

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091924.D
 Acq On : 23 Dec 2016 15:28
 Operator : UM/SJ
 Sample : H6156-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Quant Time: Dec 23 22:22:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	204066	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	813856	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	434390	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	717277	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	544909	20.00	ng	-0.02
86) Perylene-d12	15.28	264	409259	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	865161	70.79	ng	0.03
7) Phenol-d6	6.43	99	728593	48.83	ng	0.02
23) Nitrobenzene-d5	7.31	82	1388081	94.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	506104	140.78	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2153665	104.55	ng	-0.01
78) Terphenyl-d14	12.84	244	1885242	83.91	ng	-0.01

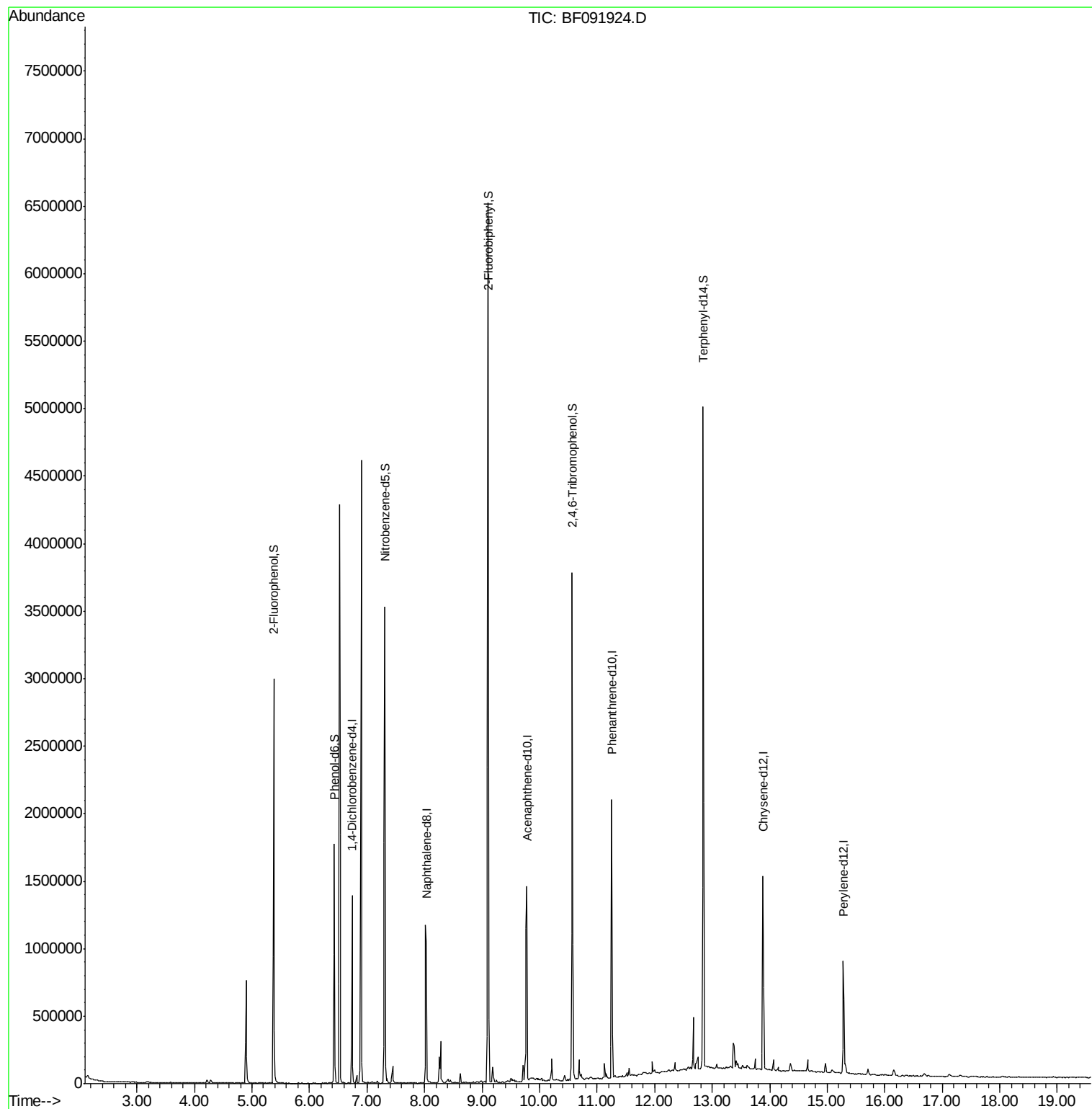
Target Compounds Qvalue

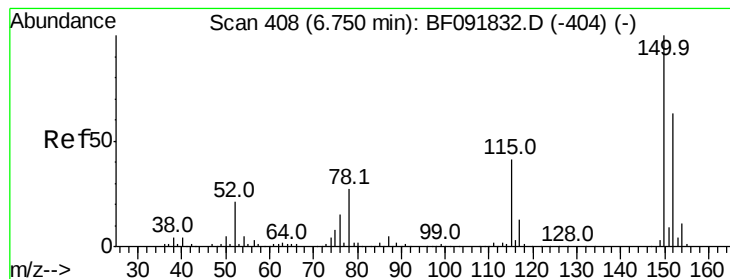
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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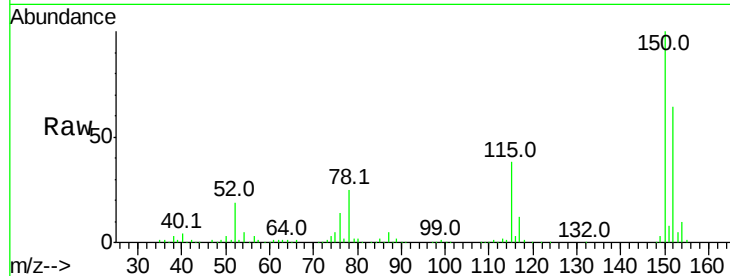


#1

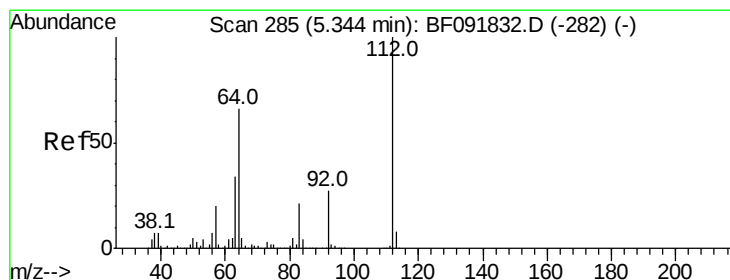
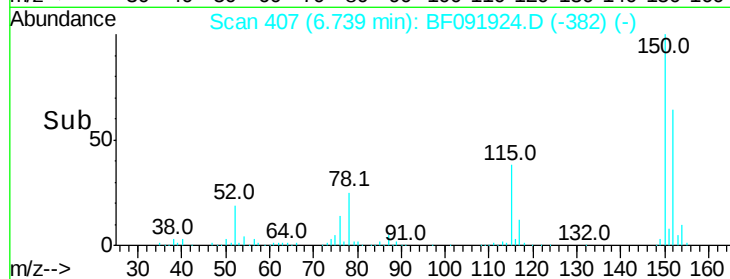
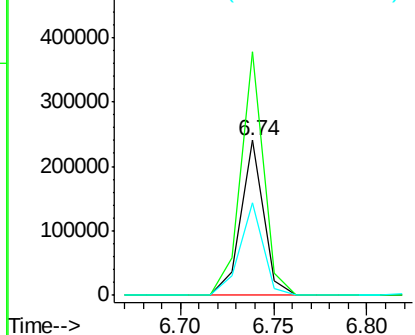
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091924.D
Acq: 23 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
MW-11A

Tot Ion:152 Resp: 204066
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 59.7 46.0 69.0



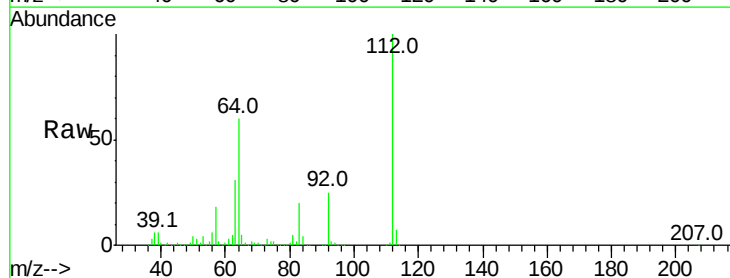
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



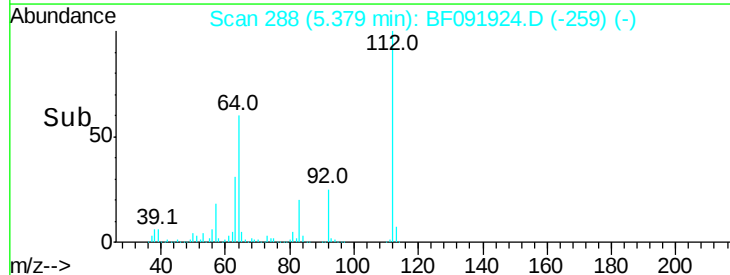
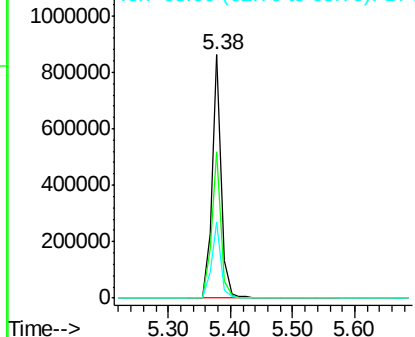
#5

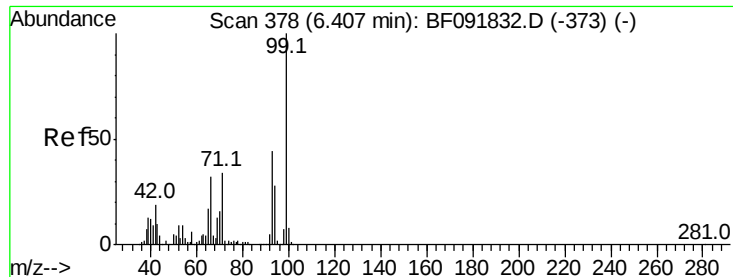
2-Fluorophenol
Concen: 70.79 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091924.D
Acq: 23 Dec 2016 15:28

Tgt Ion:112 Resp: 865161
Ion Ratio Lower Upper
112 100
64 60.3 46.1 69.1
63 31.4 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: 48.83 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Instrument :

BNA_F

ClientSampleId :

MW-11A

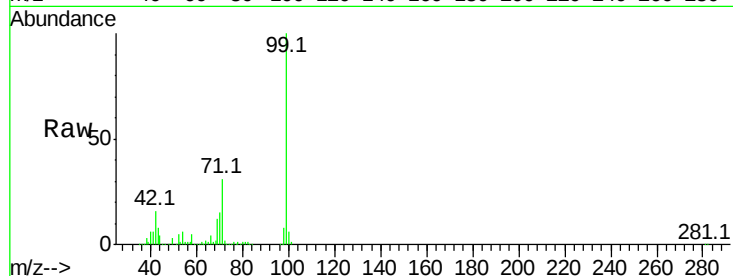
Tot Ion: 99 Resp: 728593

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

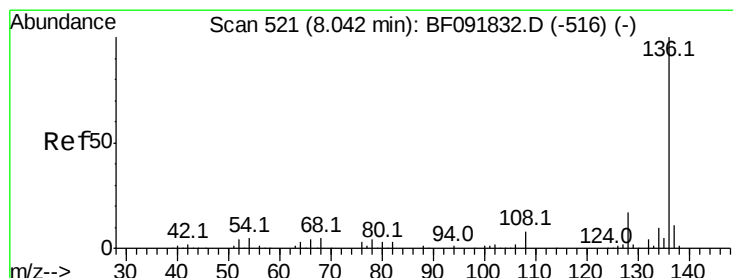
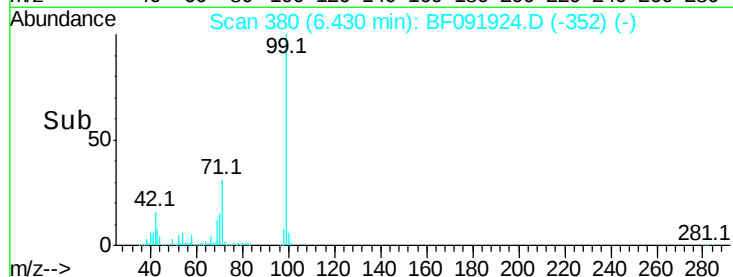
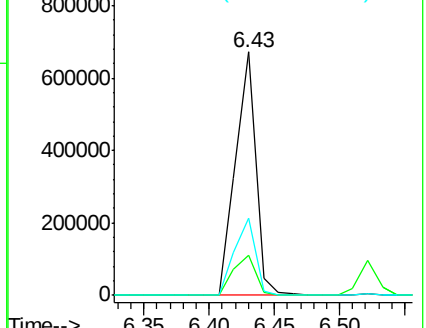
71 31.5 27.5 41.3



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: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091924.D

Acq: 23 Dec 2016 15:28

Tgt Ion: 136 Resp: 813856

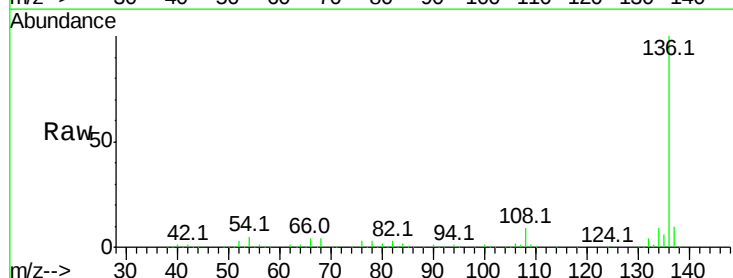
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 5.2 4.5 6.7

68 4.1 3.6 5.4

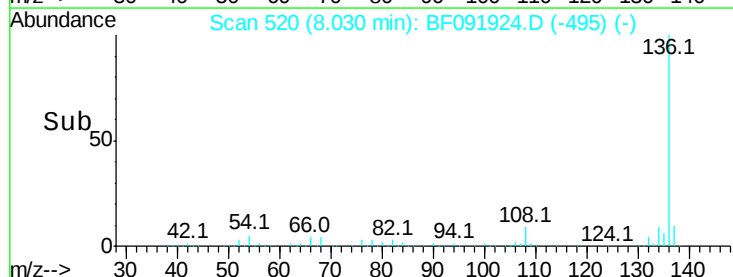
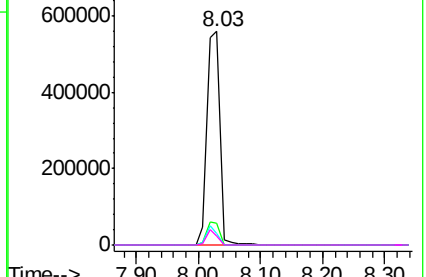


Abundance Ion 136.00 (135.70 to 136.70): E

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



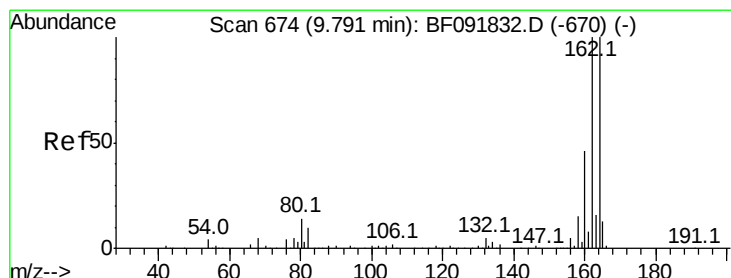
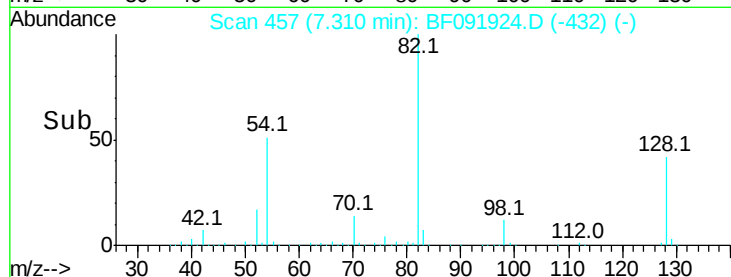
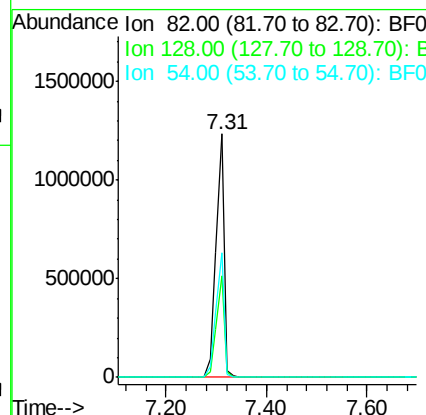
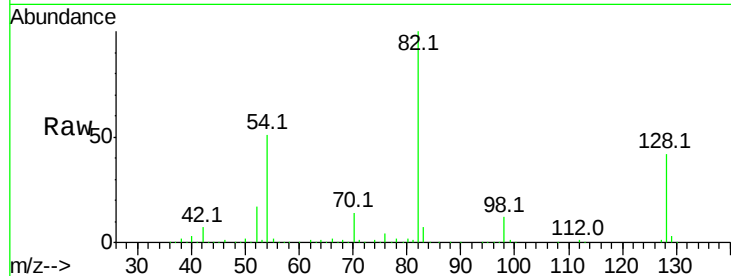


#23
 Nitrobenzene-d5
 Concen: 94.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tot Ion: 82 Resp: 1388081

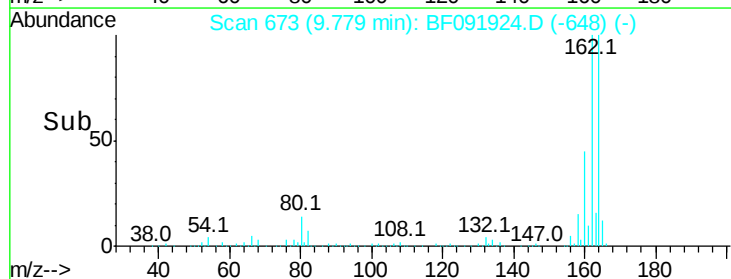
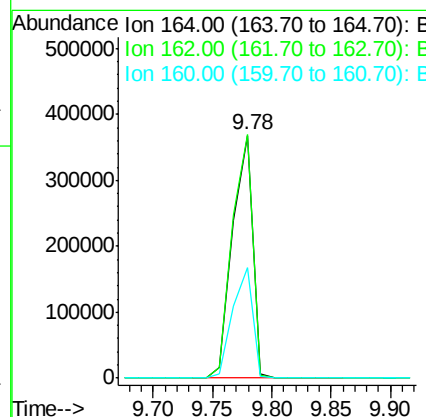
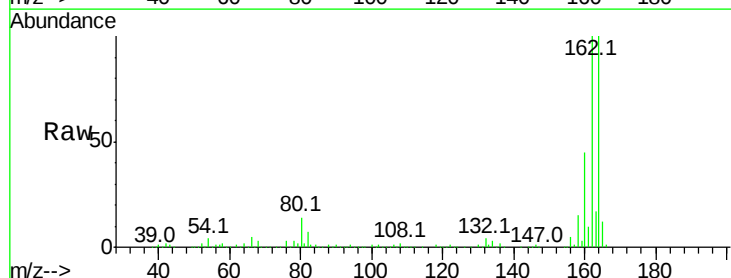
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	51.4	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Tgt Ion:164 Resp: 434390

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	45.4	36.9	55.3

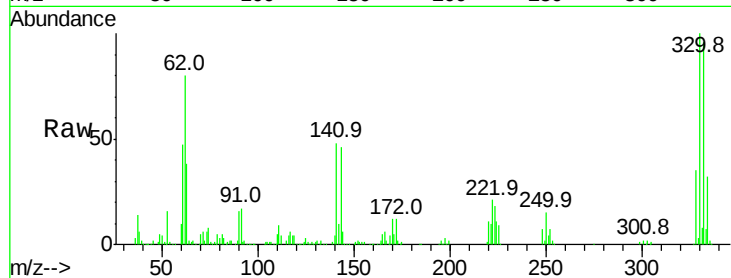




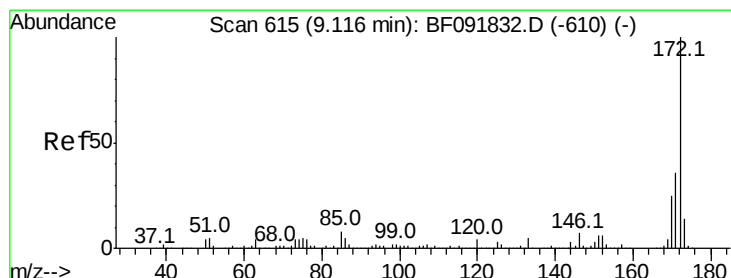
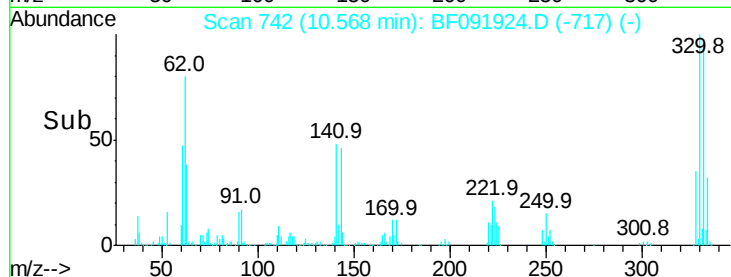
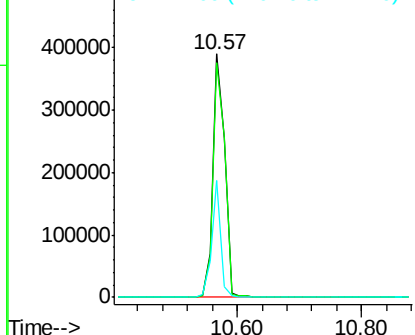
#41
 2,4,6-Tribromophenol
 Concen: 140.78 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tot Ion:330 Resp: 506104
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 37.4 34.1 51.1

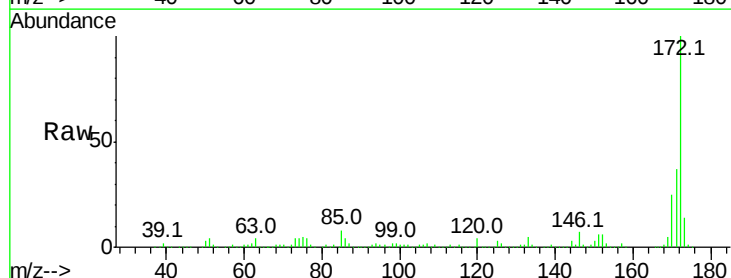


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

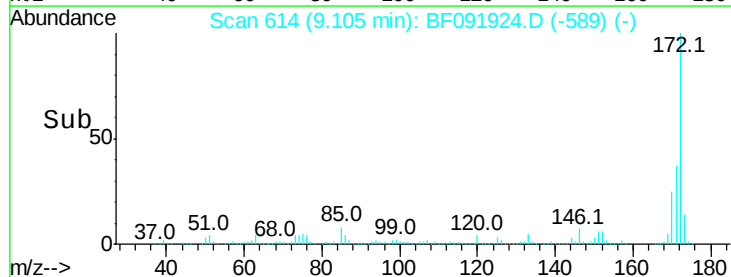
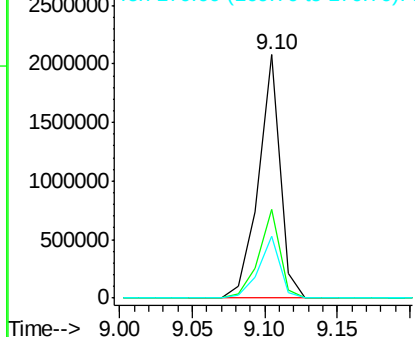


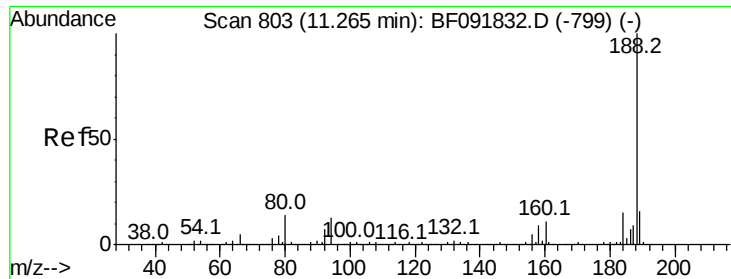
#44
 2-Fluorobiphenyl
 Concen: 104.55 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Tgt Ion:172 Resp: 2153665
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.2 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

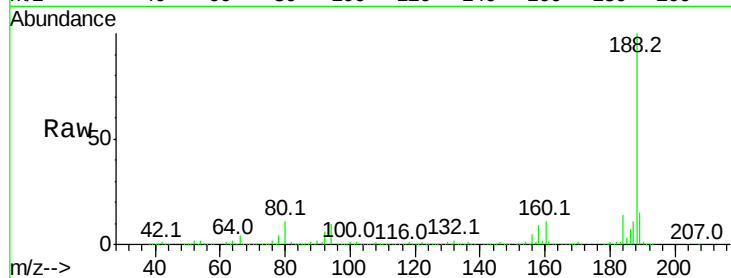




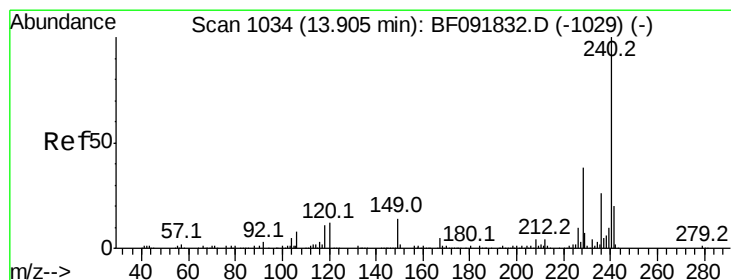
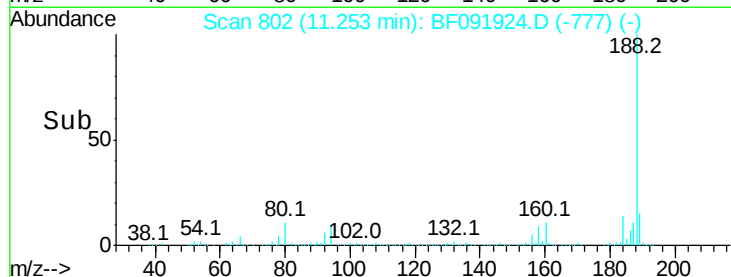
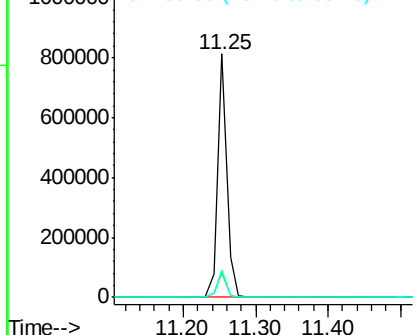
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091924.D
Acq: 23 Dec 2016 15:28

Instrument :
BNA_F
ClientSampleId :
MW-11A

Tot Ion:188 Resp: 717277
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 11.4 11.2 16.8

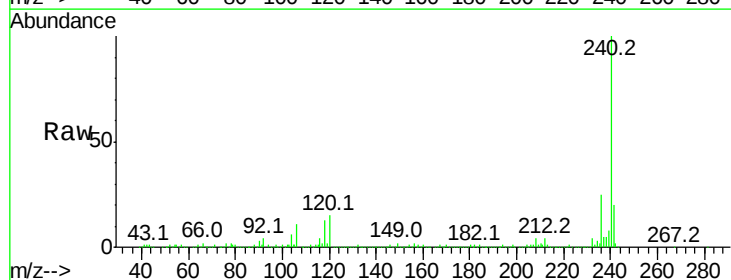


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

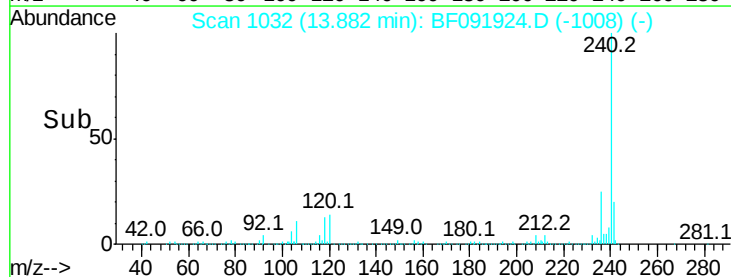
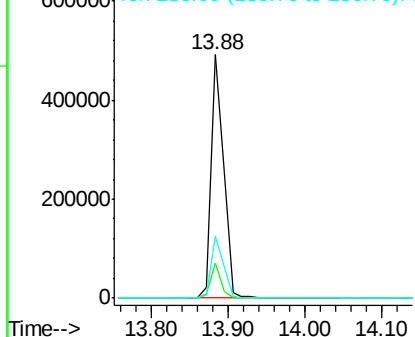


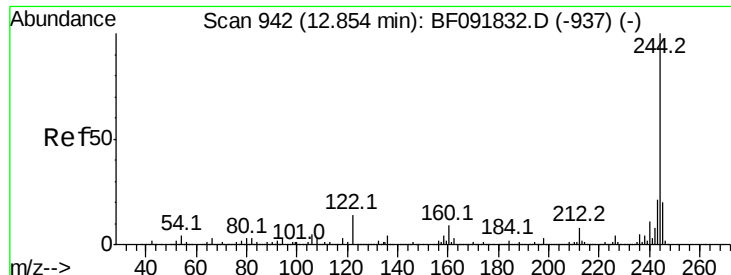
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091924.D
Acq: 23 Dec 2016 15:28

Tgt Ion:240 Resp: 544909
Ion Ratio Lower Upper
240 100
120 14.5 12.9 19.3
236 25.5 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

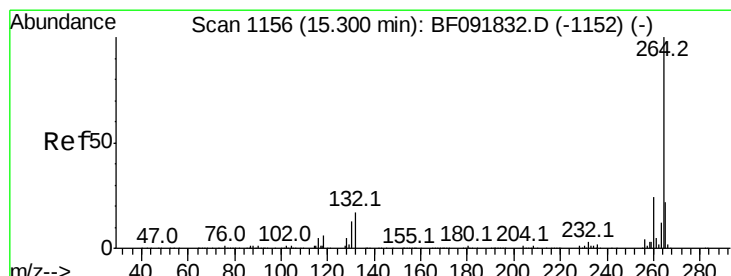
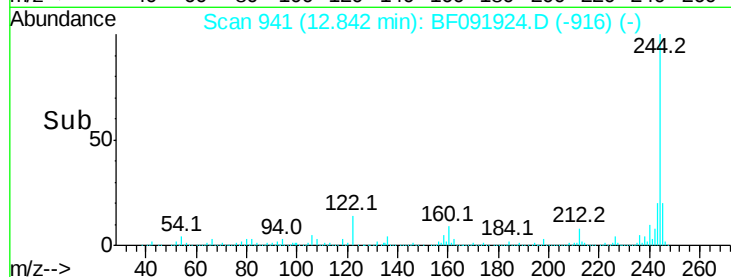
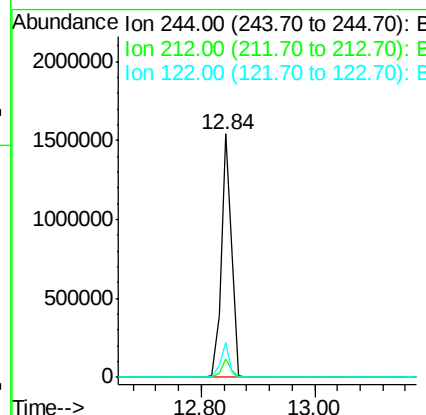
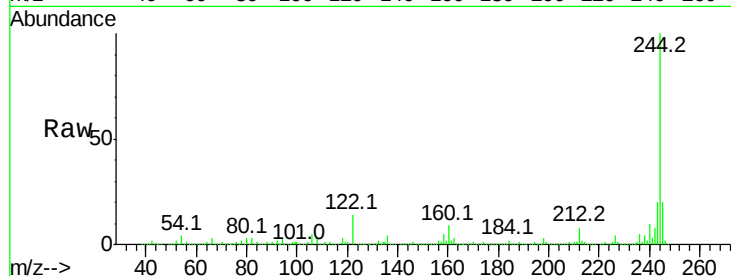




#78
 Terphenyl-d14
 Concen: 83.91 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tot Ion:244 Resp: 1885242
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF091924.D
 Acq: 23 Dec 2016 15:28

Tgt Ion:264 Resp: 409259
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.0 17.4 26.0

