

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092492.D
 Acq On : 25 Jan 2017 22:25
 Operator : SJ/MA
 Sample : I1398-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-012017

Quant Time: Jan 26 10:38:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165544	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	671899	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	353134	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	593637	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	515399	20.00	ng	-0.02
86) Perylene-d12	15.62	264	421057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	700884	65.87	ng	0.00
7) Phenol-d6	6.58	99	683400	50.42	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1021098	83.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	371011	154.17	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1620007	84.83	ng	-0.01
78) Terphenyl-d14	13.11	244	1704270	88.05	ng	-0.01

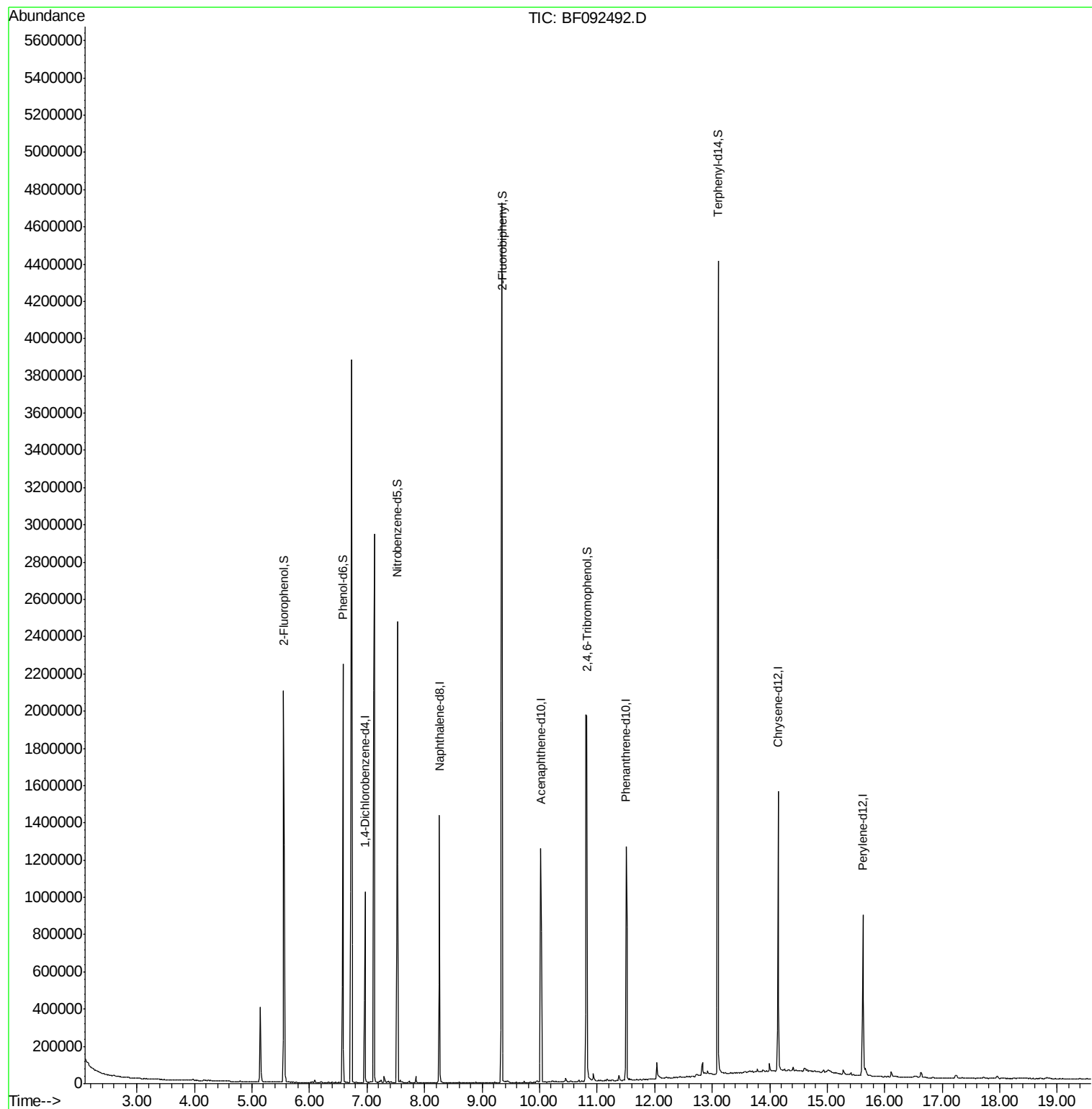
Target Compounds Qvalue

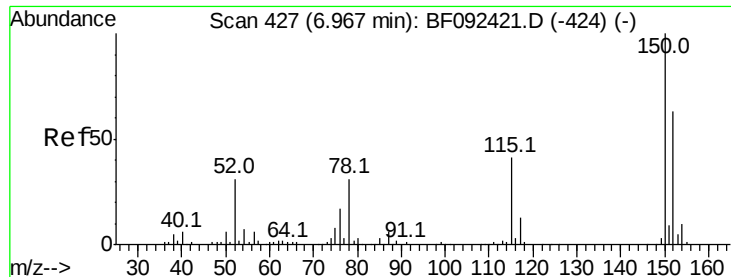
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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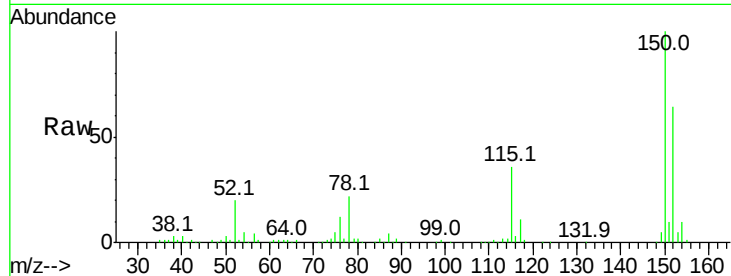


#1

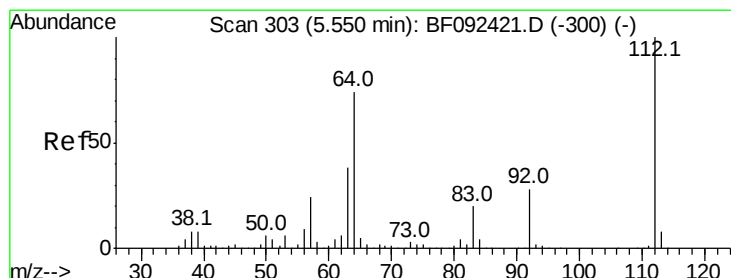
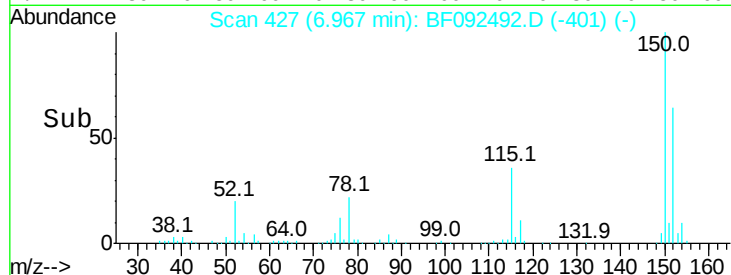
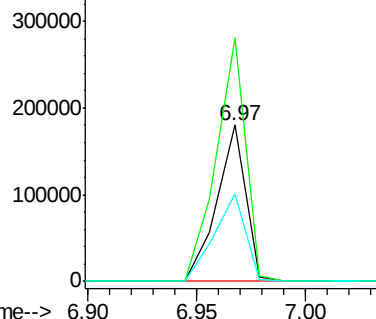
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Instrument :
BNA_F
ClientSampleId :
MW-6-012017

Tot Ion:152 Resp: 165544
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 55.9 46.0 69.0



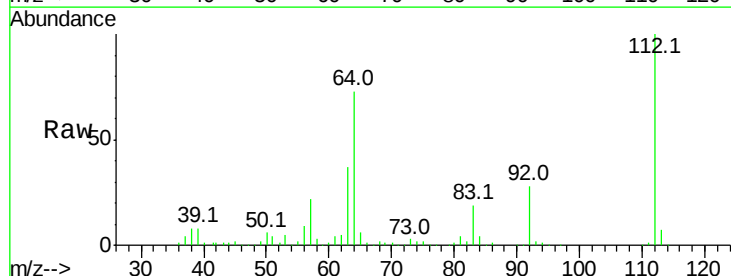
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



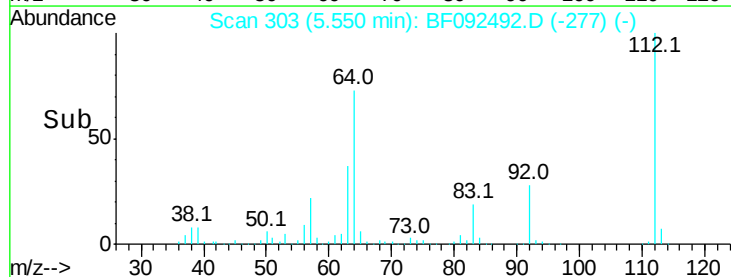
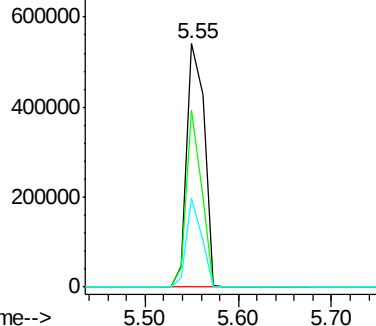
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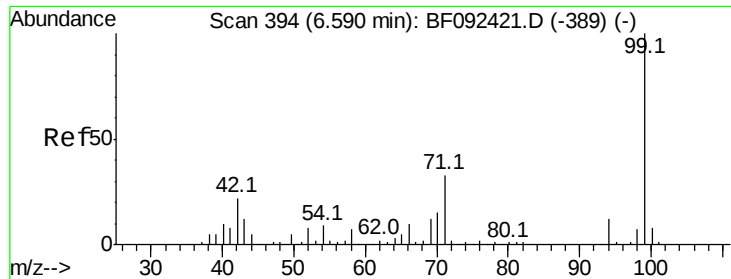
2-Fluorophenol
Concen: 65.87 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Tgt Ion:112 Resp: 700884
Ion Ratio Lower Upper
112 100
64 72.9 46.1 69.1#
63 36.5 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: 50.42 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

Instrument :

BNA_F

ClientSampleId :

MW-6-012017

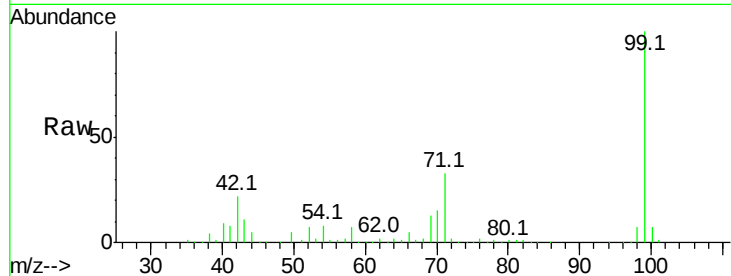
Tot Ion: 99 Resp: 683400

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

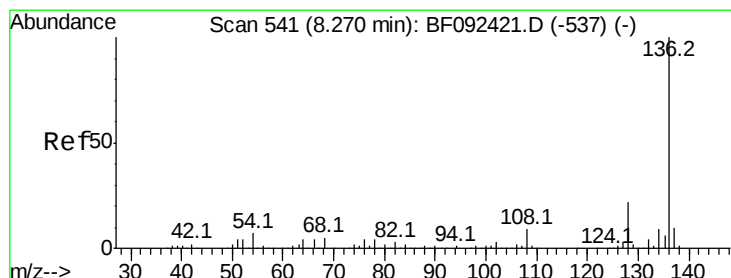
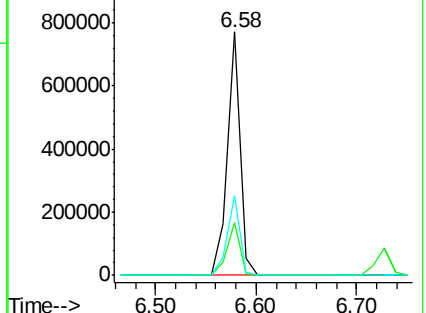
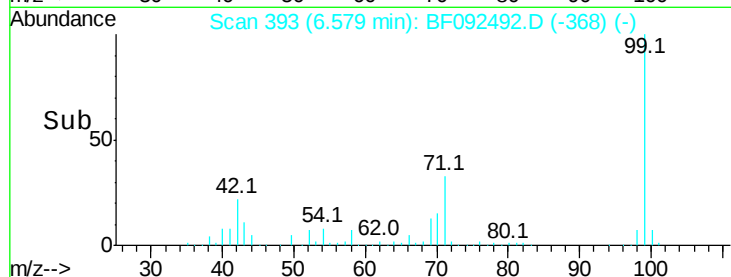
71 32.9 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

Tgt Ion: 136 Resp: 671899

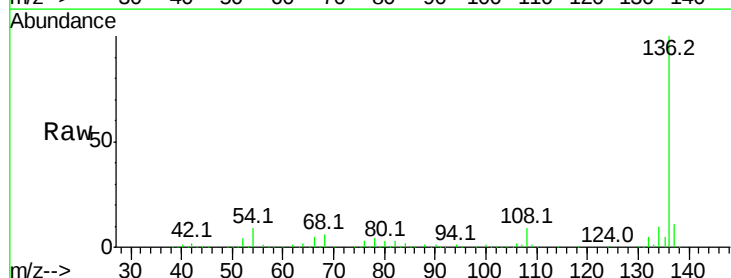
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.1 4.5 6.7#

68 6.4 3.6 5.4#

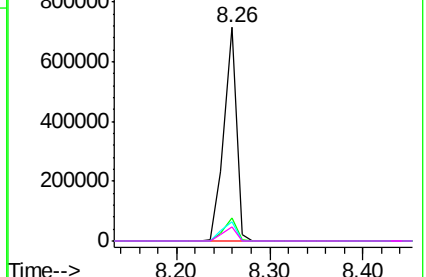
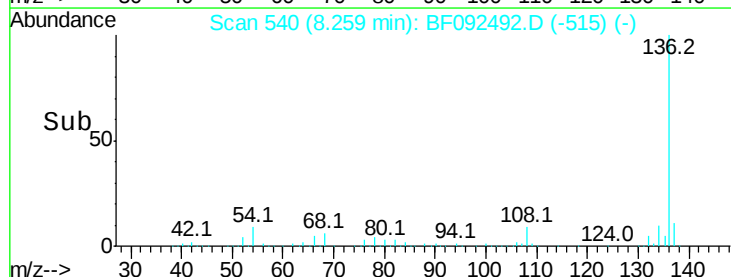


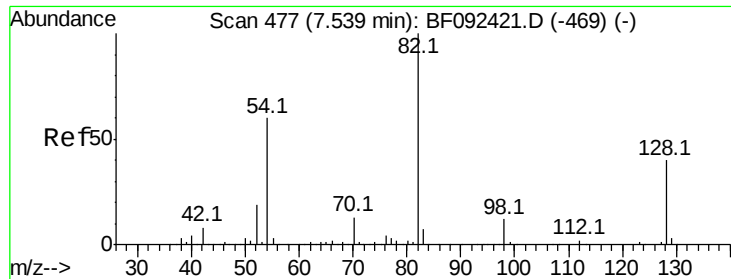
Abundance Ion 136.00 (135.70 to 136.70): E

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

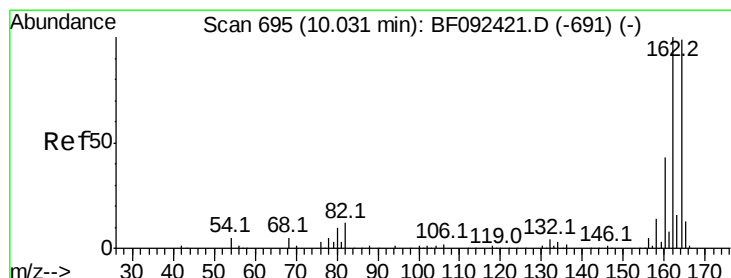
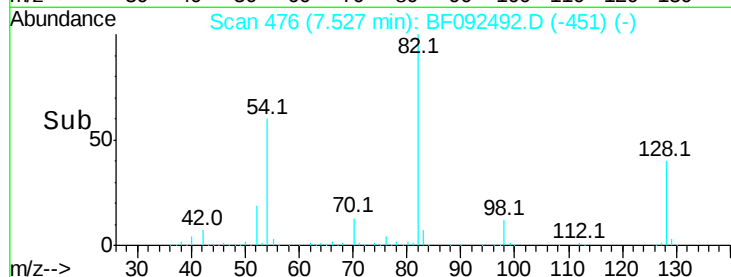
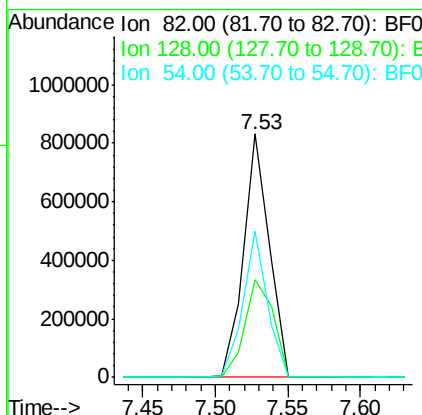
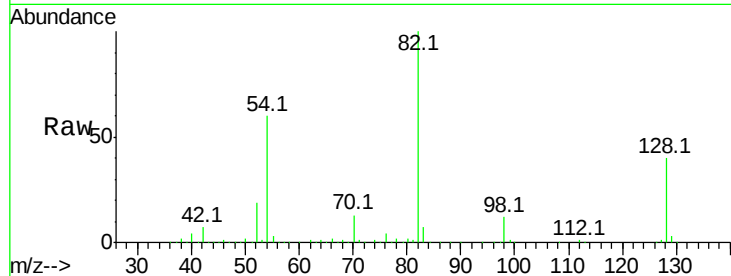




#23
 Nitrobenzene-d5
 Concen: 83.01 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

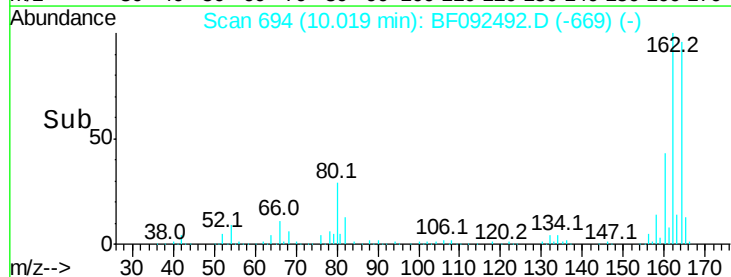
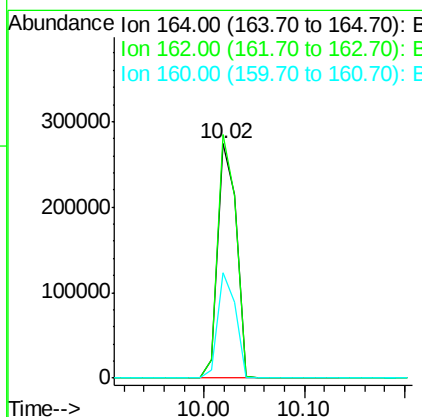
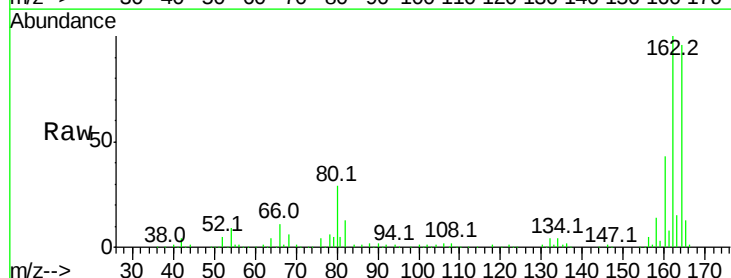
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-012017

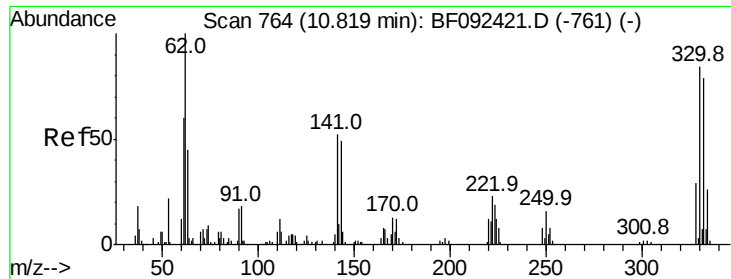
Tot Ion: 82 Resp: 1021098
 Ion Ratio Lower Upper
 82 100
 128 40.0 34.6 52.0
 54 60.2 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

Tgt Ion:164 Resp: 353134
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.2 120.2
 160 44.8 36.9 55.3

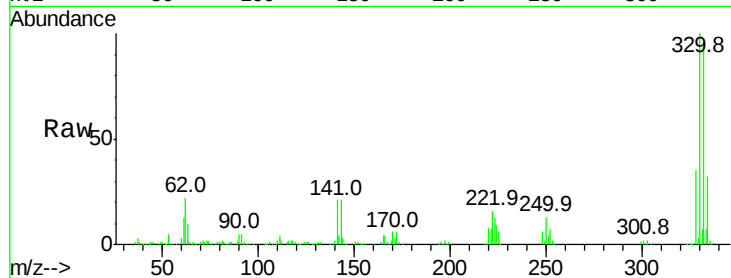




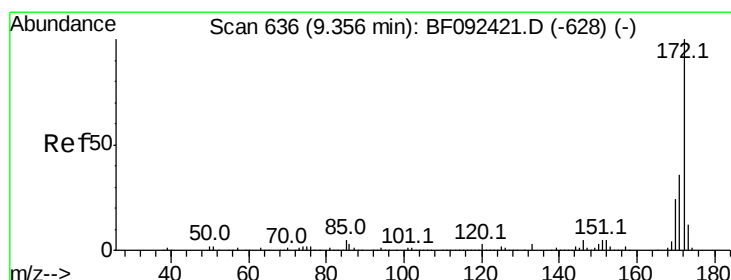
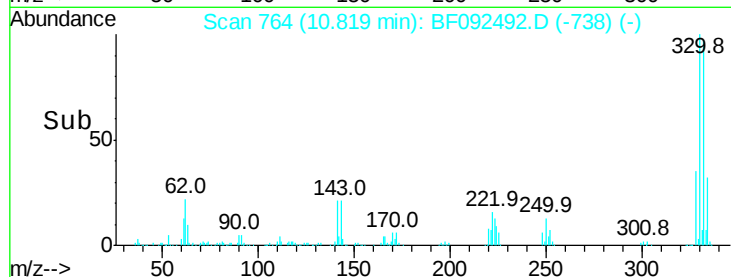
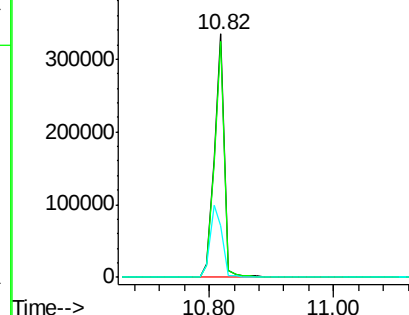
#41
 2,4,6-Tribromophenol
 Concen: 154.17 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-012017

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	36.5	34.1	51.1

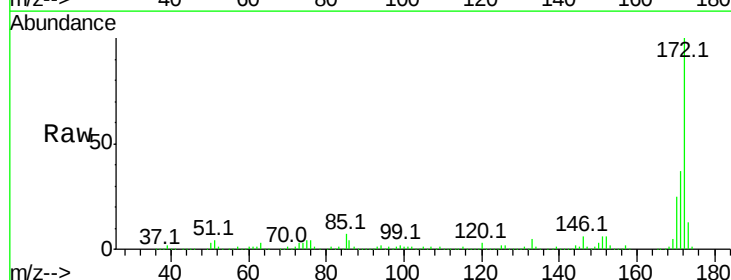


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

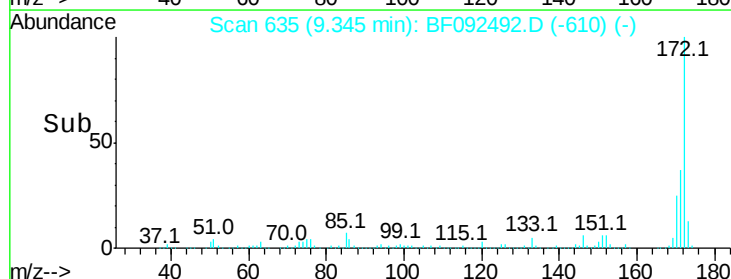
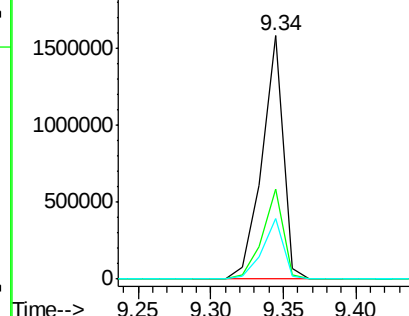


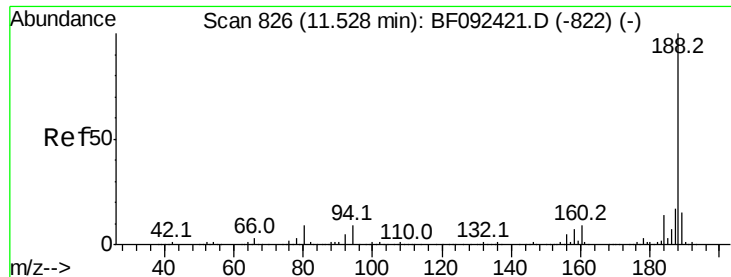
#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.9	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

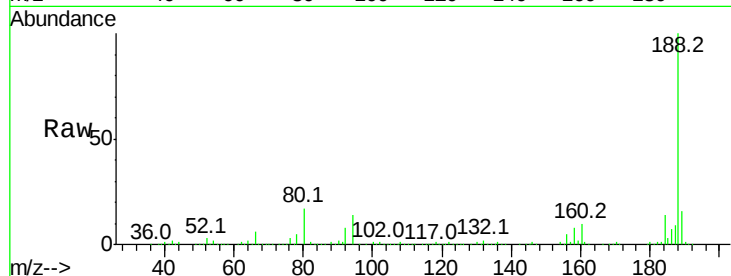




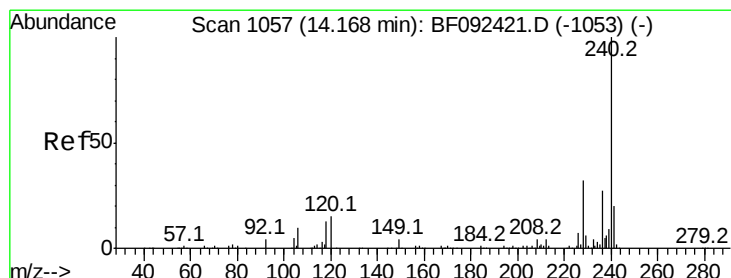
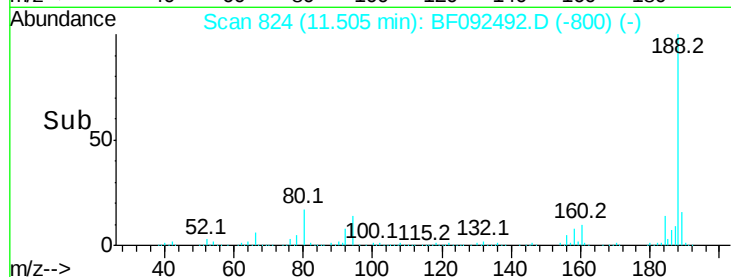
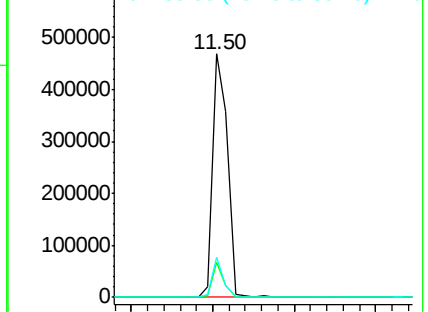
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Instrument :
BNA_F
ClientSampleId :
MW-6-012017

Tot Ion	Ratio	Lower	Upper
188	100		
94	14.2	10.0	15.0
80	16.6	11.2	16.8

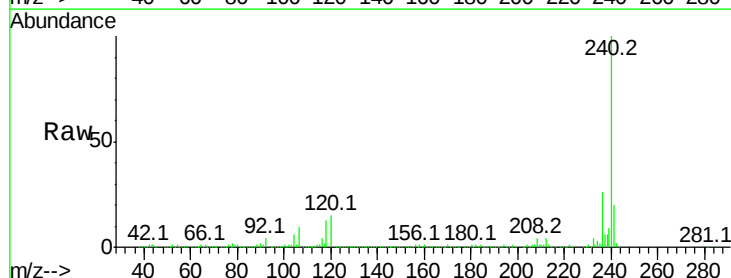


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

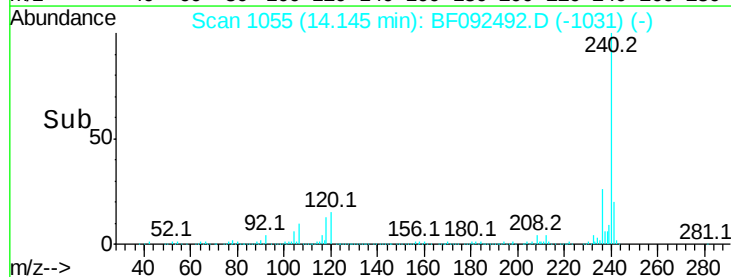
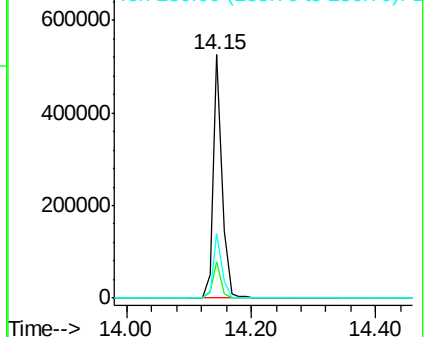


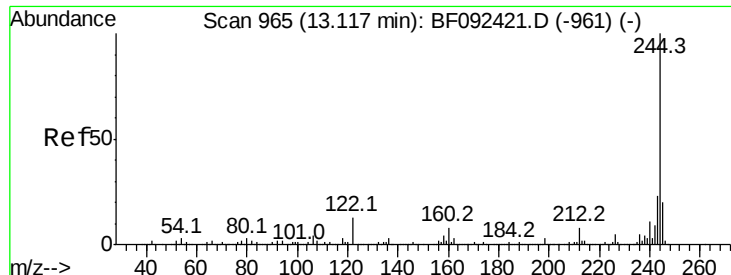
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	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

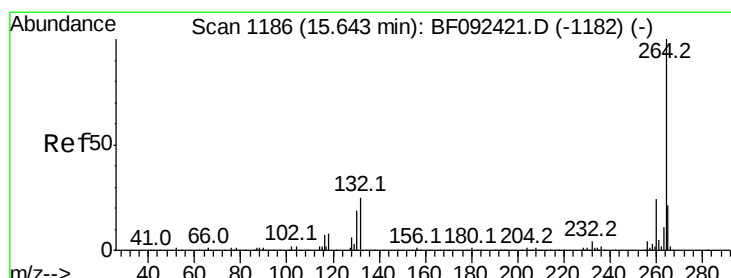
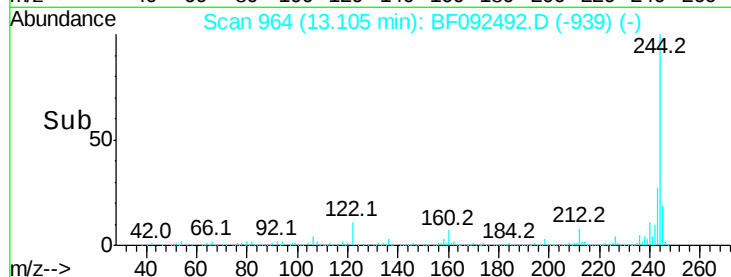
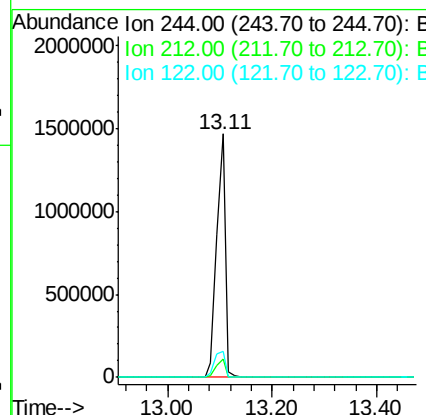
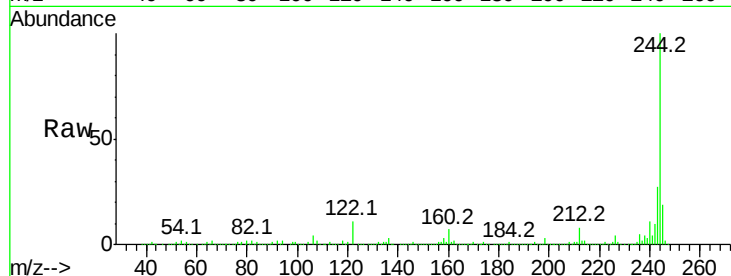




#78
 Terphenyl-d14
 Concen: 88.05 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

Instrument :
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Tot Ion:244 Resp: 1704270
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.9 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

Tgt Ion:264 Resp: 421057
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.2 17.4 26.0

