

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092032.D
 Acq On : 29 Dec 2016 19:02
 Operator : UM/SJ
 Sample : H6301-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Dec 30 00:11:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

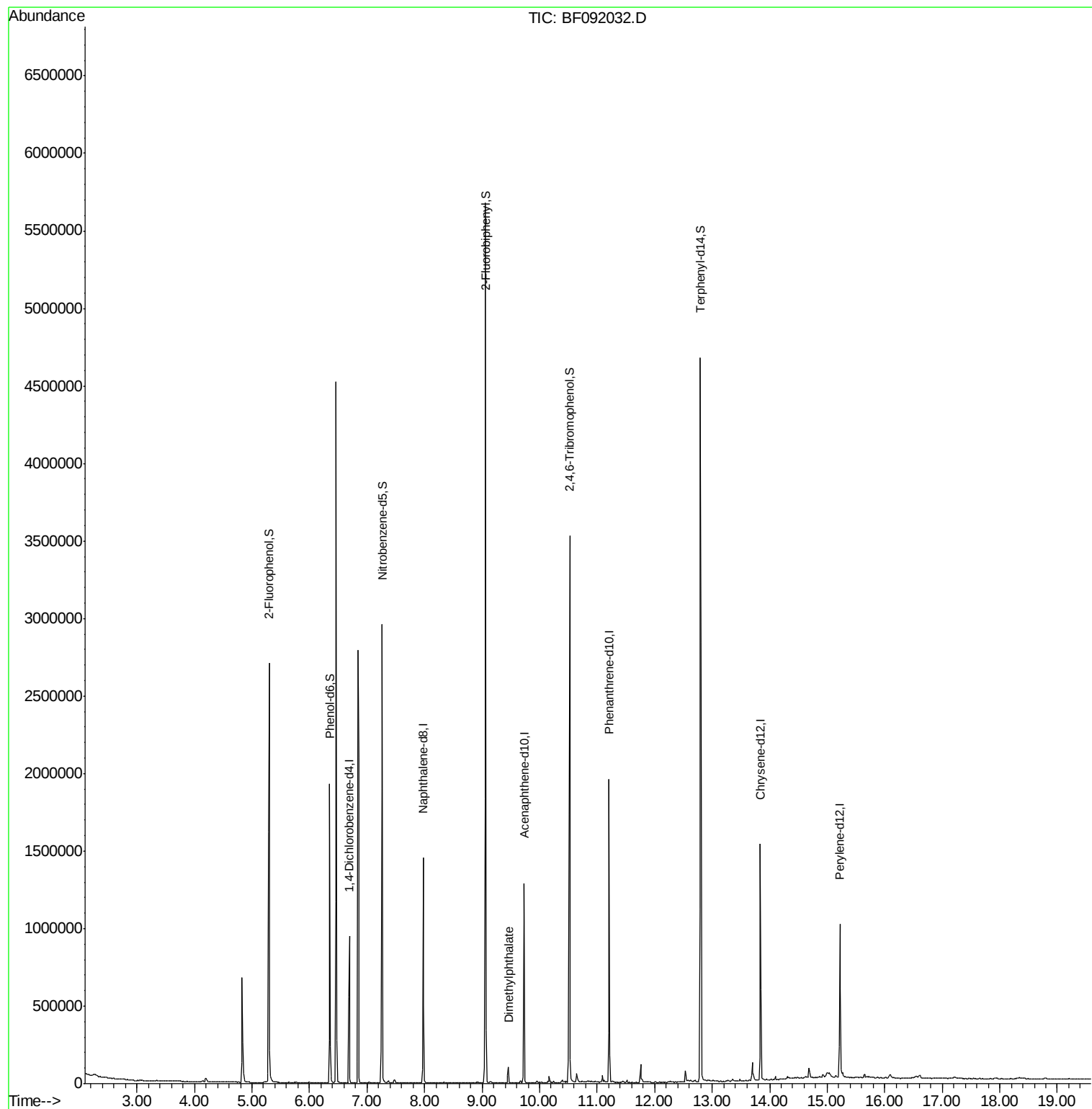
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	177067	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	714160	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	395745	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	670908	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	567512	20.00	ng	-0.03
86) Perylene-d12	15.22	264	468197	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	945509	89.16	ng	-0.02
7) Phenol-d6	6.35	99	616973	47.65	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1254995	97.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	439365	134.15	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1783641	93.66	ng	-0.02
78) Terphenyl-d14	12.80	244	2015737	86.14	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.46	163	50787	2.01	ng	Qvalue 99

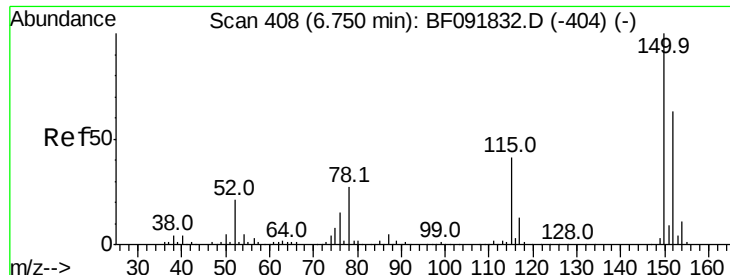
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

MW-28

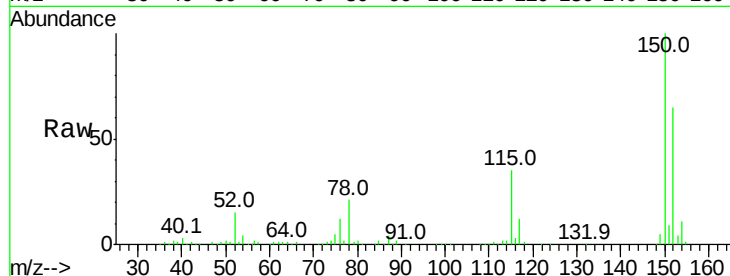
Tot Ion:152 Resp: 177067

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

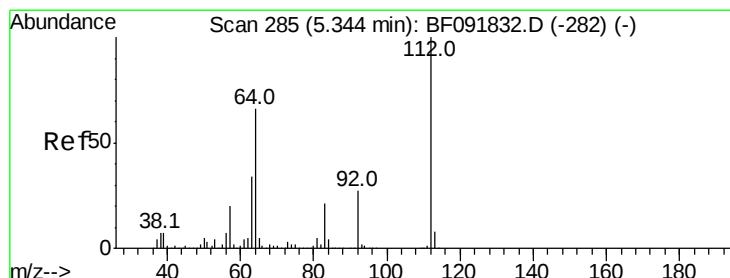
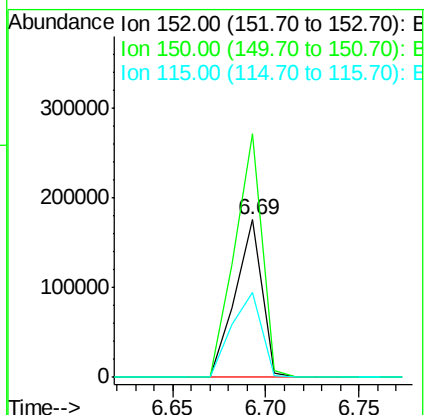
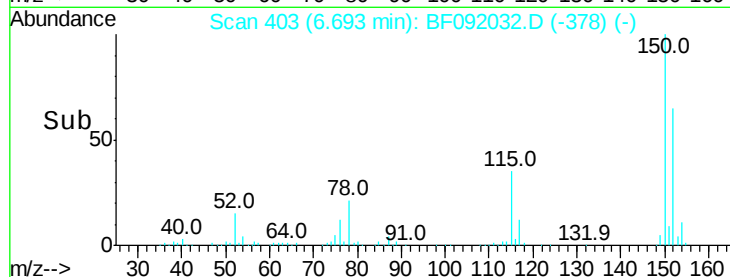
115 54.3 46.0 69.0



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: 89.16 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

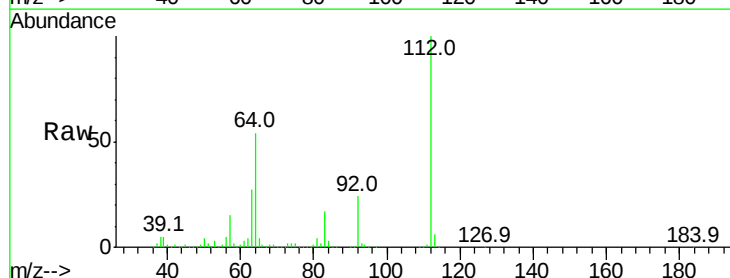
Tgt Ion:112 Resp: 945509

Ion Ratio Lower Upper

112 100

64 53.5 46.1 69.1

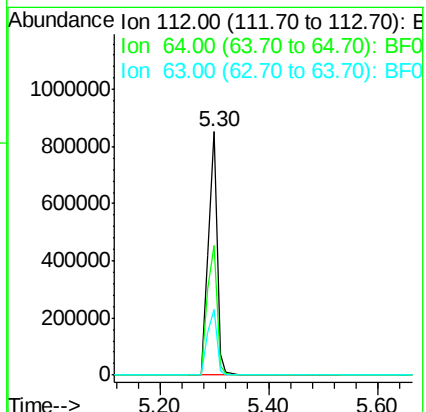
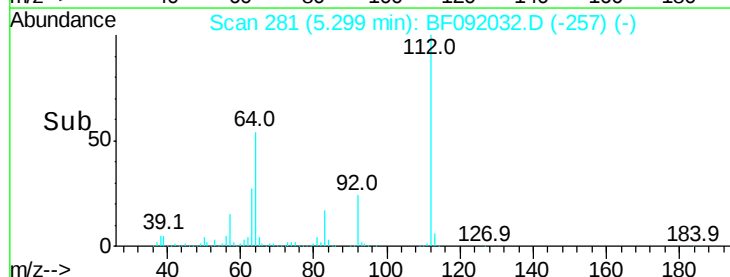
63 26.8 23.8 35.6

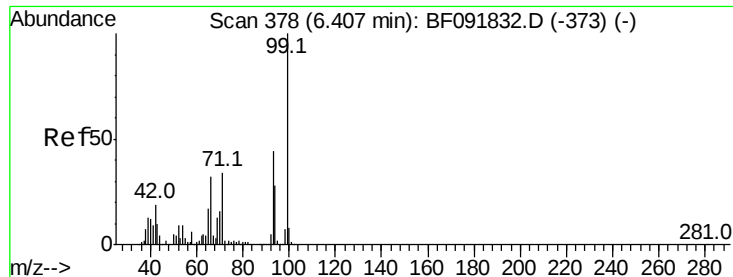


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.65 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

MW-28

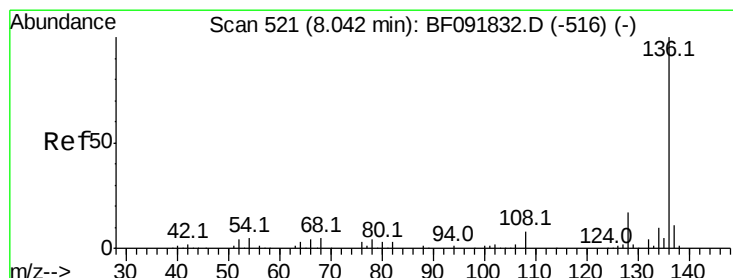
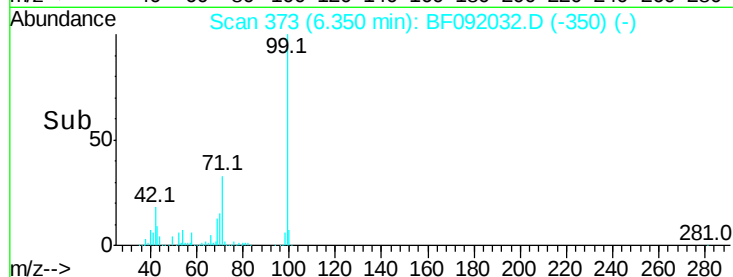
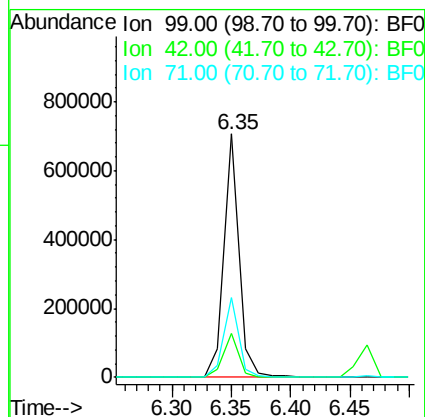
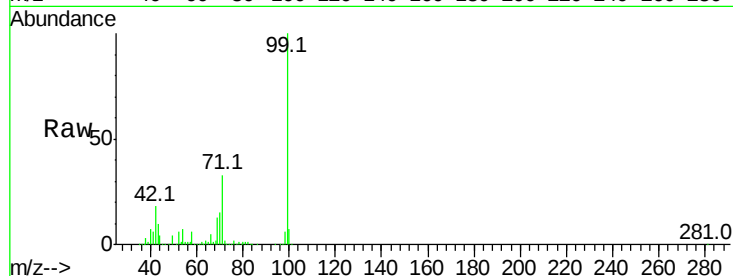
Tot Ion: 99 Resp: 616973

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

71 32.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

Tgt Ion: 136 Resp: 714160

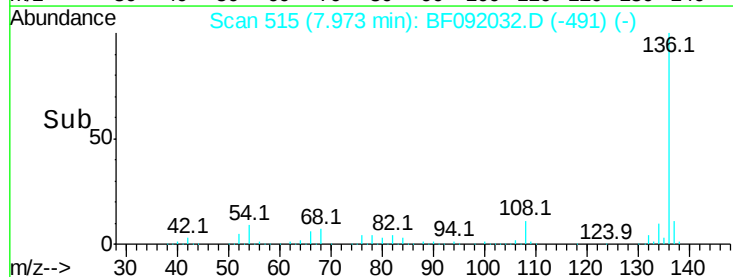
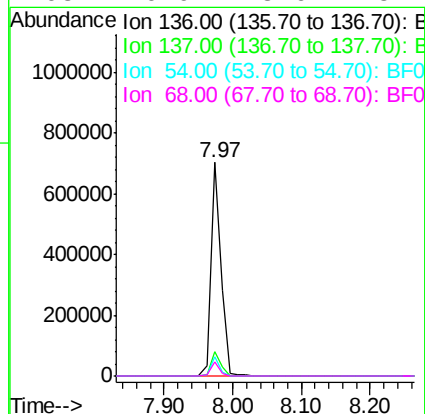
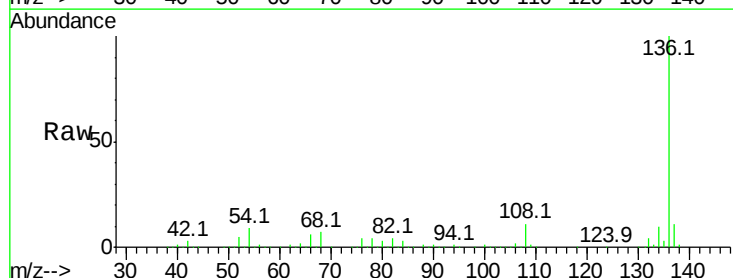
Ion Ratio Lower Upper

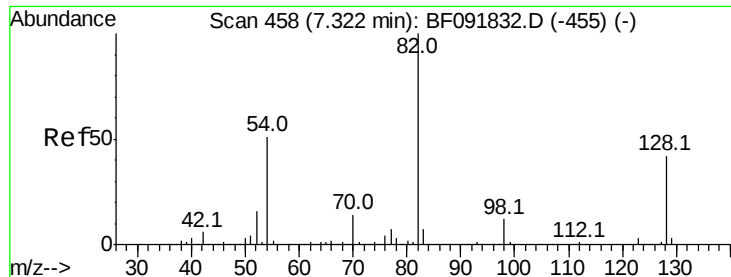
136 100

137 11.3 8.4 12.6

54 9.1 4.5 6.7#

68 6.9 3.6 5.4#



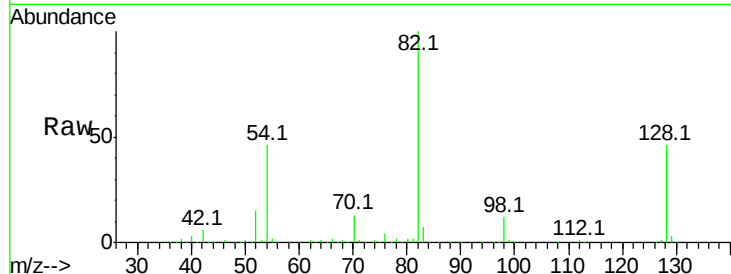


#23
 Nitrobenzene-d5
 Concen: 97.72 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092032.D
 Acq: 29 Dec 2016 19:02

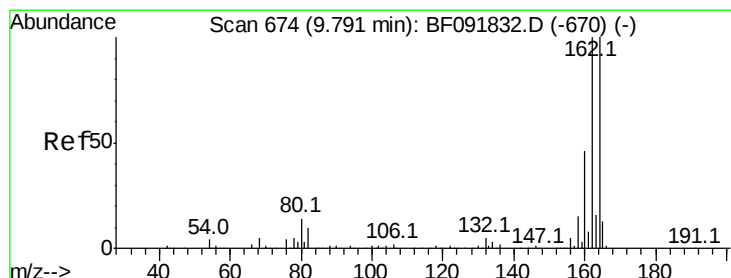
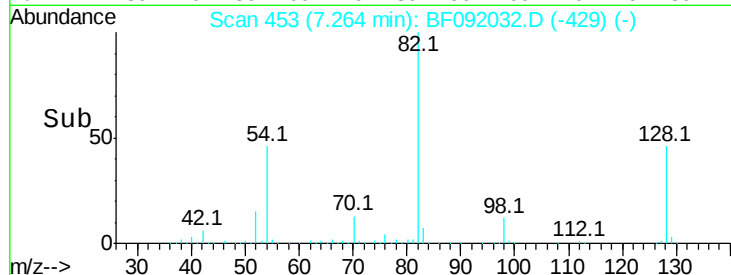
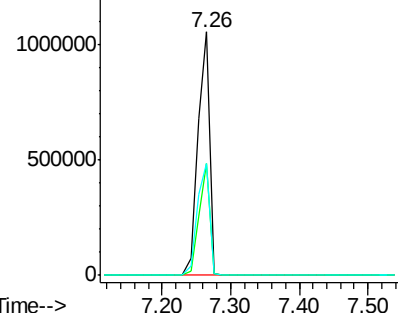
Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion: 82 Resp: 1254995

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	52.0
54	46.1	39.5	59.3



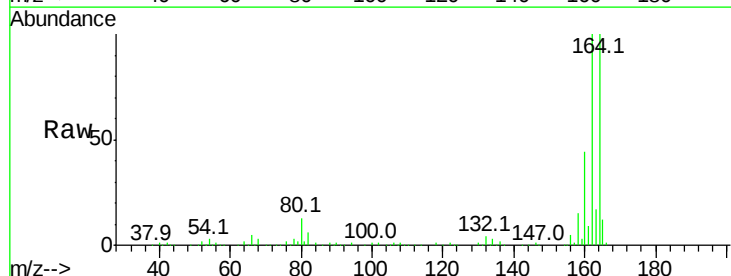
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



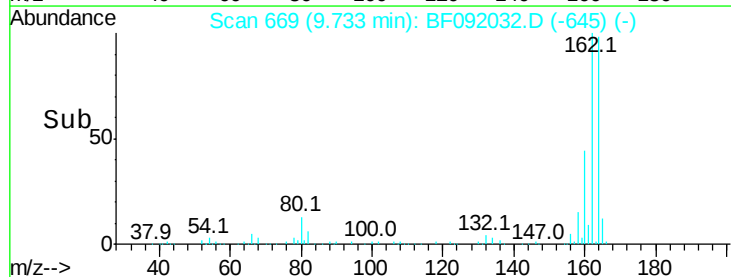
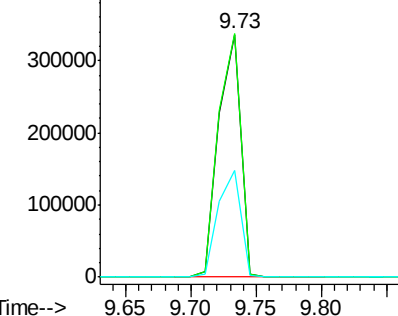
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092032.D
 Acq: 29 Dec 2016 19:02

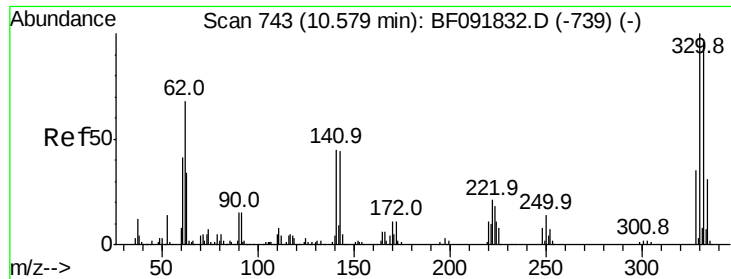
Tgt Ion:164 Resp: 395745

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	44.2	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

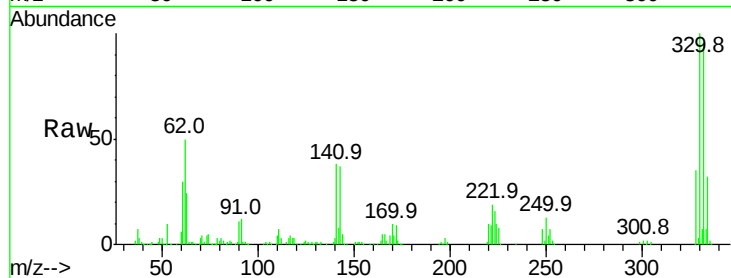




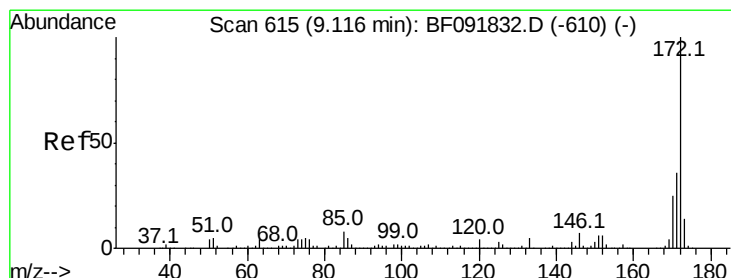
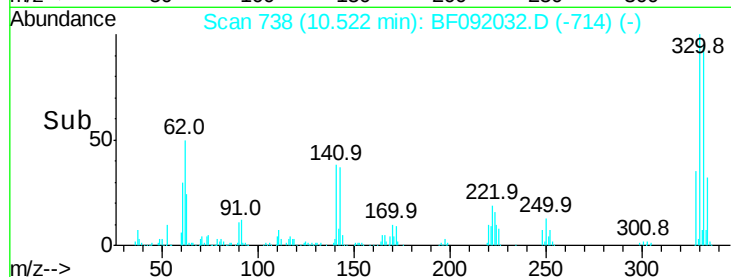
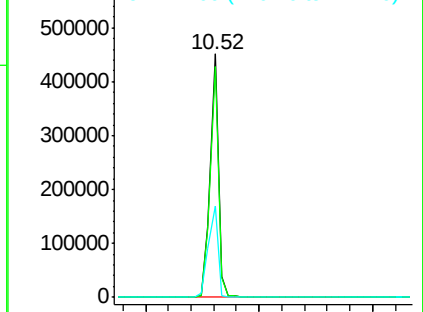
#41
 2,4,6-Tribromophenol
 Concen: 134.15 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092032.D
 Acq: 29 Dec 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion:330 Resp: 439365
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 42.9 34.1 51.1

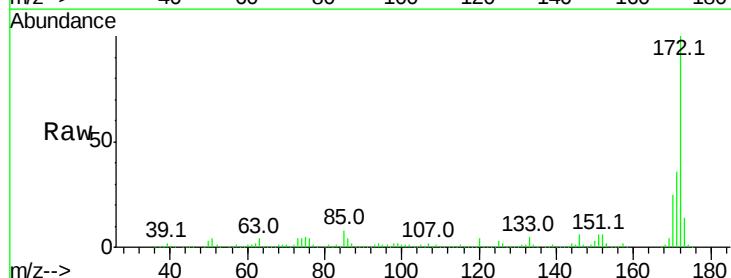


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

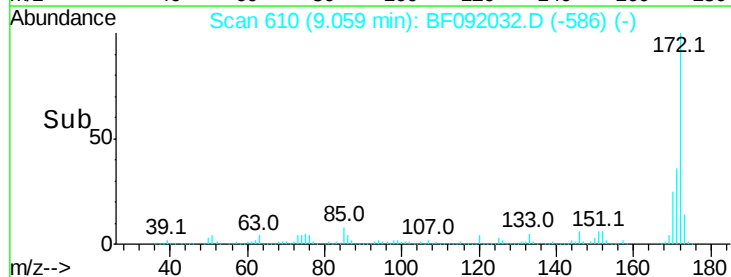
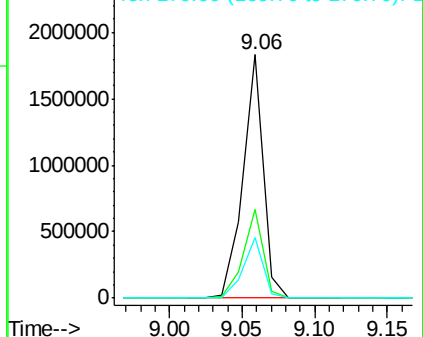


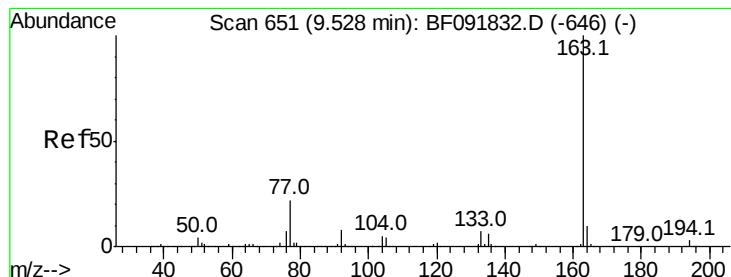
#44
 2-Fluorobiphenyl
 Concen: 93.66 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092032.D
 Acq: 29 Dec 2016 19:02

Tgt Ion:172 Resp: 1783641
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 2.01 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

MW-28

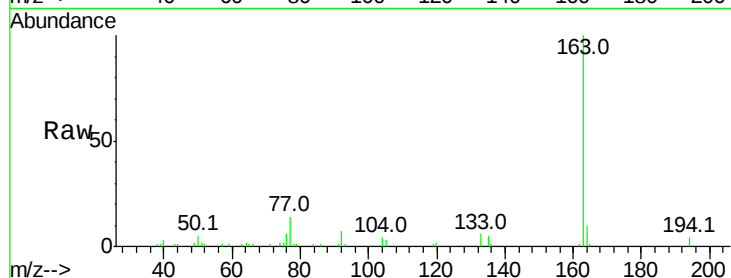
Tot Ion:163 Resp: 50787

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

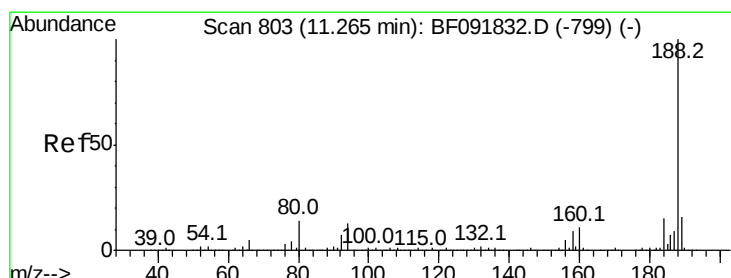
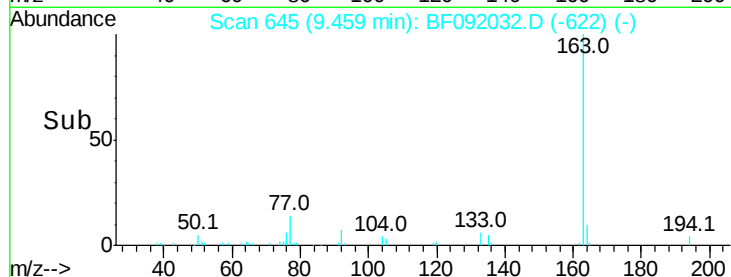
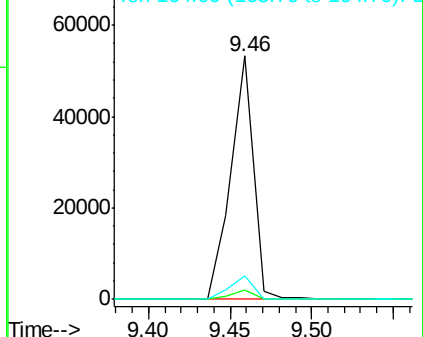
164 9.7 8.0 12.0



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: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

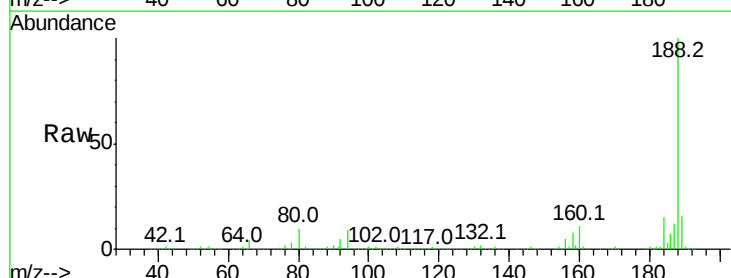
Tgt Ion:188 Resp: 670908

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

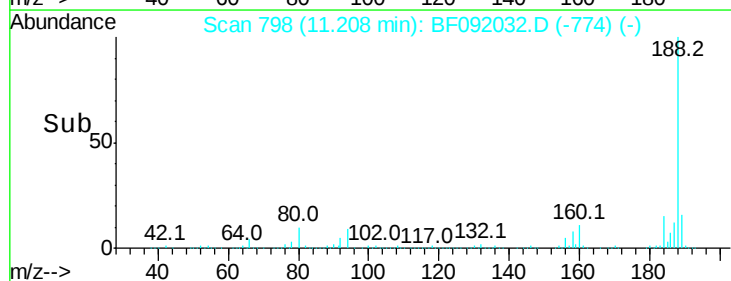
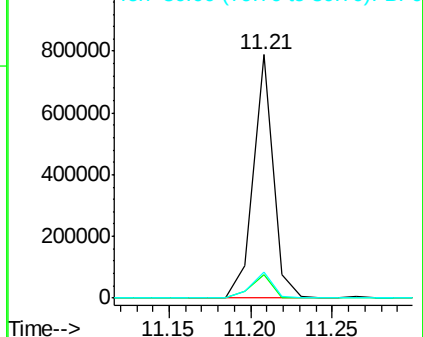
80 10.5 11.2 16.8#

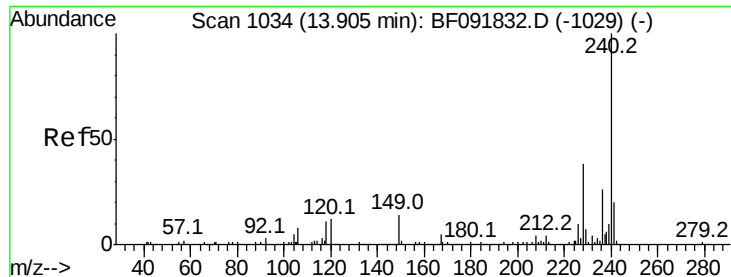


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

MW-28

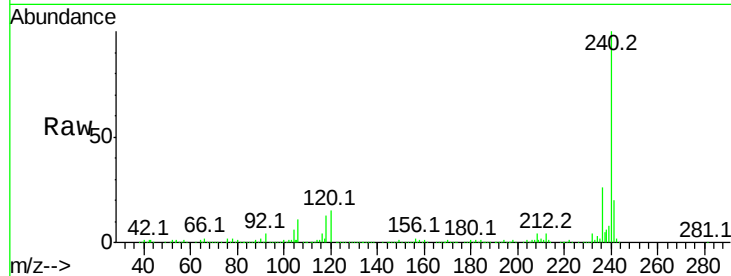
Tot Ion:240 Resp: 567512

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

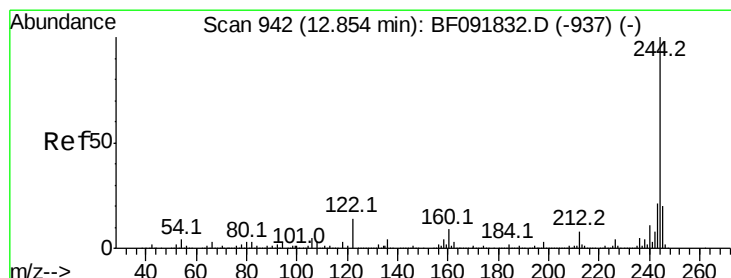
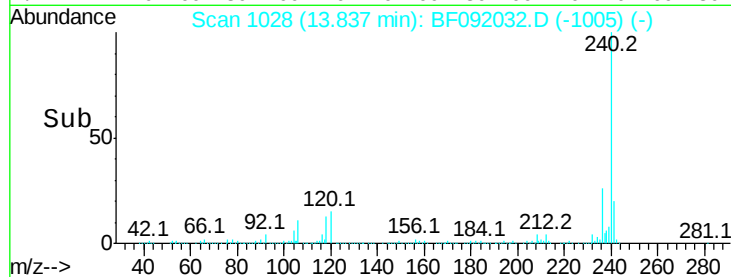
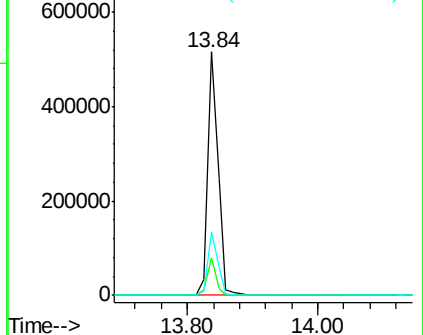
236 25.7 20.9 31.3



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: 86.14 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092032.D

Acq: 29 Dec 2016 19:02

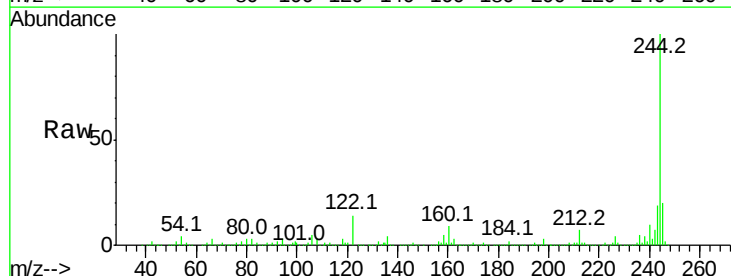
Tgt Ion:244 Resp: 2015737

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

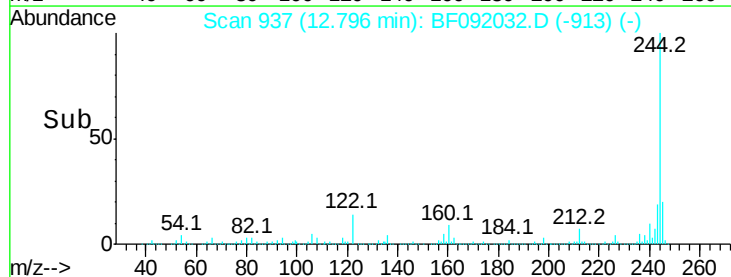
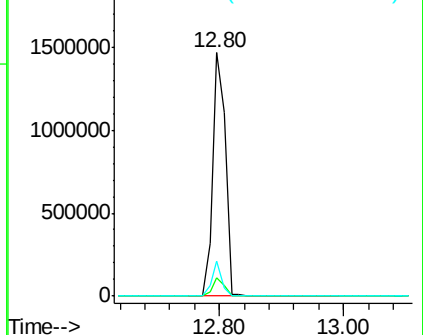
122 14.3 11.4 17.2

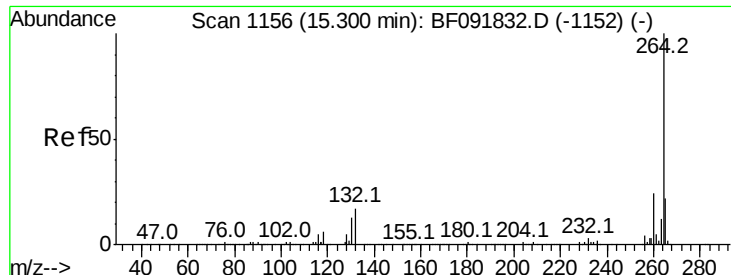


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF092032.D
 Acq: 29 Dec 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.4	26.0

