

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091946.D
 Acq On : 24 Dec 2016 2:52
 Operator : UM/SJ
 Sample : H6205-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Dec 24 03:36:34 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

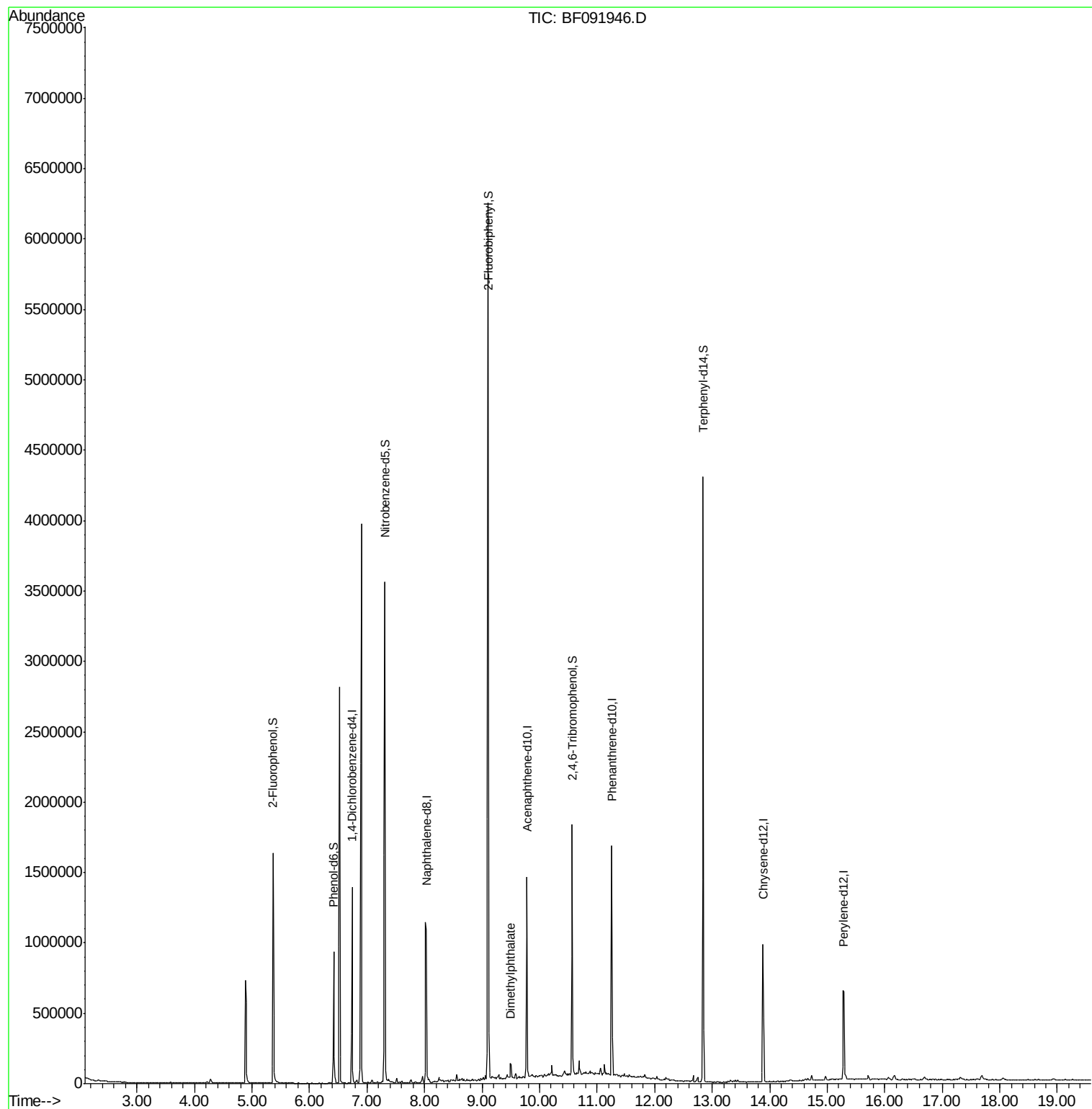
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	208384	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	811921	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	406800	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	578871	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	384118	20.00	ng	-0.02
86) Perylene-d12	15.29	264	374793	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	494591	39.63	ng	0.02
7) Phenol-d6	6.42	99	332987	21.85	ng	0.01
23) Nitrobenzene-d5	7.31	82	1354025	92.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	239562	71.16	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1920370	98.82	ng	-0.01
78) Terphenyl-d14	12.84	244	1361971	85.99	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.49	163	55176	2.12	ng	Qvalue 97

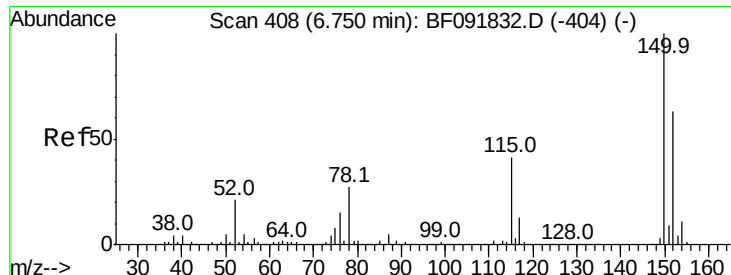
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampled :

W-19

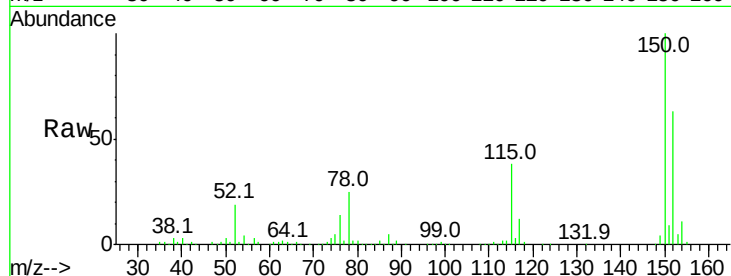
Tot Ion:152 Resp: 208384

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

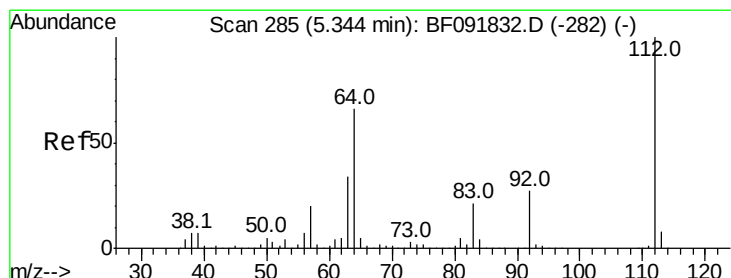
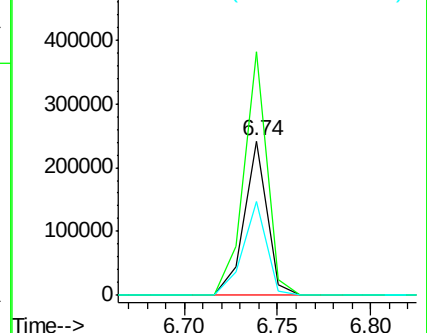
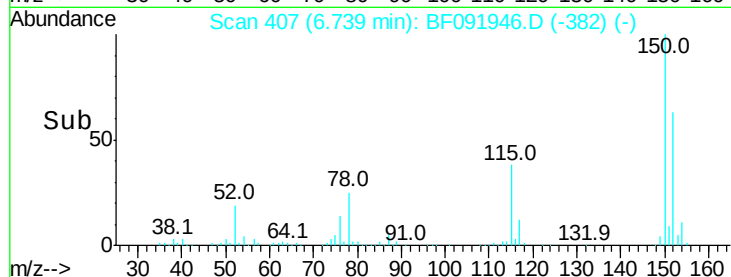
115 60.5 46.0 69.0



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: 39.63 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

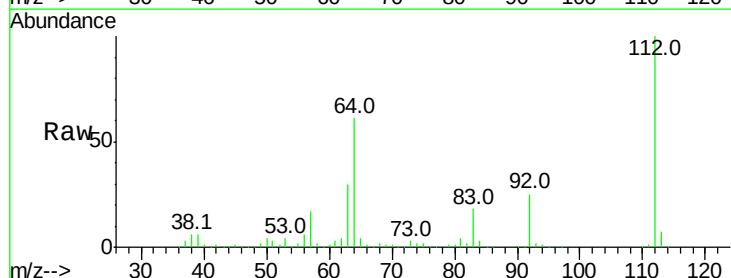
Tgt Ion:112 Resp: 494591

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

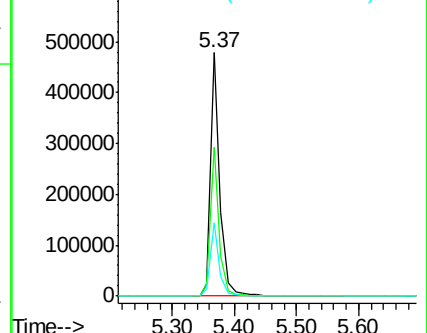
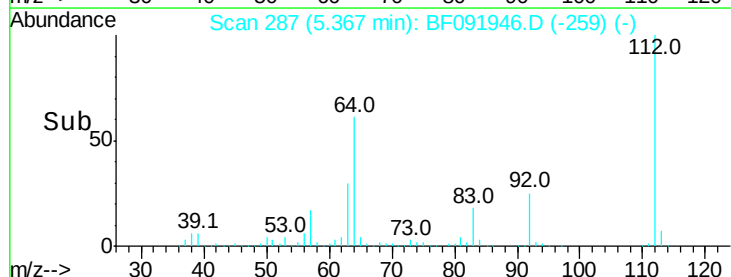
63 30.2 23.8 35.6

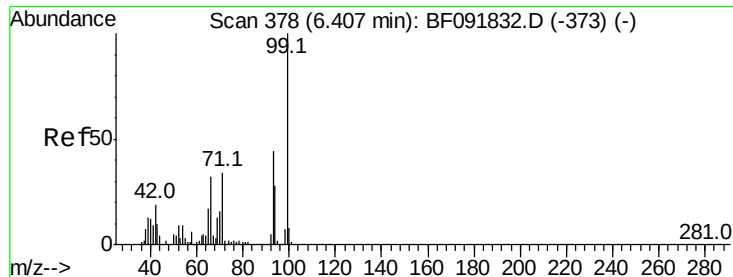


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.85 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

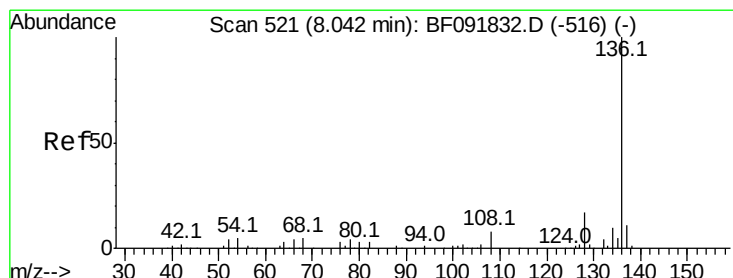
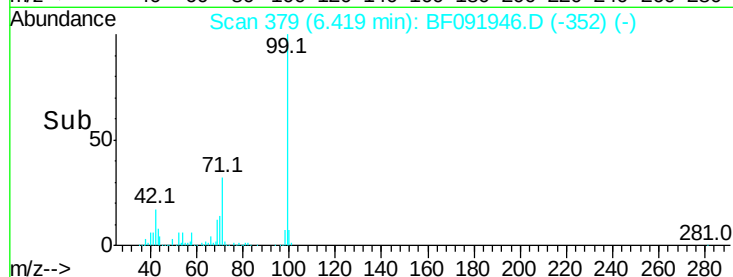
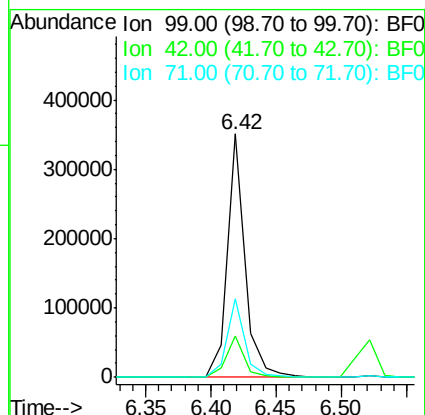
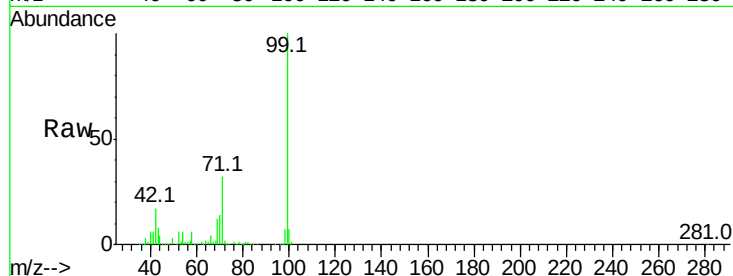
Tot Ion: 99 Resp: 332987

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

71 32.3 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: BF091946.D

Acq: 24 Dec 2016 2:52

Tgt Ion: 136 Resp: 811921

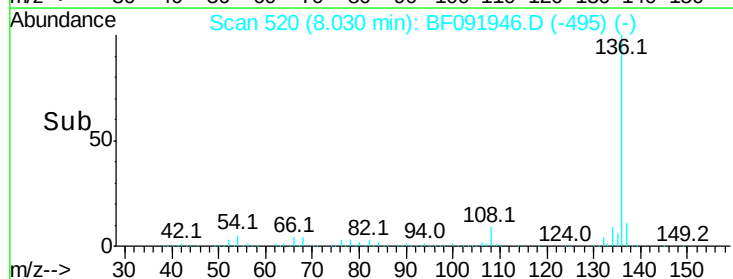
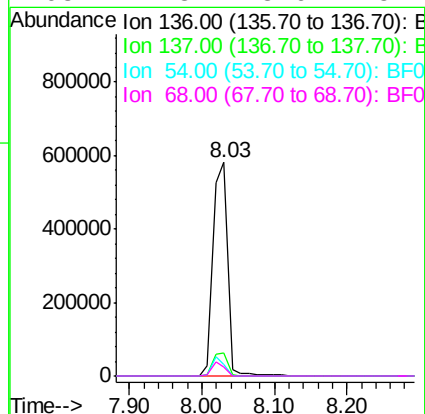
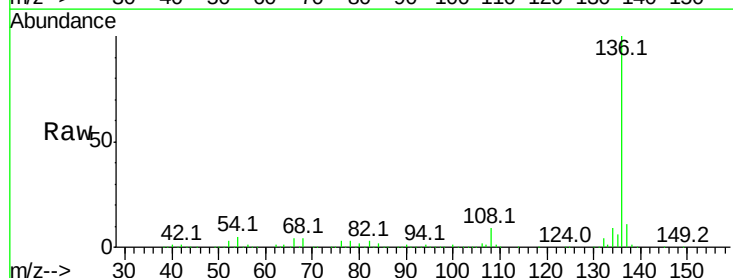
Ion Ratio Lower Upper

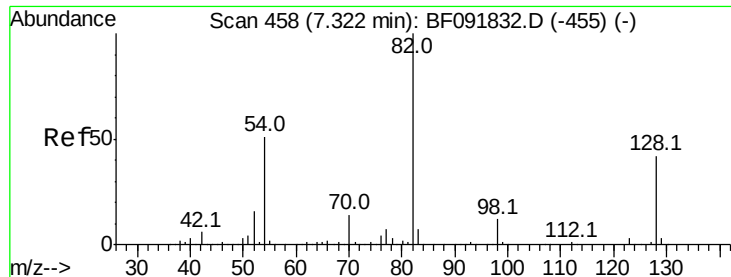
136 100

137 10.8 8.4 12.6

54 5.2 4.5 6.7

68 4.3 3.6 5.4



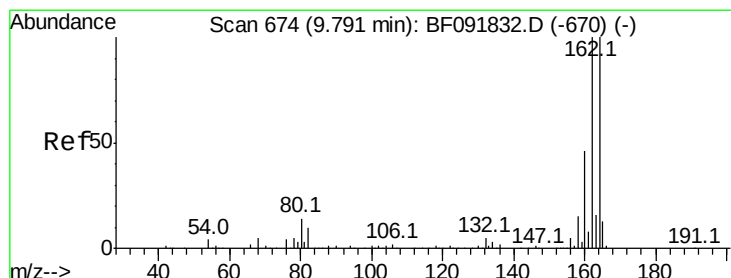
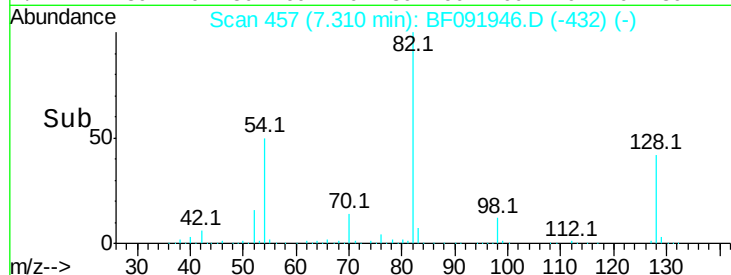
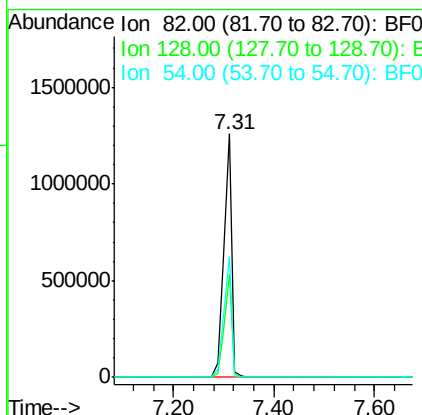
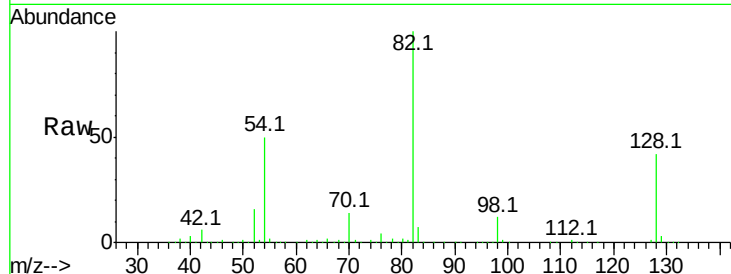


#23
 Nitrobenzene-d5
 Concen: 92.73 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion: 82 Resp: 1354025

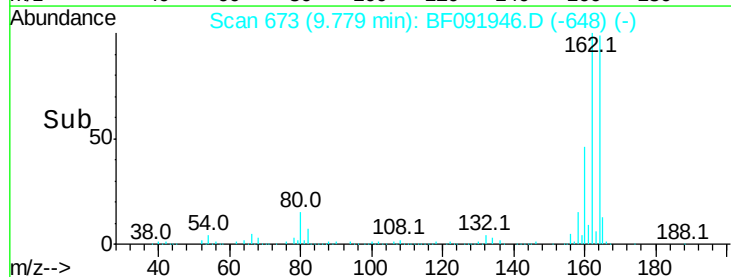
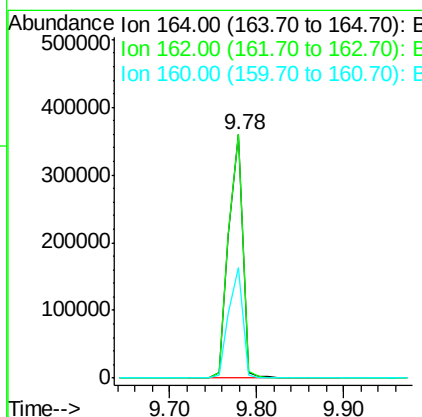
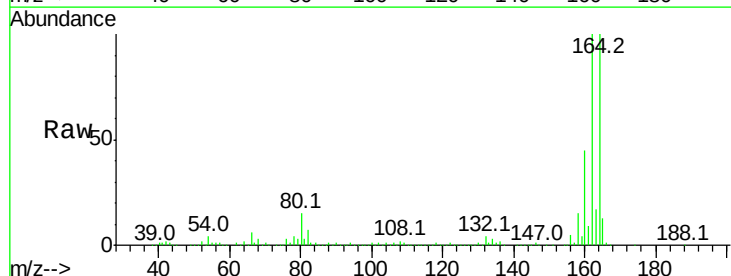
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	49.6	39.5	59.3

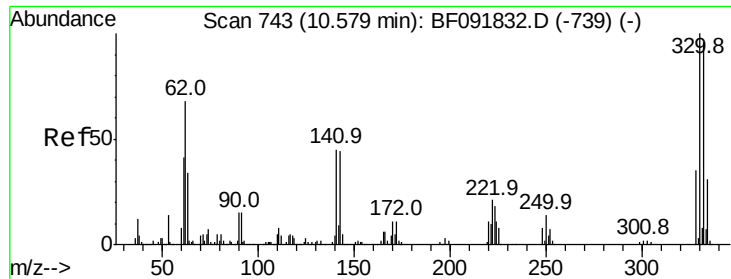


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

Tgt Ion:164 Resp: 406800

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	45.5	36.9	55.3

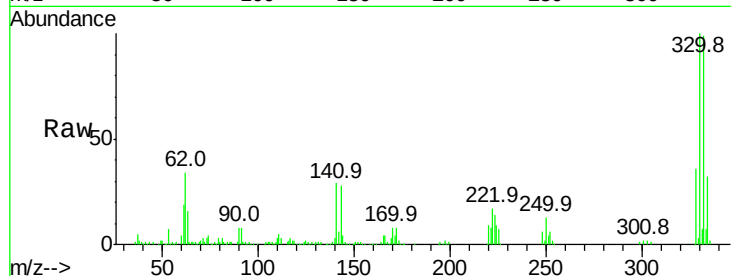




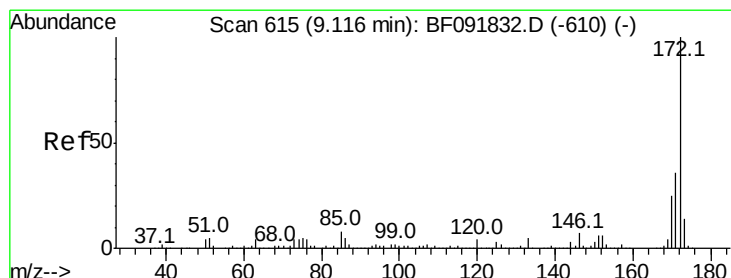
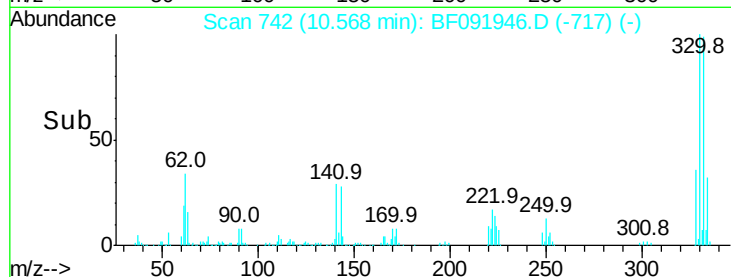
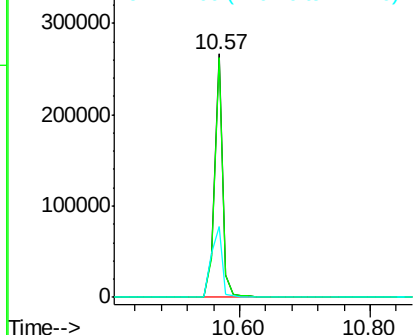
#41
 2,4,6-Tribromophenol
 Concen: 71.16 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	39.0	34.1	51.1

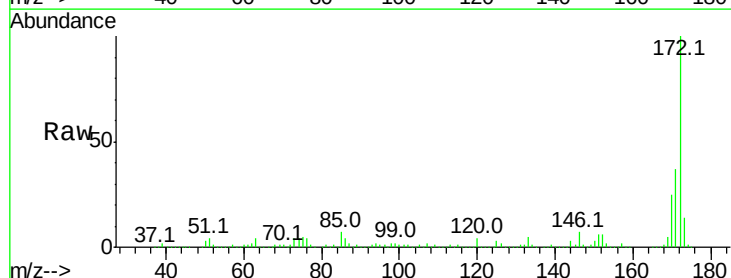


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

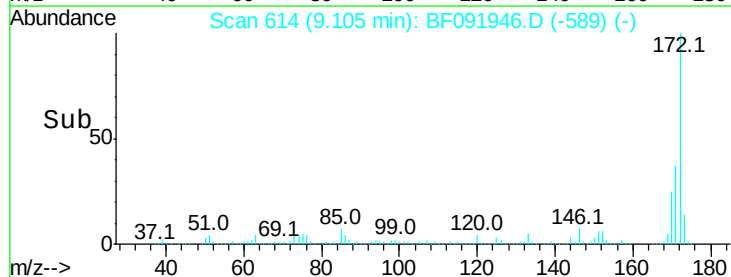
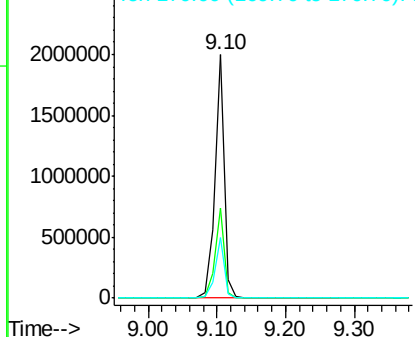


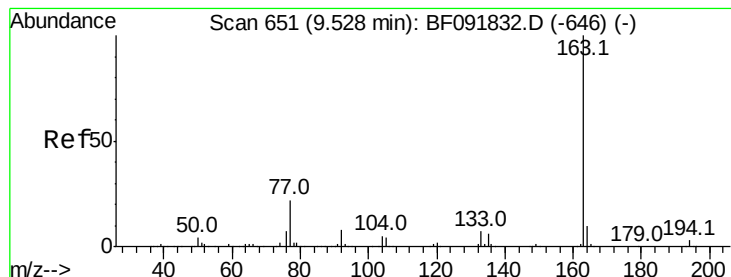
#44
 2-Fluorobiphenyl
 Concen: 98.82 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.0	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: 2.12 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

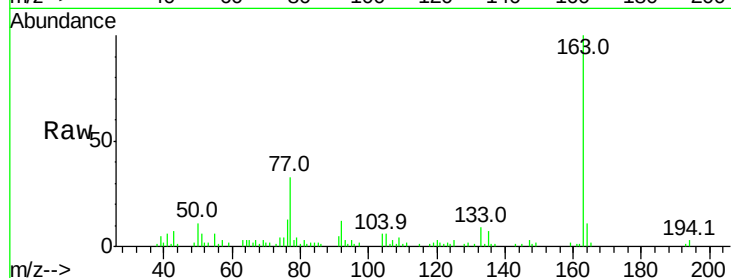
Tot Ion:163 Resp: 55176

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

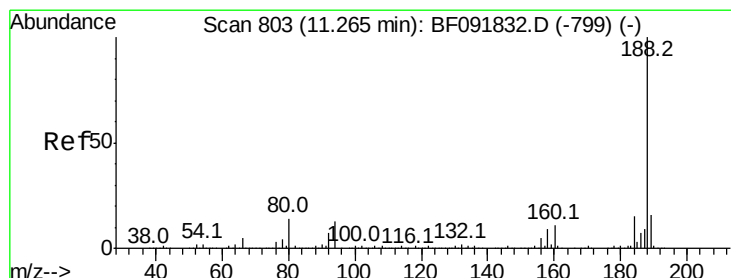
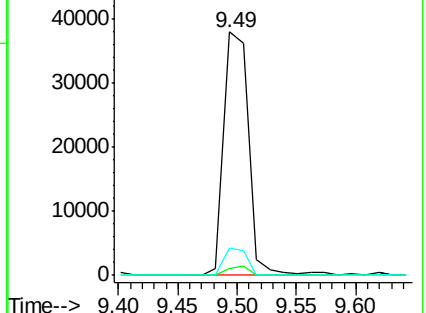
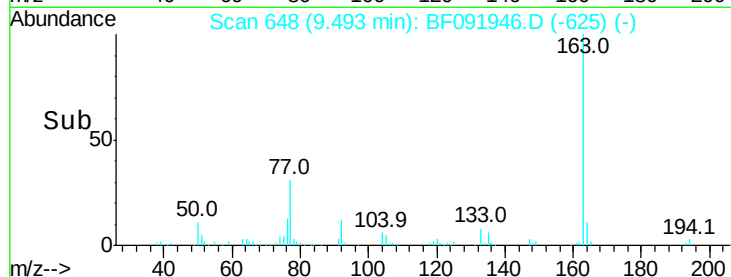
164 11.4 8.0 12.0



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: BF091946.D

Acq: 24 Dec 2016 2:52

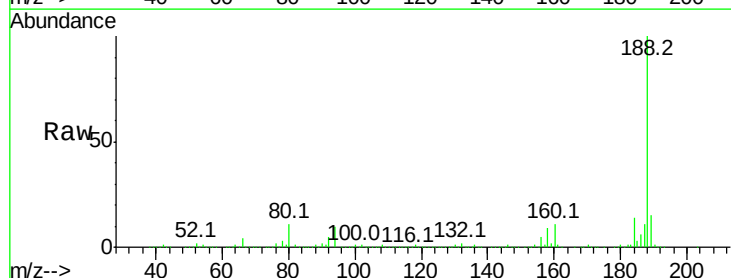
Tgt Ion:188 Resp: 578871

Ion Ratio Lower Upper

188 100

94 10.2 10.0 15.0

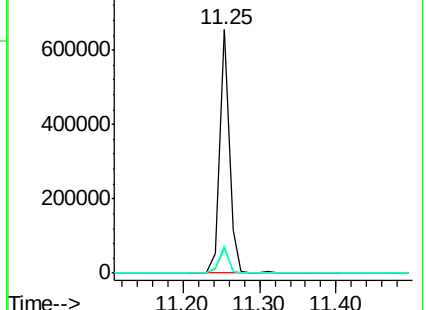
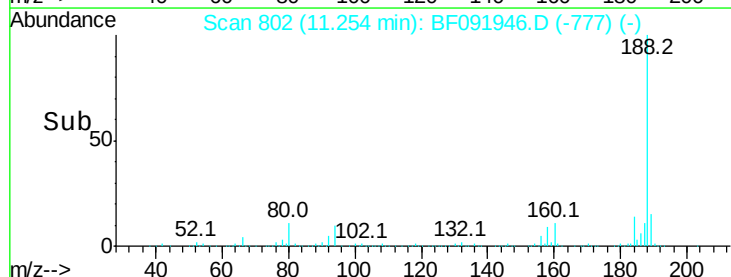
80 11.0 11.2 16.8#

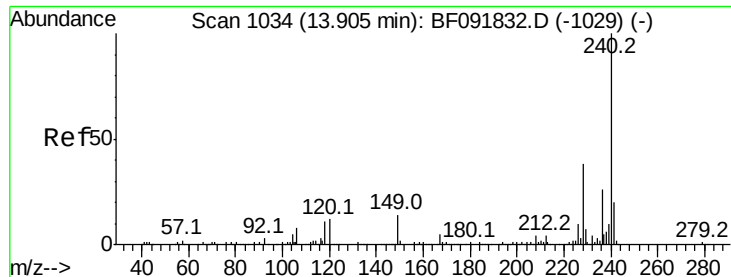


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

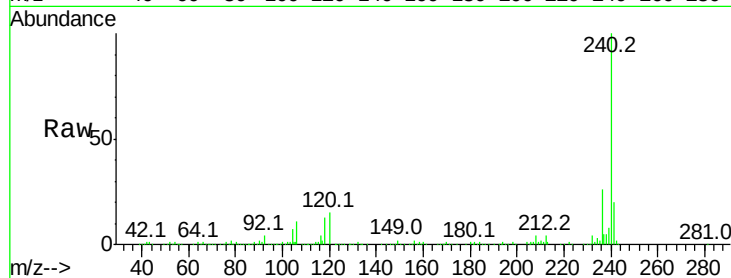
Tot Ion:240 Resp: 384118

Ion Ratio Lower Upper

240 100

120 15.0 12.9 19.3

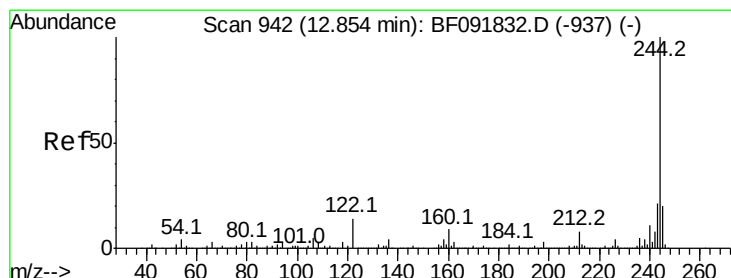
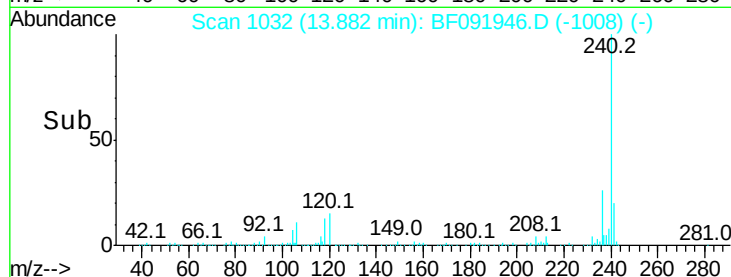
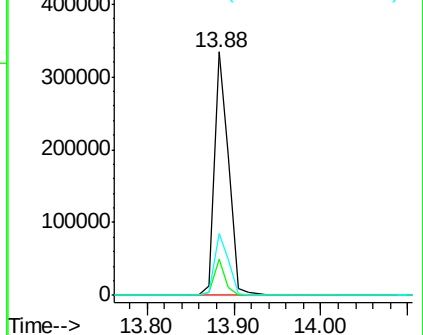
236 25.6 20.9 31.3



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: 85.99 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

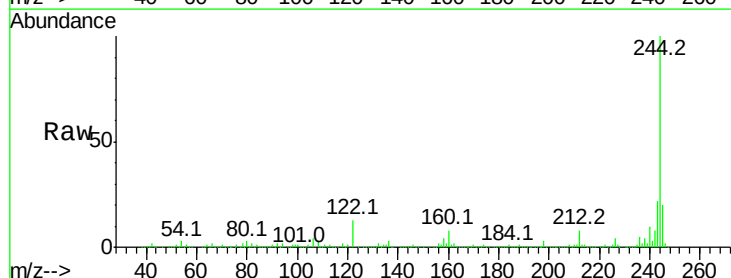
Tgt Ion:244 Resp: 1361971

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

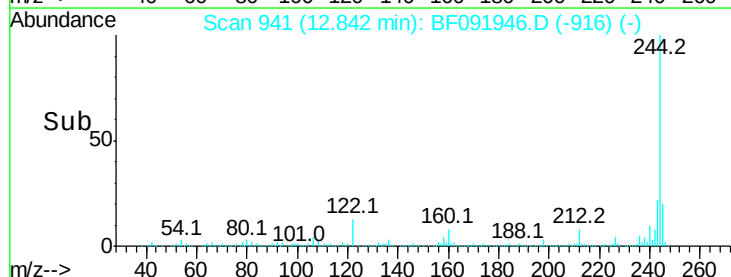
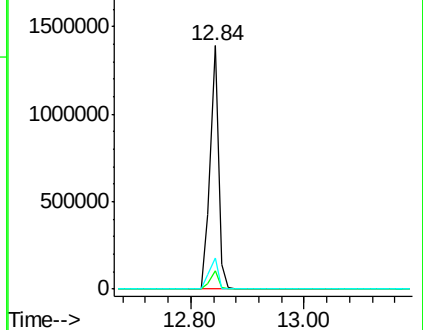
122 12.6 11.4 17.2

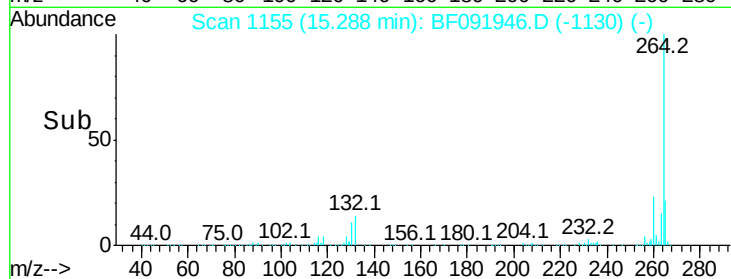
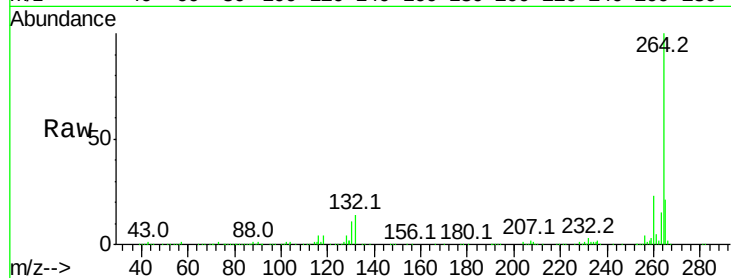
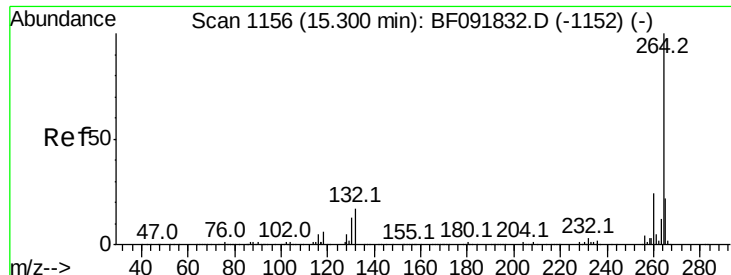


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

Tot Ion:264 Resp: 374793

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.9 17.4 26.0

