

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092101.D
 Acq On : 5 Jan 2017 20:57
 Operator : UM/SJ
 Sample : I1004-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: Jan 06 00:27:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 00:13:42 2017
 Response via : Initial Calibration

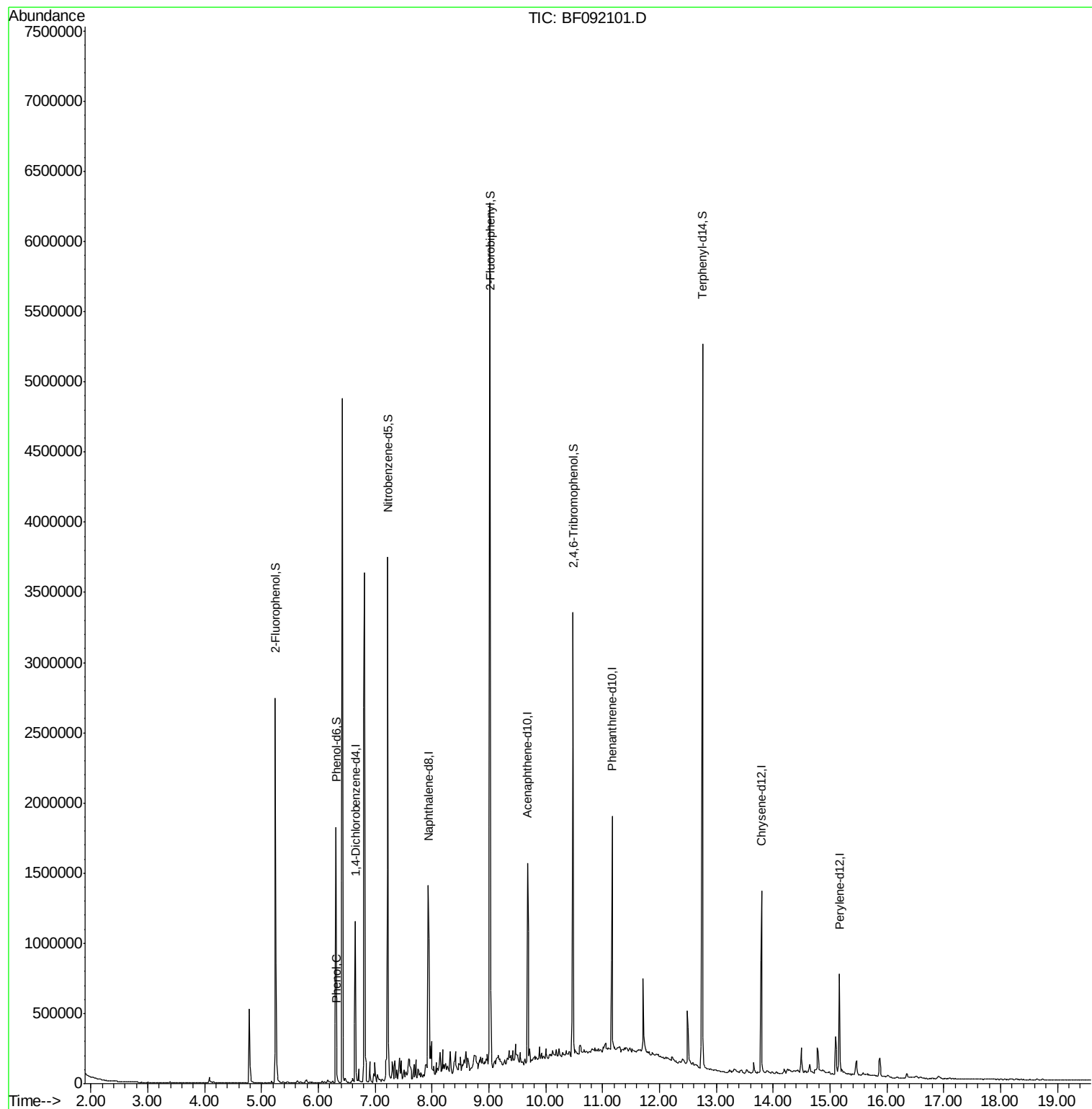
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	188080	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	743287	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	387437	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	662405	20.00	ng	0.00
75) Chrysene-d12	13.80	240	552369	20.00	ng	0.00
86) Perylene-d12	15.17	264	388137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	821939	72.97	ng	0.00
7) Phenol-d6	6.31	99	614791	44.70	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1304659	97.60	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	482743	150.56	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1917295	104.33	ng	0.00
78) Terphenyl-d14	12.76	244	1747036	76.71	ng	0.00
Target Compounds						
10) Phenol	6.32	94	32081	2.05	ng	Qvalue # 72

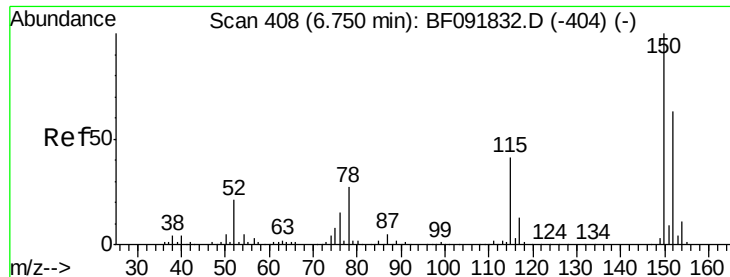
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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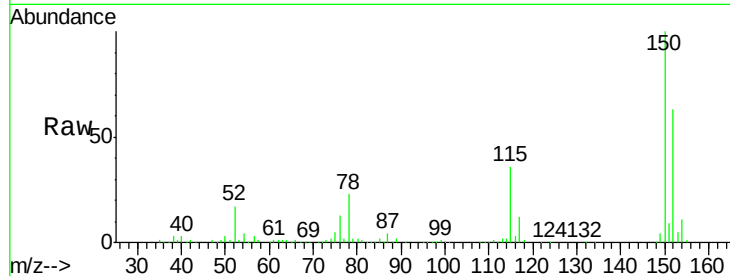


#1

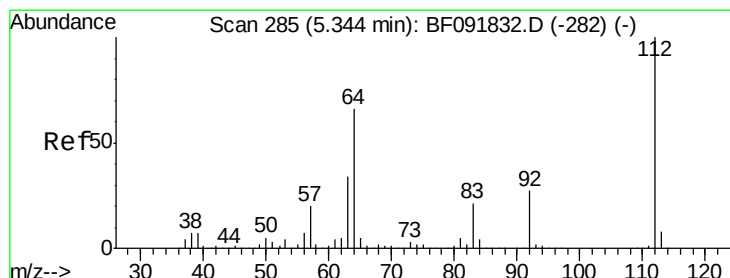
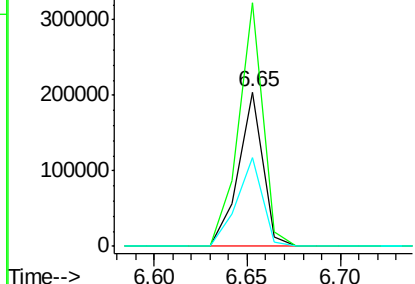
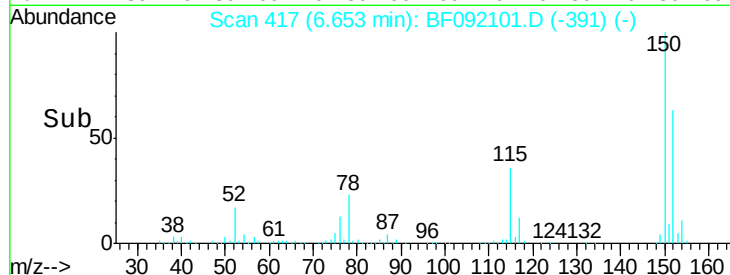
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF092101.D
Acq: 5 Jan 2017 20:57

Instrument :
BNA_F
ClientSampleId :
MW-31

Tot Ion:152 Resp: 188080
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 57.3 46.0 69.0



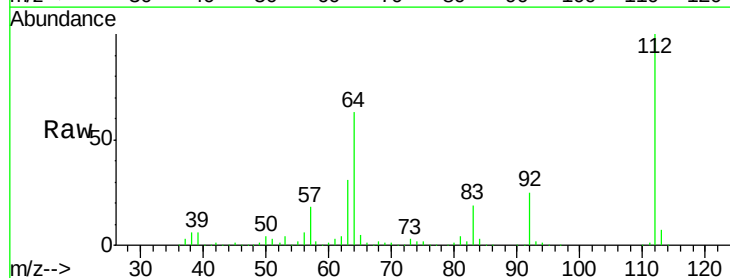
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



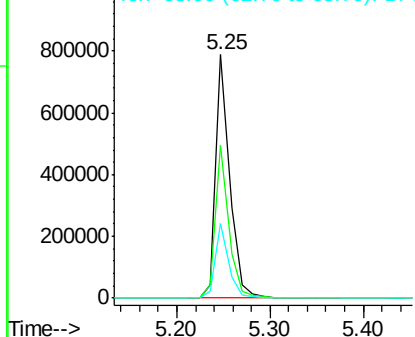
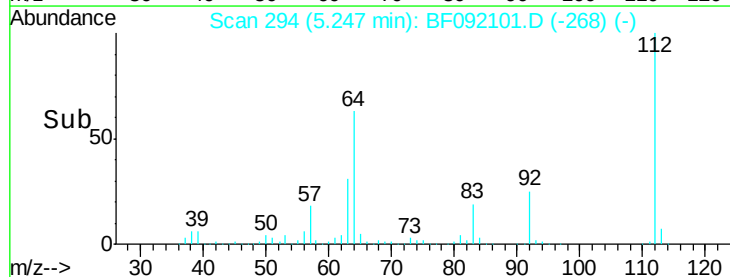
#5

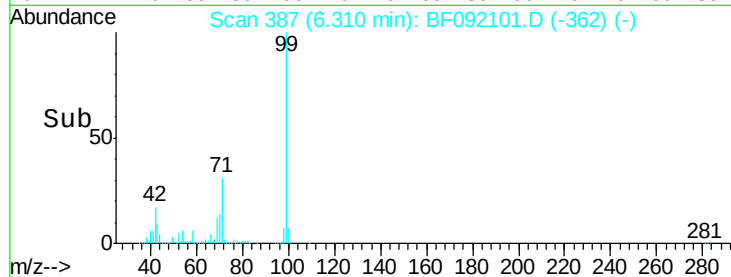
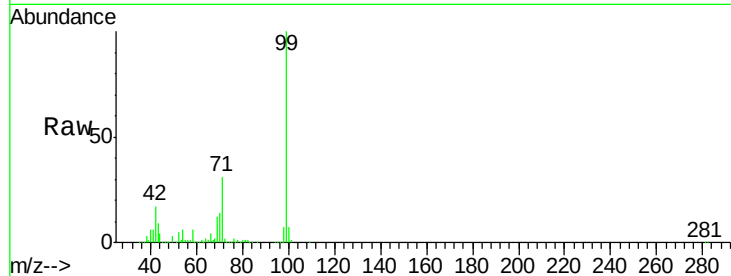
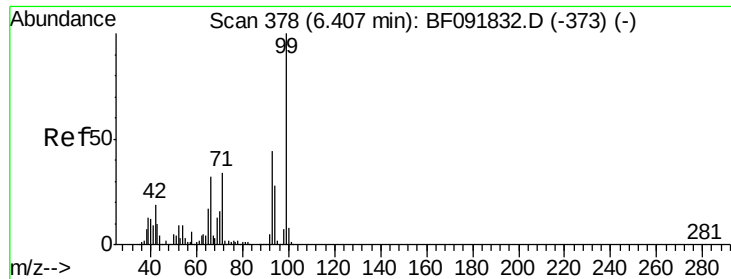
2-Fluorophenol
Concen: 72.97 ng
RT: 5.25 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF092101.D
Acq: 5 Jan 2017 20:57

Tgt Ion:112 Resp: 821939
Ion Ratio Lower Upper
112 100
64 62.9 46.1 69.1
63 30.8 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: 44.70 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

Instrument :

BNA_F

ClientSampleId :

MW-31

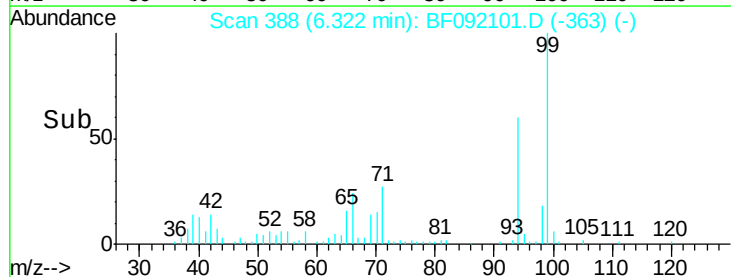
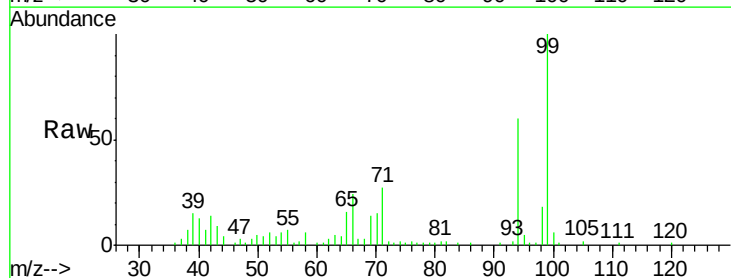
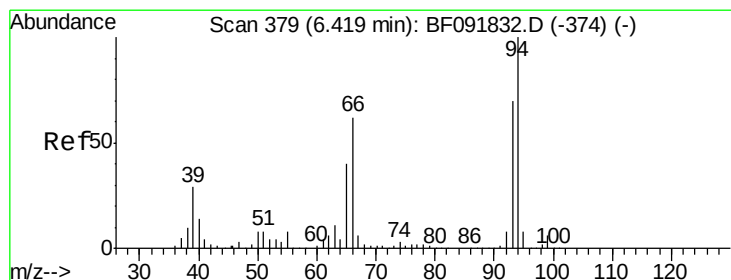
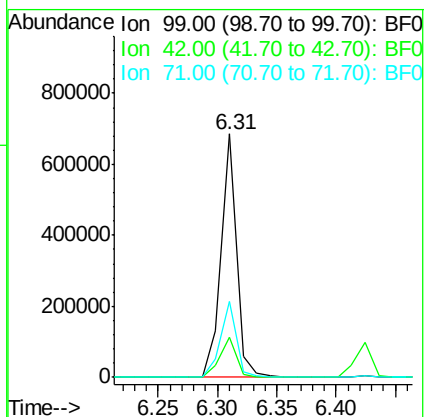
Tot Ion: 99 Resp: 614791

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 31.1 27.5 41.3



#10

Phenol

Concen: 2.05 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

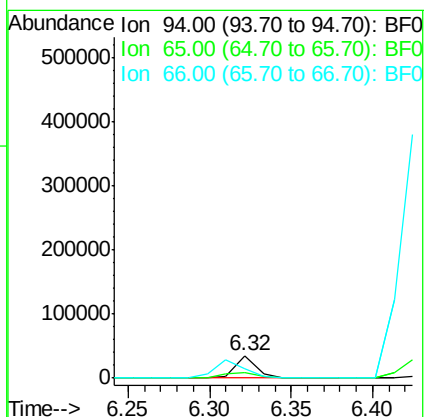
Tgt Ion: 94 Resp: 32081

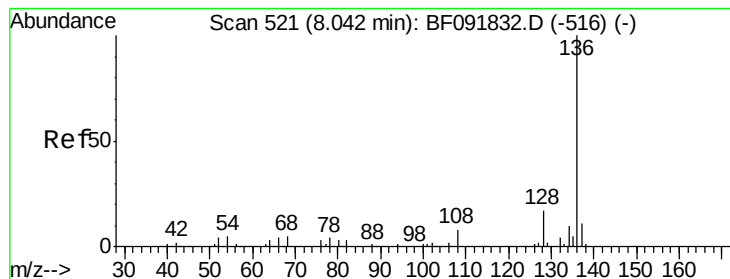
Ion Ratio Lower Upper

94 100

65 26.8 21.4 61.4

66 40.0 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

Instrument :

BNA_F

ClientSampleId :

MW-31

Tot Ion:136 Resp: 743287

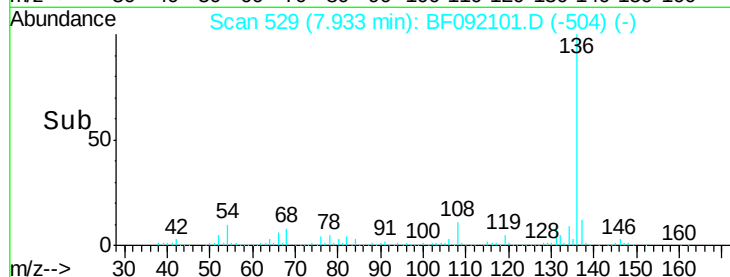
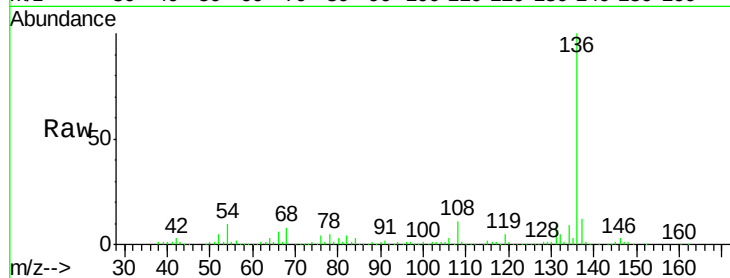
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 10.2 4.5 6.7#

68 7.6 3.6 5.4#

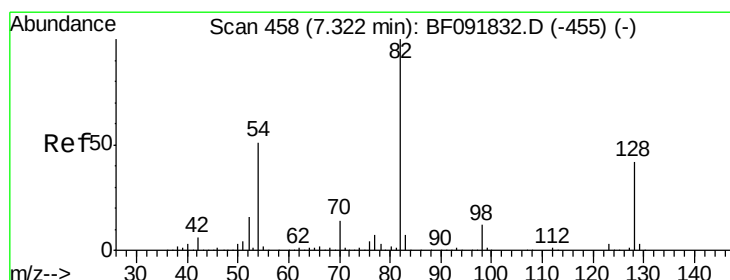
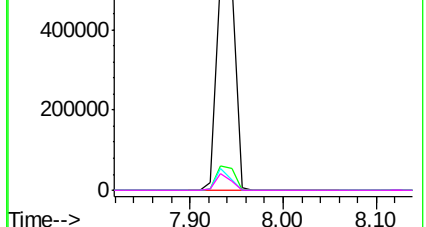


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.60 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

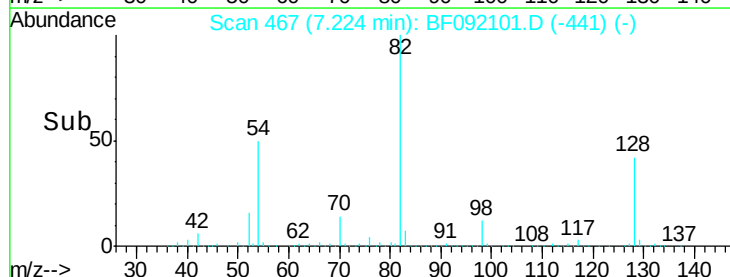
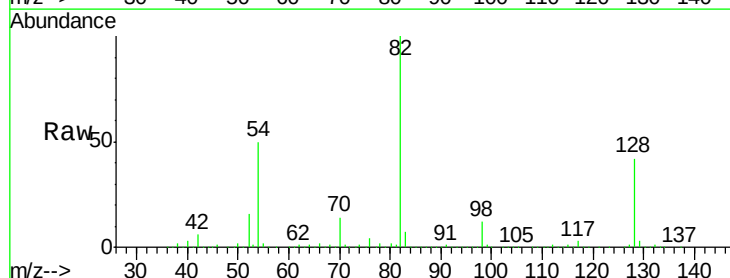
Tgt Ion: 82 Resp: 1304659

Ion Ratio Lower Upper

82 100

128 41.7 34.6 52.0

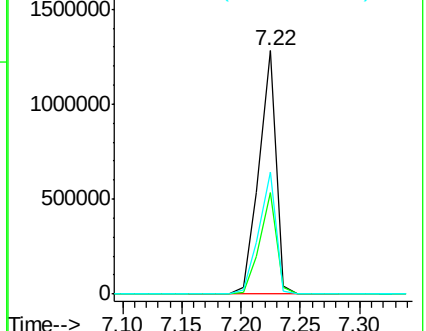
54 50.0 39.5 59.3

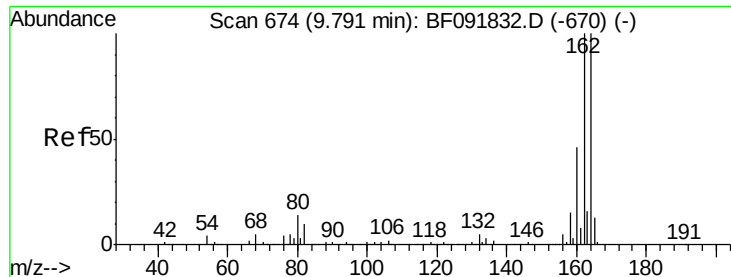


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.68 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

Instrument :

BNA_F

ClientSampleId :

MW-31

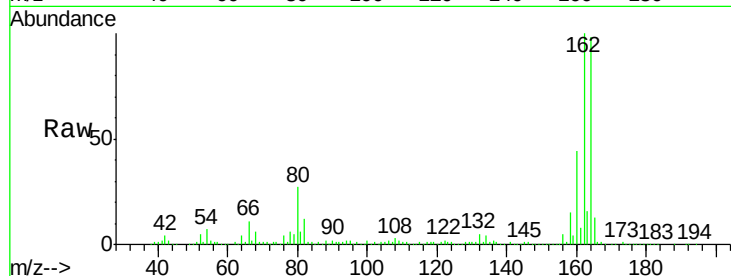
Tot Ion:164 Resp: 387437

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	45.1	36.9	55.3

164 100

162 102.2 80.2 120.2

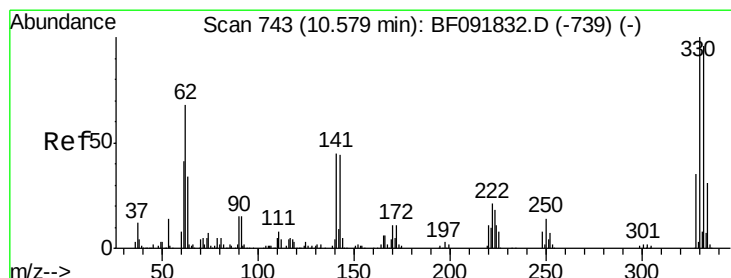
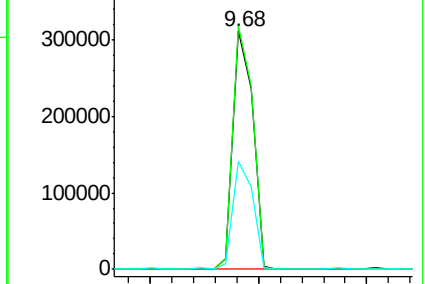
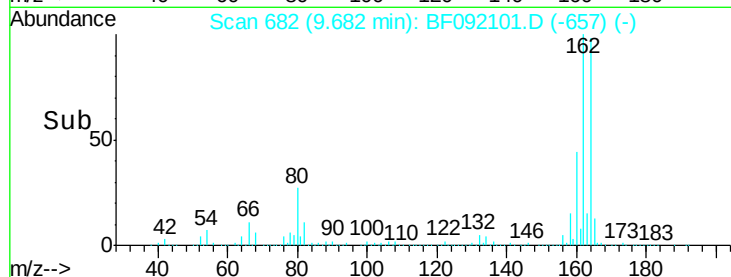
160 45.1 36.9 55.3



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: 150.56 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

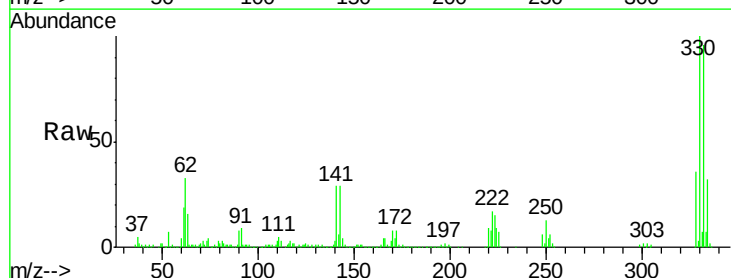
Tgt Ion:330 Resp: 482743

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	38.7	34.1	51.1

330 100

332 96.0 77.4 116.2

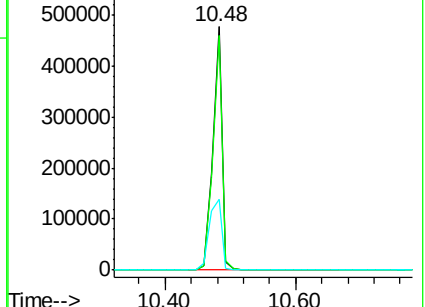
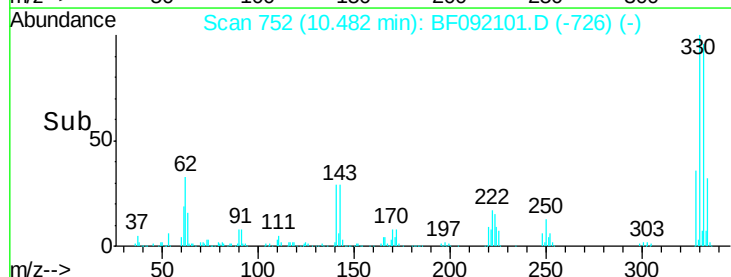
141 38.7 34.1 51.1

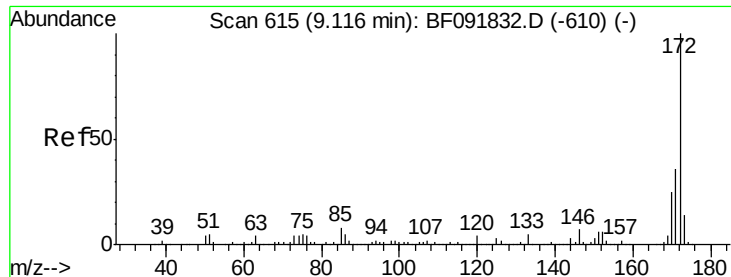


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



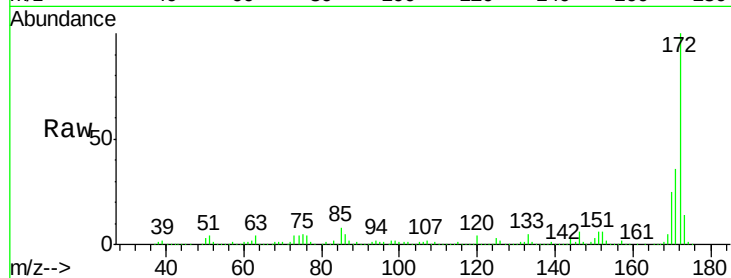


#44
 2-Fluorobiphenyl
 Concen: 104.33 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092101.D
 Acq: 5 Jan 2017 20:57

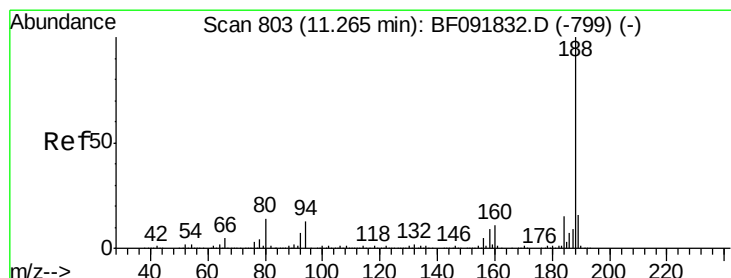
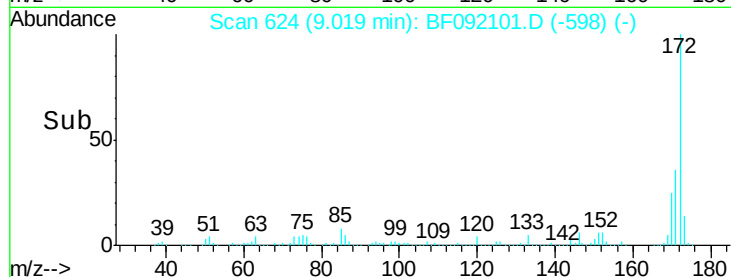
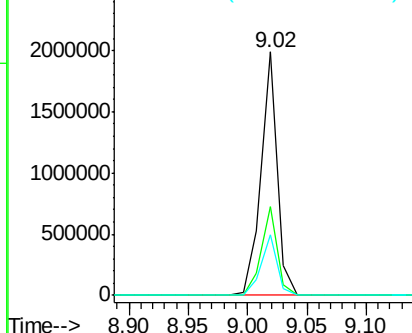
Instrument :
 BNA_F
 ClientSampled :
 MW-31

Tot Ion:172 Resp: 1917295

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.8	20.2	30.4



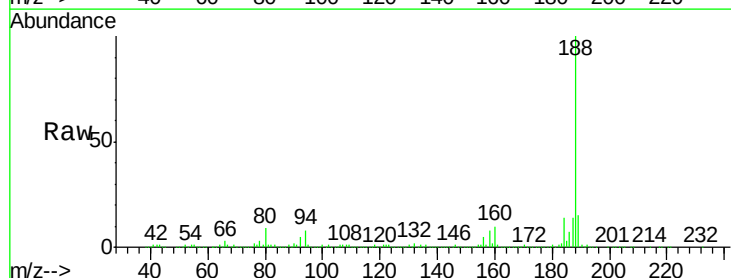
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



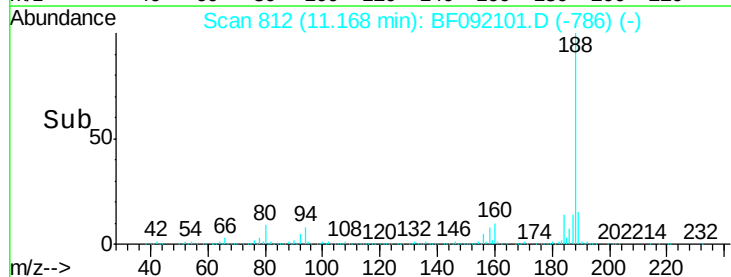
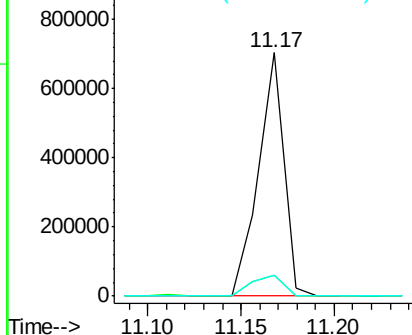
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF092101.D
 Acq: 5 Jan 2017 20:57

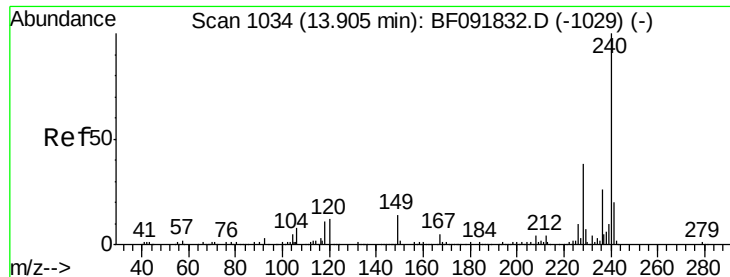
Tgt Ion:188 Resp: 662405

Ion	Ratio	Lower	Upper
188	100		
94	8.5	10.0	15.0#
80	8.7	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: 13.80 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

Instrument :

BNA_F

ClientSampleId :

MW-31

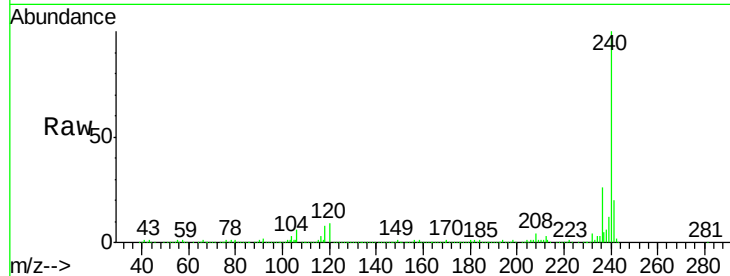
Tot Ion:240 Resp: 552369

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

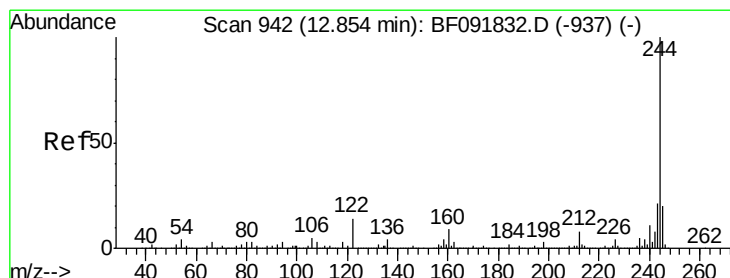
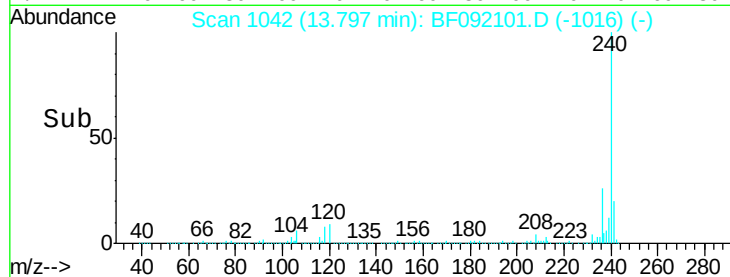
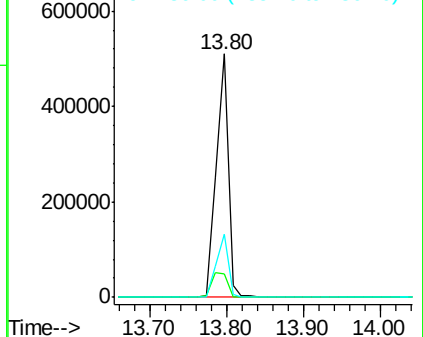
236 25.7 20.9 31.3



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: 76.71 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092101.D

Acq: 5 Jan 2017 20:57

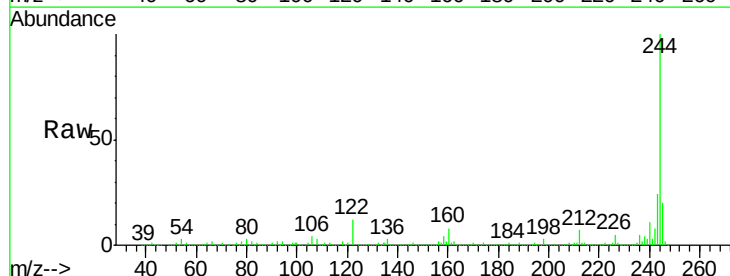
Tgt Ion:244 Resp: 1747036

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

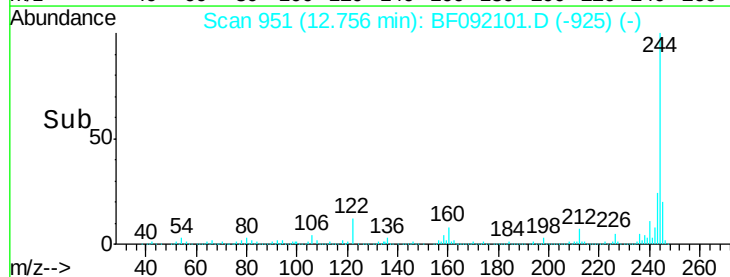
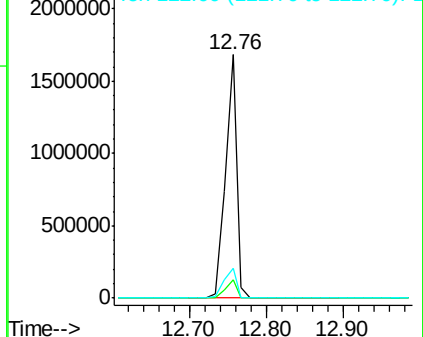
122 12.3 11.4 17.2

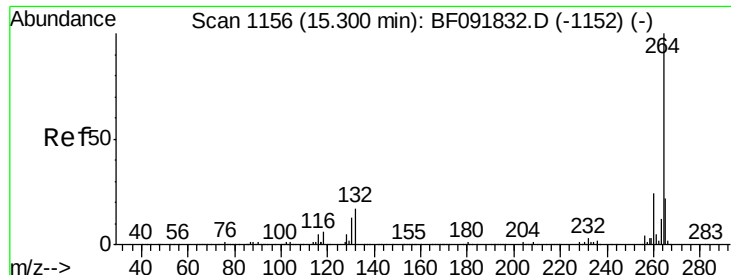


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

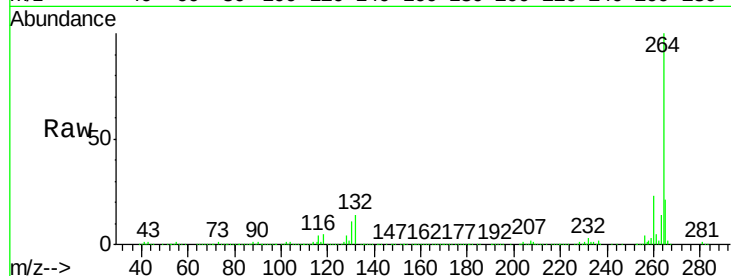




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF092101.D
Acq: 5 Jan 2017 20:57

Instrument :
BNA_F
ClientSampleId :
MW-31

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

