

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091792.D
 Acq On : 20 Dec 2016 00:04
 Operator : UM/SJ
 Sample : H6126-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: Dec 20 00:34:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

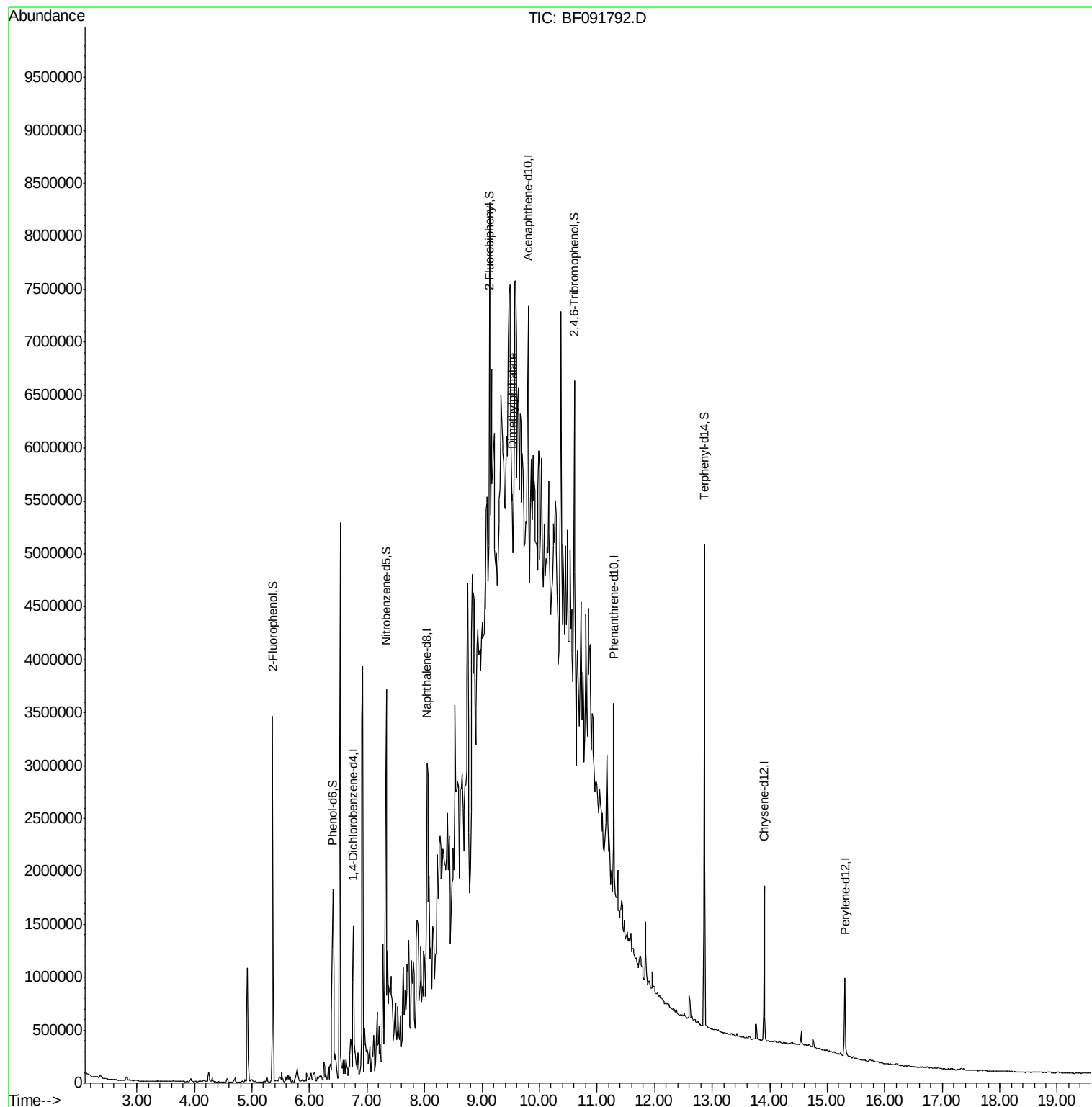
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	237376	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	822553	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	422089	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	645268	20.00	ng	0.00
75) Chrysene-d12	13.91	240	493587	20.00	ng	-0.02
86) Perylene-d12	15.31	264	432681	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1008436	71.17	ng	-0.01
7) Phenol-d6	6.41	99	889440	51.47	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1677791	117.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	425799	118.97	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1891773	90.04	ng	-0.01
78) Terphenyl-d14	12.87	244	1643684	84.08	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	182452	6.62	ng	Qvalue # 89

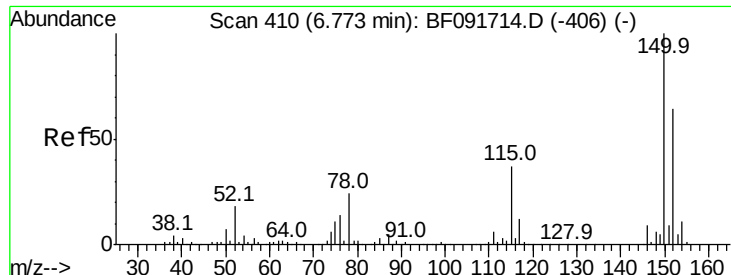
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-29

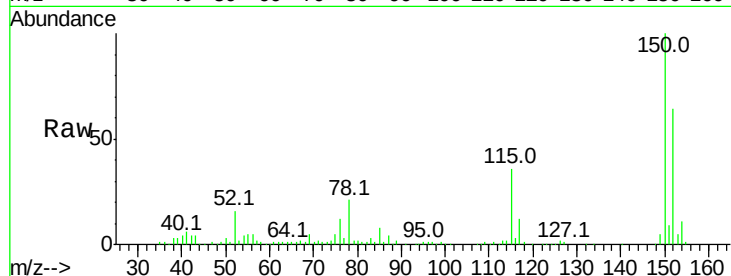
Tot Ion:152 Resp: 237376

Ion Ratio Lower Upper

152 100

150 155.1 124.9 187.3

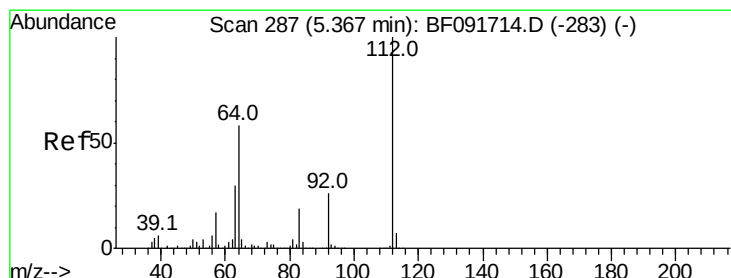
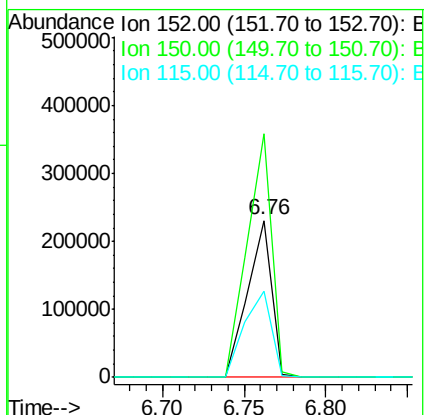
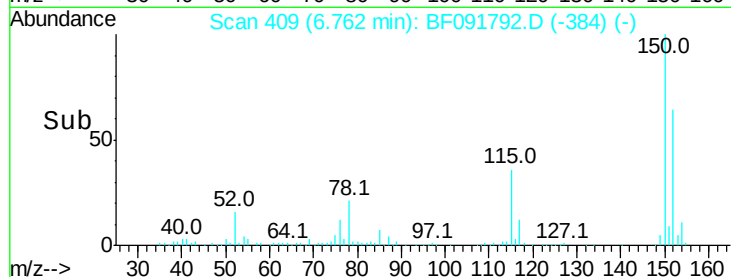
115 55.3 46.0 69.0



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: 71.17 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

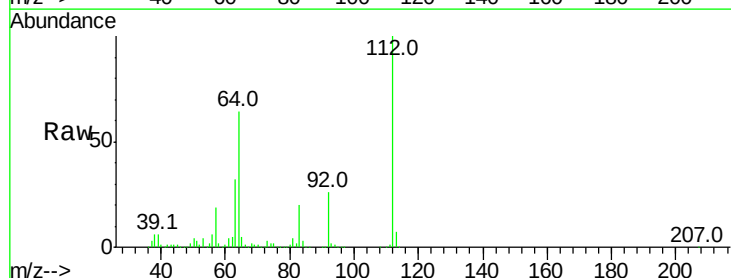
Tgt Ion:112 Resp: 1008436

Ion Ratio Lower Upper

112 100

64 63.7 46.1 69.1

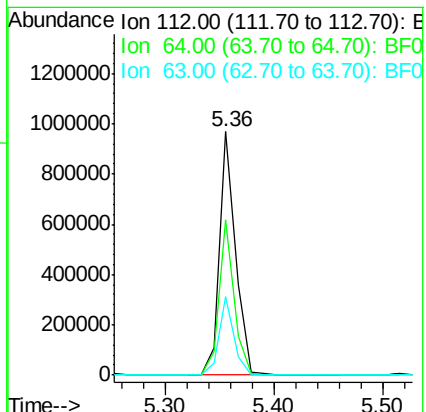
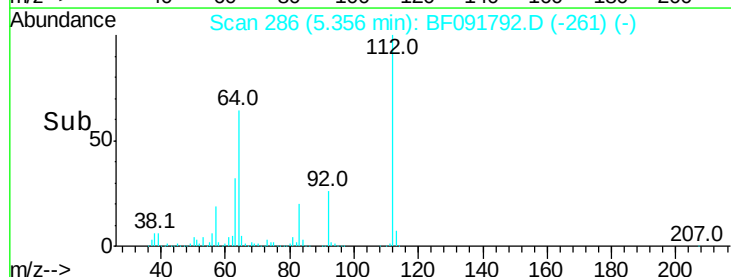
63 32.2 23.8 35.6

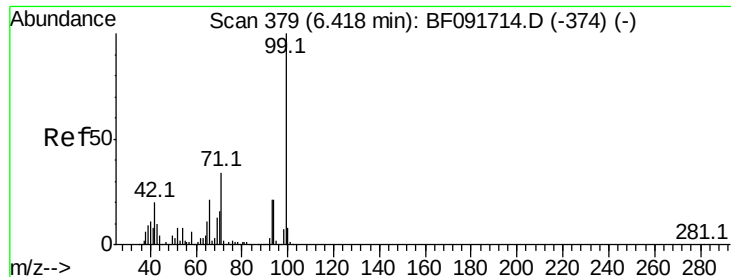


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.47 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-29

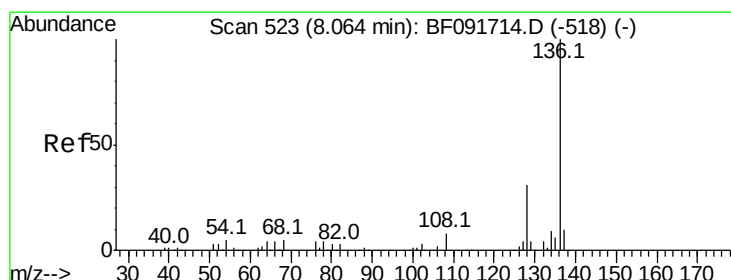
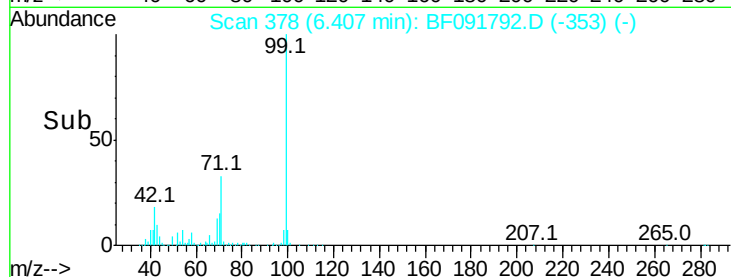
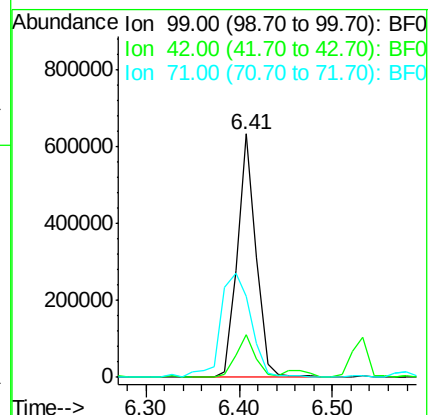
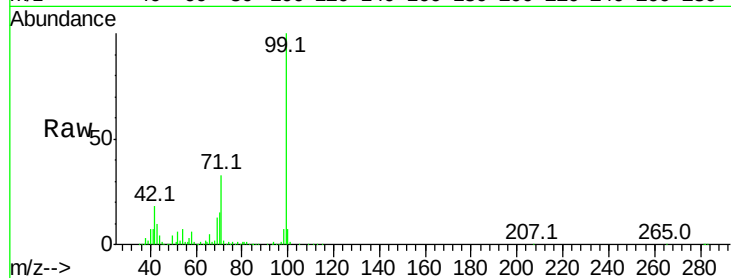
Tot Ion: 99 Resp: 889440

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

71 33.2 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

Tgt Ion: 136 Resp: 822553

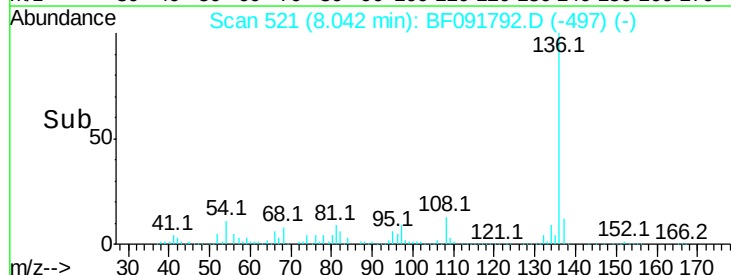
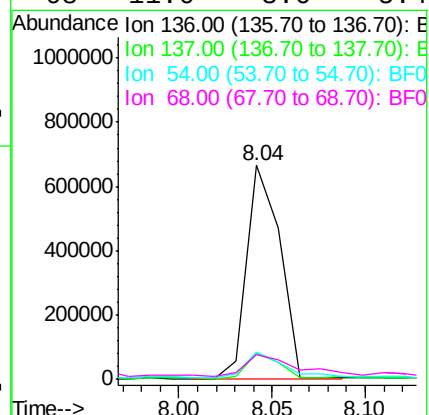
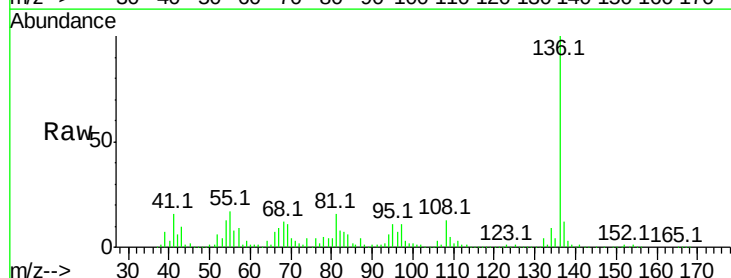
Ion Ratio Lower Upper

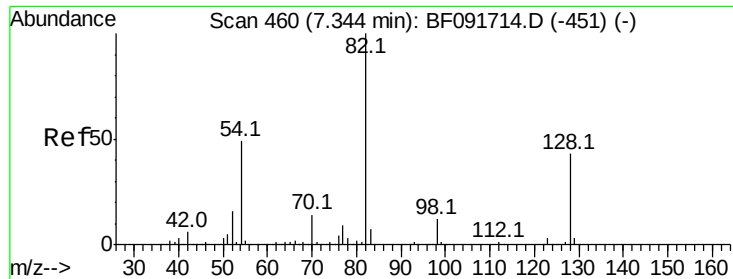
136 100

137 11.8 8.4 12.6

54 12.8 4.5 6.7#

68 11.6 3.6 5.4#



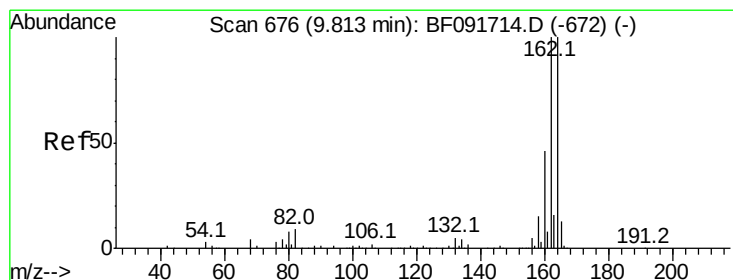
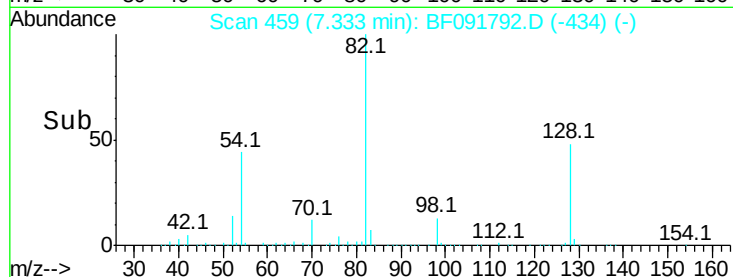
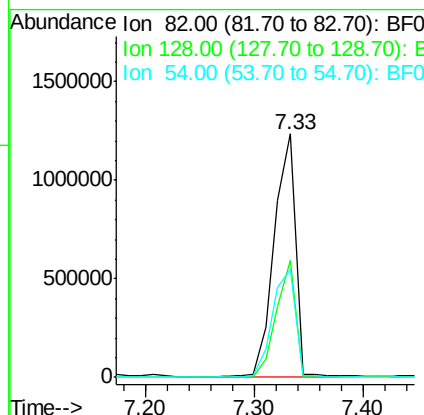
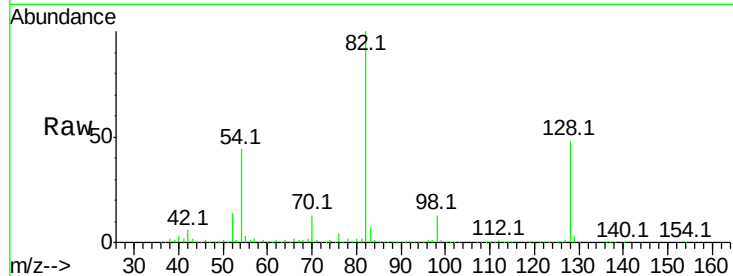


#23
 Nitrobenzene-d5
 Concen: 117.63 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091792.D
 Acq: 20 Dec 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Tot Ion: 82 Resp: 1677791

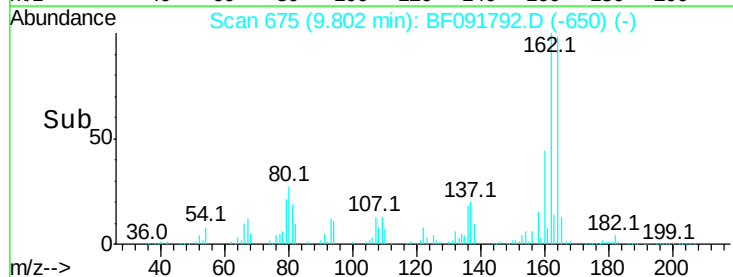
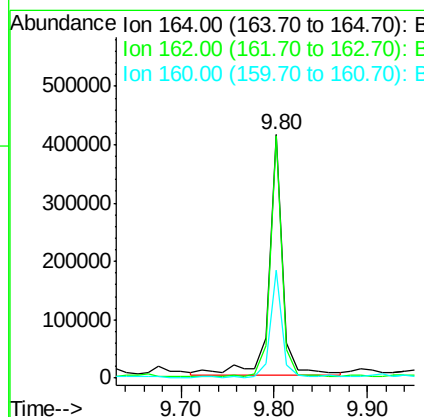
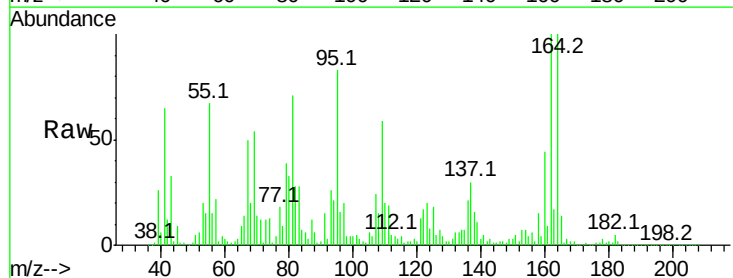
Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.6	52.0
54	44.5	39.5	59.3

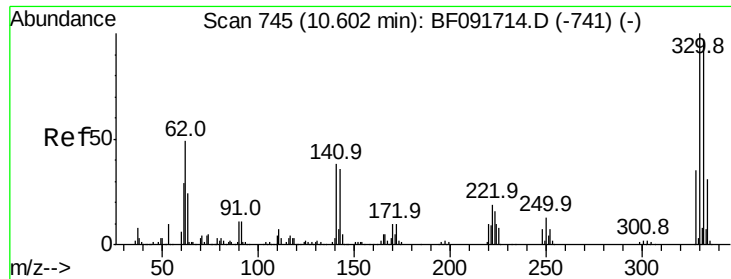


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091792.D
 Acq: 20 Dec 2016 00:04

Tgt Ion: 164 Resp: 422089

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	44.2	36.9	55.3

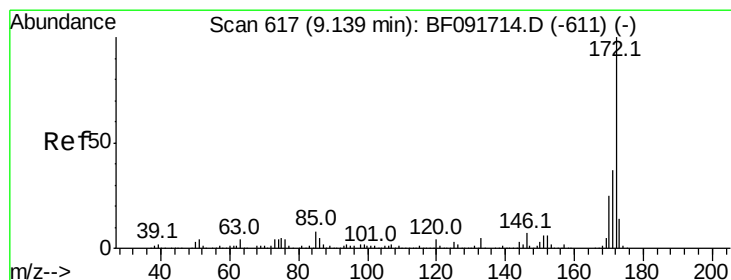
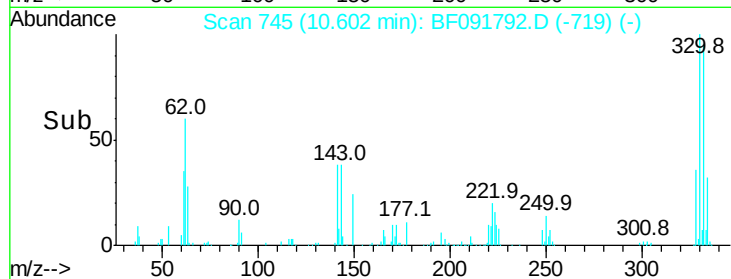
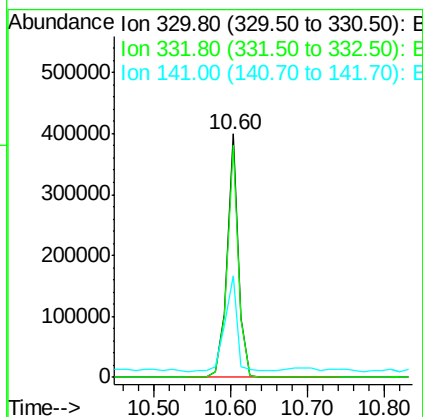
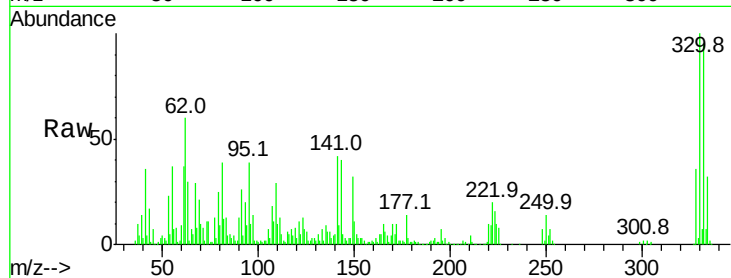




#41
 2,4,6-Tribromophenol
 Concen: 118.97 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091792.D
 Acq: 20 Dec 2016 00:04

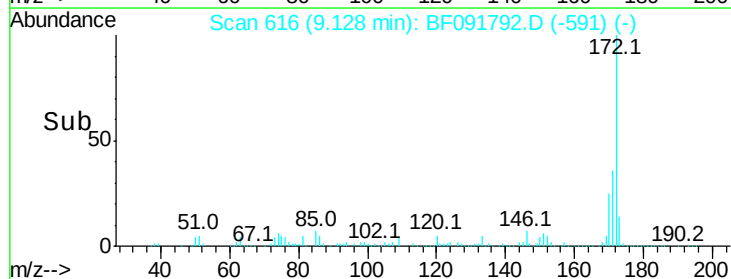
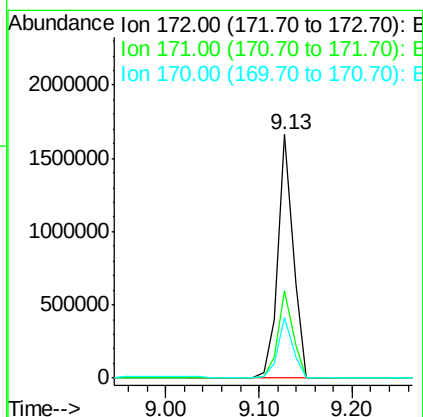
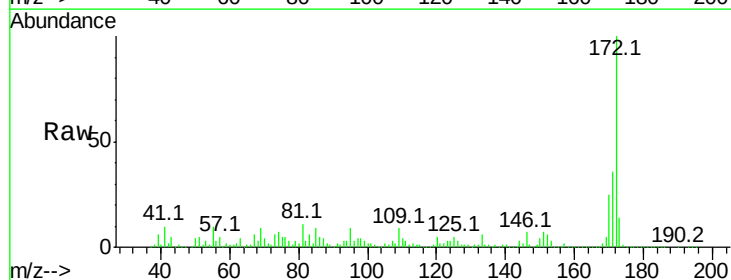
Instrument :
 BNA_F
 ClientSampleId :
 MW-29

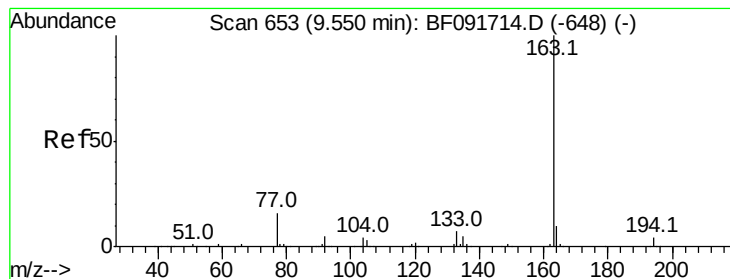
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	41.7	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091792.D
 Acq: 20 Dec 2016 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	25.1	20.2	30.4





#49

Dimethylphthalate

Concen: 6.62 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-29

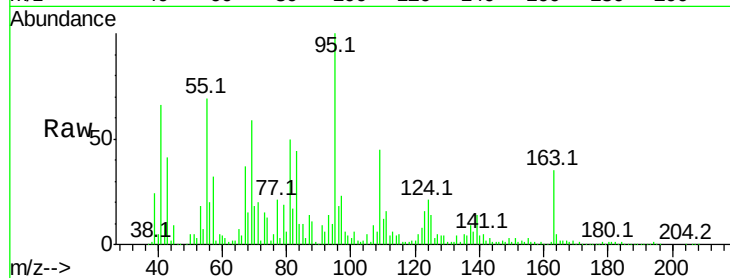
Tot Ion:163 Resp: 182452

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

164 15.4 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

200000

150000

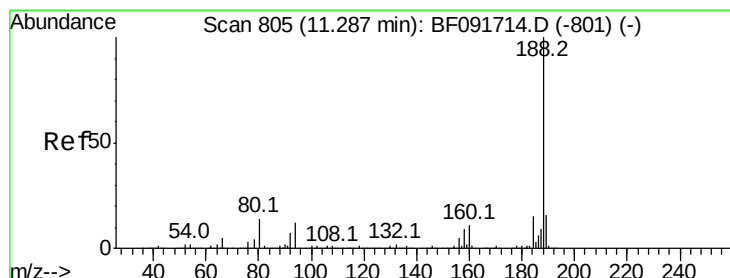
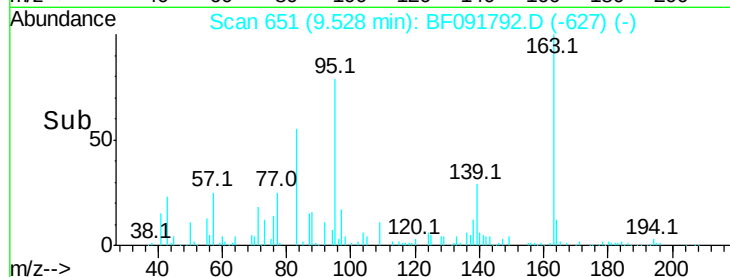
100000

50000

0

9.53

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

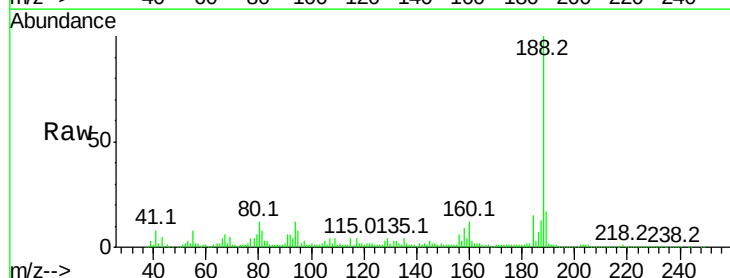
Tgt Ion:188 Resp: 645268

Ion Ratio Lower Upper

188 100

94 11.6 10.0 15.0

80 12.0 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

1000000

800000

600000

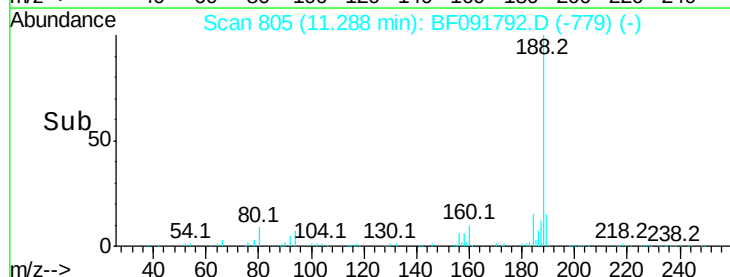
400000

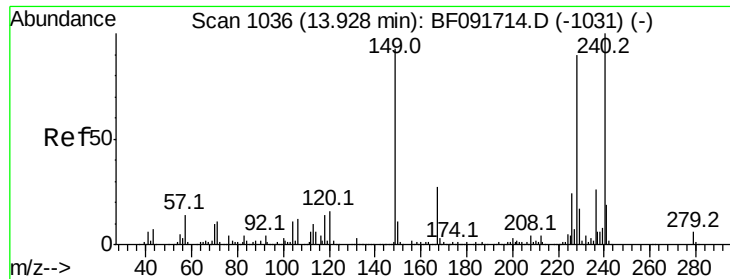
200000

0

11.29

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-29

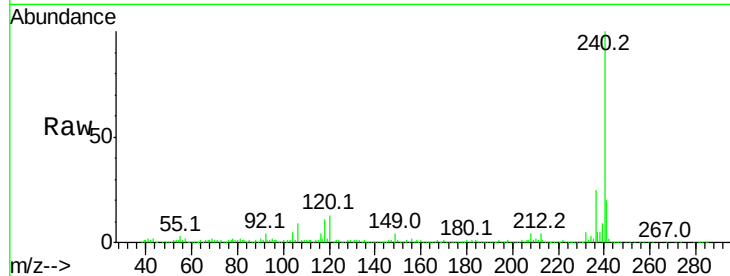
Tot Ion:240 Resp: 493587

Ion Ratio Lower Upper

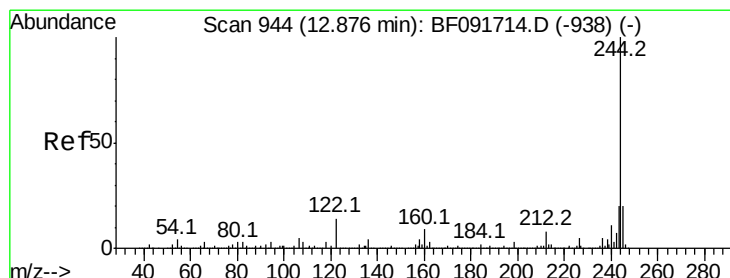
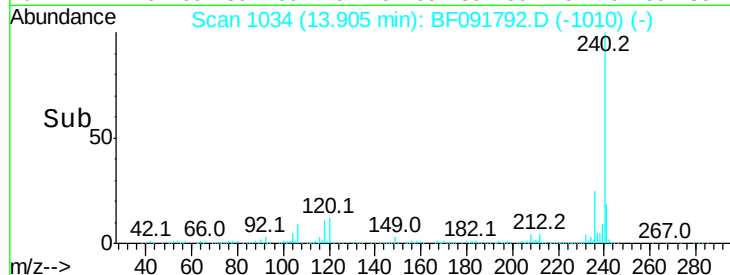
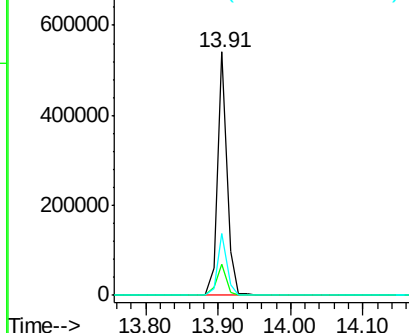
240 100

120 12.5 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: 84.08 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

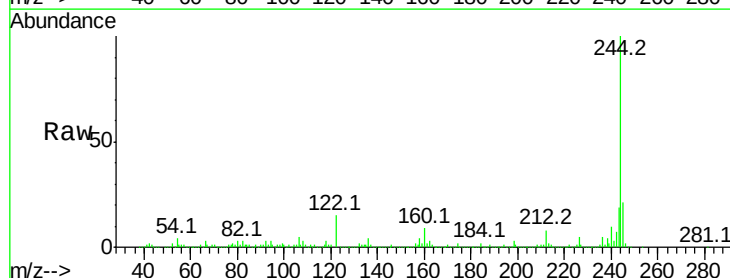
Tgt Ion:244 Resp: 1643684

Ion Ratio Lower Upper

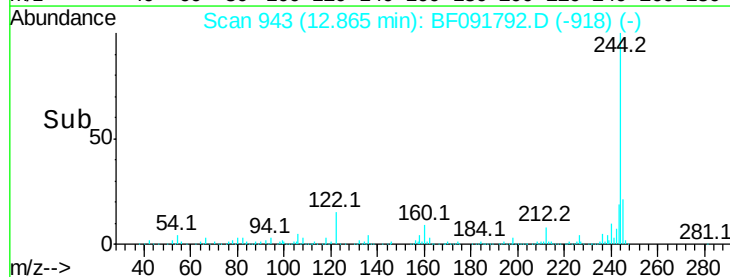
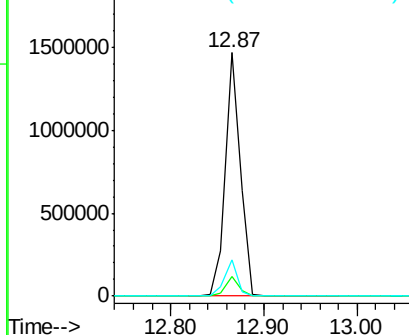
244 100

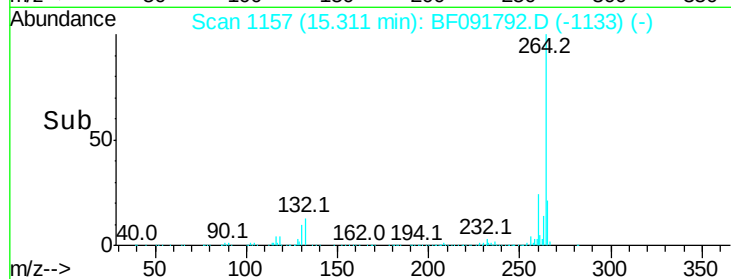
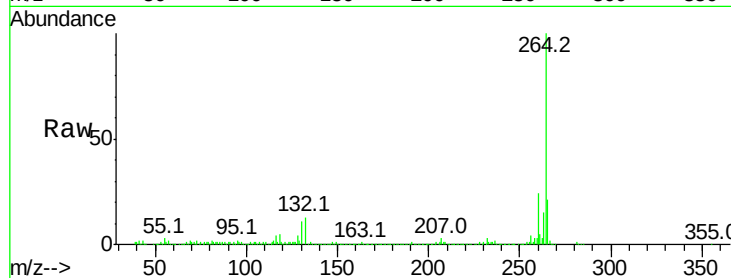
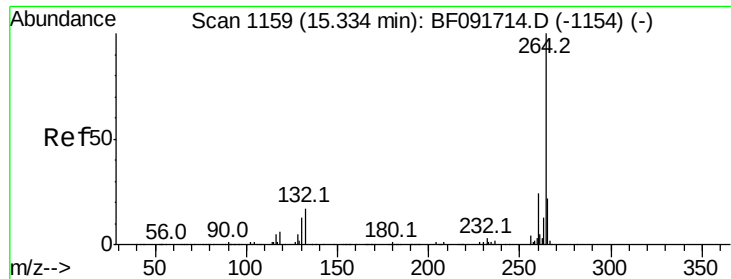
212 7.9 6.2 9.2

122 15.1 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: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF091792.D

Acq: 20 Dec 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-29

Tot Ion: 264 Resp: 432681

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.8 17.4 26.0

