

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092035.D
 Acq On : 29 Dec 2016 20:25
 Operator : UM/SJ
 Sample : H6301-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Dec 30 00:20:05 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	6.69	152	155771	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	628467	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	330744	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	608313	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	518442	20.00	ng	-0.03
86) Perylene-d12	15.22	264	408731	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	723159	77.52	ng	-0.02
7) Phenol-d6	6.35	99	546285	47.96	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1140803	100.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	430233	157.18	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1757051	113.11	ng	-0.02
78) Terphenyl-d14	12.80	244	1708255	79.91	ng	-0.02

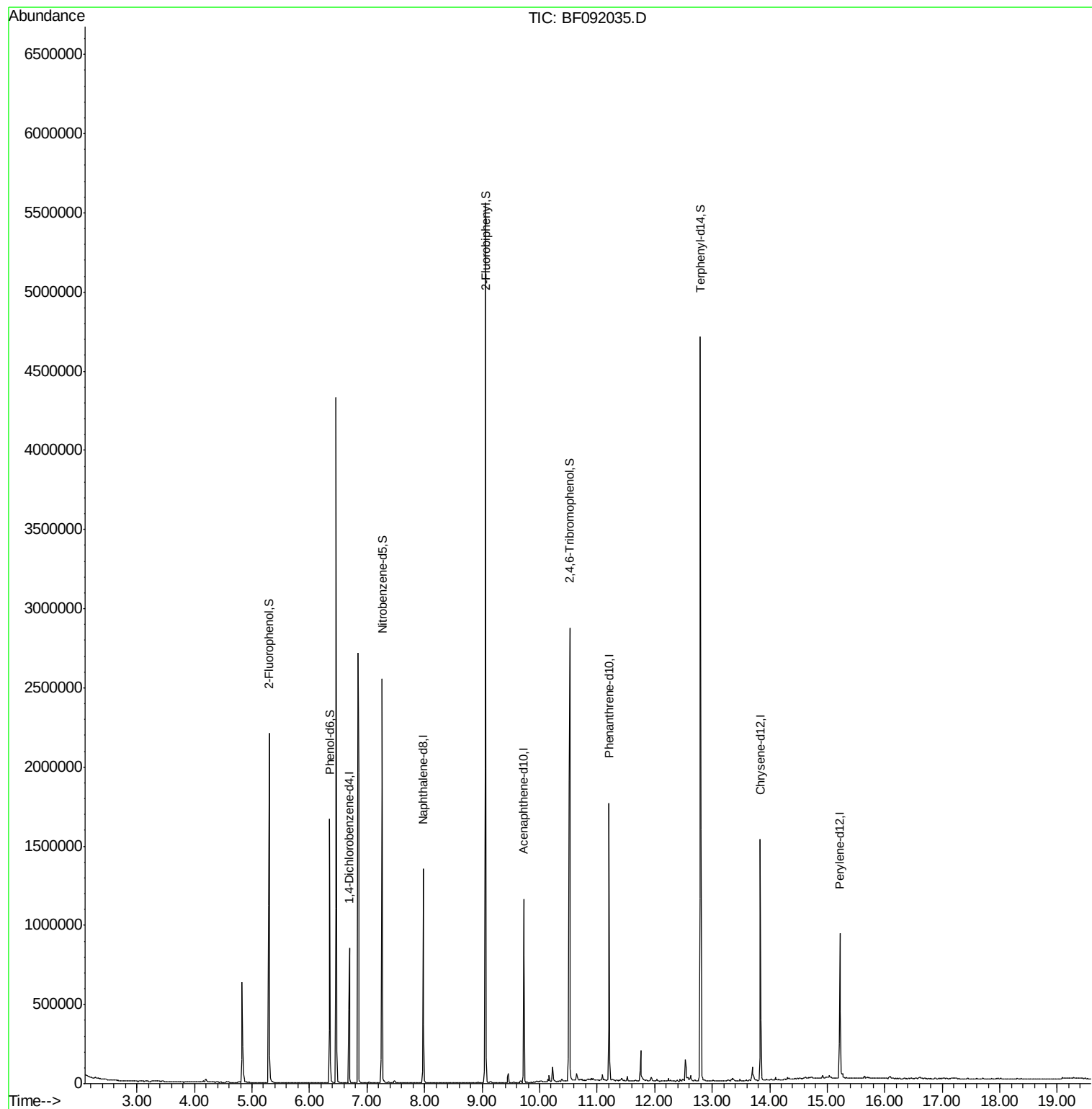
Target Compounds Qvalue

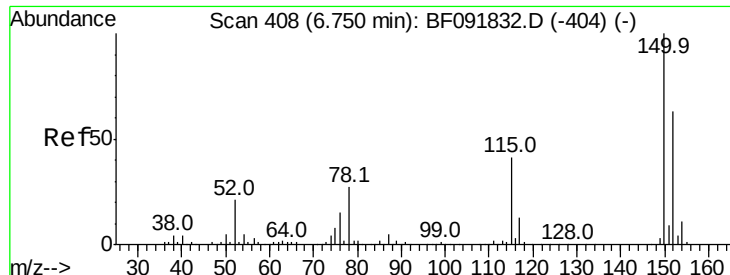
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092035.D

Acq: 29 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

MW-14

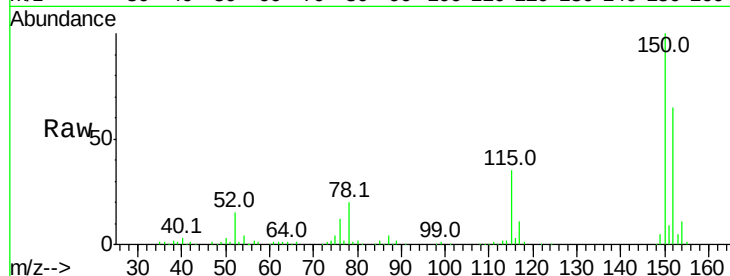
Tot Ion:152 Resp: 155771

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

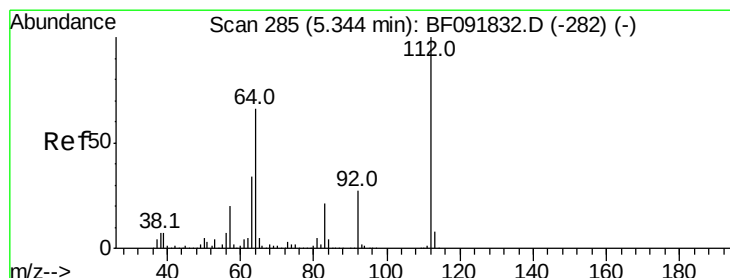
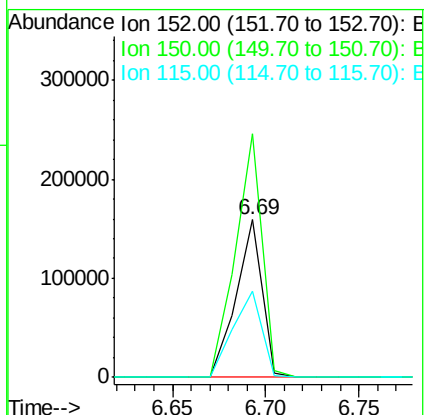
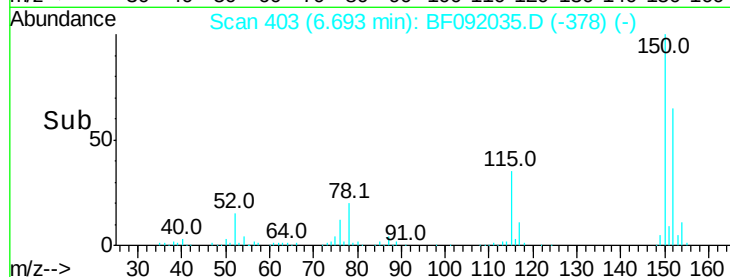
115 54.4 46.0 69.0



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: 77.52 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092035.D

Acq: 29 Dec 2016 20:25

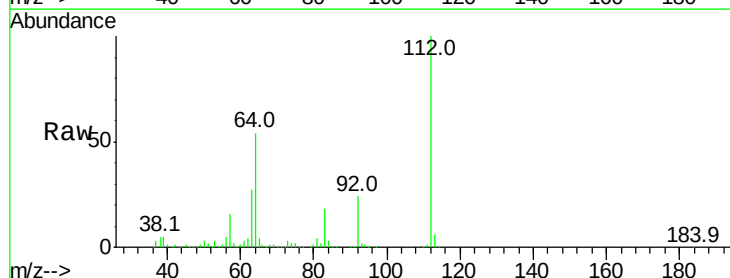
Tgt Ion:112 Resp: 723159

Ion Ratio Lower Upper

112 100

64 54.2 46.1 69.1

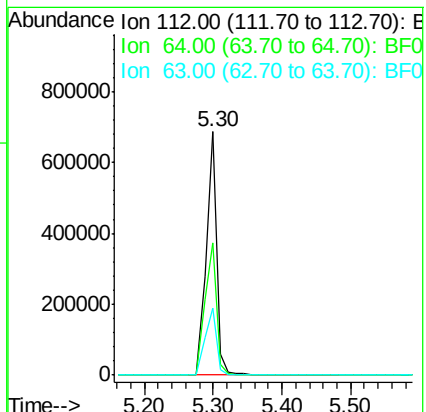
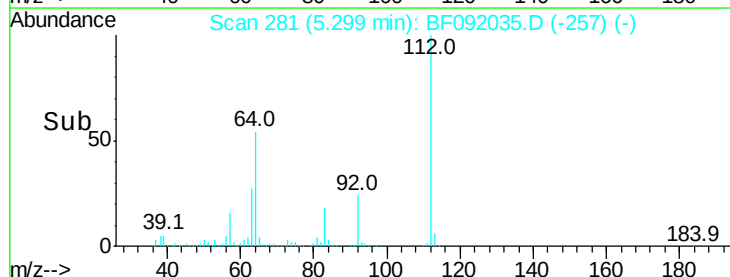
63 27.5 23.8 35.6

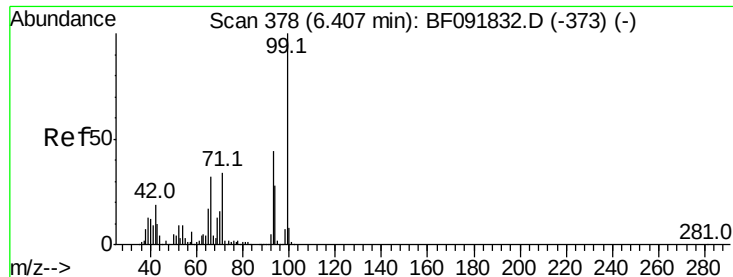


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.96 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092035.D

Acq: 29 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

MW-14

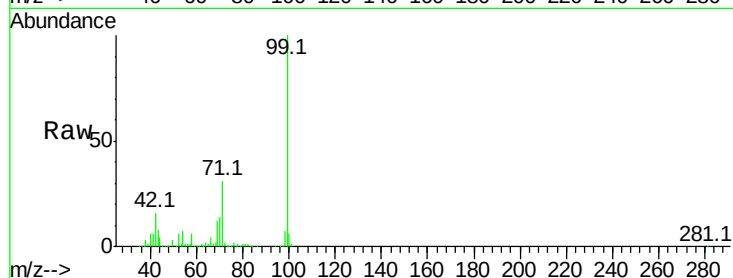
Tot Ion: 99 Resp: 546285

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

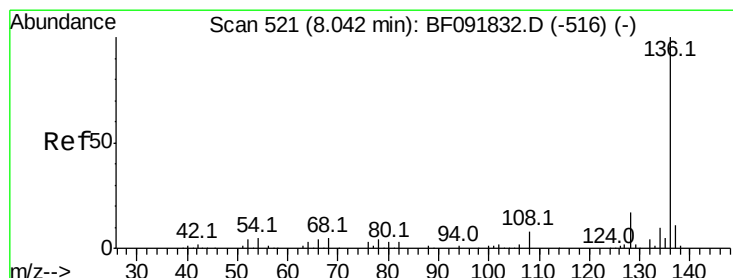
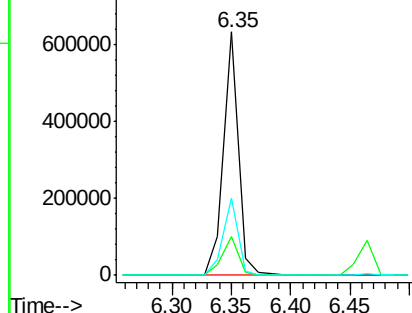
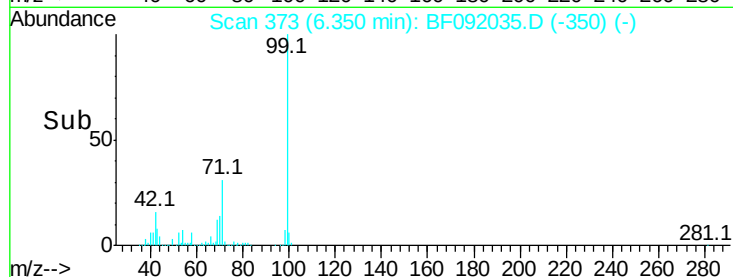
71 31.5 27.5 41.3



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: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092035.D

Acq: 29 Dec 2016 20:25

Tgt Ion: 136 Resp: 628467

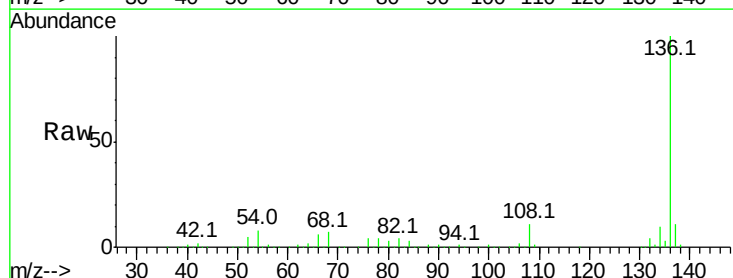
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.4 4.5 6.7#

68 6.6 3.6 5.4#

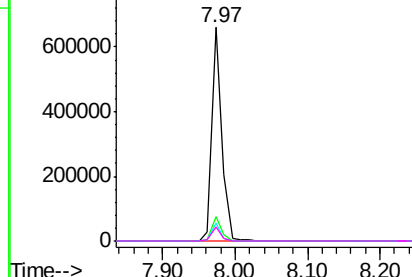
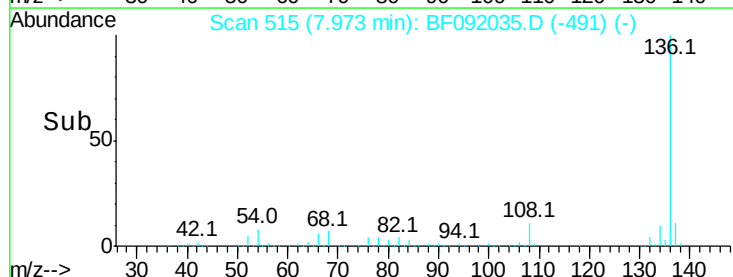


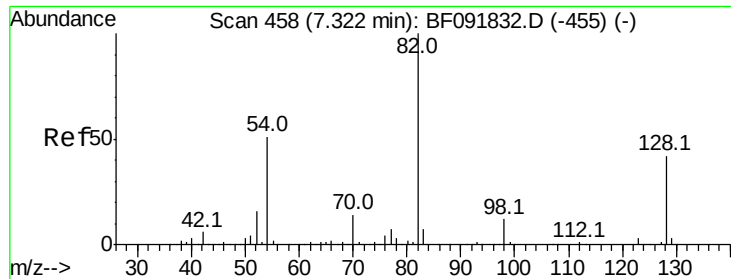
Abundance Ion 136.00 (135.70 to 136.70): E

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

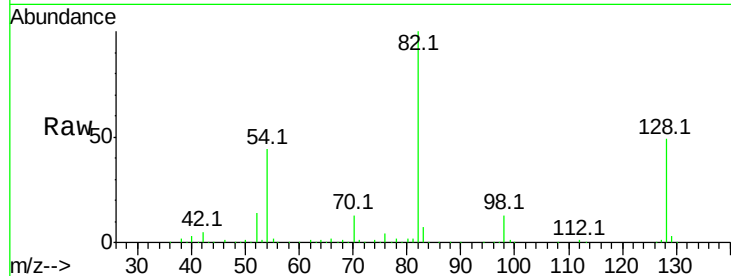




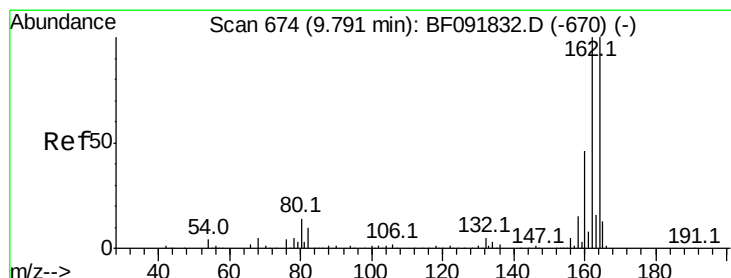
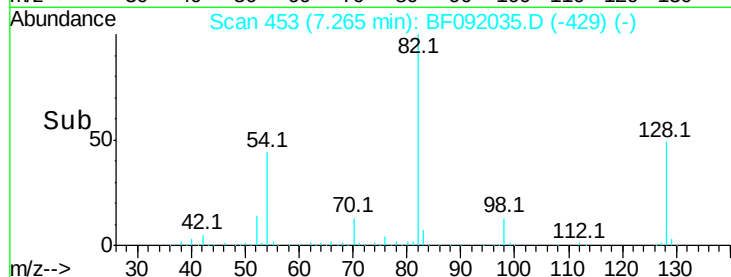
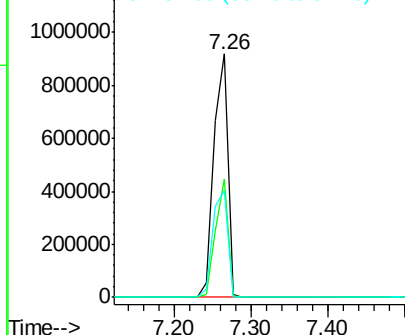
#23
Nitrobenzene-d5
Concen: 100.94 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF092035.D
Acq: 29 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
MW-14

Tot Ion: 82 Resp: 1140803
Ion Ratio Lower Upper
82 100
128 48.7 34.6 52.0
54 43.7 39.5 59.3

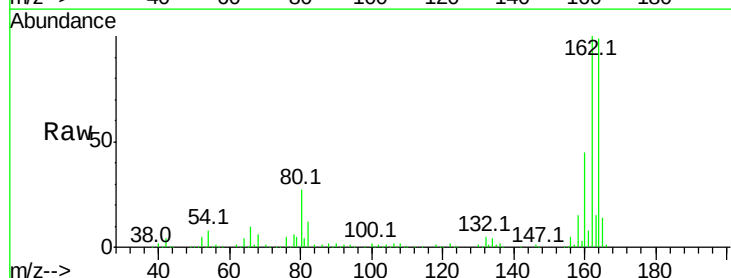


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

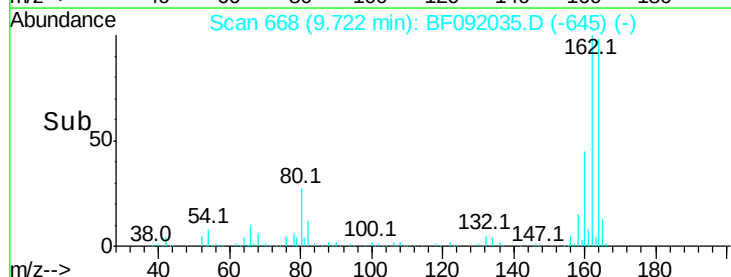
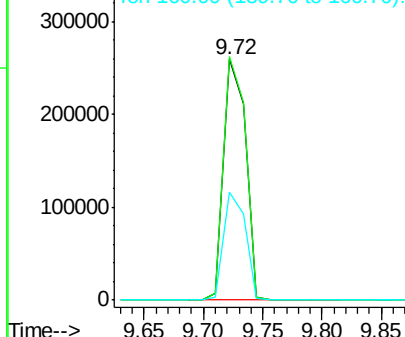


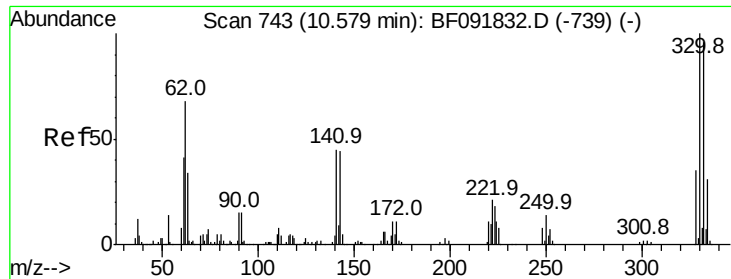
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092035.D
Acq: 29 Dec 2016 20:25

Tgt Ion:164 Resp: 330744
Ion Ratio Lower Upper
164 100
162 101.2 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

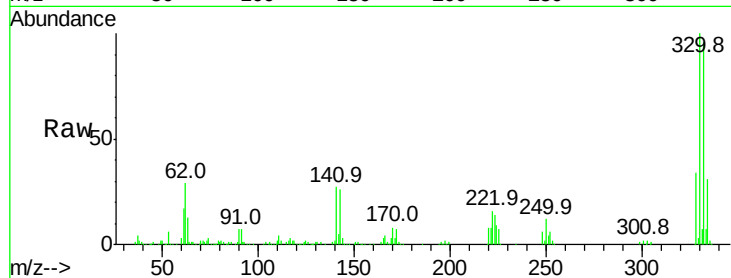




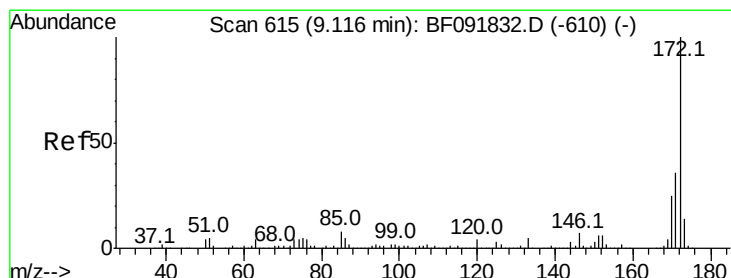
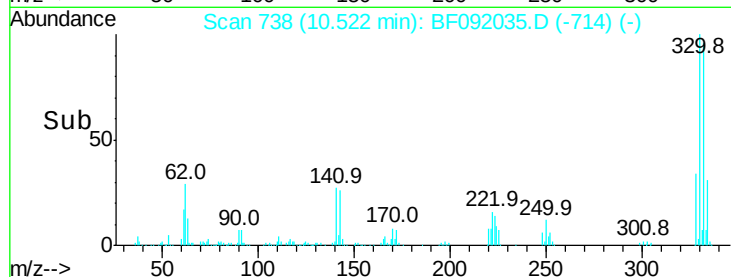
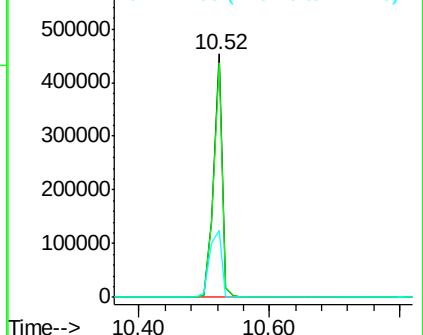
#41
 2,4,6-Tribromophenol
 Concen: 157.18 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092035.D
 Acq: 29 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	38.0	34.1	51.1

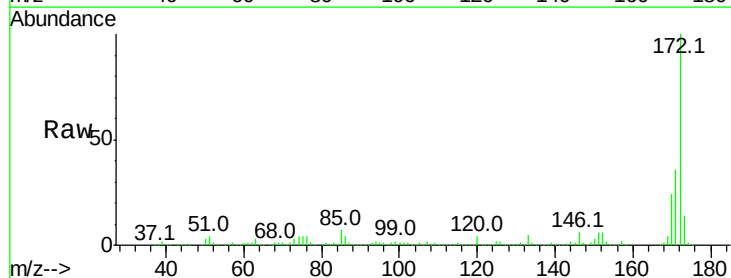


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

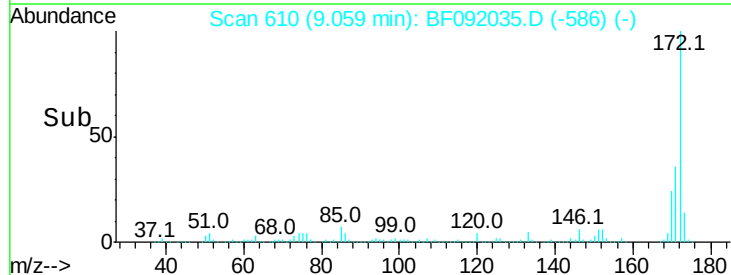
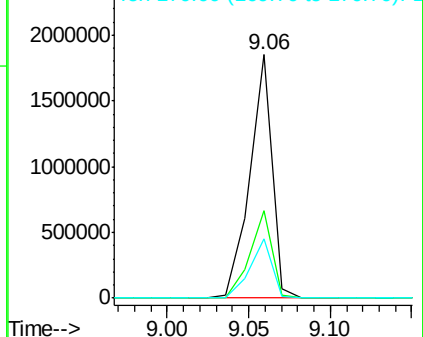


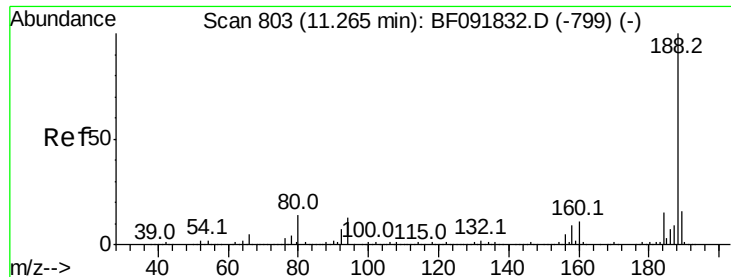
#44
 2-Fluorobiphenyl
 Concen: 113.11 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092035.D
 Acq: 29 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	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

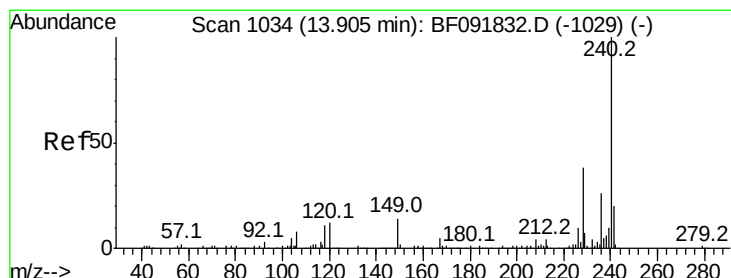
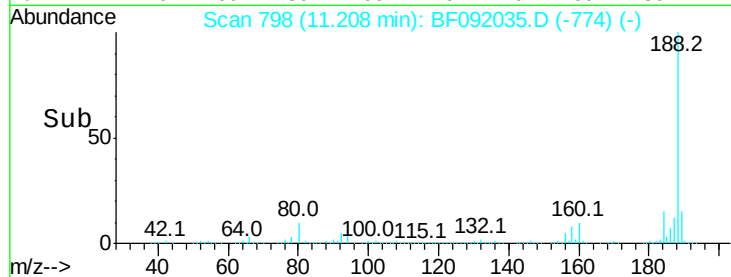
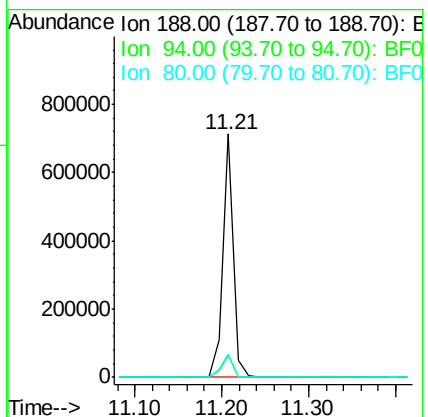
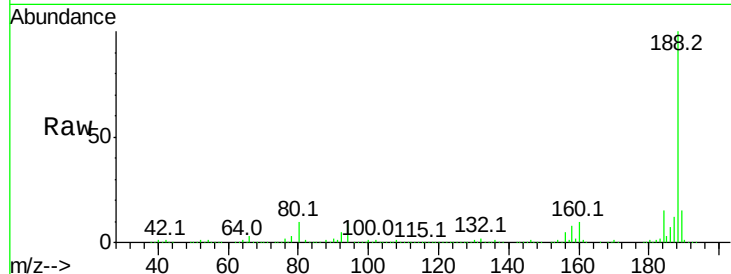




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092035.D
Acq: 29 Dec 2016 20:25

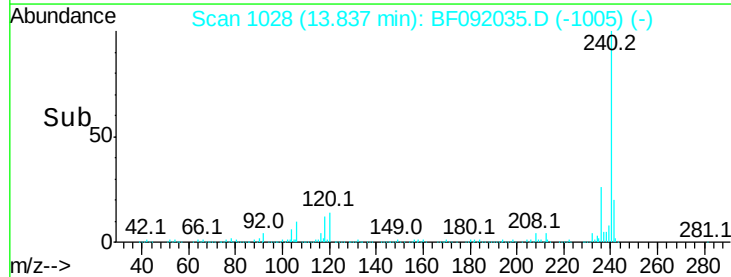
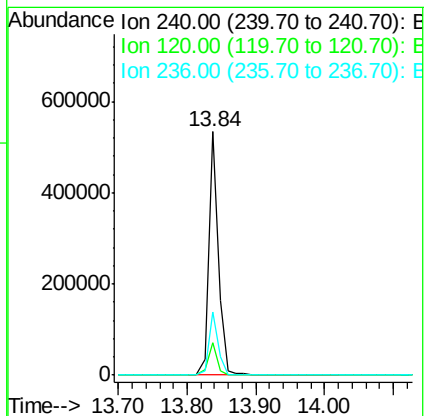
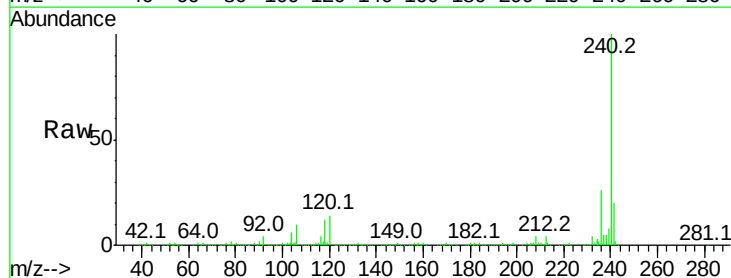
Instrument :
BNA_F
ClientSampled :
MW-14

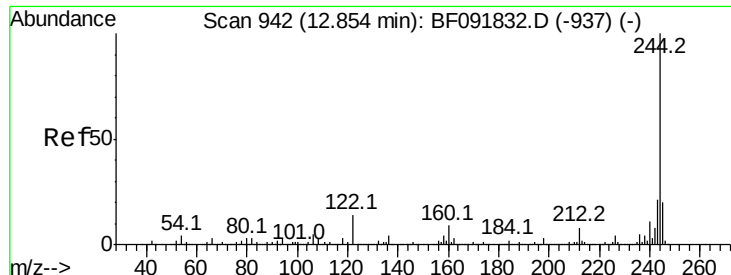
Tot Ion:188 Resp: 608313
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.7 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092035.D
Acq: 29 Dec 2016 20:25

Tgt Ion:240 Resp: 518442
Ion Ratio Lower Upper
240 100
120 13.5 12.9 19.3
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 79.91 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092035.D

Acq: 29 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

MW-14

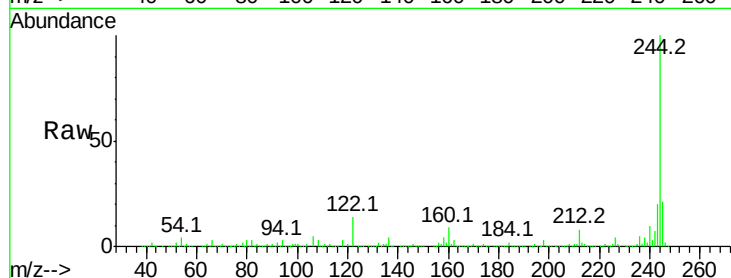
Tot Ion:244 Resp: 1708255

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

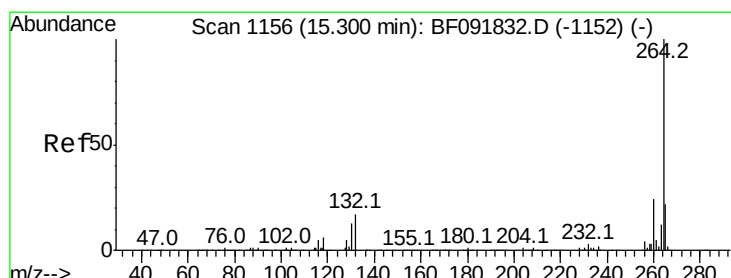
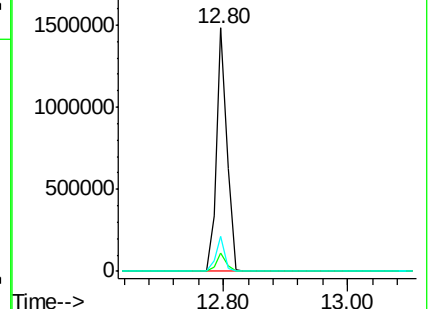
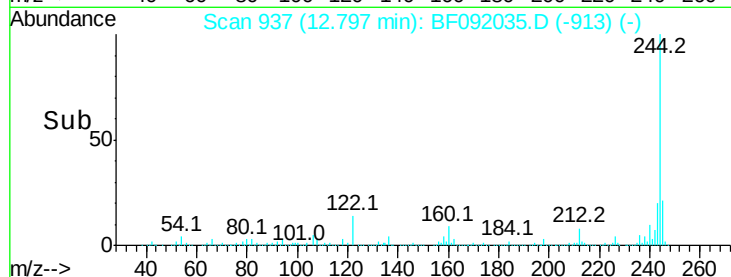
122 14.4 11.4 17.2



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF092035.D

Acq: 29 Dec 2016 20:25

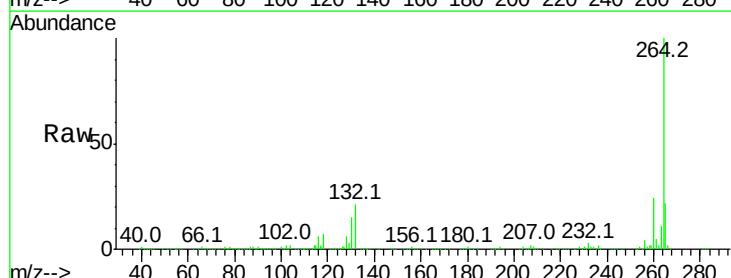
Tgt Ion:264 Resp: 408731

Ion Ratio Lower Upper

264 100

260 24.0 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

