

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092026.D
 Acq On : 29 Dec 2016 16:13
 Operator : UM/SJ
 Sample : H6281-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7RE

Quant Time: Dec 29 17:42:53 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

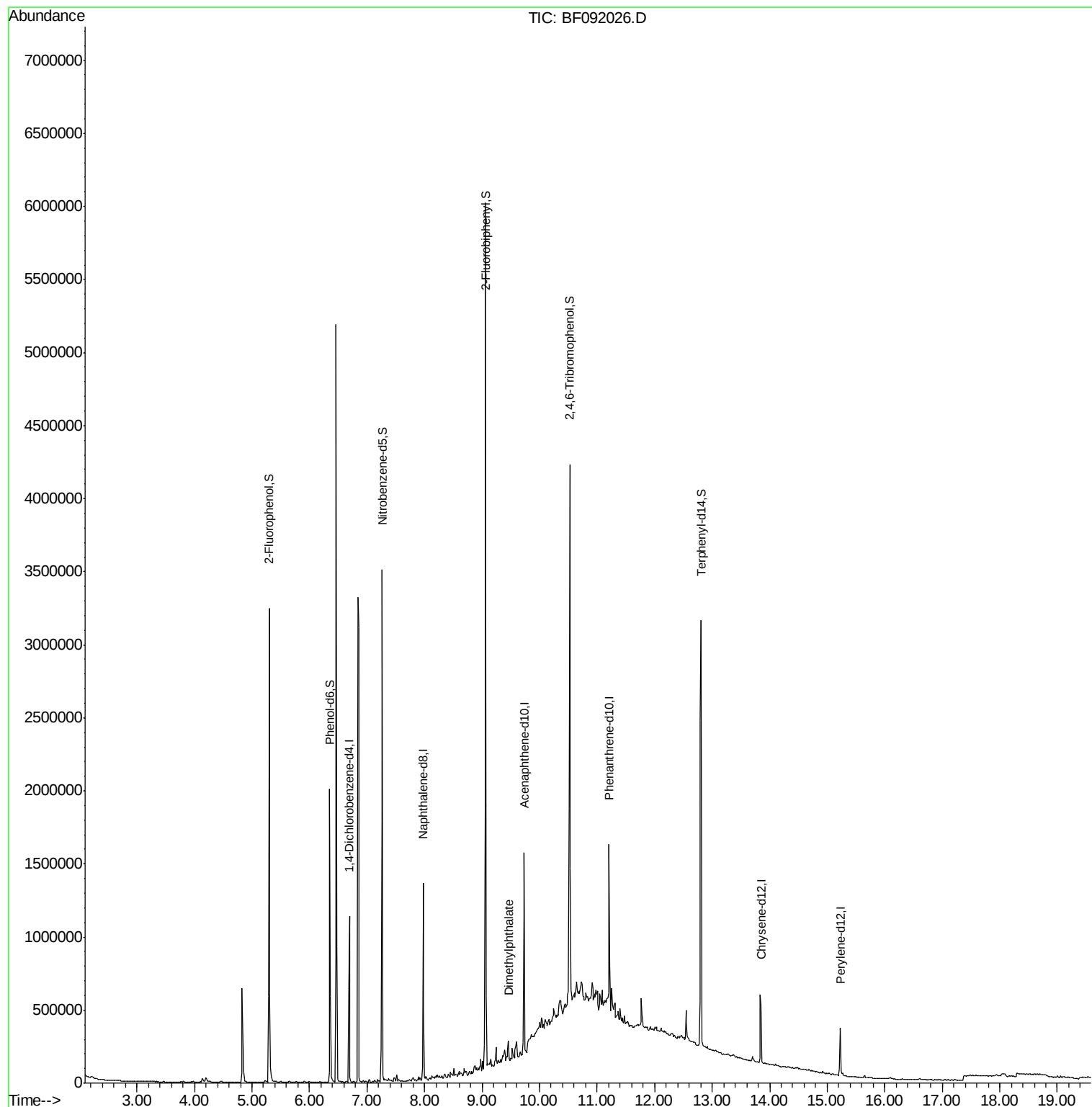
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	209047	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	657516	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	389271	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	423145	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	232696	20.00	ng	-0.02
86) Perylene-d12	15.23	264	181617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	926760	74.02	ng	-0.02
7) Phenol-d6	6.35	99	705183	46.13	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1347787	113.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	524194	162.72	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1864080	100.46	ng	-0.02
78) Terphenyl-d14	12.81	244	1275682	132.96	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	52598	2.11	ng	# 99

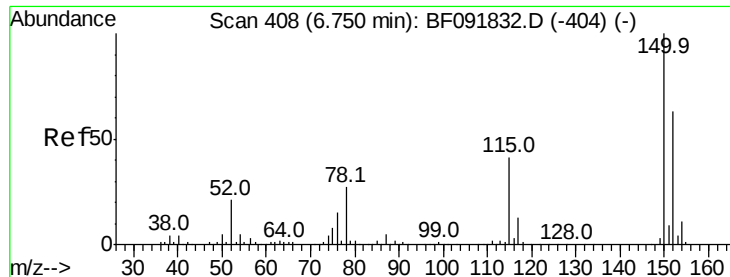
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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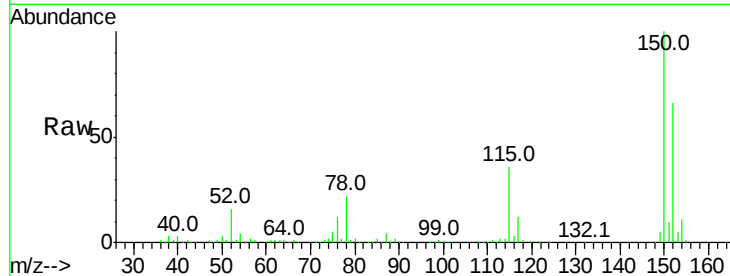


#1

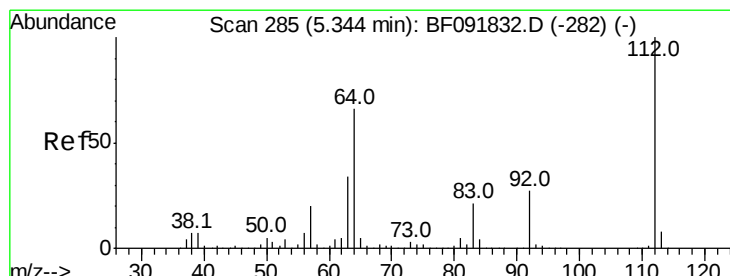
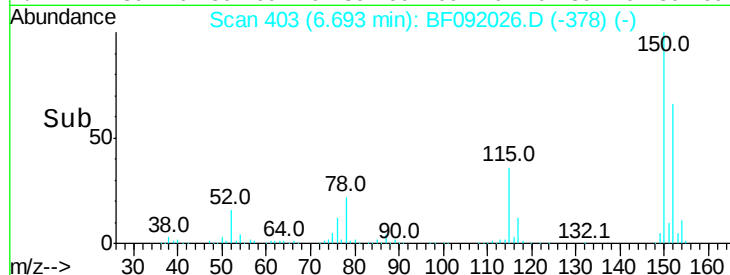
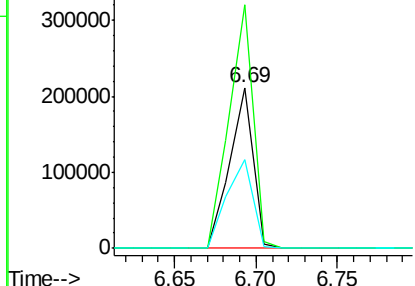
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
MW-7RE

Tot Ion:152 Resp: 209047
Ion Ratio Lower Upper
152 100
150 151.5 124.9 187.3
115 55.1 46.0 69.0



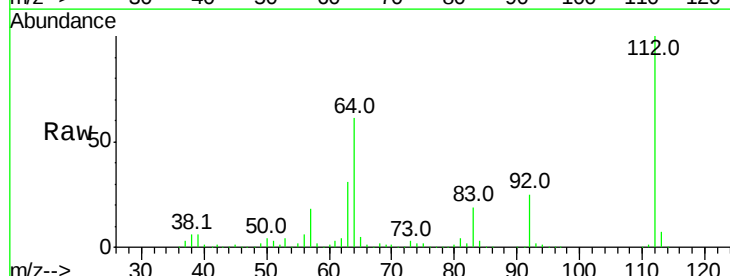
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



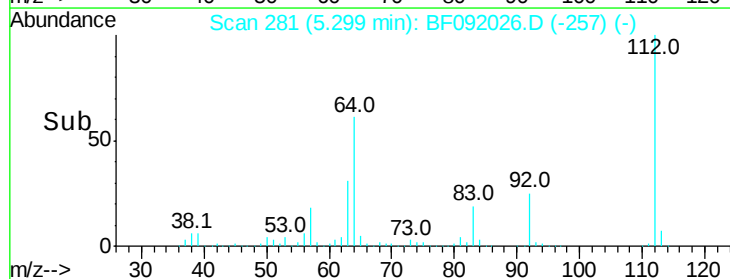
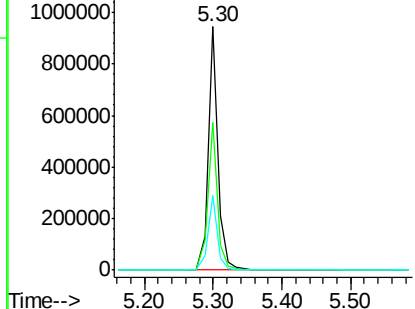
#5

2-Fluorophenol
Concen: 74.02 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Tgt Ion:112 Resp: 926760
Ion Ratio Lower Upper
112 100
64 60.5 46.1 69.1
63 30.6 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: 46.13 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

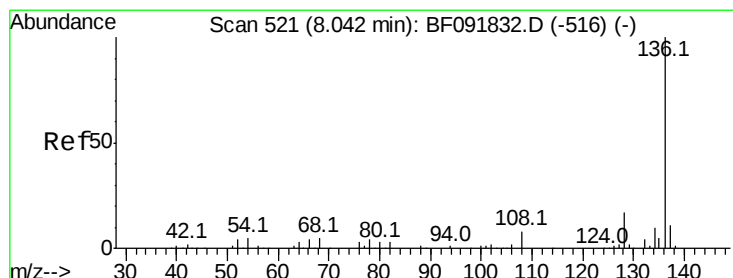
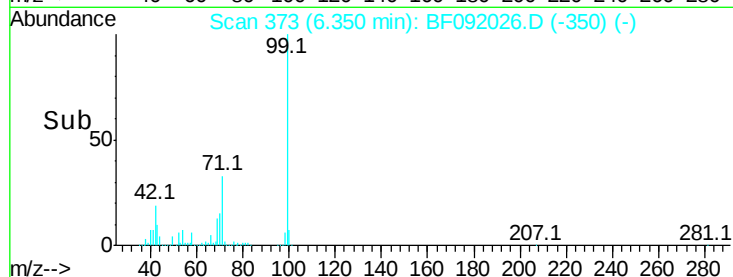
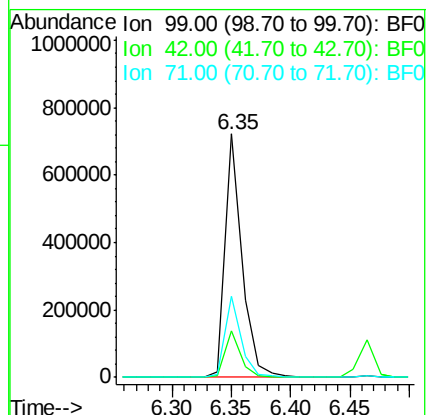
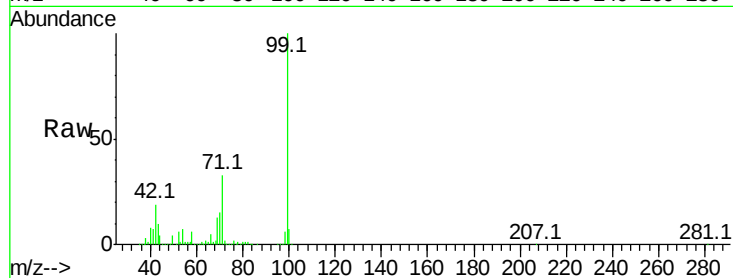
Tot Ion: 99 Resp: 705183

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 33.1 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: BF092026.D

Acq: 29 Dec 2016 16:13

Tgt Ion: 136 Resp: 657516

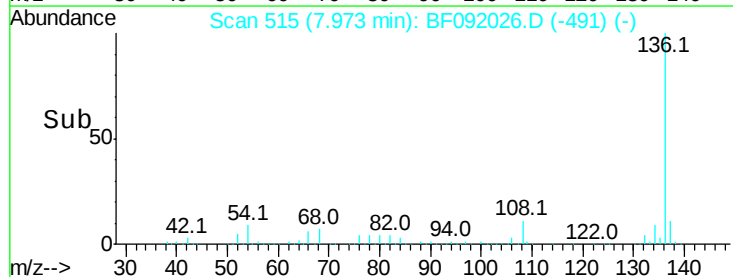
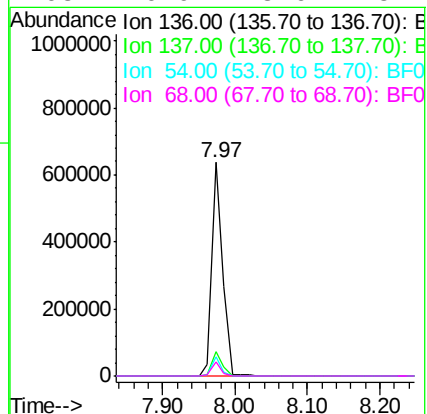
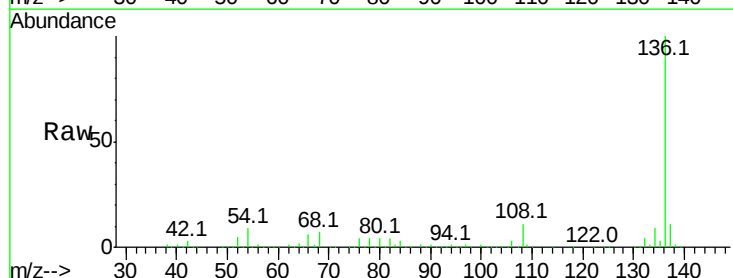
Ion Ratio Lower Upper

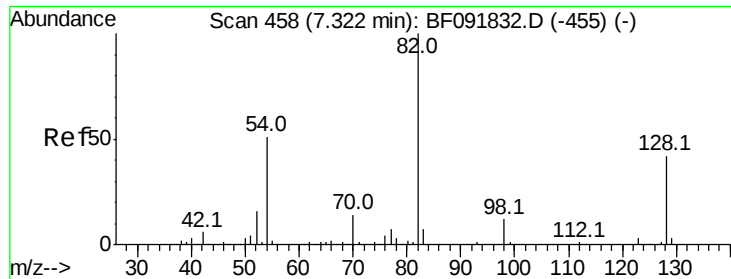
136 100

137 11.4 8.4 12.6

54 9.3 4.5 6.7#

68 6.9 3.6 5.4#



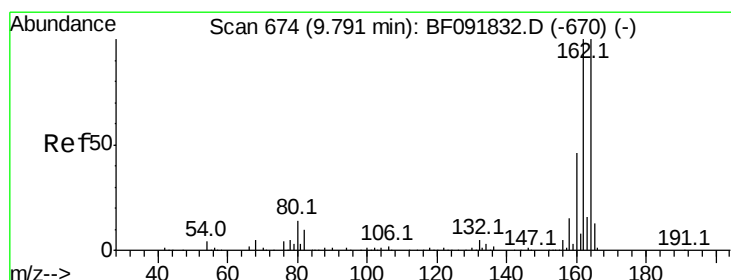
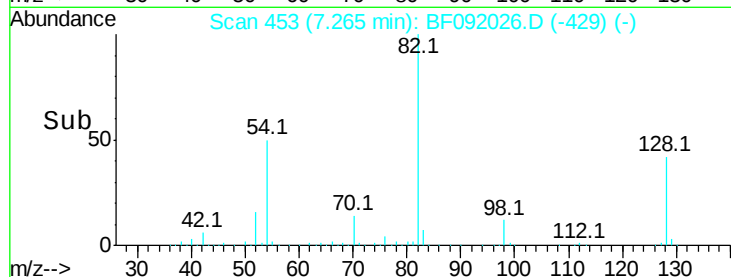
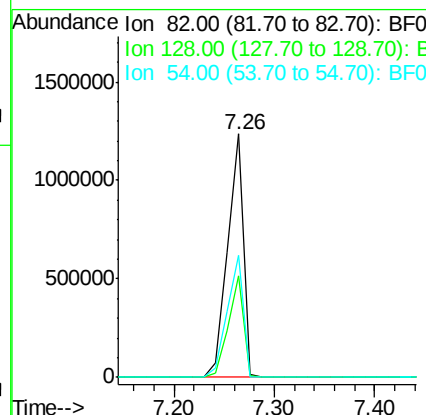
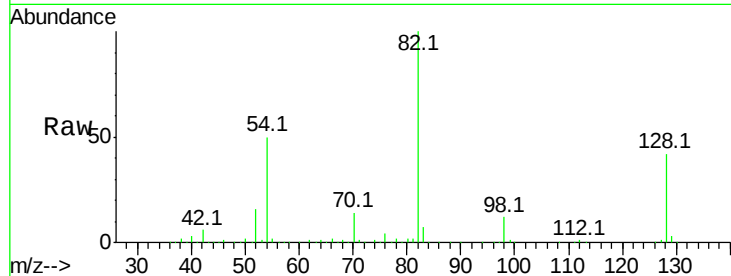


#23
 Nitrobenzene-d5
 Concen: 113.98 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092026.D
 Acq: 29 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-7RE

Tot Ion: 82 Resp: 1347787

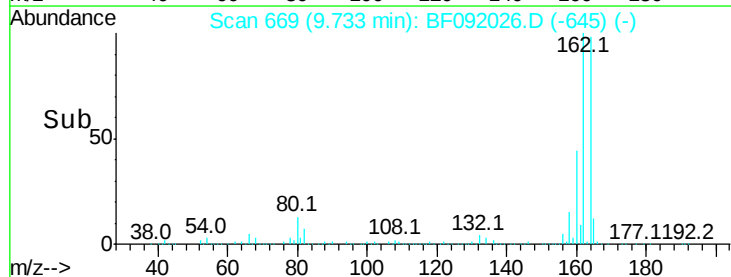
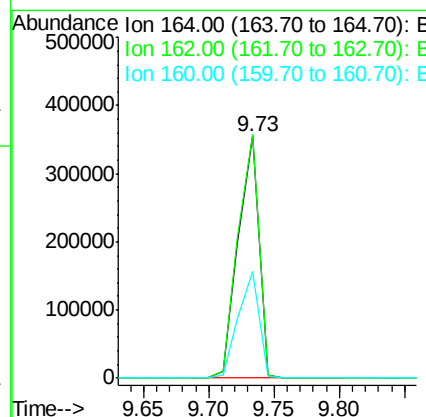
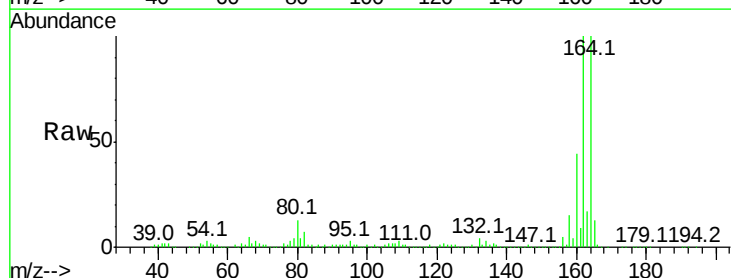
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	50.0	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092026.D
 Acq: 29 Dec 2016 16:13

Tgt Ion:164 Resp: 389271

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	44.1	36.9	55.3

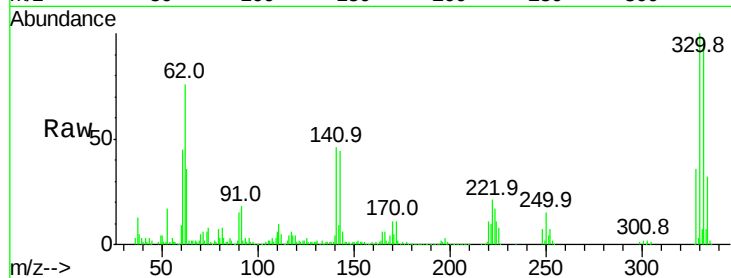




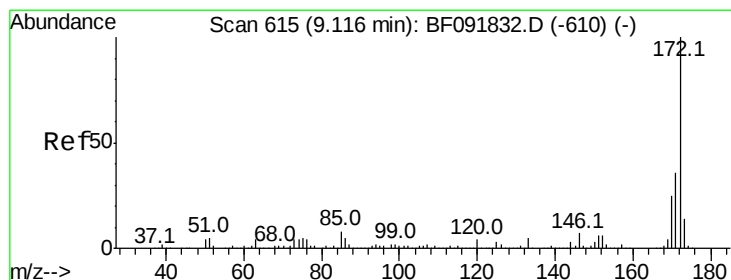
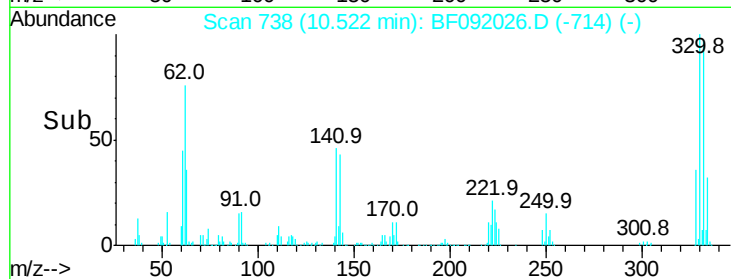
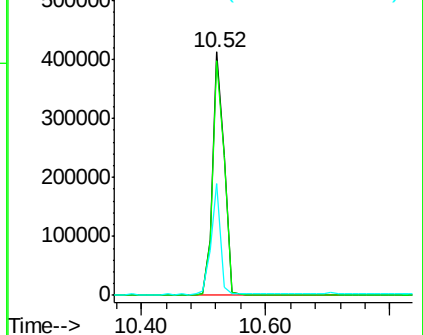
#41
 2,4,6-Tribromophenol
 Concen: 162.72 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092026.D
 Acq: 29 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampled :
 MW-7RE

Tot Ion:330 Resp: 524194
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.4 34.1 51.1

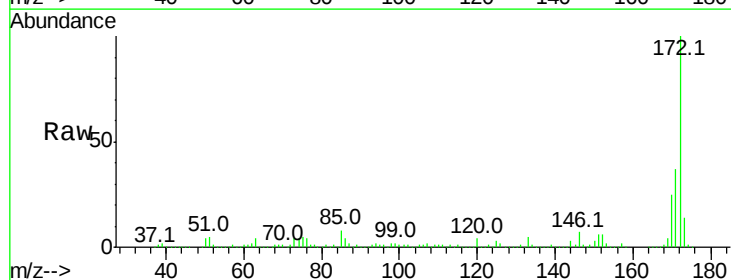


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

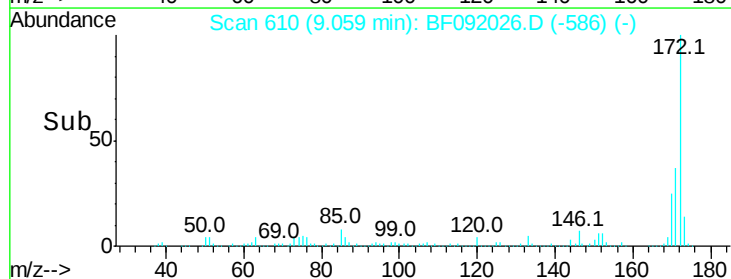
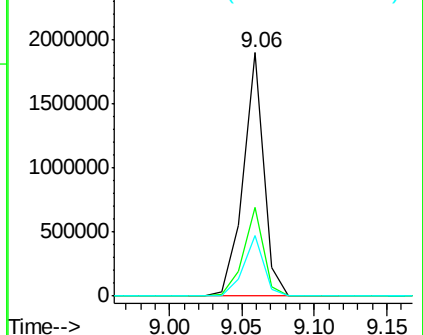


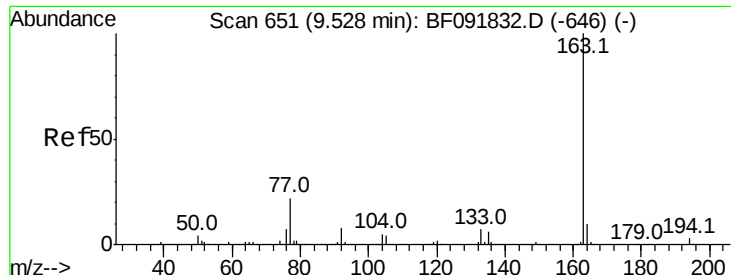
#44
 2-Fluorobiphenyl
 Concen: 100.46 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092026.D
 Acq: 29 Dec 2016 16:13

Tgt Ion:172 Resp: 1864080
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

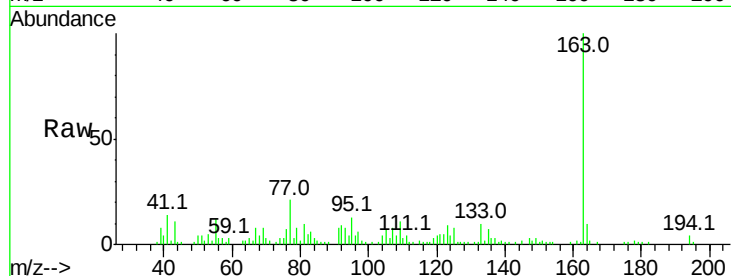




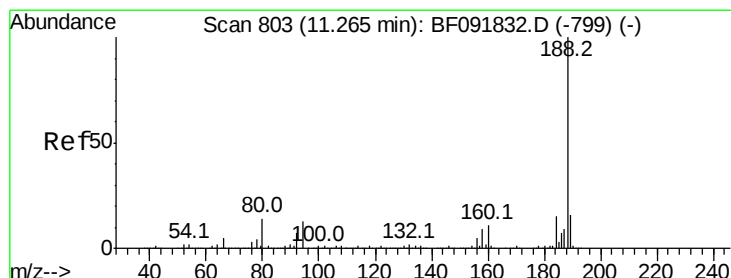
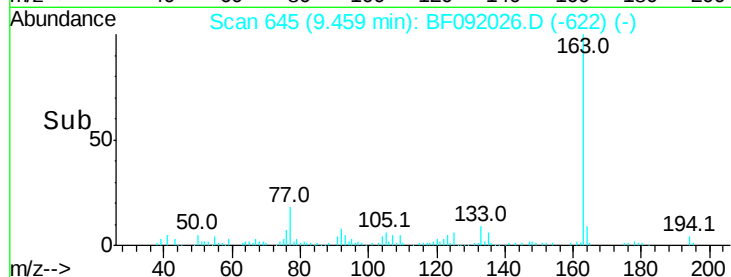
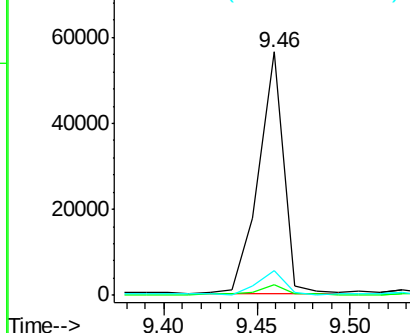
#49
Dimethylphthalate
Concen: 2.11 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
MW-7RE

Tot Ion:163 Resp: 52598
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 10.3 8.0 12.0

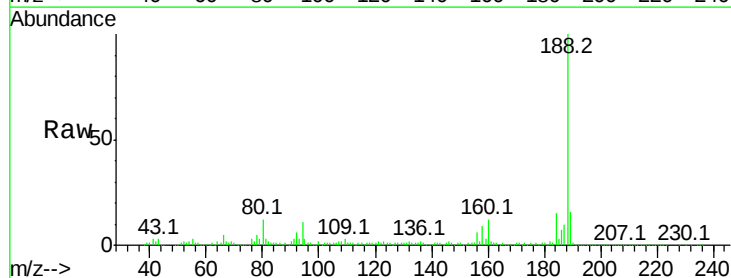


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

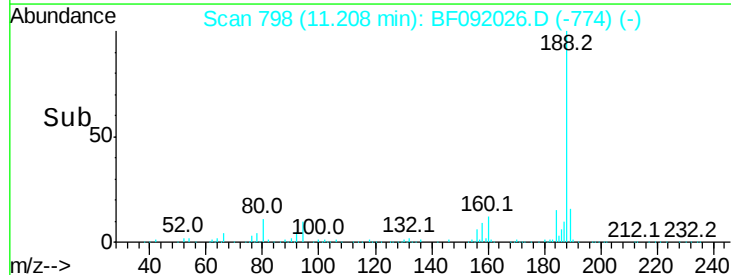
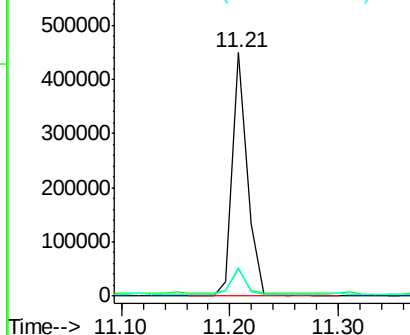


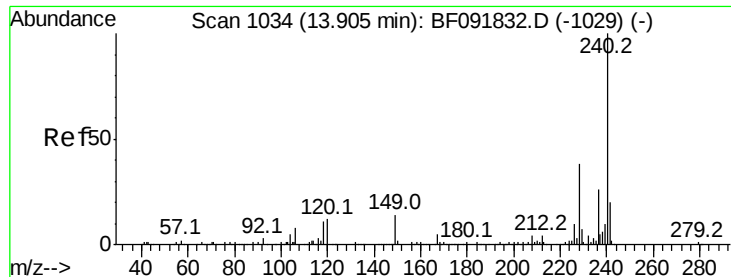
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Tgt Ion:188 Resp: 423145
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.8 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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

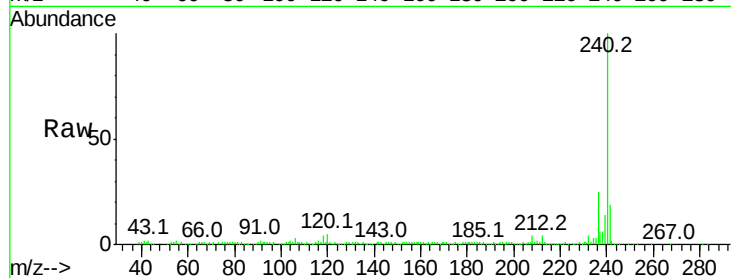
Tot Ion:240 Resp: 232696

Ion Ratio Lower Upper

240 100

120 5.2 12.9 19.3#

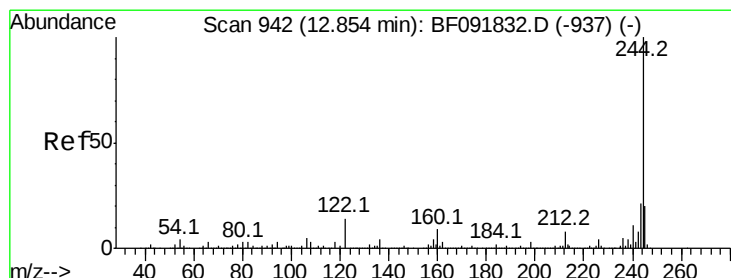
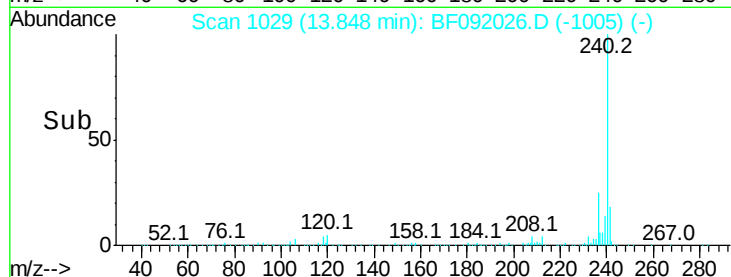
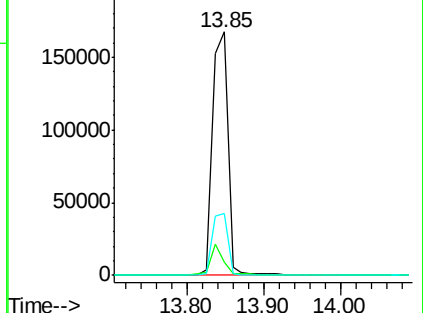
236 25.3 20.9 31.3



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: 132.96 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

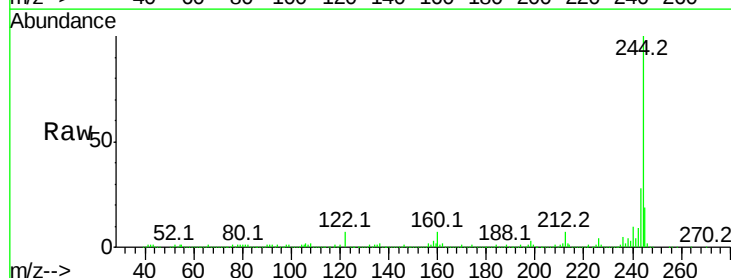
Tgt Ion:244 Resp: 1275682

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

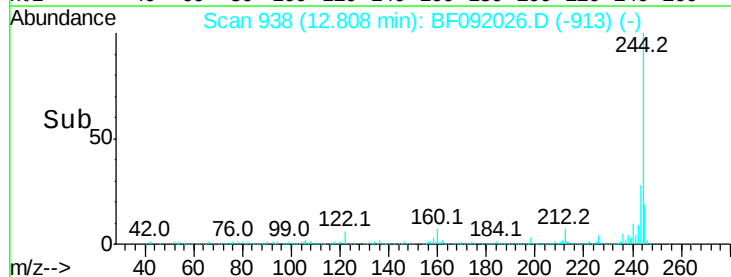
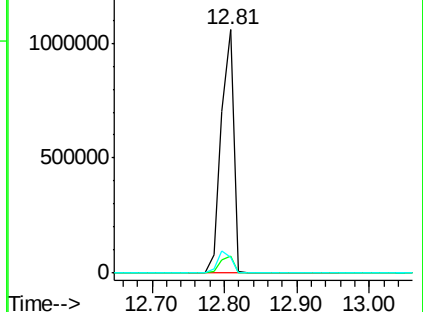
122 6.7 11.4 17.2#

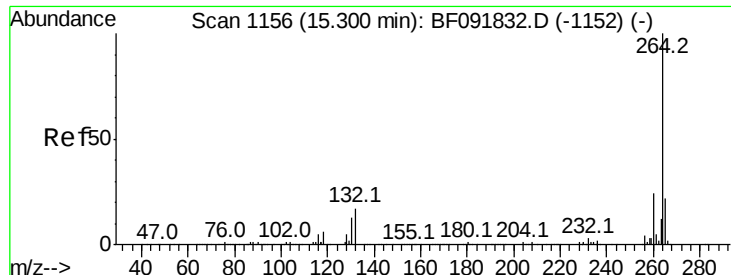


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
MW-7RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.4	26.0

