

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091436.D
 Acq On : 5 Dec 2016 23:41
 Operator : UM/SJ
 Sample : H5802-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Dec 06 00:59:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137826	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	535950	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	352260	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	549524	20.00	ng	0.00
75) Chrysene-d12	14.00	240	333964	20.00	ng	0.00
86) Perylene-d12	15.43	264	334608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	676466	80.18	ng	0.01
7) Phenol-d6	6.48	99	596030	57.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	1051538	109.95	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	515318	154.52	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1810929	93.08	ng	0.00
78) Terphenyl-d14	12.96	244	1566237	101.93	ng	0.00

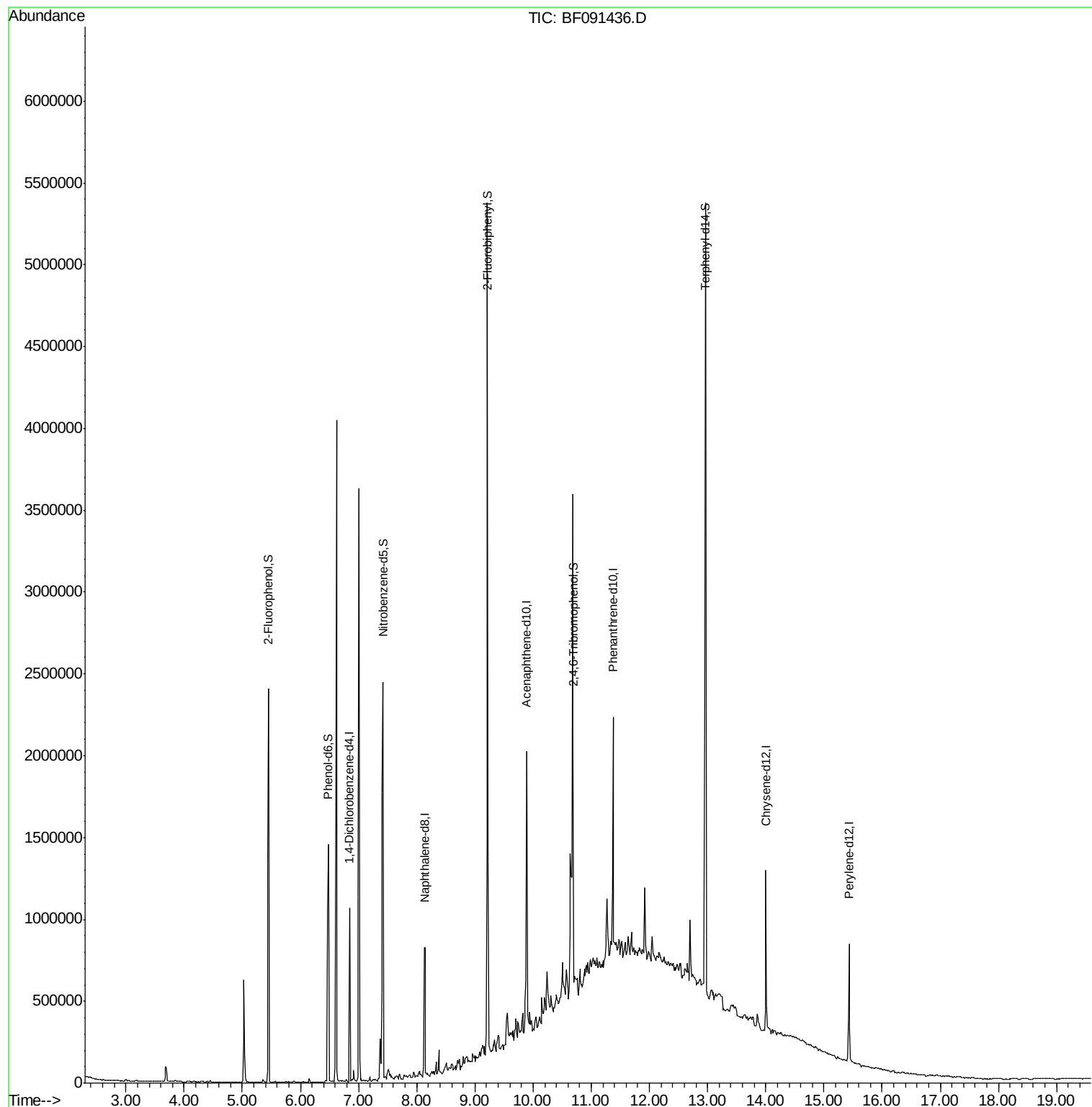
Target Compounds Qvalue

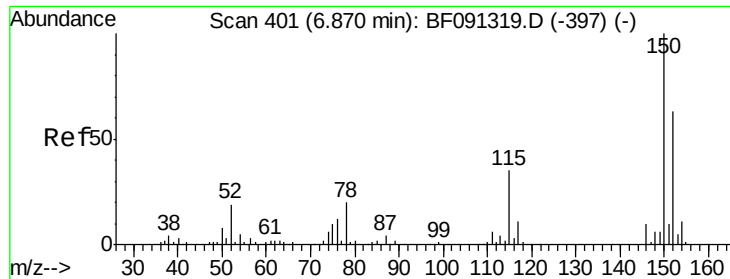
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

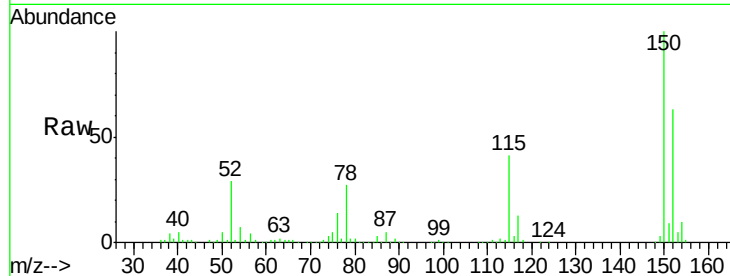
Tot Ion:152 Resp: 137826

Ion Ratio Lower Upper

152 100

150 158.2 122.5 183.7

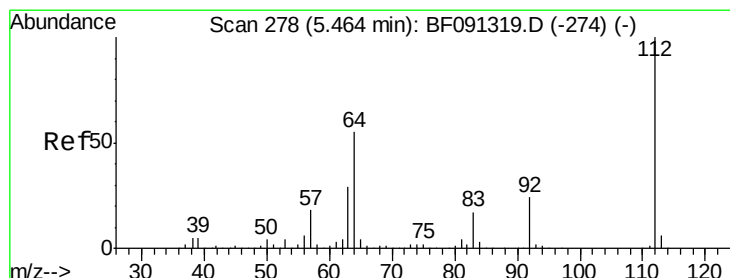
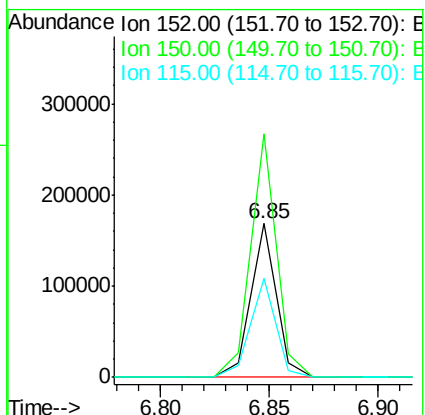
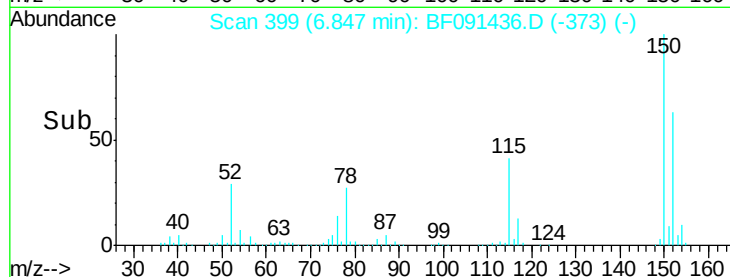
115 64.7 51.8 77.8



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: 80.18 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

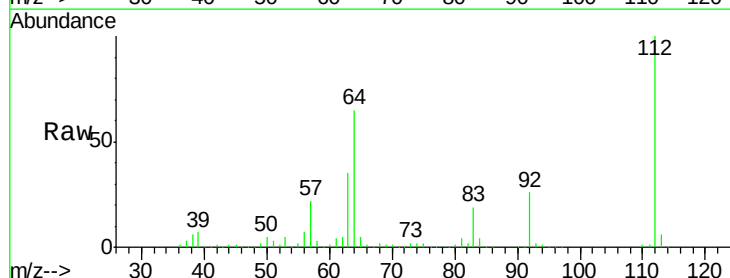
Tgt Ion:112 Resp: 676466

Ion Ratio Lower Upper

112 100

64 65.4 61.5 92.3

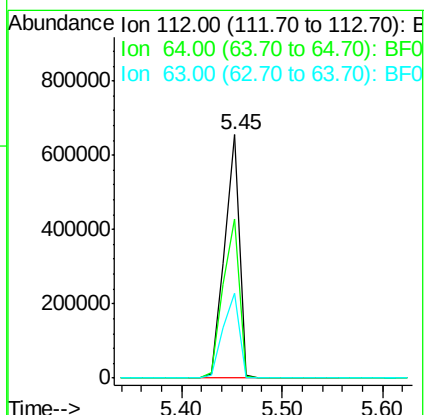
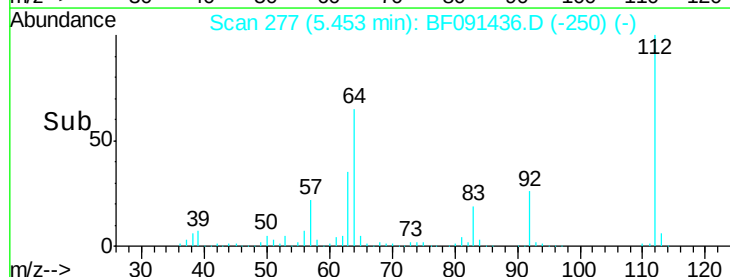
63 34.6 33.3 49.9

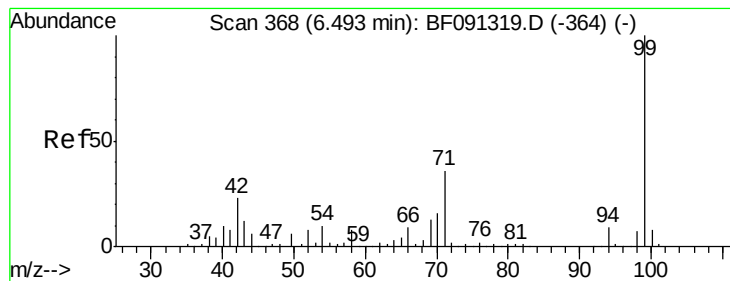


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.39 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

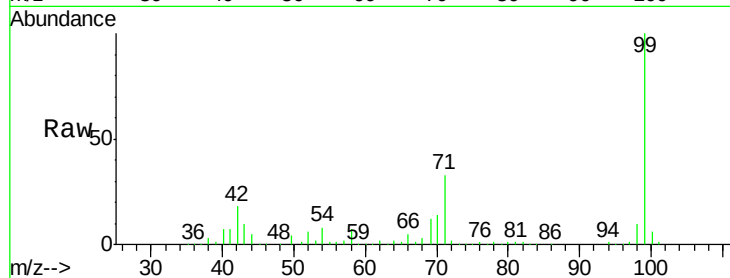
BNA_F

ClientSampleId :

MW-04

Tot Ion: 99 Resp: 596030

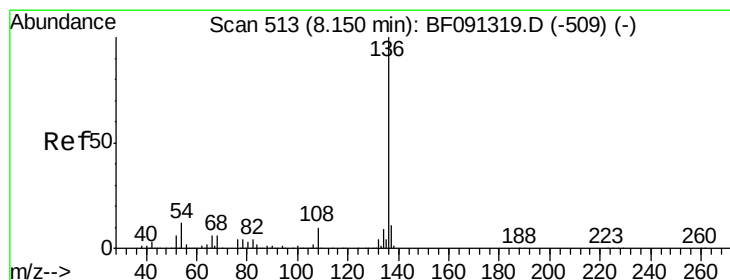
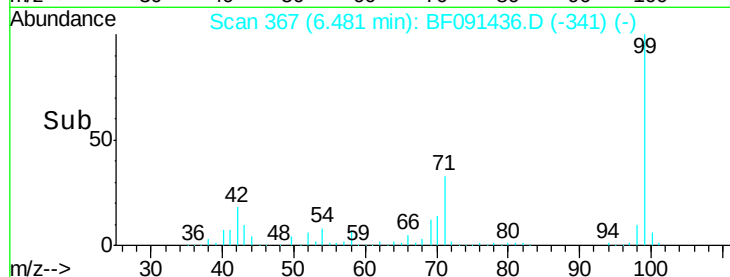
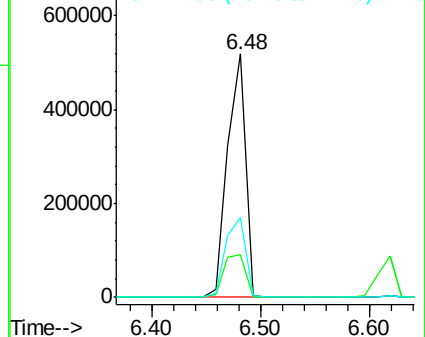
Ion	Ratio	Lower	Upper
99	100		
42	17.6	20.6	31.0#
71	32.7	29.9	44.9



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: 8.14 min Scan# 512

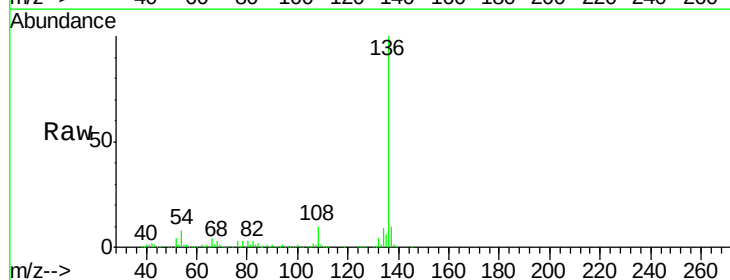
Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Tgt Ion: 136 Resp: 535950

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	7.6	9.1	13.7#
68	3.5	5.9	8.9#

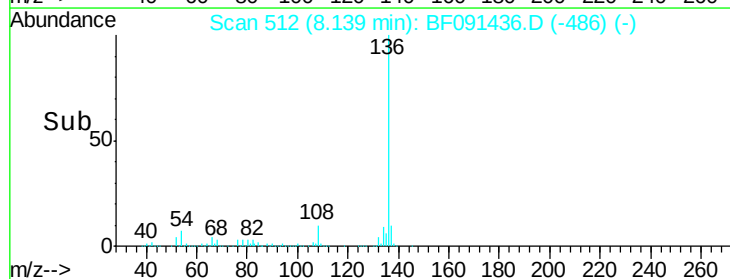
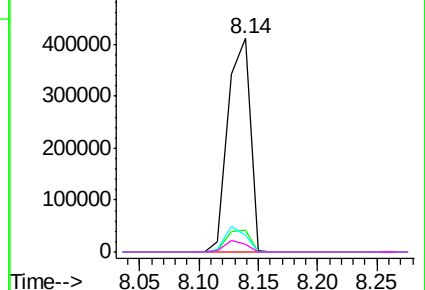


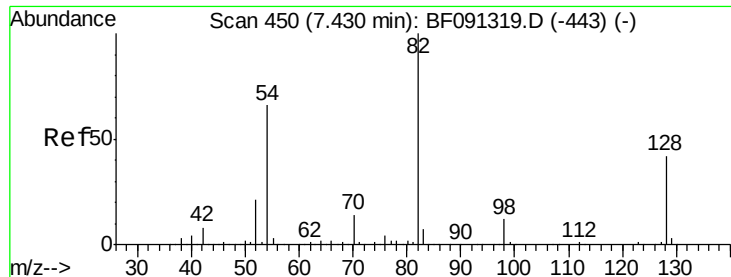
Abundance Ion 136.00 (135.70 to 136.70): E

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

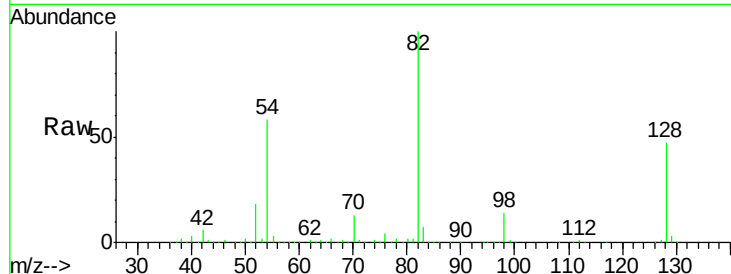




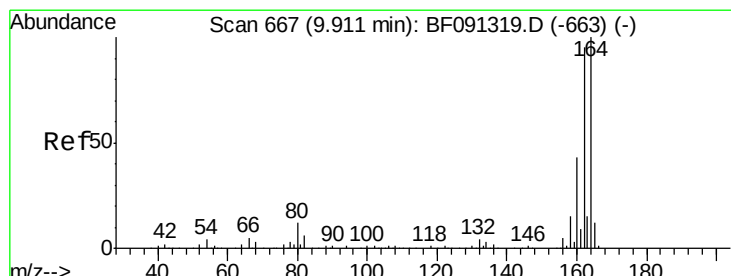
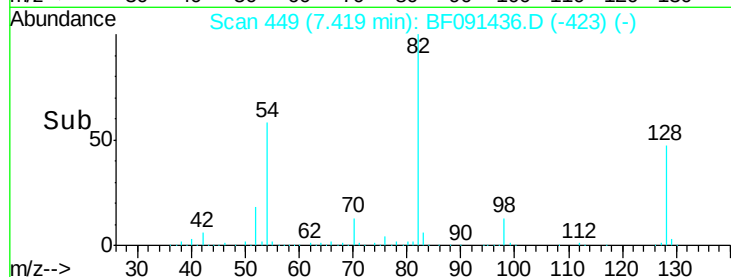
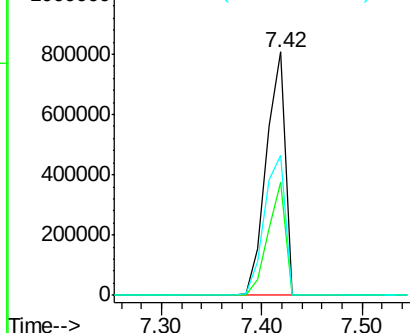
#23
Nitrobenzene-d5
Concen: 109.95 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091436.D
Acq: 5 Dec 2016 23:41

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion: 82 Resp: 1051538
Ion Ratio Lower Upper
82 100
128 46.6 31.8 47.6
54 57.7 49.1 73.7

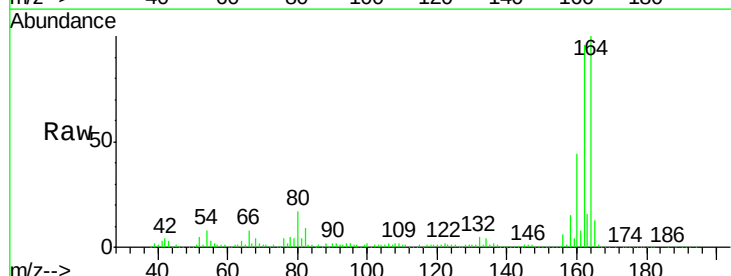


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

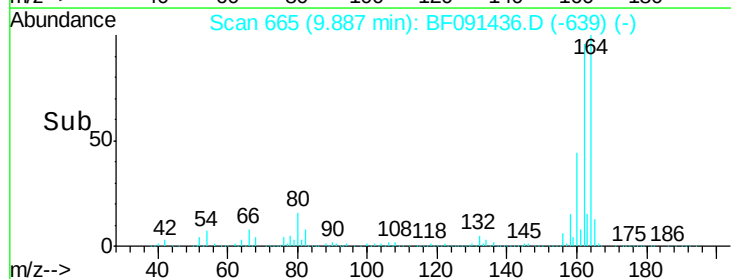
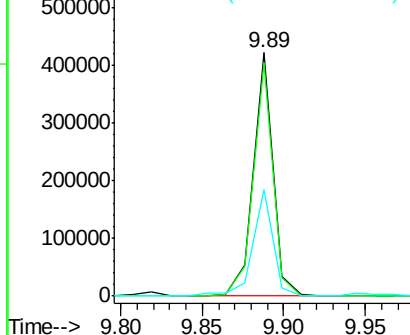


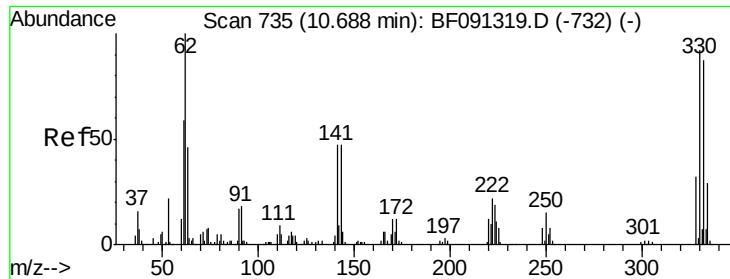
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091436.D
Acq: 5 Dec 2016 23:41

Tgt Ion:164 Resp: 352260
Ion Ratio Lower Upper
164 100
162 96.0 82.6 124.0
160 43.6 36.7 55.1



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

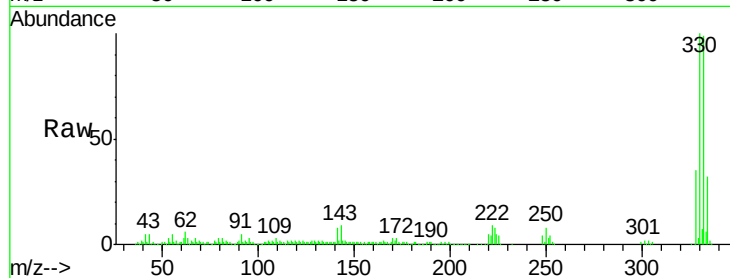




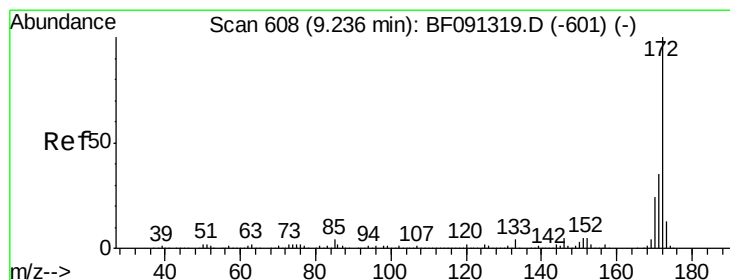
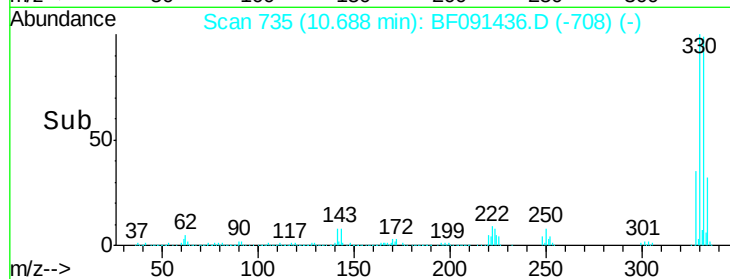
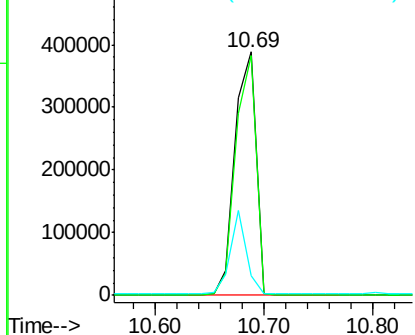
#41
 2,4,6-Tribromophenol
 Concen: 154.52 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF091436.D
 Acq: 5 Dec 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	26.6	33.6	50.4

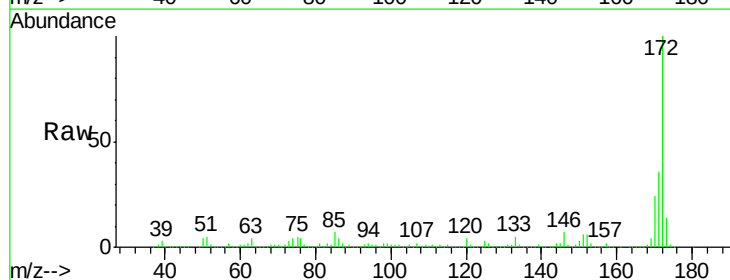


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

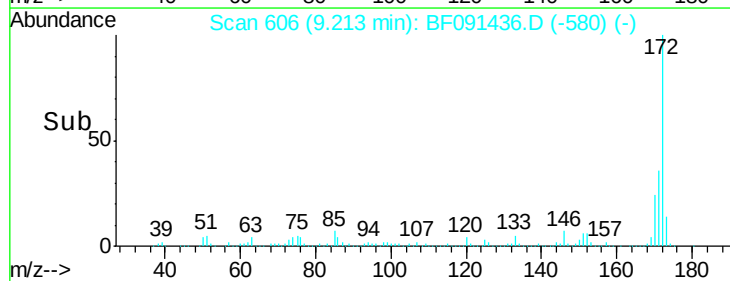
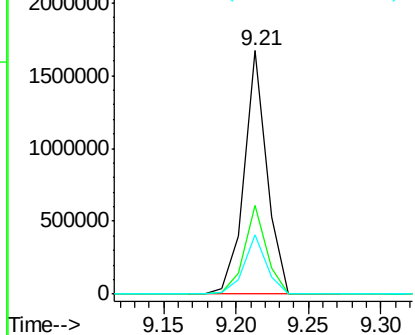


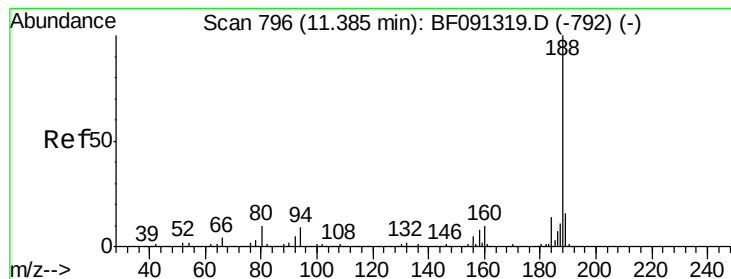
#44
 2-Fluorobiphenyl
 Concen: 93.08 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091436.D
 Acq: 5 Dec 2016 23:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	19.7	29.5



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: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

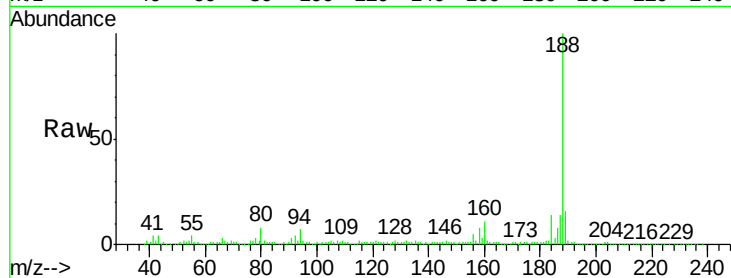
Tot Ion:188 Resp: 549524

Ion Ratio Lower Upper

188 100

94 7.3 9.2 13.8#

80 7.6 10.5 15.7#



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

11.37

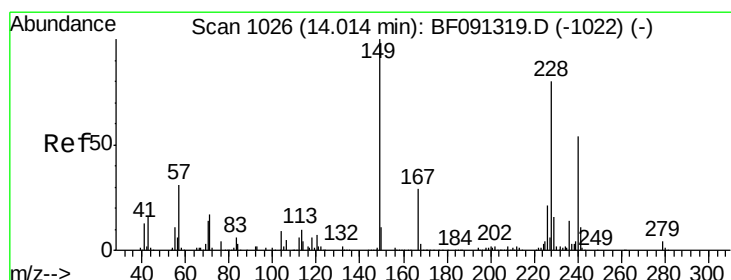
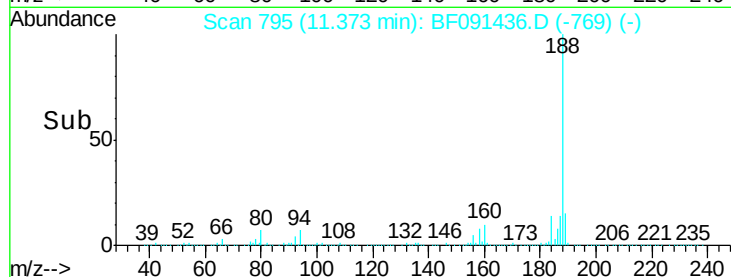
600000

400000

200000

0

Time--> 11.30 11.35 11.40



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

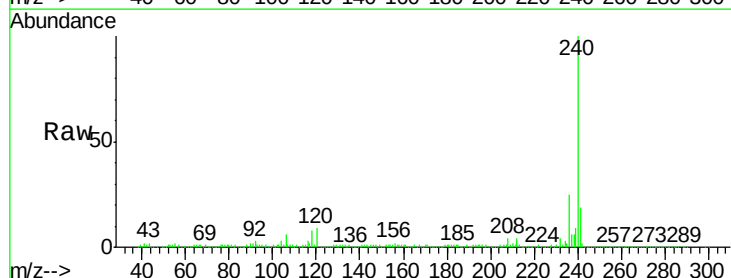
Tgt Ion:240 Resp: 333964

Ion Ratio Lower Upper

240 100

120 9.3 12.1 18.1#

236 25.3 21.0 31.6



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

14.00

500000

400000

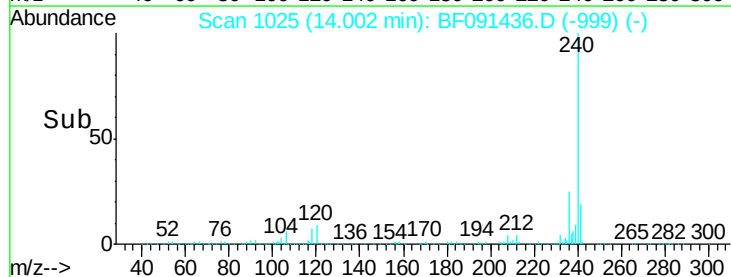
300000

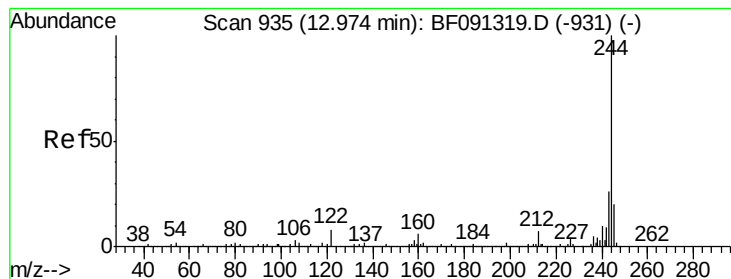
200000

100000

0

Time--> 13.90 14.00 14.10





#78

Terphenyl-d14

Concen: 101.93 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

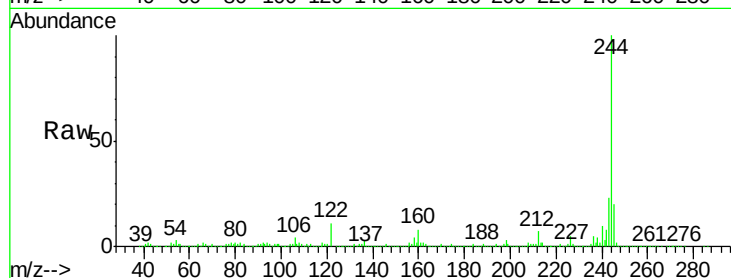
Tot Ion:244 Resp: 1566237

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

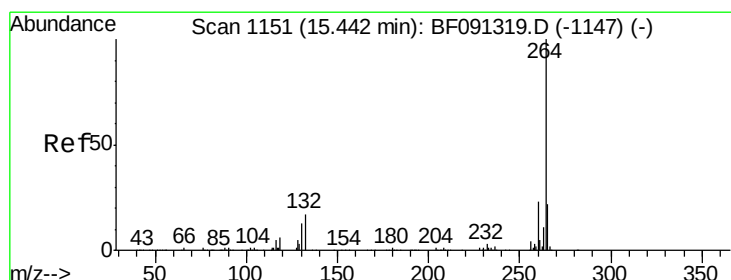
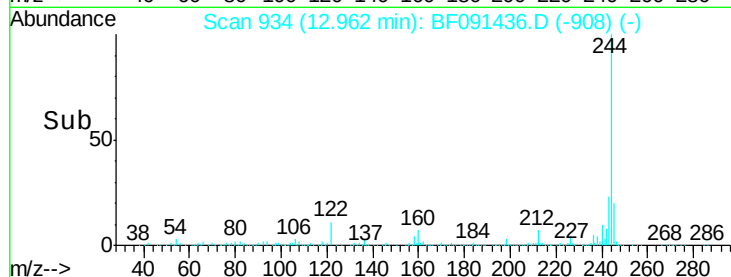
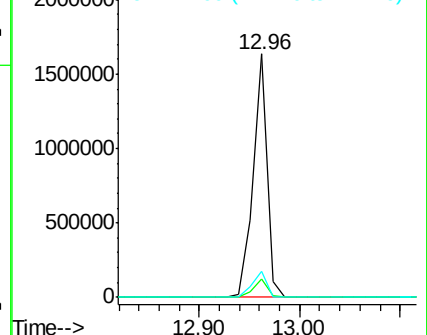
122 10.7 9.5 14.3



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: 15.43 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

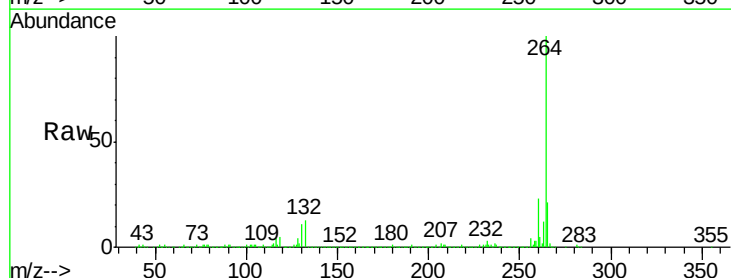
Tgt Ion:264 Resp: 334608

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.3 17.0 25.6



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

