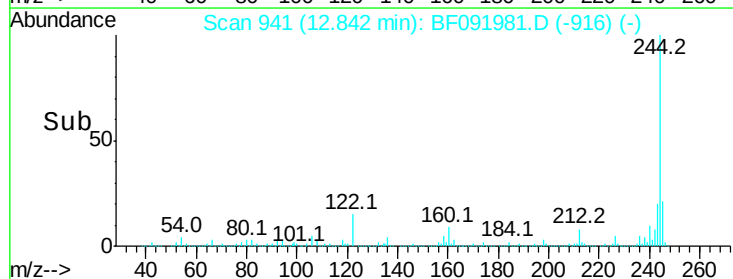
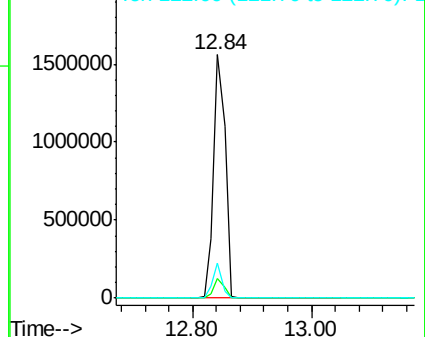
122 14.6 11.4 17.2

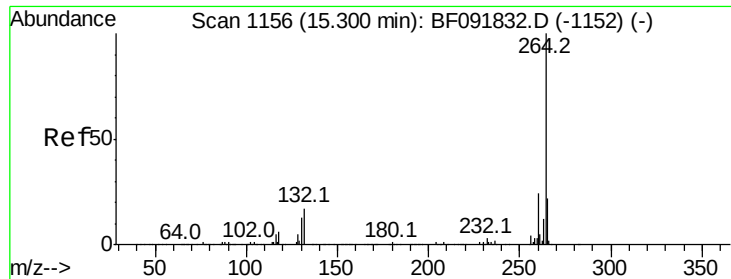


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091981.D
Acq: 27 Dec 2016 21:32

Instrument :
BNA_F
ClientSampleId :
PZ-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.4	26.0

