

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092049.D
 Acq On : 30 Dec 2016 16:21
 Operator : UM/SJ
 Sample : H6314-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Dec 30 18:12:57 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

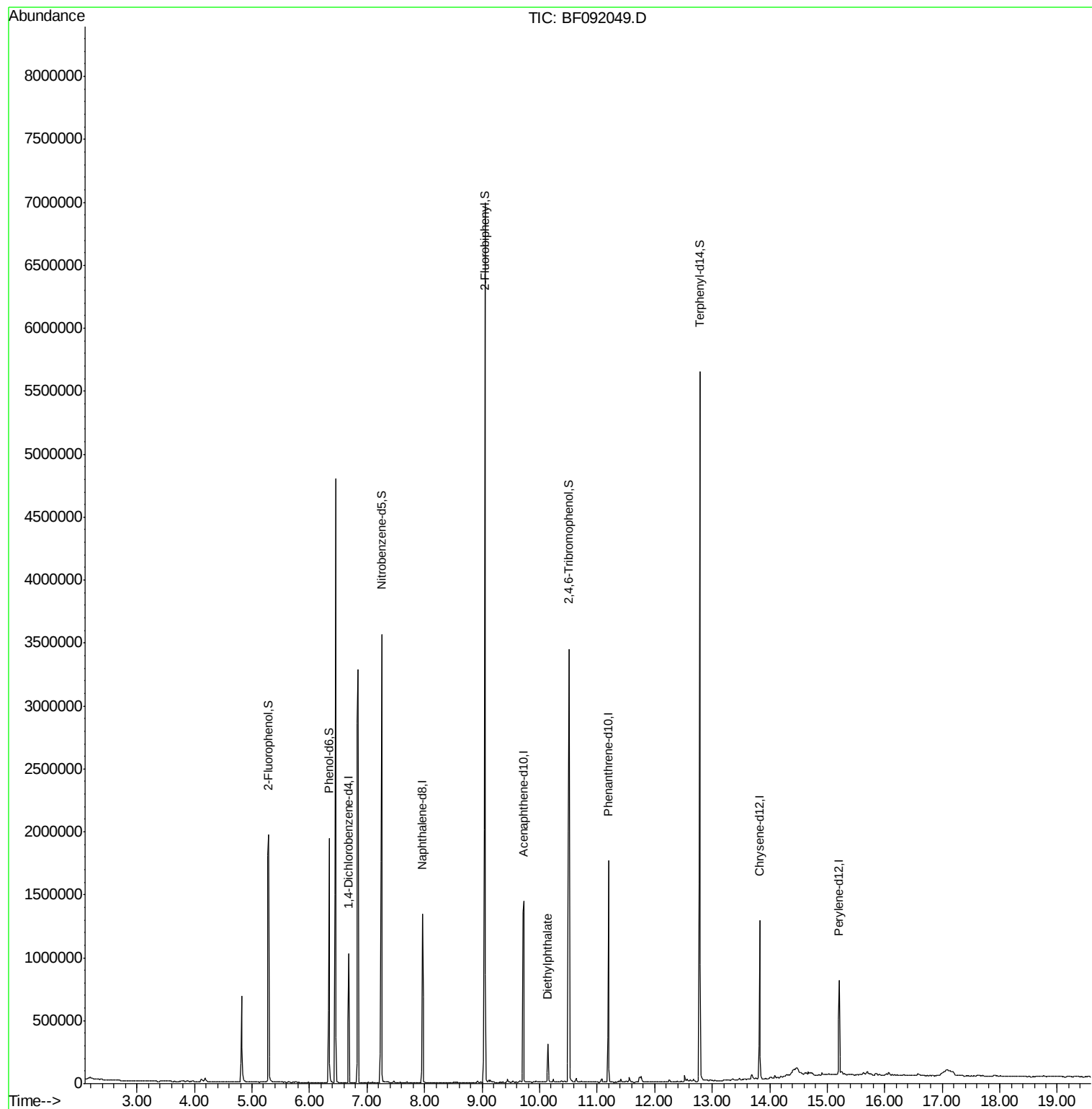
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	180273	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	735846	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	474308	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	615523	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	421842	20.00	ng	-0.05
86) Perylene-d12	15.21	264	350911	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	832086	77.07	ng	-0.03
7) Phenol-d6	6.34	99	695519	52.76	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1370666	103.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	482165	122.84	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2273389	100.57	ng	-0.03
78) Terphenyl-d14	12.79	244	1827832	105.09	ng	-0.03
Target Compounds						
59) Diethylphthalate	10.14	149	110791	3.76	ng	Qvalue 99

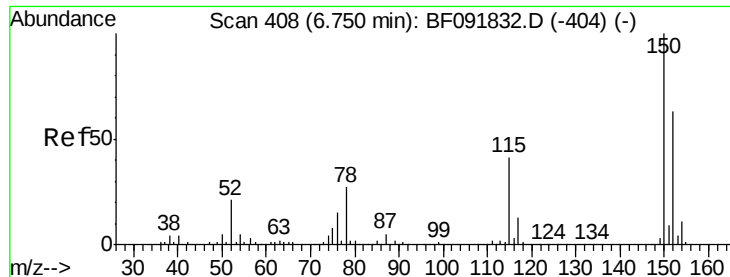
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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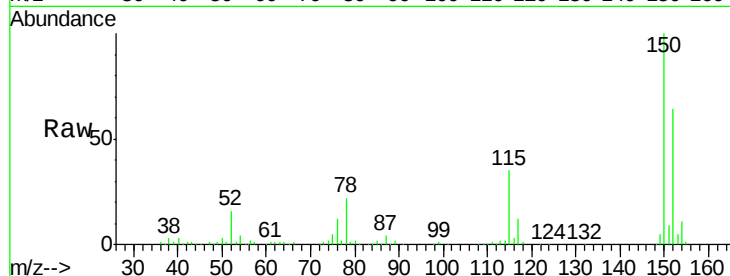


#1

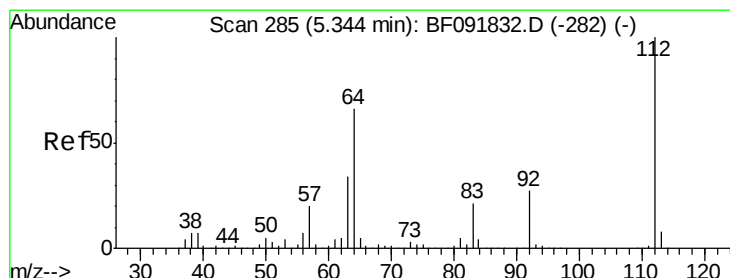
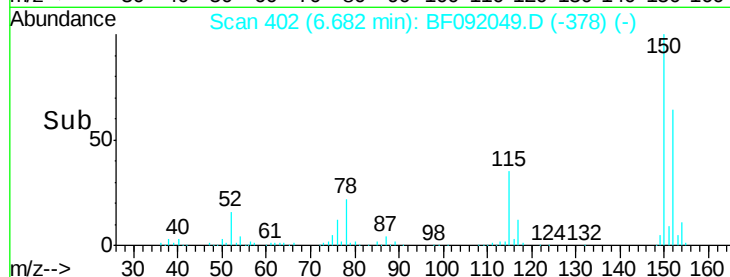
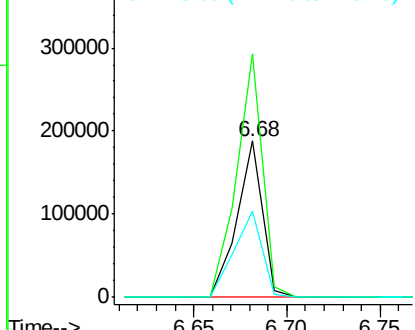
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Instrument :
BNA_F
ClientSampleId :
MW-25

Tot Ion:152 Resp: 180273
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 55.0 46.0 69.0



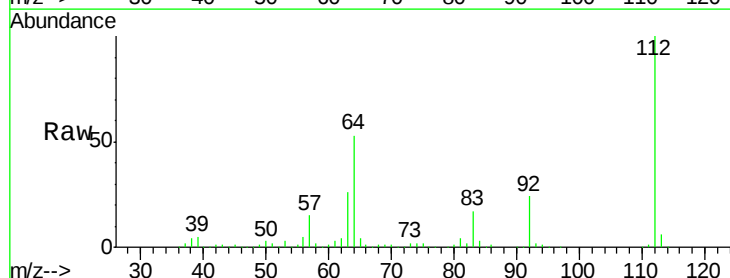
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



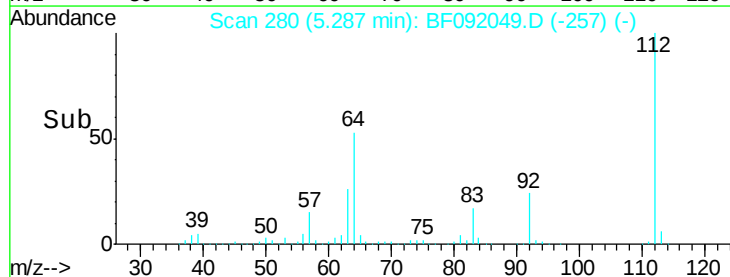
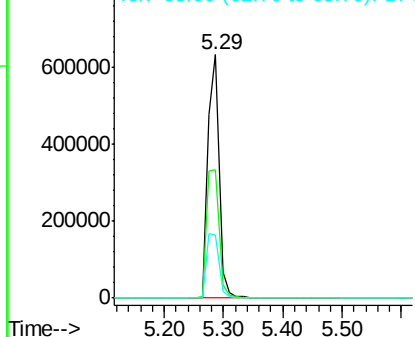
#5

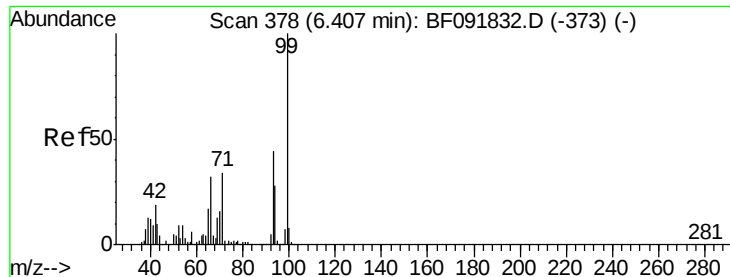
2-Fluorophenol
Concen: 77.07 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Tgt Ion:112 Resp: 832086
Ion Ratio Lower Upper
112 100
64 52.9 46.1 69.1
63 26.1 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: 52.76 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

Instrument :

BNA_F

ClientSampleId :

MW-25

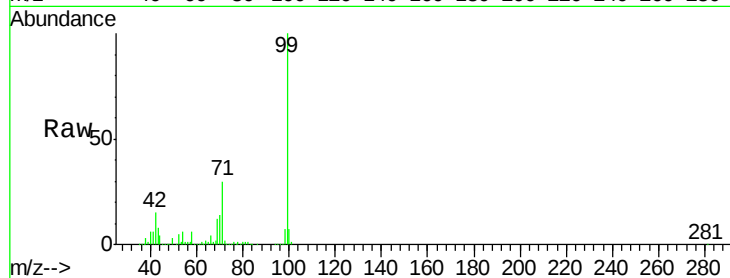
Tot Ion: 99 Resp: 695519

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

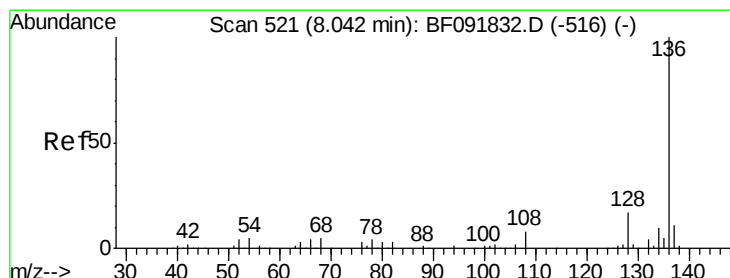
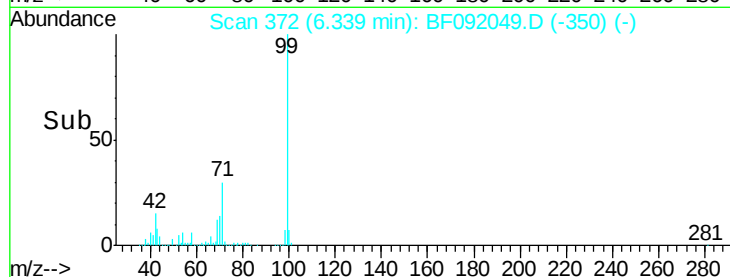
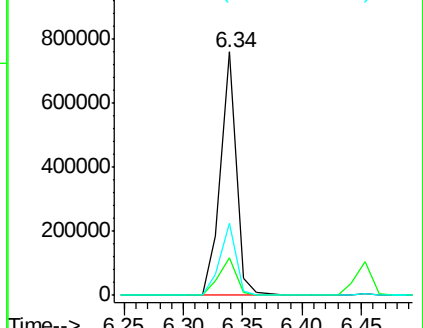
71 29.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

Tgt Ion: 136 Resp: 735846

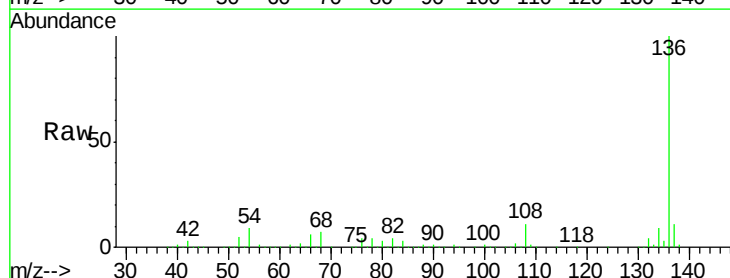
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.3 4.5 6.7#

68 7.1 3.6 5.4#

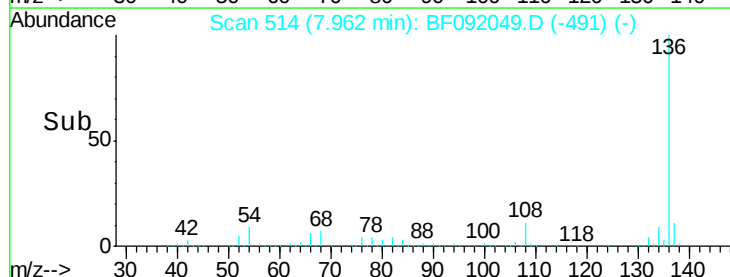
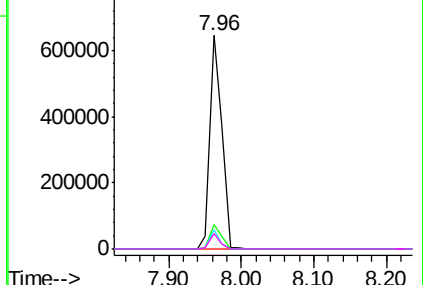


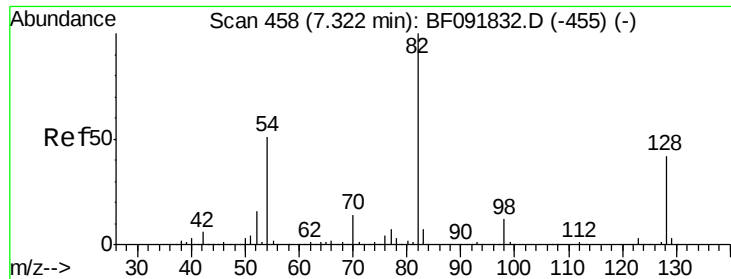
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



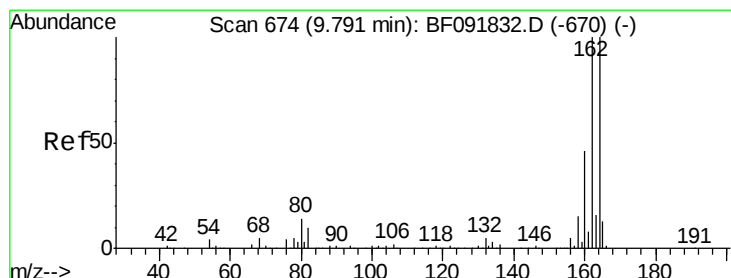
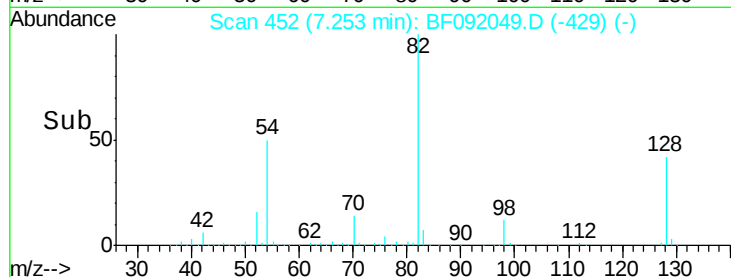
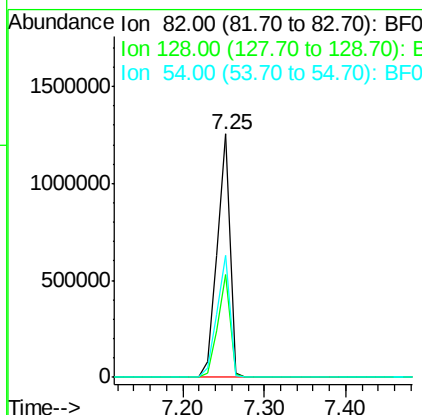
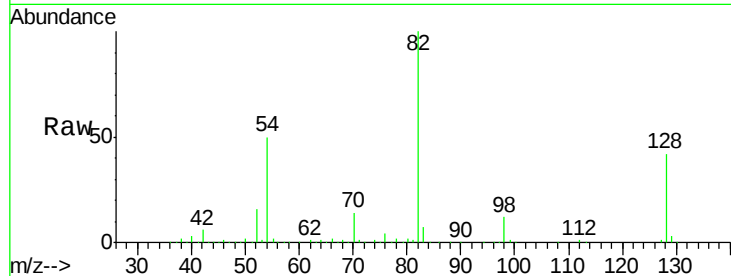


#23
 Nitrobenzene-d5
 Concen: 103.58 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion: 82 Resp: 1370666

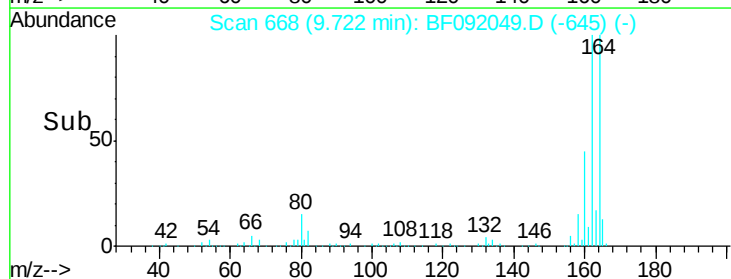
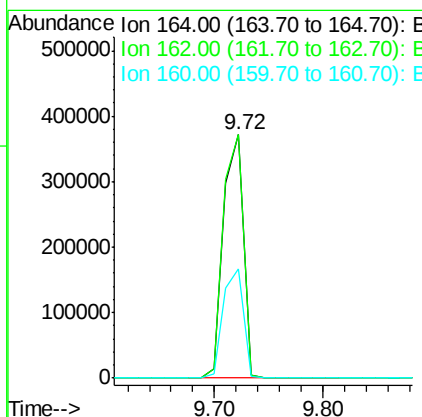
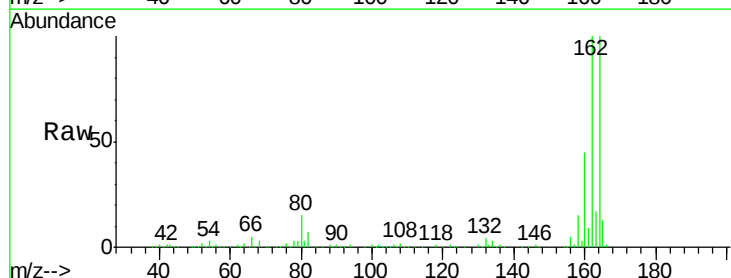
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	50.3	39.5	59.3

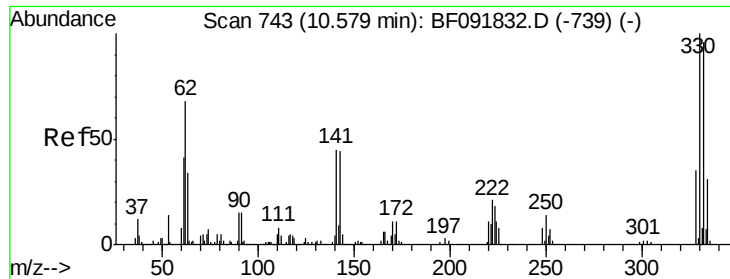


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Tgt Ion:164 Resp: 474308

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.7	36.9	55.3

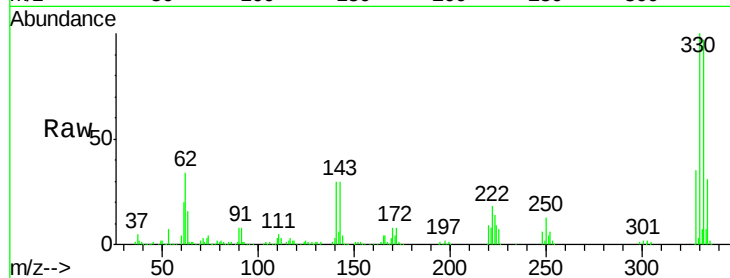




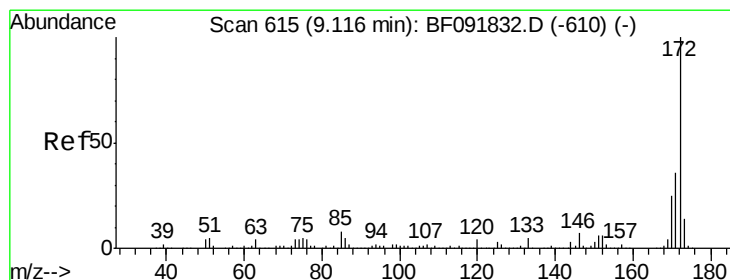
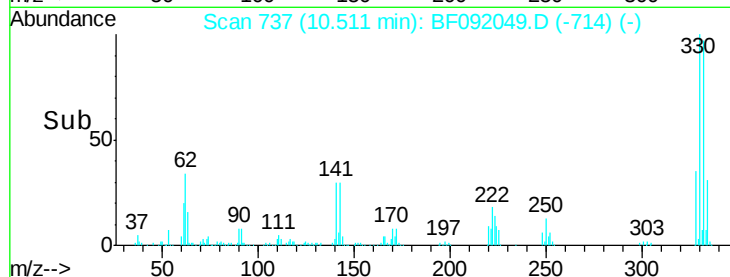
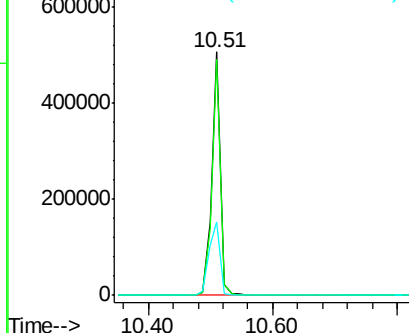
#41
 2,4,6-Tribromophenol
 Concen: 122.84 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion:330 Resp: 482165
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 38.7 34.1 51.1

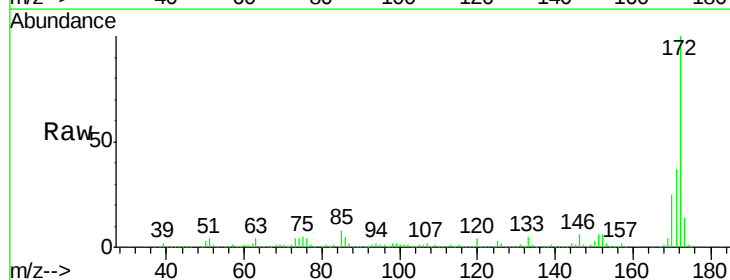


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

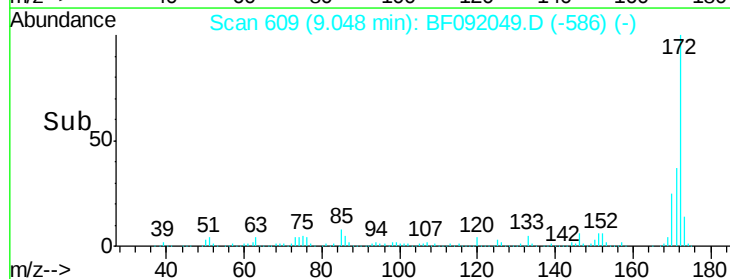
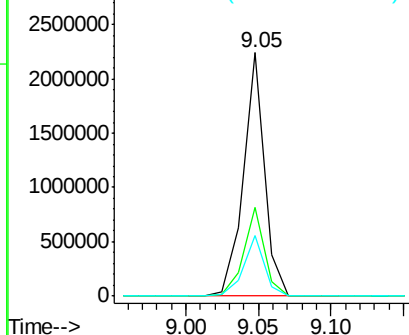


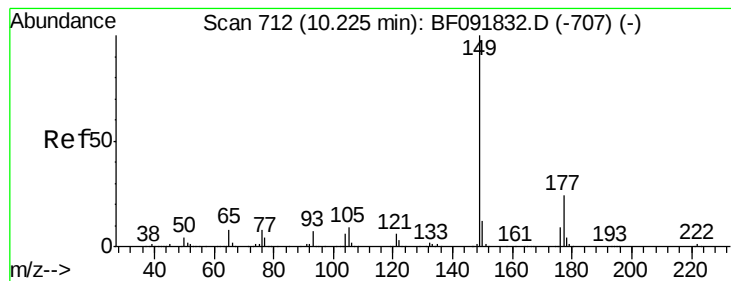
#44
 2-Fluorobiphenyl
 Concen: 100.57 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Tgt Ion:172 Resp: 2273389
 Ion Ratio Lower Upper
 172 100
 171 36.6 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





#59

Diethylphthalate

Concen: 3.76 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

Instrument :

BNA_F

ClientSampleId :

MW-25

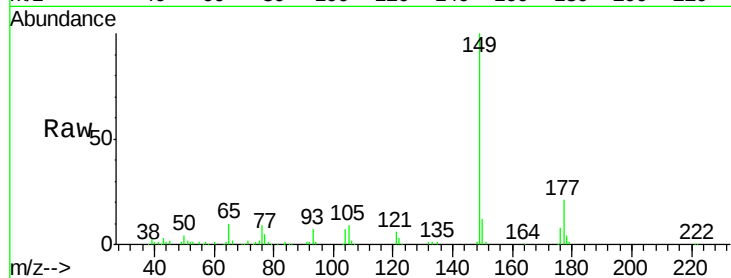
Tot Ion:149 Resp: 110791

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

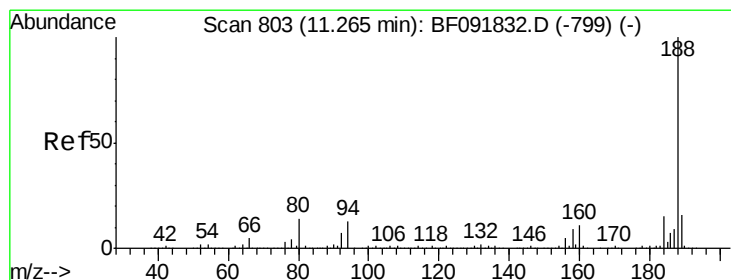
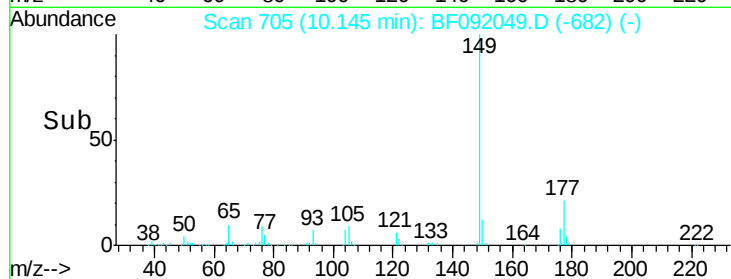
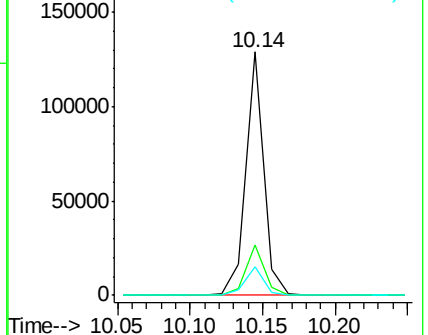
150 11.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

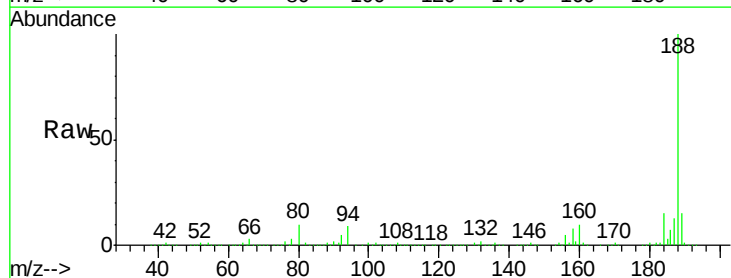
Tgt Ion:188 Resp: 615523

Ion Ratio Lower Upper

188 100

94 9.2 10.0 15.0#

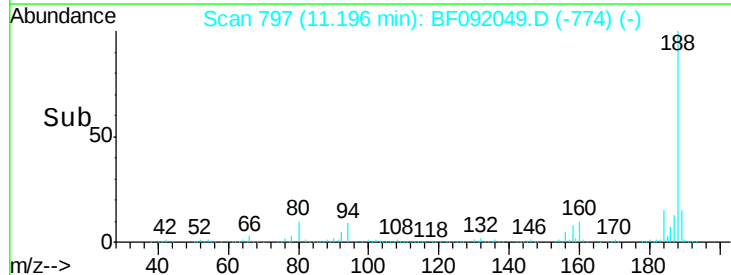
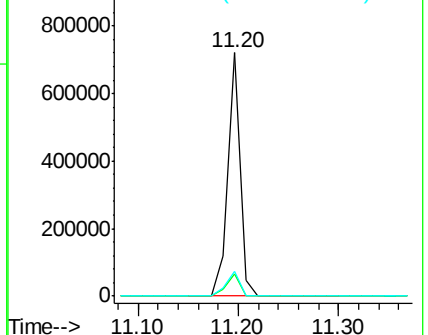
80 10.0 11.2 16.8#

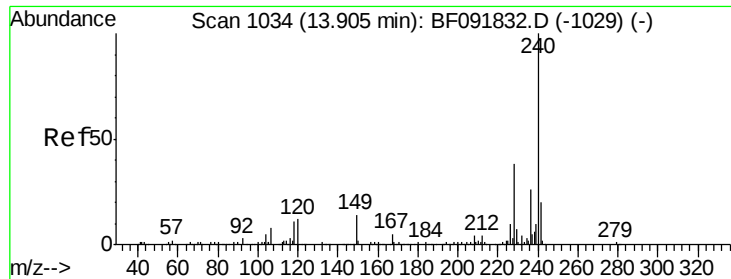


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

Instrument :

BNA_F

ClientSampleId :

MW-25

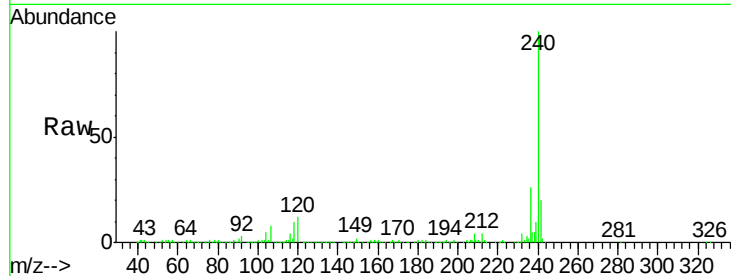
Tot Ion:240 Resp: 421842

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

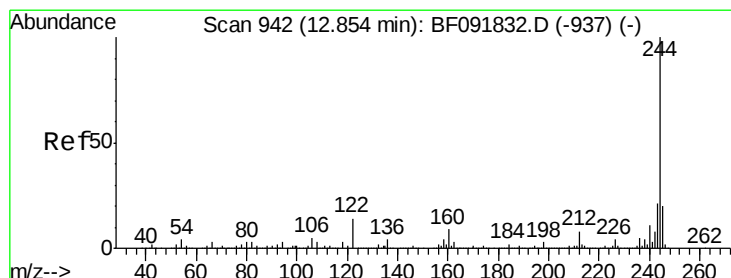
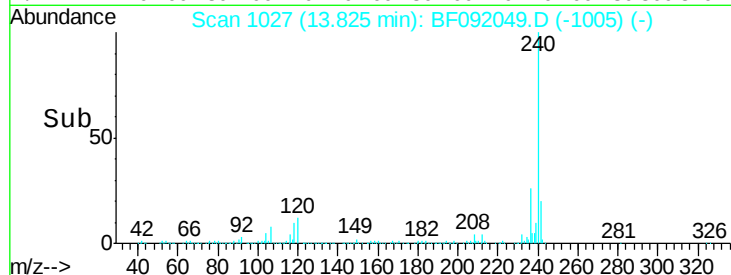
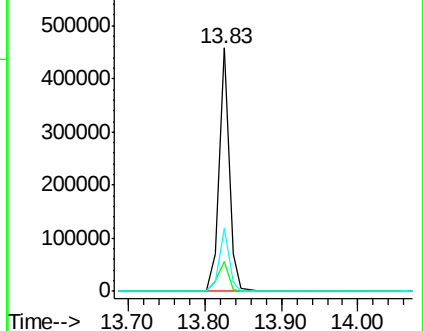
236 26.2 20.9 31.3



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: 105.09 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

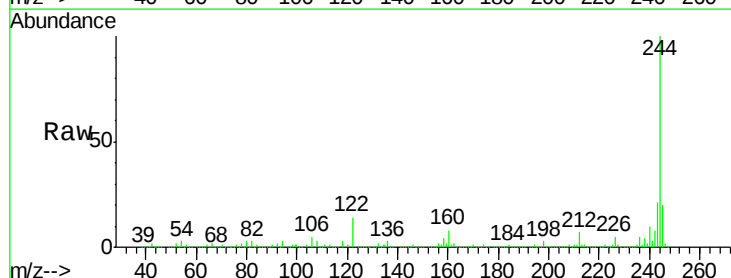
Tgt Ion:244 Resp: 1827832

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

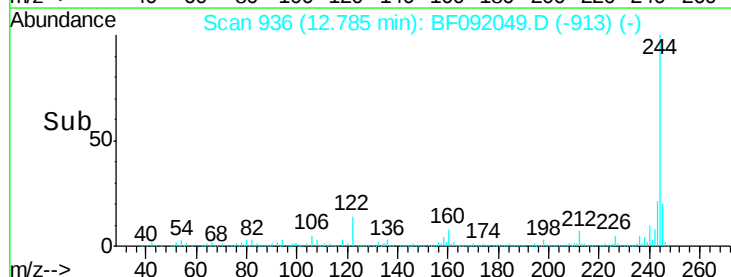
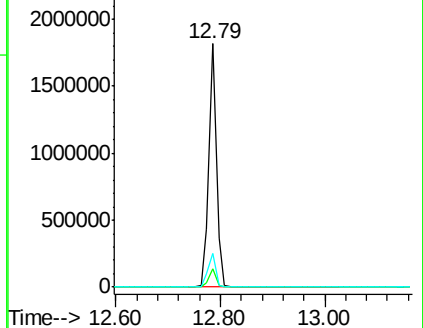
122 13.7 11.4 17.2

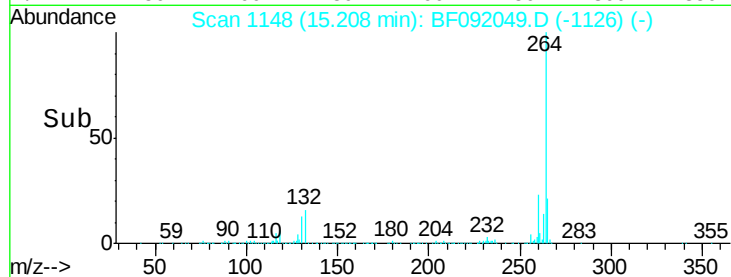
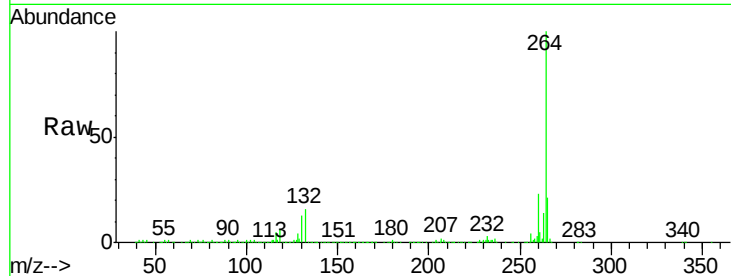
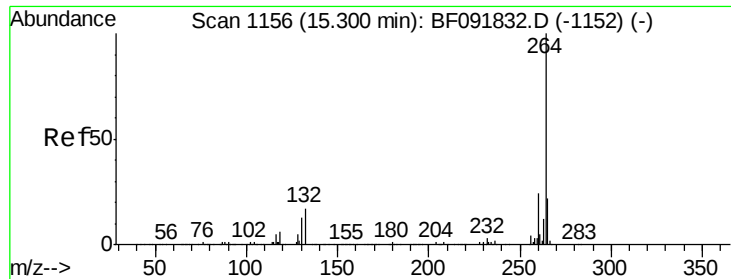


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Instrument :
BNA_F
ClientSampleId :
MW-25

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.4	26.0

