

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091797.D
 Acq On : 20 Dec 2016 2:20
 Operator : UM/SJ
 Sample : H6126-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Dec 20 03:35:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	255935	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1000105	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	493910	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	840201	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	600099	20.00	ng	-0.02
86) Perylene-d12	15.30	264	489066	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1206732	78.99	ng	0.00
7) Phenol-d6	6.41	99	823150	44.18	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1765405	101.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	583571	139.34	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2674461	108.79	ng	-0.01
78) Terphenyl-d14	12.87	244	1987824	83.64	ng	-0.01

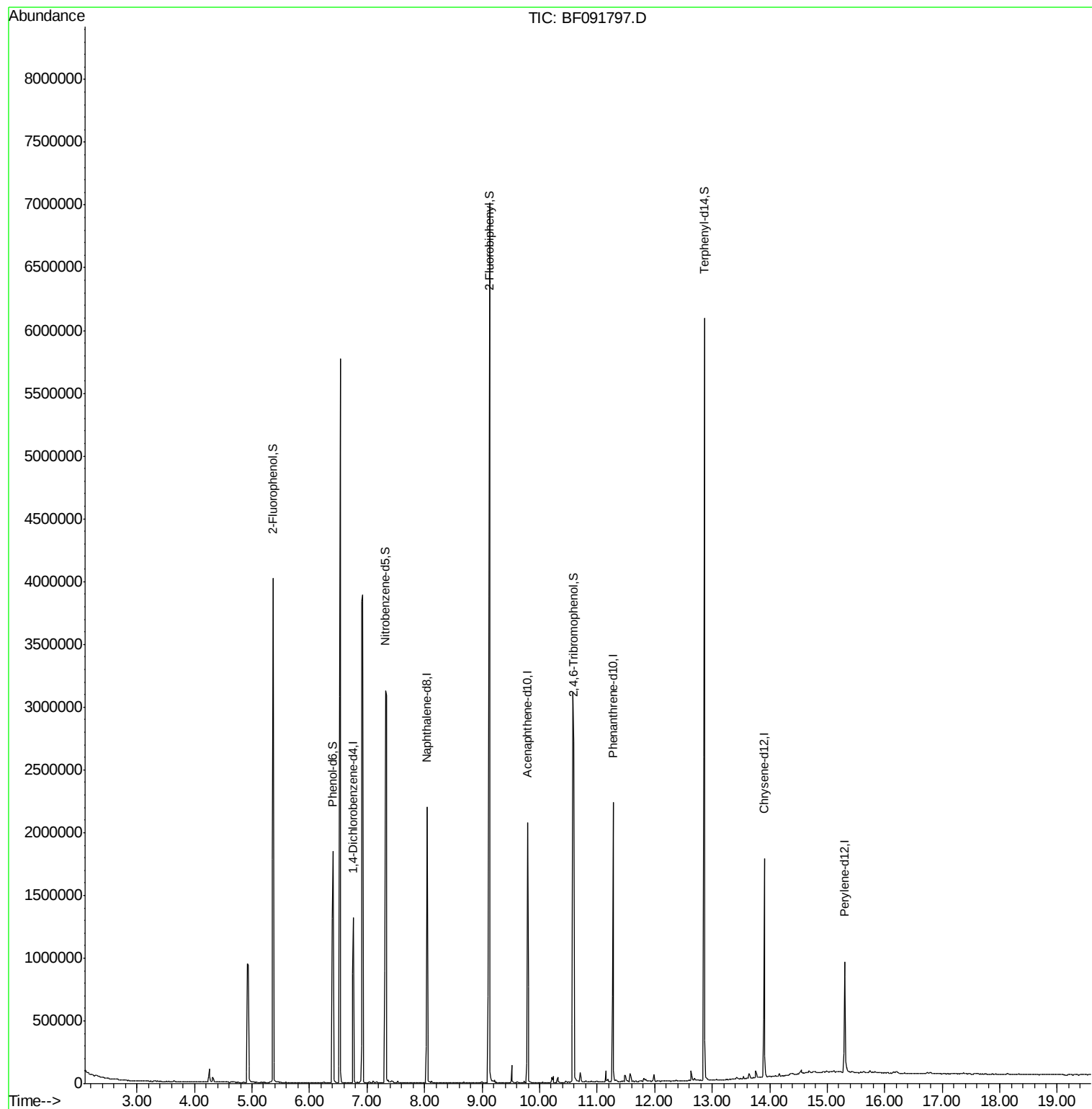
Target Compounds Qvalue

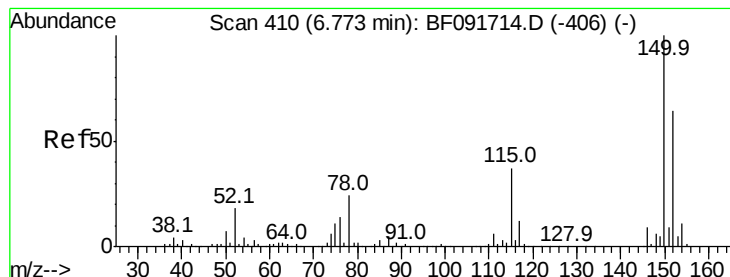
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

Instrument :

BNA_F

ClientSampleId :

MW-34

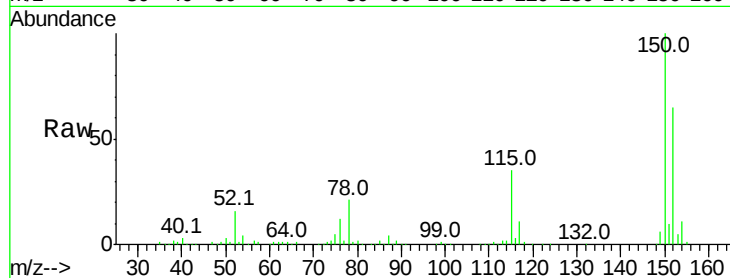
Tot Ion:152 Resp: 255935

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

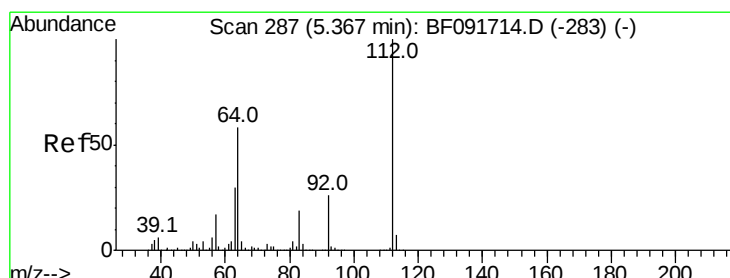
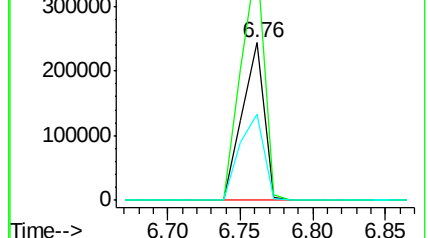
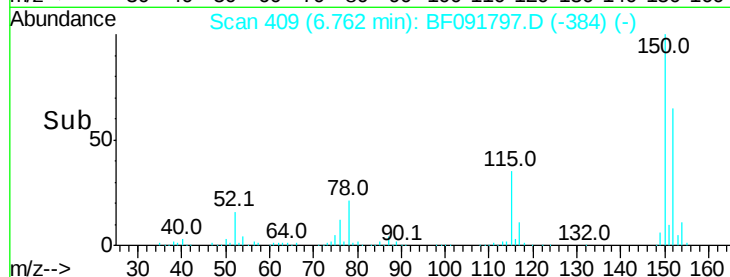
115 54.6 46.0 69.0



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: 78.99 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

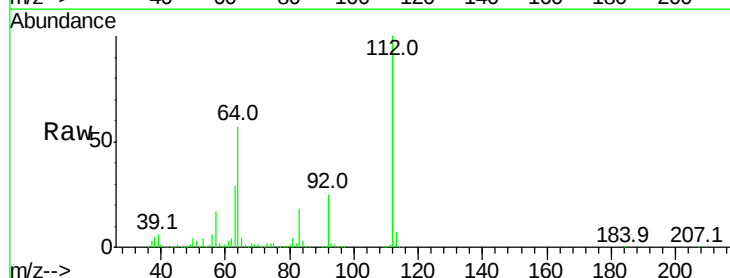
Tgt Ion:112 Resp: 1206732

Ion Ratio Lower Upper

112 100

64 57.0 46.1 69.1

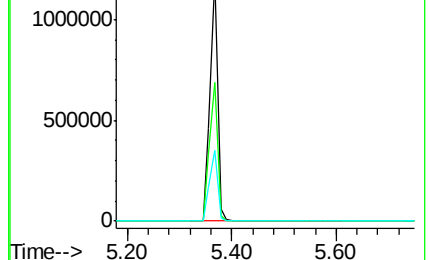
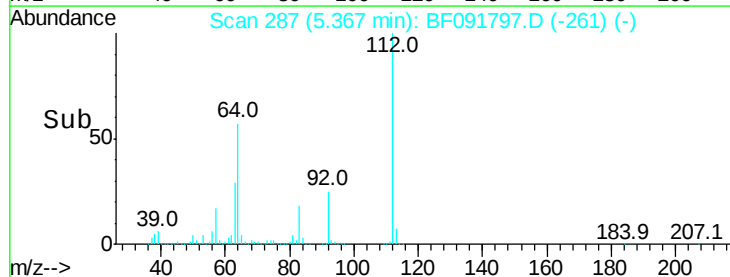
63 29.1 23.8 35.6

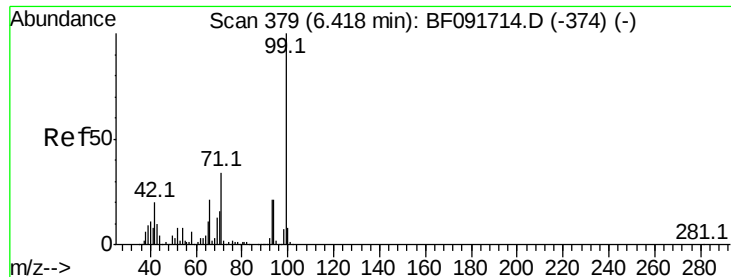


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.18 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

Instrument :

BNA_F

ClientSampled :

MW-34

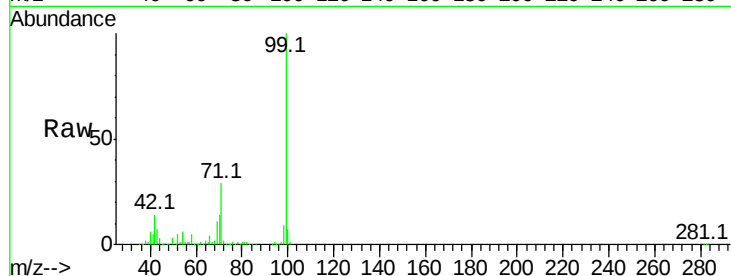
Tot Ion: 99 Resp: 823150

Ion Ratio Lower Upper

99 100

42 14.0 15.6 23.4#

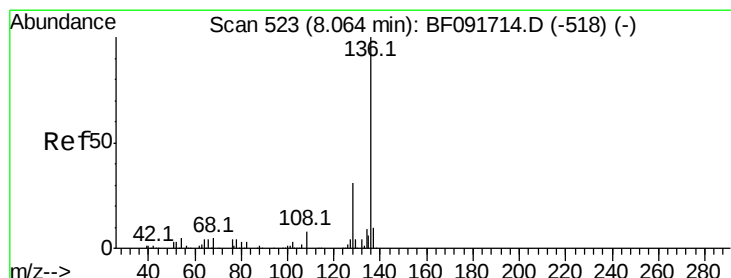
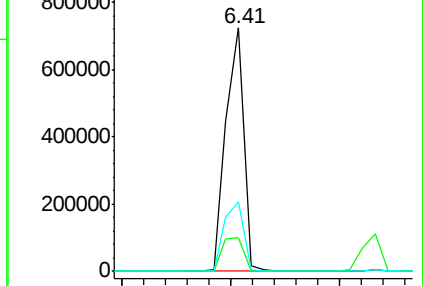
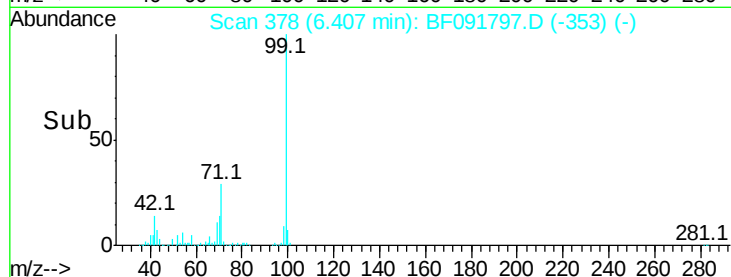
71 28.6 27.5 41.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

Tgt Ion: 136 Resp: 1000105

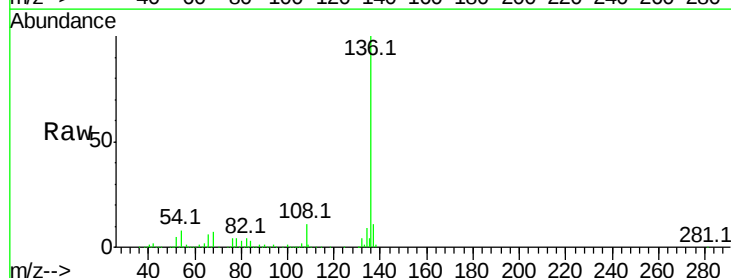
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.5 4.5 6.7#

68 6.7 3.6 5.4#

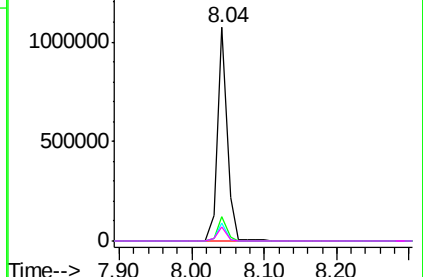
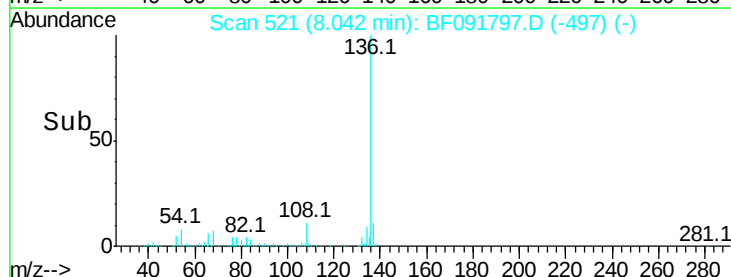


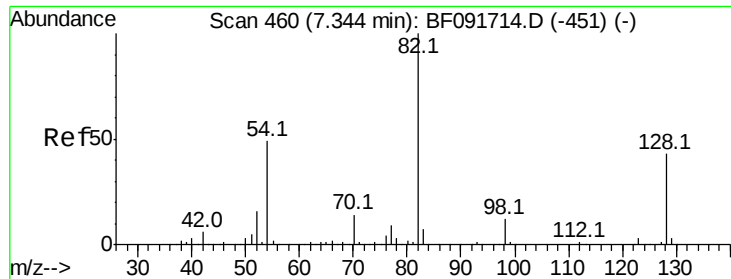
Abundance Ion 136.00 (135.70 to 136.70): E

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

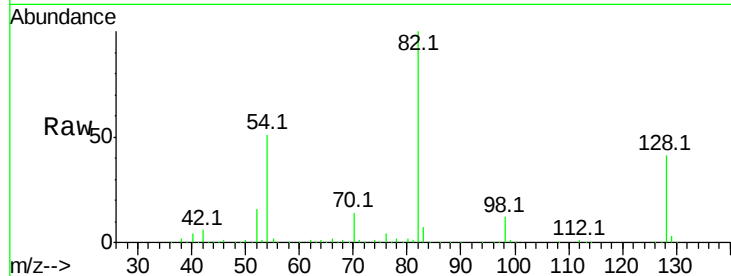




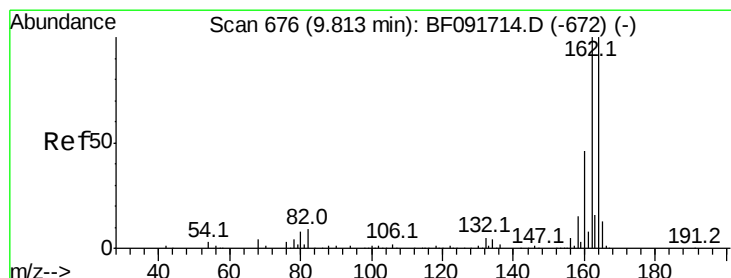
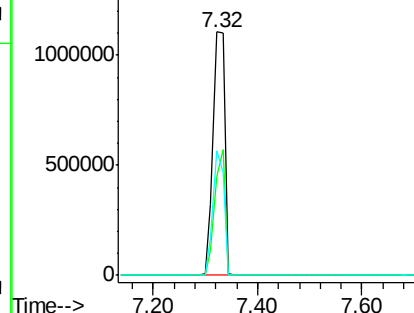
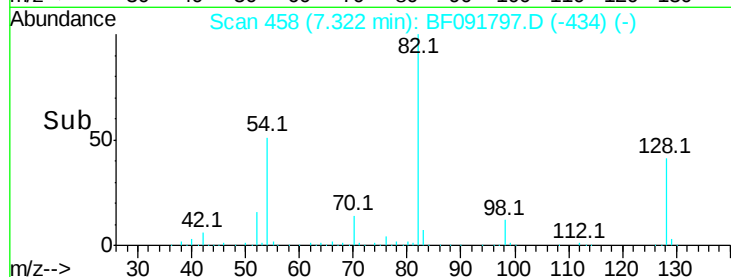
#23
 Nitrobenzene-d5
 Concen: 101.80 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Instrument :
 BNA_F
 ClientSampled :
 MW-34

Tot Ion: 82 Resp: 1765405
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 52.0
 54 51.2 39.5 59.3

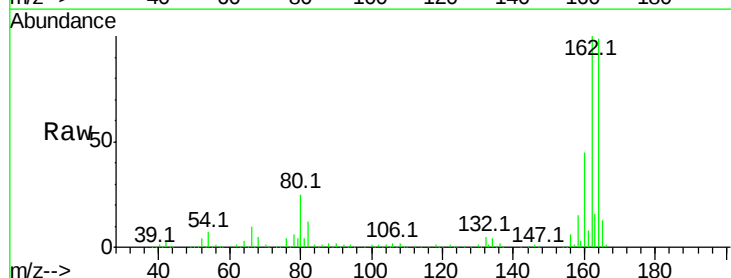


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

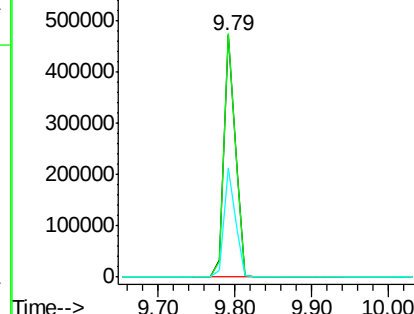
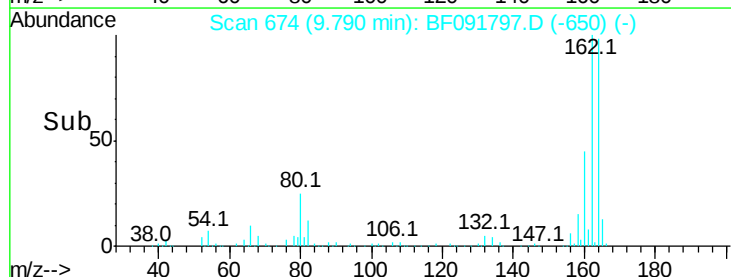


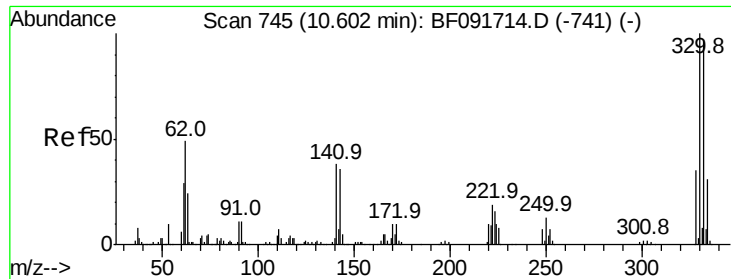
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Tgt Ion:164 Resp: 493910
 Ion Ratio Lower Upper
 164 100
 162 100.5 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

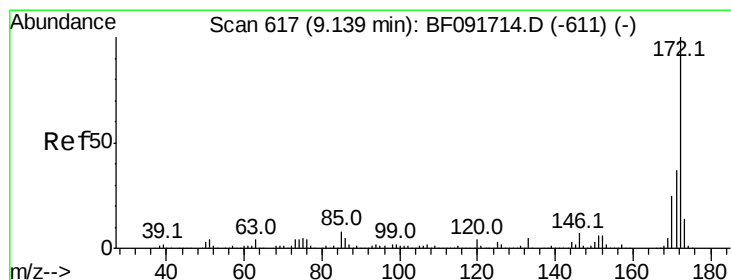
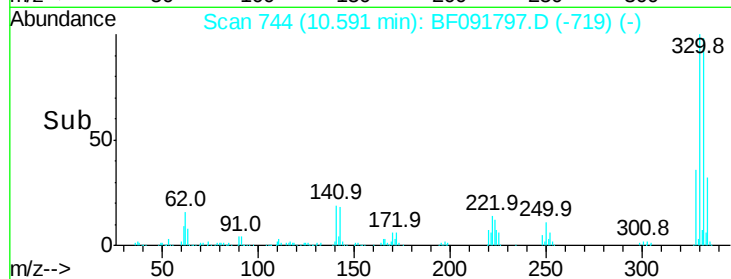
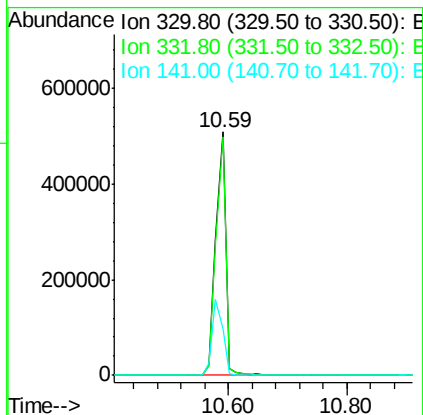
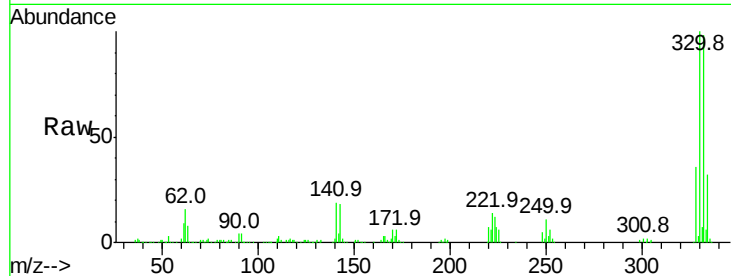




#41
 2,4,6-Tribromophenol
 Concen: 139.34 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

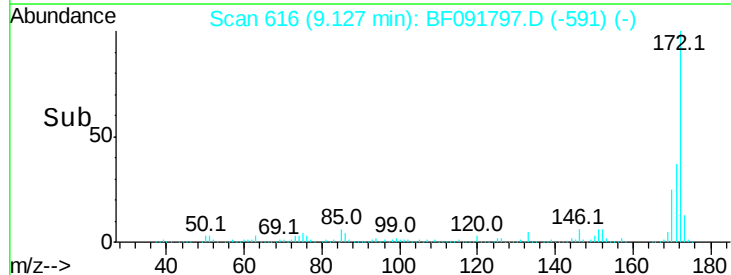
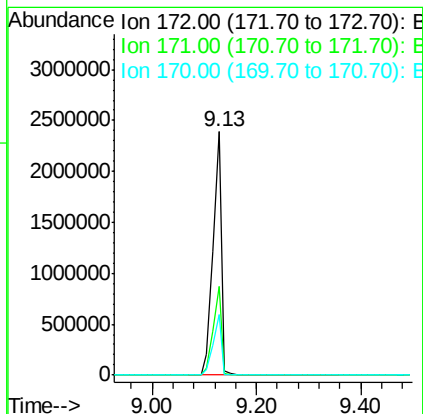
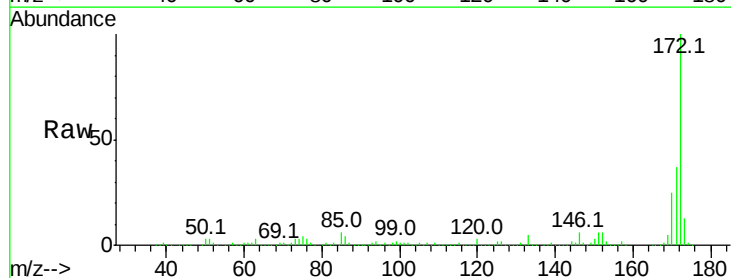
Instrument :
 BNA_F
 ClientSampleId :
 MW-34

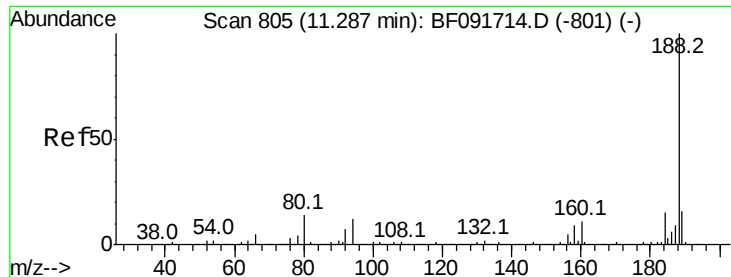
Tot Ion:330 Resp: 583571
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 33.9 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 108.79 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Tgt Ion:172 Resp: 2674461
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.8 20.2 30.4

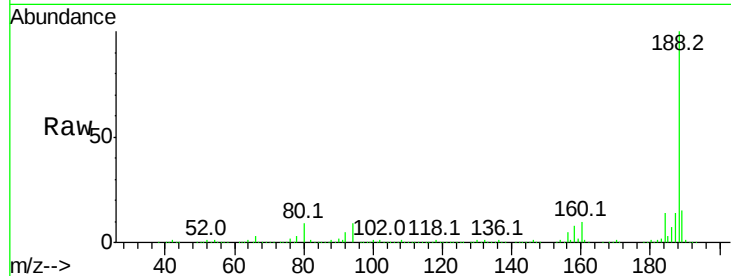




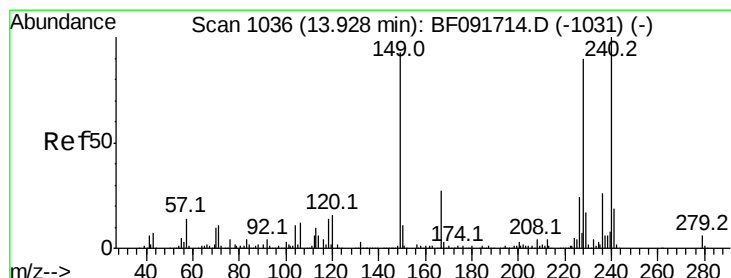
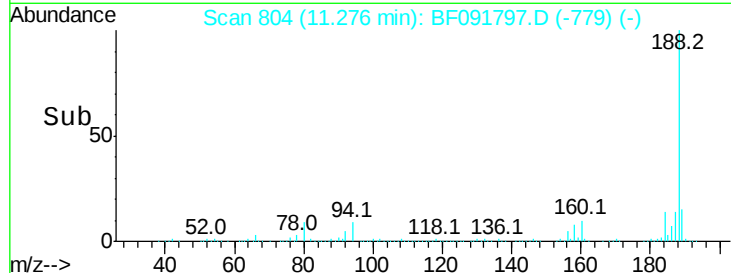
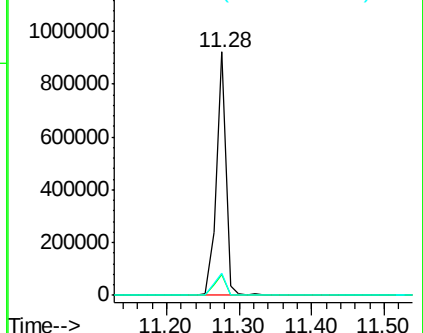
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091797.D
Acq: 20 Dec 2016 2:20

Instrument :
BNA_F
ClientSampleId :
MW-34

Tot Ion:188 Resp: 840201
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 9.1 11.2 16.8#

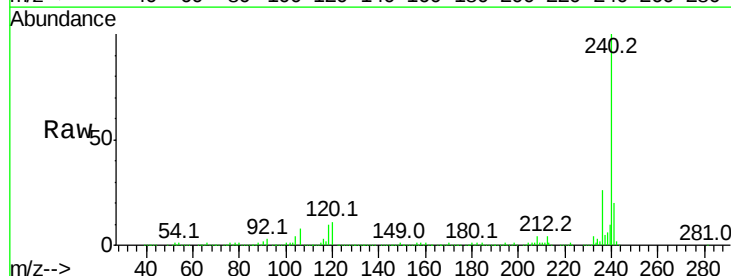


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

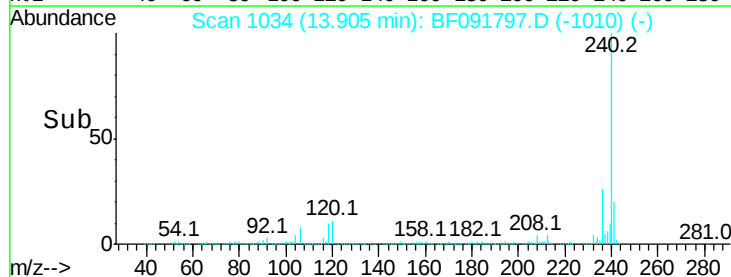
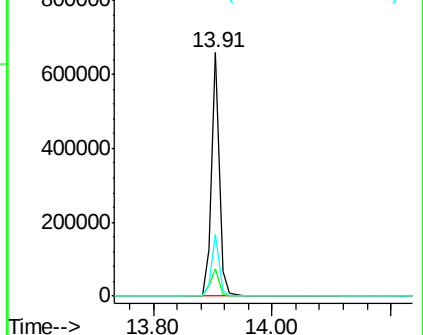


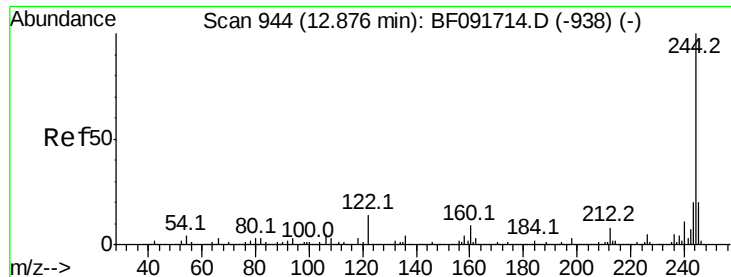
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091797.D
Acq: 20 Dec 2016 2:20

Tgt Ion:240 Resp: 600099
Ion Ratio Lower Upper
240 100
120 11.1 12.9 19.3#
236 25.6 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

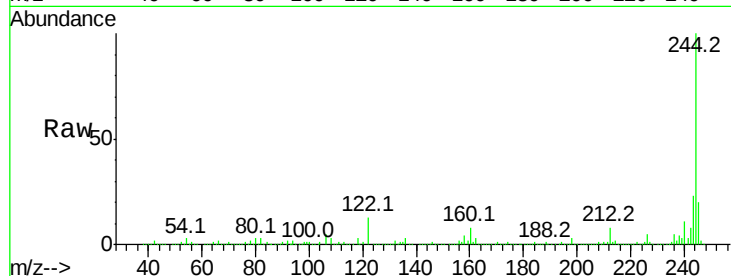




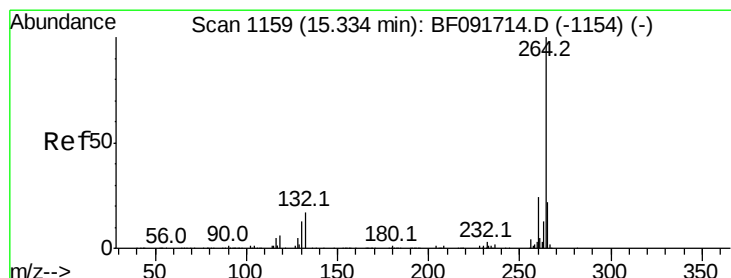
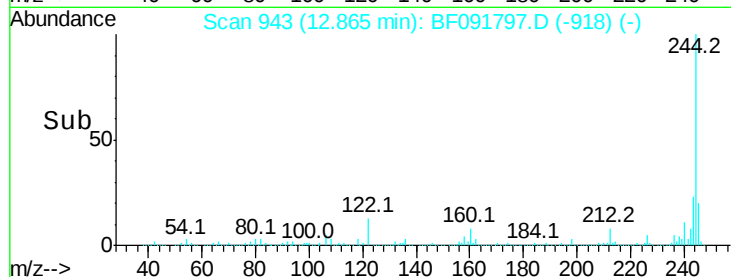
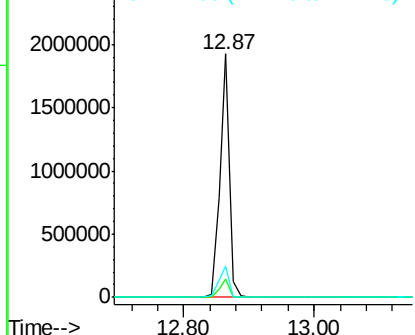
#78
 Terphenyl-d14
 Concen: 83.64 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Instrument :
 BNA_F
 ClientSampled :
 MW-34

Tot Ion:244 Resp: 1987824
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.0 11.4 17.2

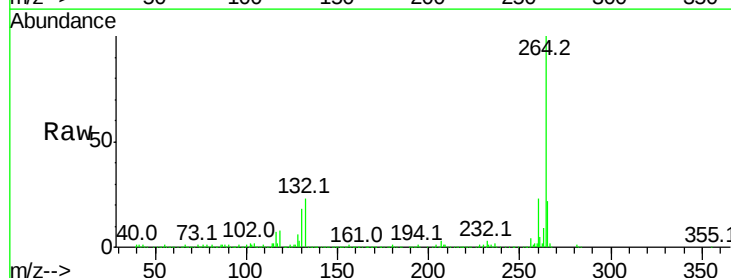


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Tgt Ion:264 Resp: 489066
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.7 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

