

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF092009.D
 Acq On : 28 Dec 2016 22:05
 Operator : UM/SJ
 Sample : H6281-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 29 02:26:05 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	6.70	152	200463	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	942376	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	487649	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	702848	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	563224	20.00	ng	-0.01
86) Perylene-d12	15.24	264	386144	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	842261	70.15	ng	0.00
7) Phenol-d6	6.37	99	653516	44.58	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1657937	97.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	562441	139.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2634032	115.27	ng	-0.01
78) Terphenyl-d14	12.82	244	2189570	94.28	ng	0.00

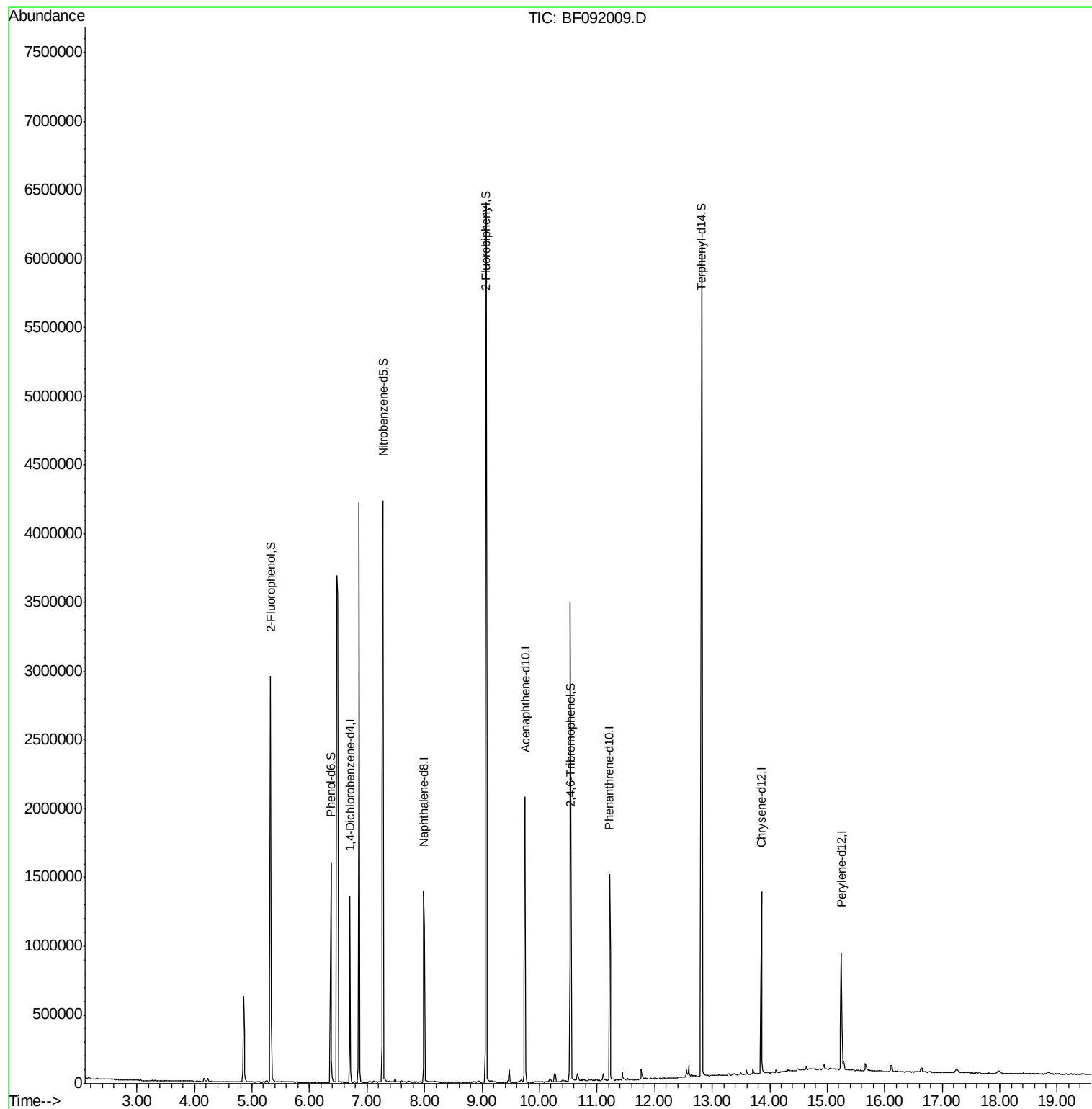
Target Compounds Qvalue

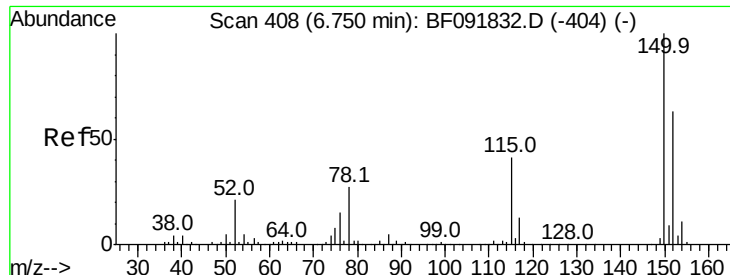
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

Instrument :

BNA_F

ClientSampleId :

MW-1

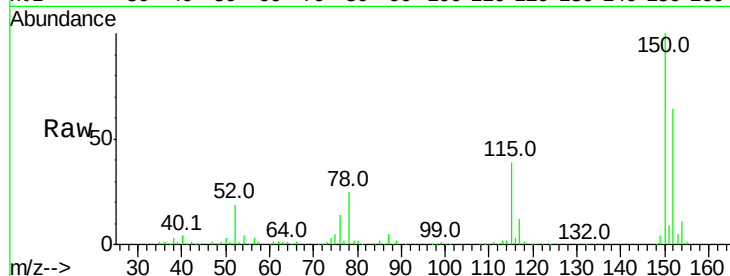
Tot Ion:152 Resp: 200463

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

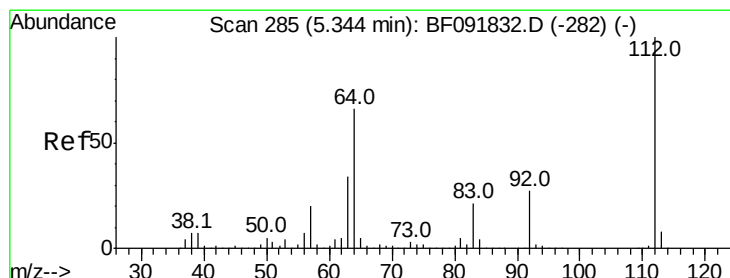
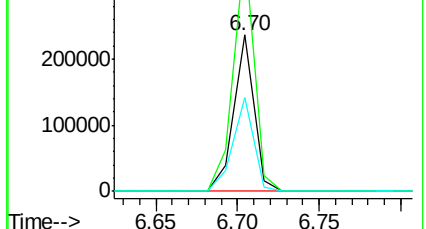
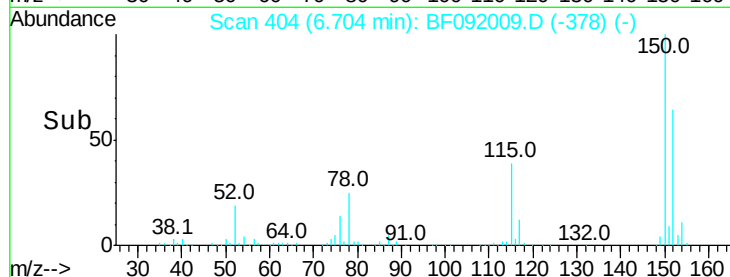
115 60.4 46.0 69.0



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: 70.15 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

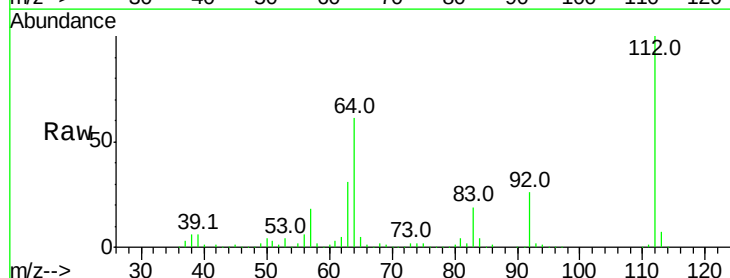
Tgt Ion:112 Resp: 842261

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

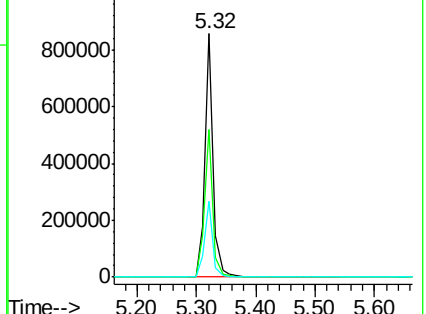
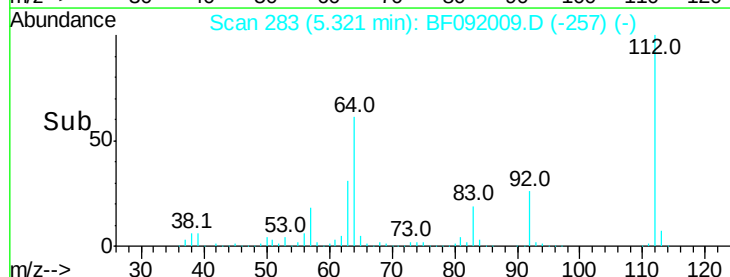
63 31.0 23.8 35.6

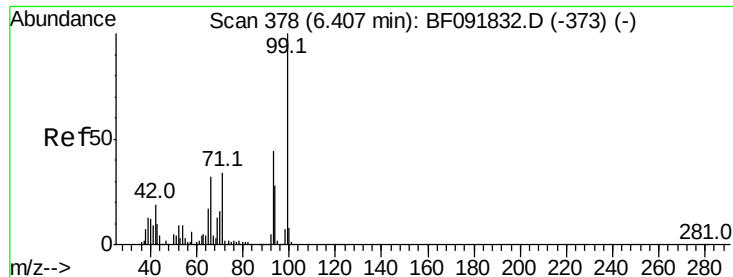


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.58 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

Instrument :

BNA_F

ClientSampleId :

MW-1

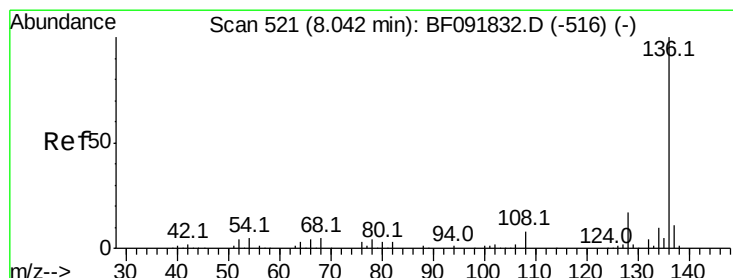
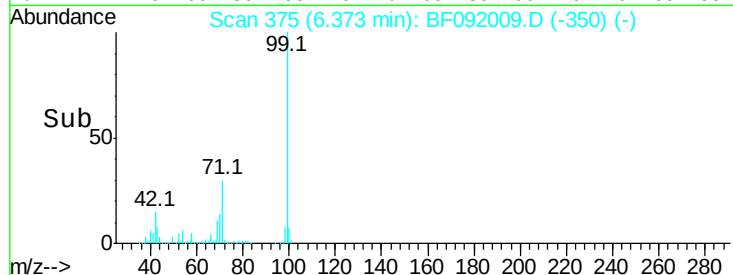
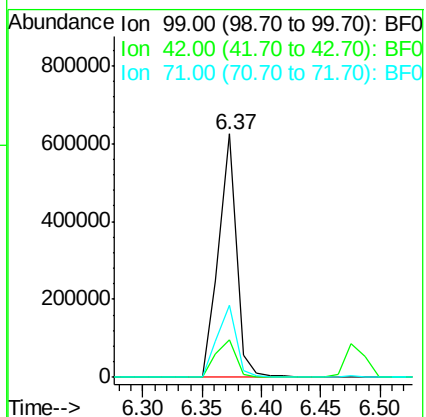
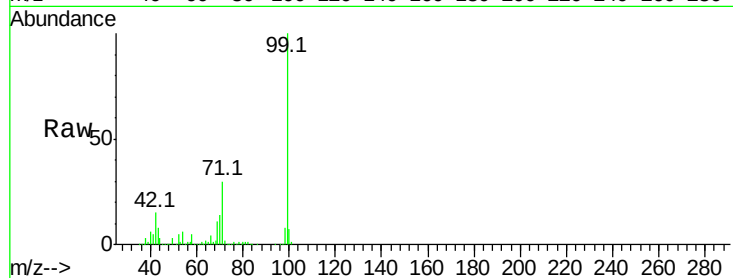
Tot Ion: 99 Resp: 653516

Ion Ratio Lower Upper

99 100

42 15.5 15.6 23.4#

71 29.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

Tgt Ion: 136 Resp: 942376

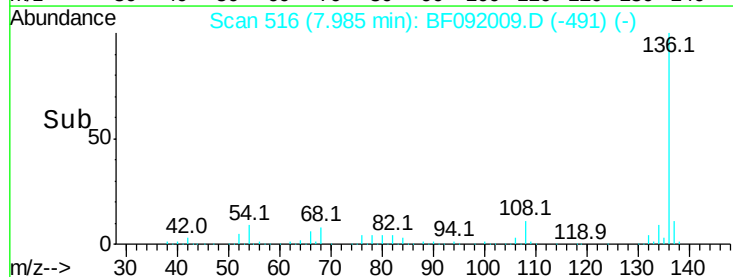
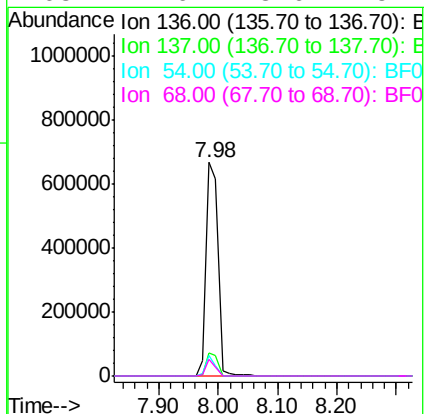
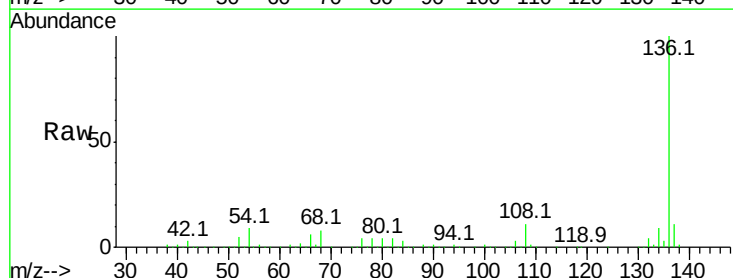
Ion Ratio Lower Upper

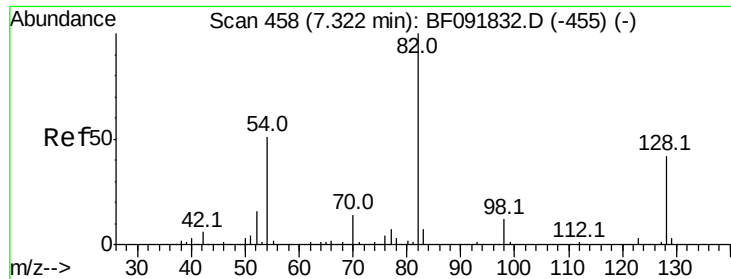
136 100

137 11.1 8.4 12.6

54 9.4 4.5 6.7#

68 7.6 3.6 5.4#



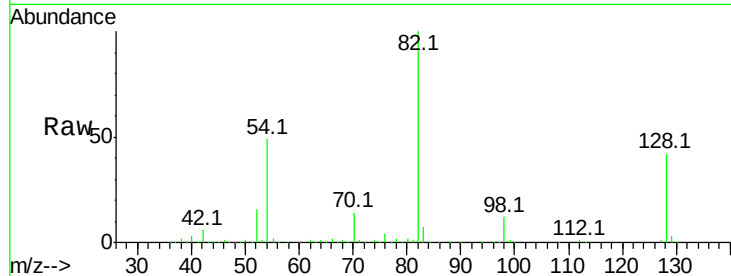


#23
 Nitrobenzene-d5
 Concen: 97.83 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF092009.D
 Acq: 28 Dec 2016 22:05

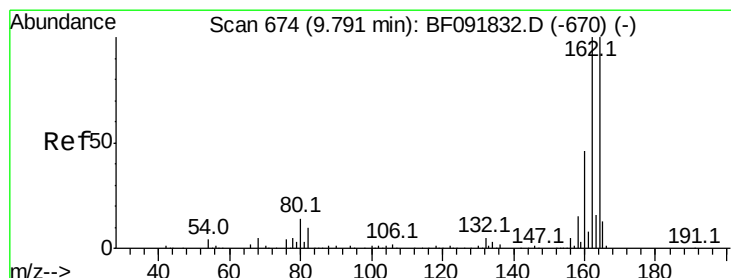
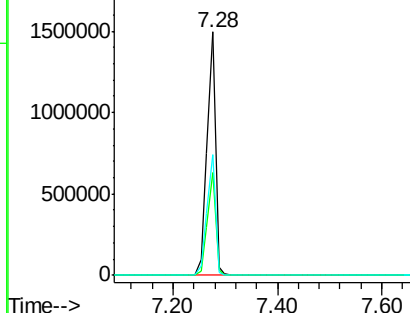
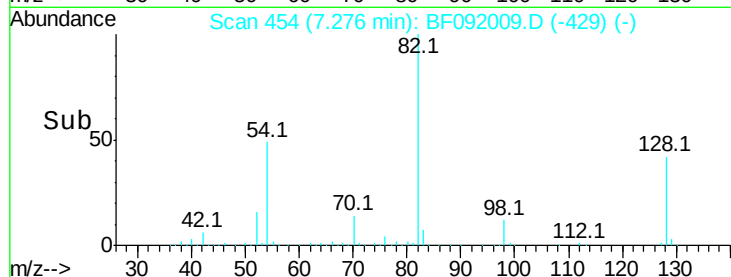
Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion: 82 Resp: 1657937

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	49.4	39.5	59.3



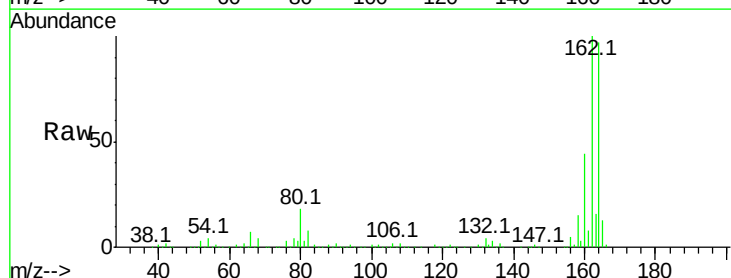
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



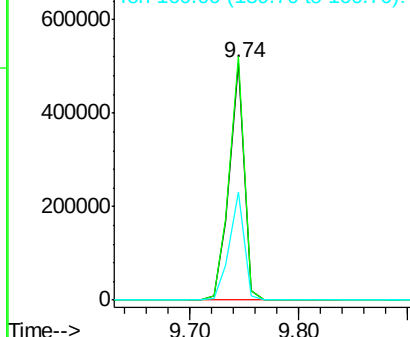
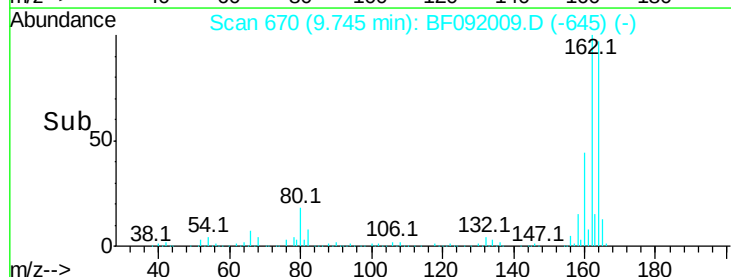
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092009.D
 Acq: 28 Dec 2016 22:05

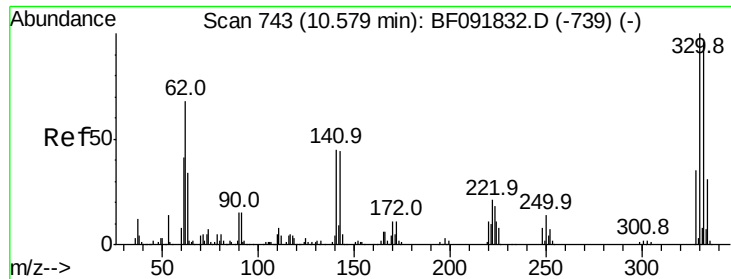
Tgt Ion:164 Resp: 487649

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	45.5	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

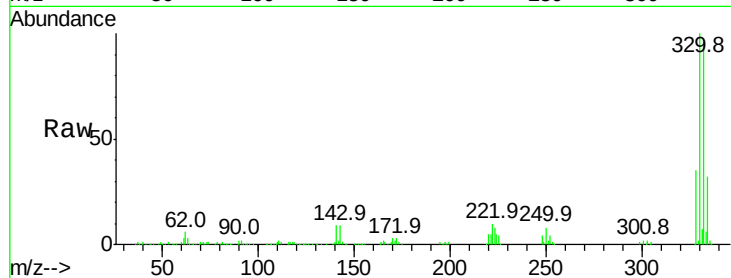




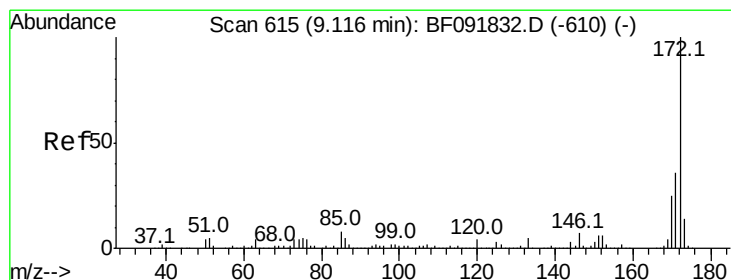
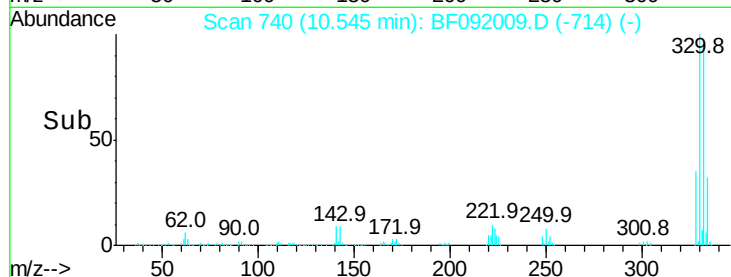
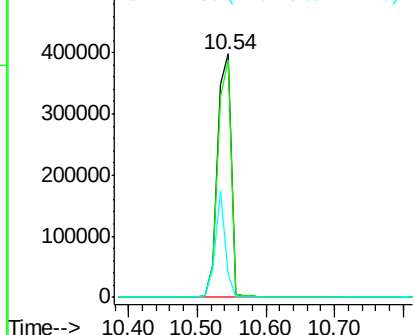
#41
 2,4,6-Tribromophenol
 Concen: 139.37 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF092009.D
 Acq: 28 Dec 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:330 Resp: 562441
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 32.8 34.1 51.1#

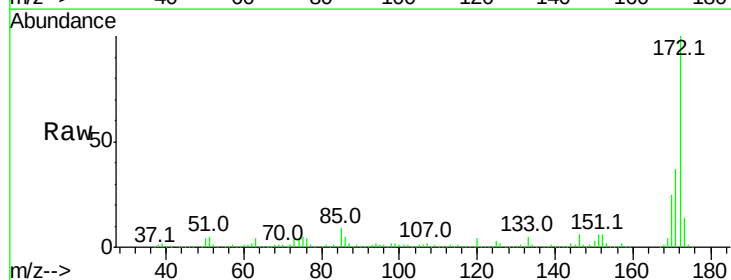


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

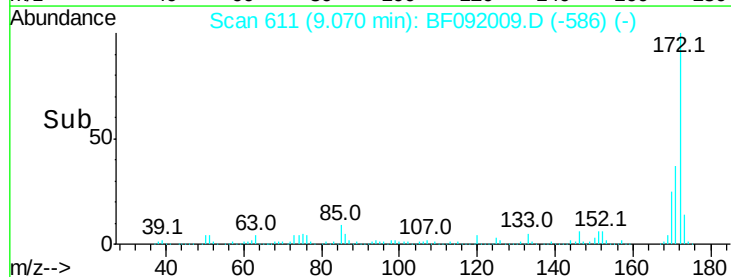
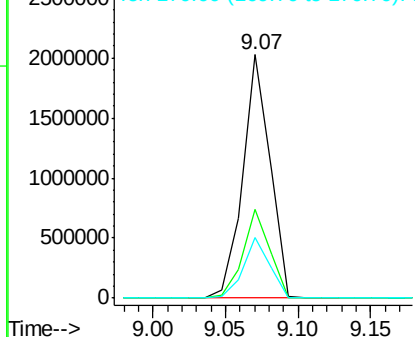


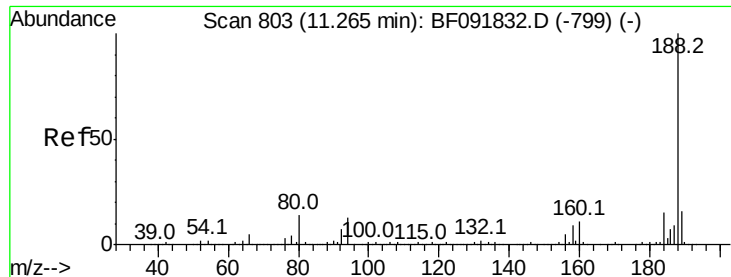
#44
 2-Fluorobiphenyl
 Concen: 115.27 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092009.D
 Acq: 28 Dec 2016 22:05

Tgt Ion:172 Resp: 2634032
 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

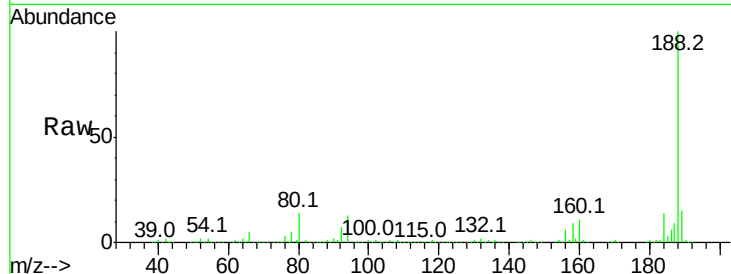




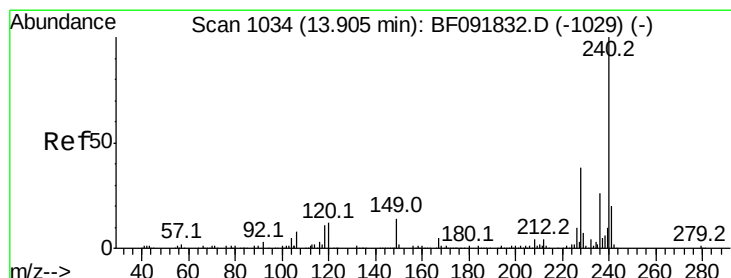
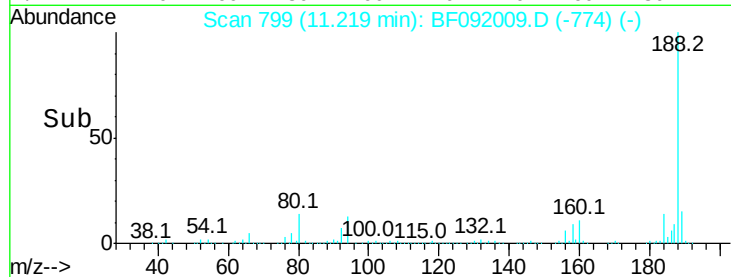
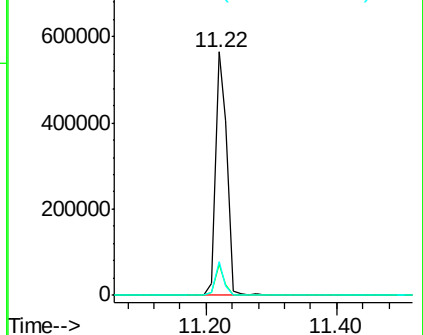
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092009.D
Acq: 28 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:188 Resp: 702848
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 14.0 11.2 16.8

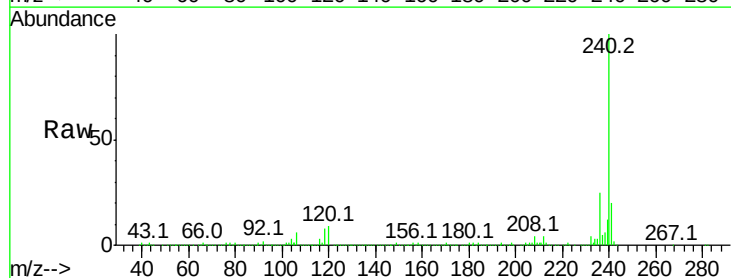


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

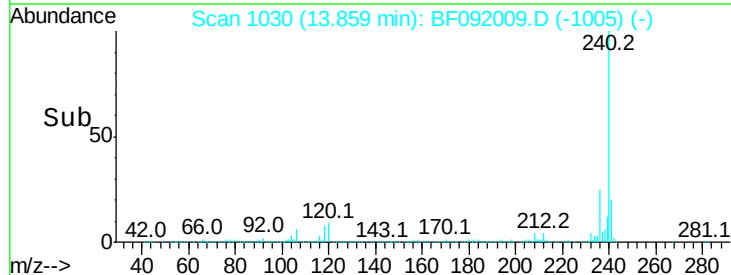
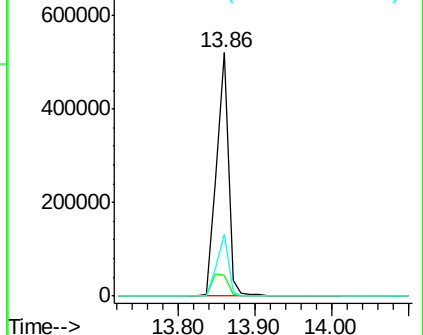


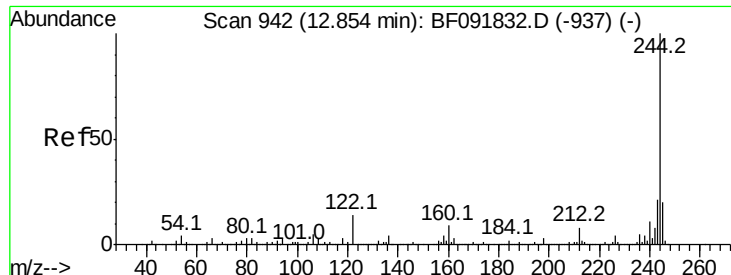
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF092009.D
Acq: 28 Dec 2016 22:05

Tgt Ion:240 Resp: 563224
Ion Ratio Lower Upper
240 100
120 8.8 12.9 19.3#
236 25.4 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: 94.28 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

Instrument :

BNA_F

ClientSampled :

MW-1

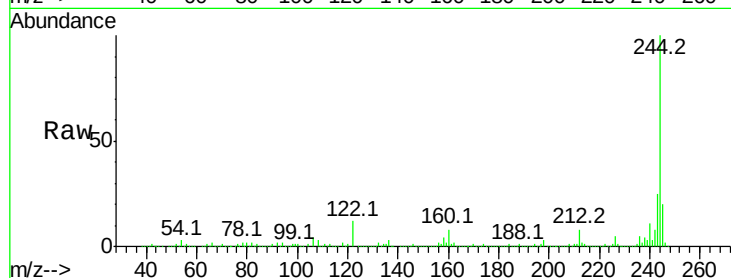
Tot Ion:244 Resp: 2189570

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

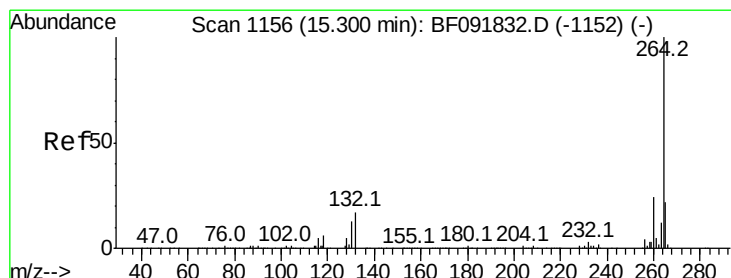
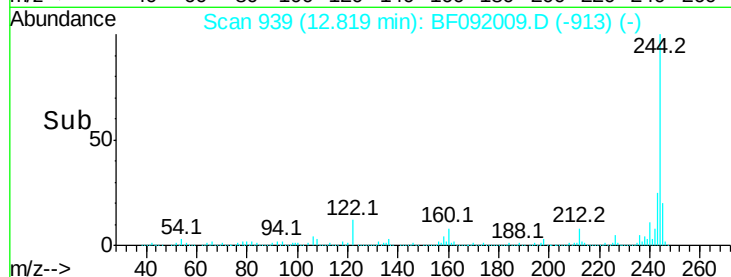
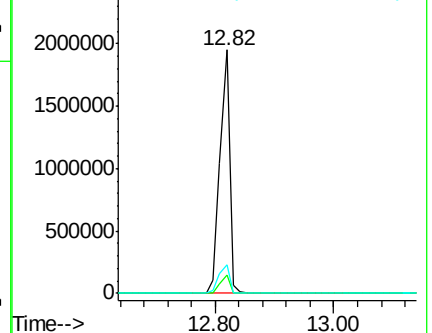
122 12.0 11.4 17.2



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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

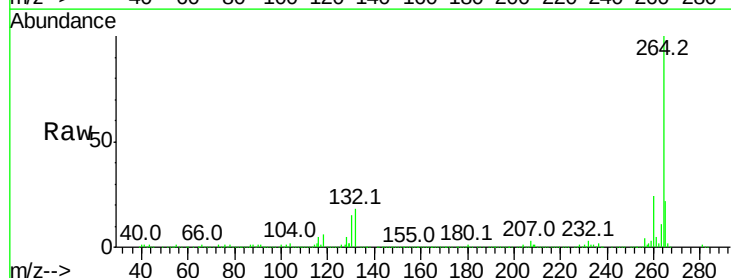
Tgt Ion:264 Resp: 386144

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 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

