

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122916\
 Data File : BF092037.D
 Acq On : 29 Dec 2016 21:20
 Operator : UM/SJ
 Sample : H6301-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 29 23:53:18 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

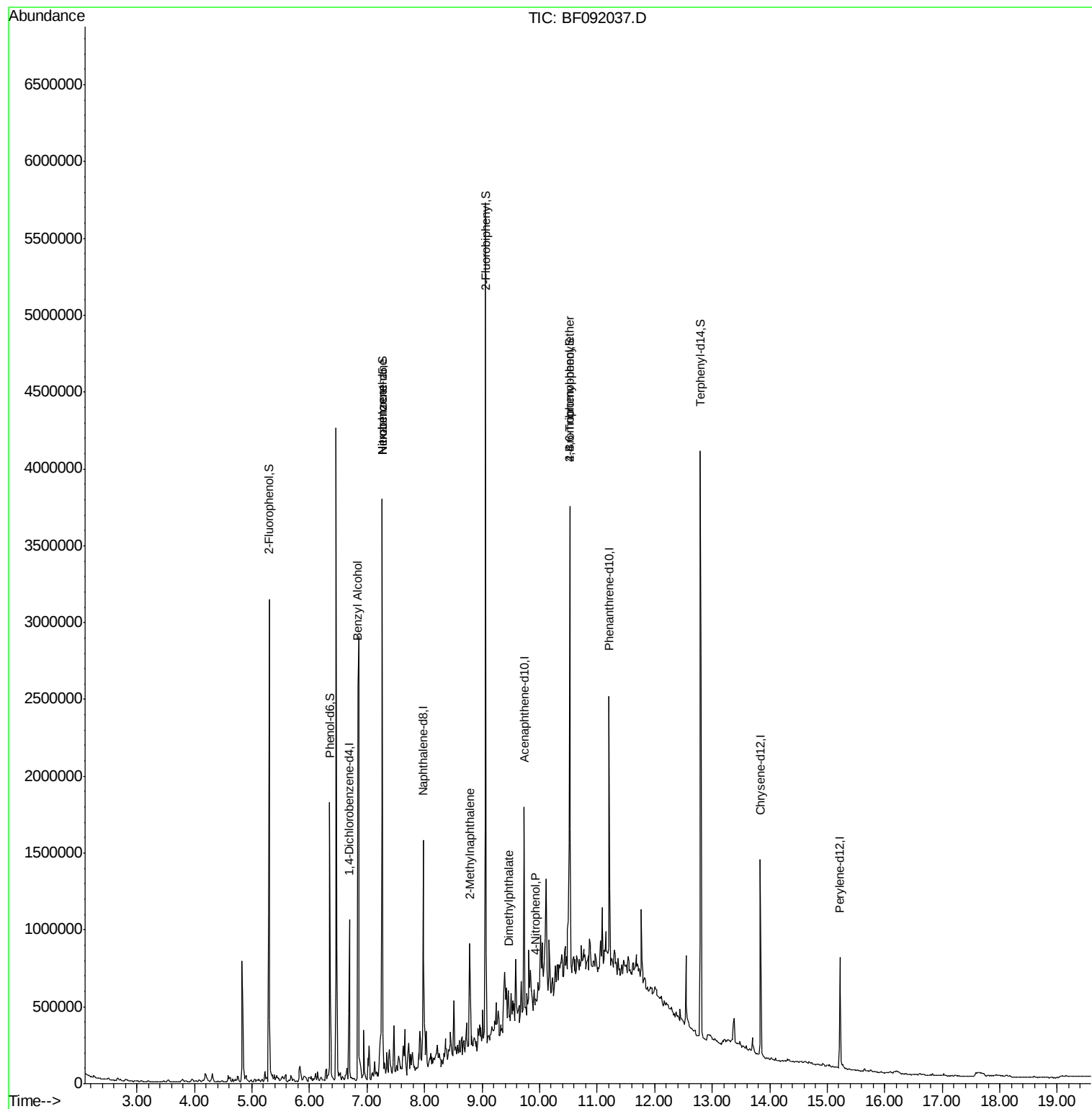
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	171185	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	657398	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	361454	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	606832	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	504179	20.00	ng	-0.03
86) Perylene-d12	15.22	264	357331	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	964540	94.08	ng	-0.02
7) Phenol-d6	6.35	99	628950	50.25	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1204031	101.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	415550	138.92	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1724268	100.02	ng	-0.02
78) Terphenyl-d14	12.80	244	1649003	79.32	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.24	77	1332	Below Cal	#	1
15) Benzyl Alcohol	6.84	79	23125	2.38 ng	#	50
18) Hexachloroethane	7.26	117	232680	49.53 ng	#	2
24) Nitrobenzene	7.26	77	25422	2.02 ng	#	4
37) 2-Methylnaphthalene	8.78	142	195113	7.99 ng		96
49) Dimethylphthalate	9.46	163	69331	3.00 ng	#	94
55) 4-Nitrophenol	9.93	139	17907	4.21 ng	#	51
66) 4-Bromophenyl-phenylether	10.52	248	25986	4.12 ng	#	1
71) Anthracene	11.29	178	1799	Below Cal	#	1
73) Di-n-butylphthalate	11.79	149	8693	Below Cal	#	58
74) Fluoranthene	12.42	202	2269	Below Cal	#	5
76) Benizidine	12.44	184	912	Below Cal	#	1

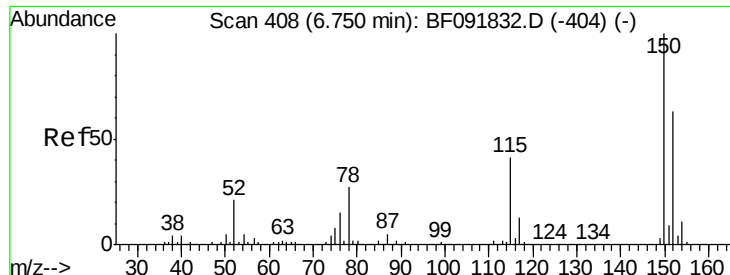
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-10

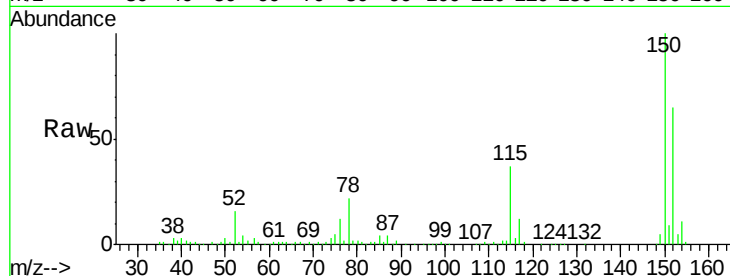
Tgt Ion:152 Resp: 171185

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

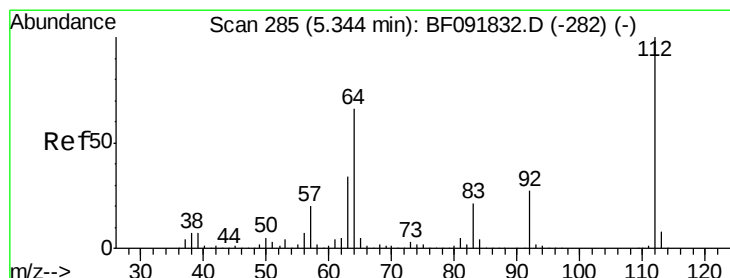
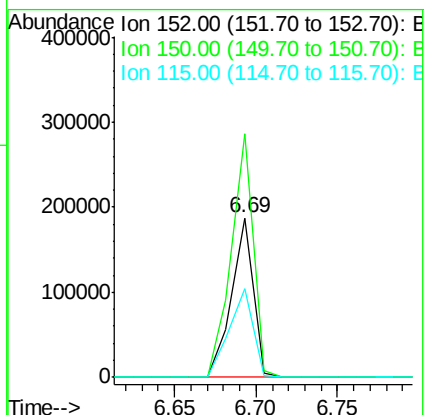
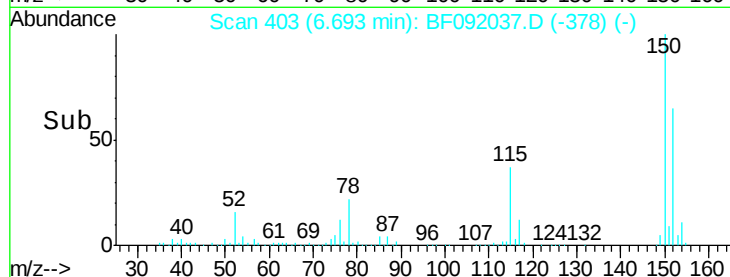
115 56.0 46.0 69.0



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: 94.08 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

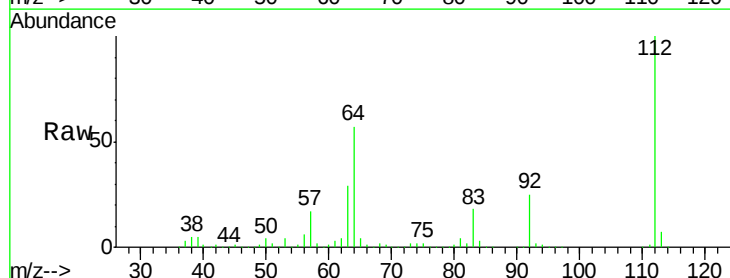
Tgt Ion:112 Resp: 964540

Ion Ratio Lower Upper

112 100

64 57.0 46.1 69.1

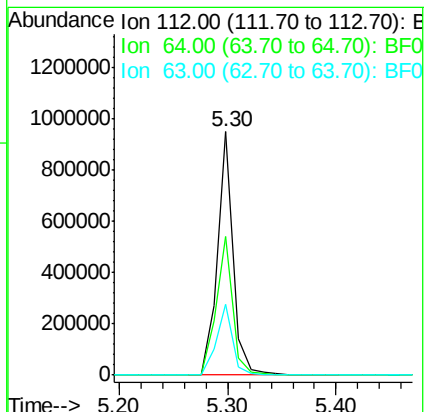
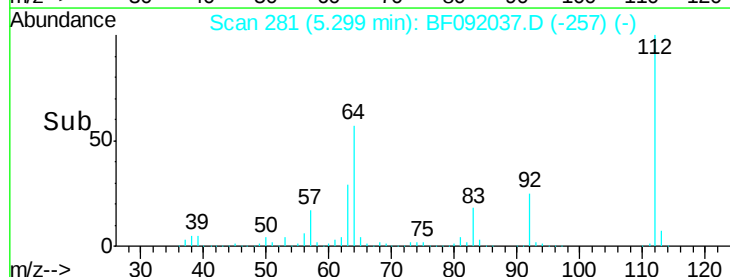
63 29.2 23.8 35.6

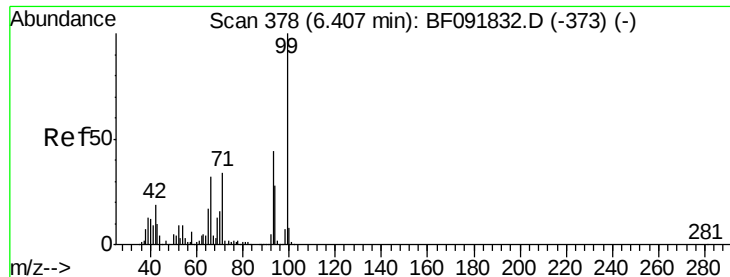


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.25 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-10

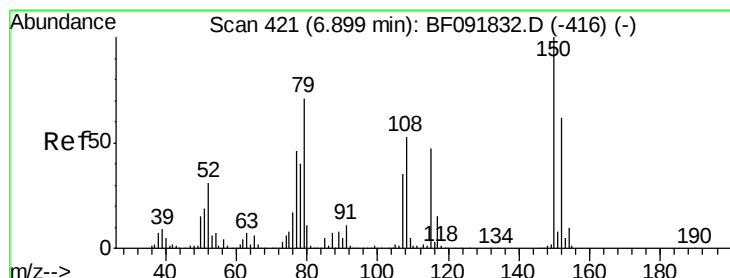
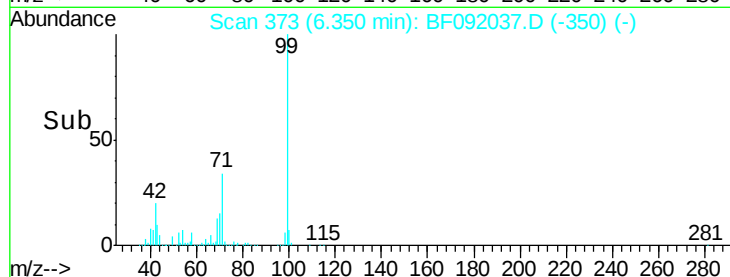
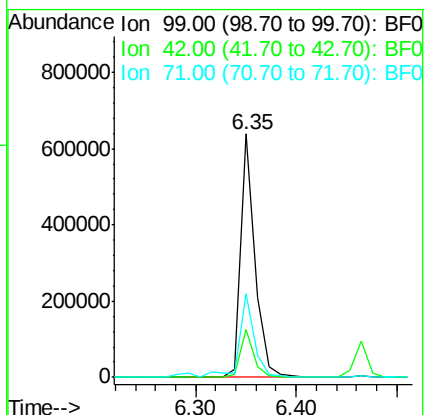
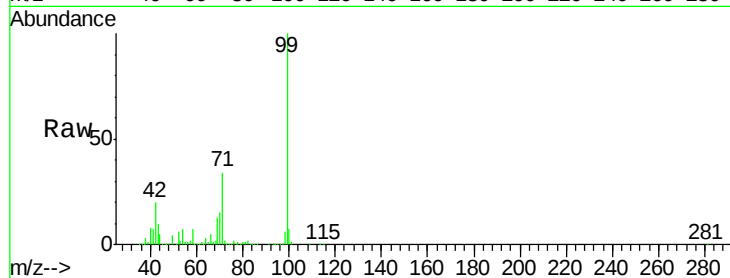
Tgt Ion: 99 Resp: 628950

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 34.3 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

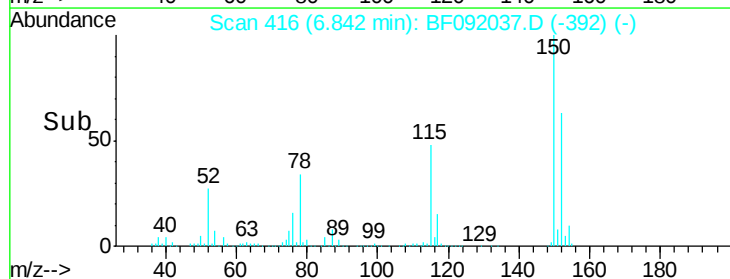
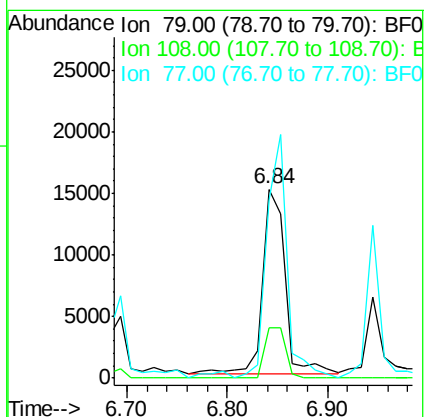
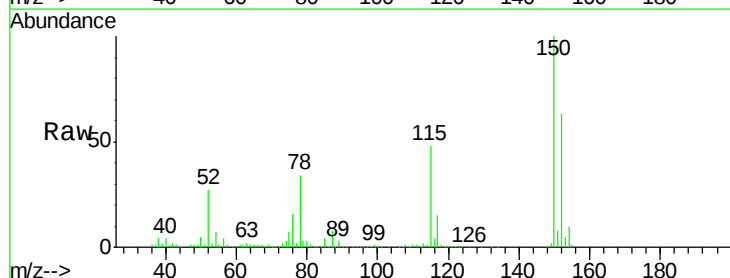
Tgt Ion: 79 Resp: 23125

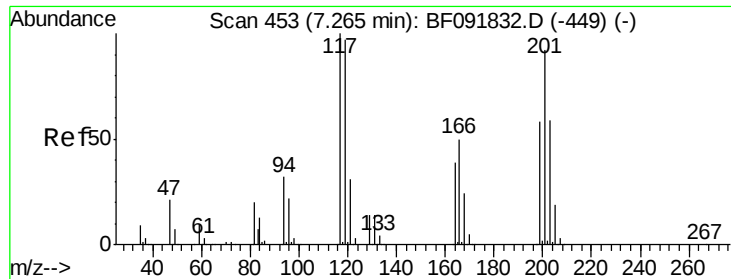
Ion Ratio Lower Upper

79 100

108 26.4 61.4 92.0#

77 94.2 50.9 76.3#

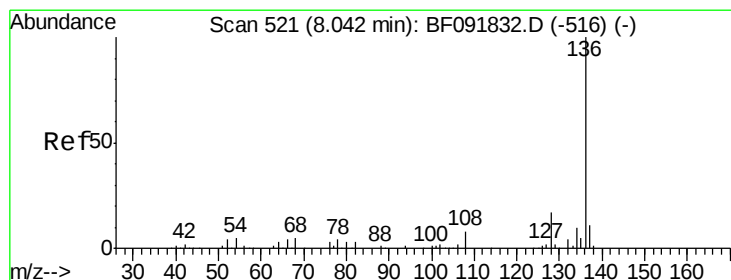
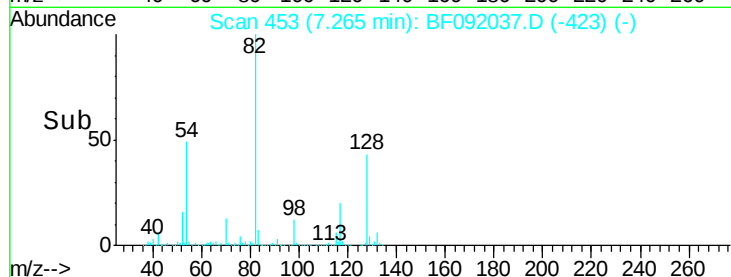
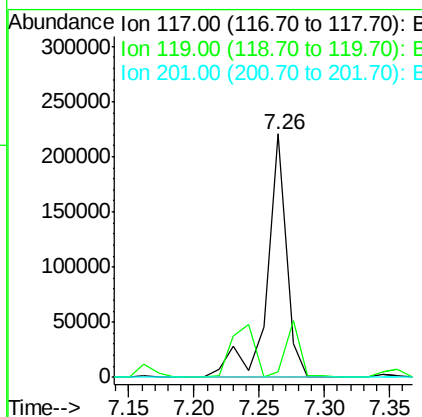
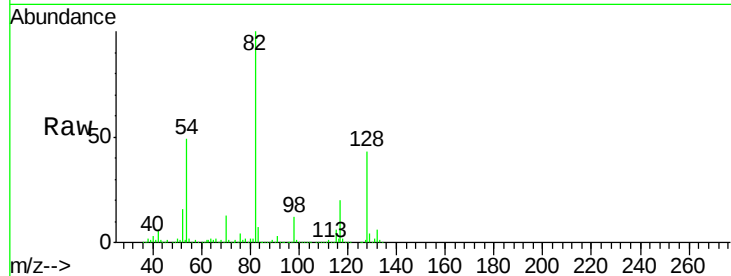




#18
Hexachloroethane
Concen: 49.53 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.05 min
Lab File: BF092037.D
Acq: 29 Dec 2016 21:20

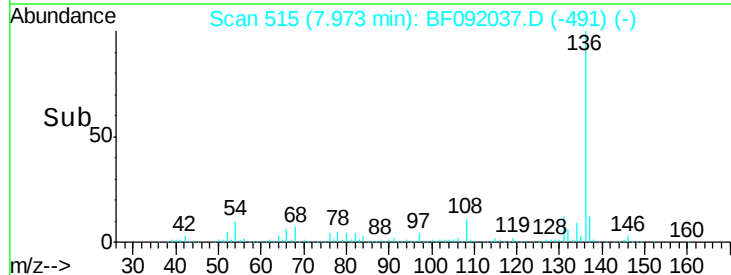
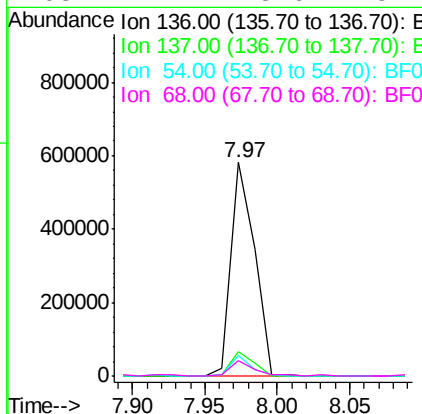
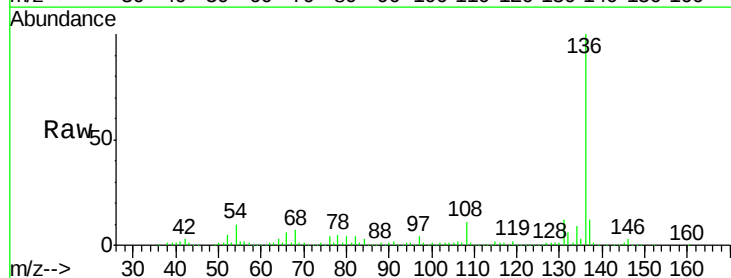
Instrument :
BNA_F
ClientSampleId :
MW-10

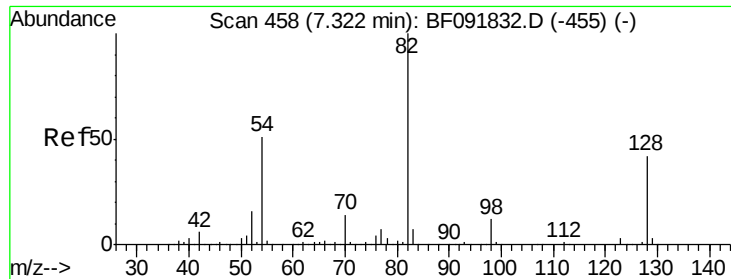
Tgt Ion:117 Resp: 232680
Ion Ratio Lower Upper
117 100
119 2.4 78.1 117.1#
201 0.0 78.6 117.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092037.D
Acq: 29 Dec 2016 21:20

Tgt Ion:136 Resp: 657398
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.8 4.5 6.7#
68 7.2 3.6 5.4#

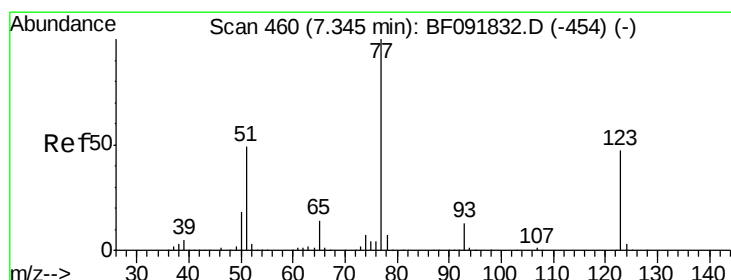
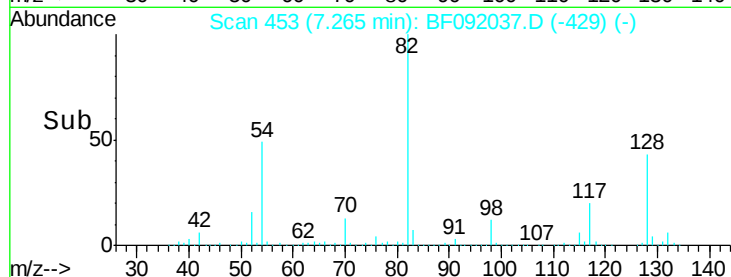
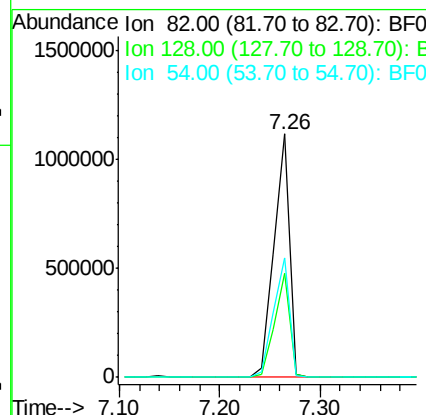
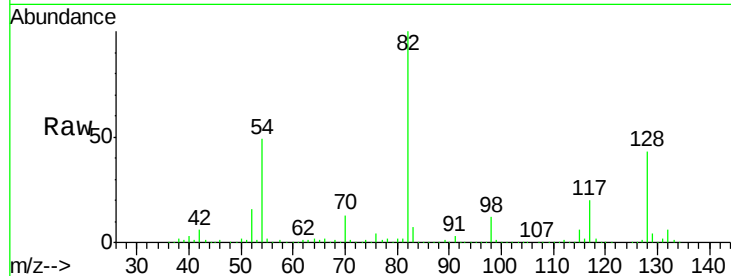




#23
 Nitrobenzene-d5
 Concen: 101.84 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092037.D
 Acq: 29 Dec 2016 21:20

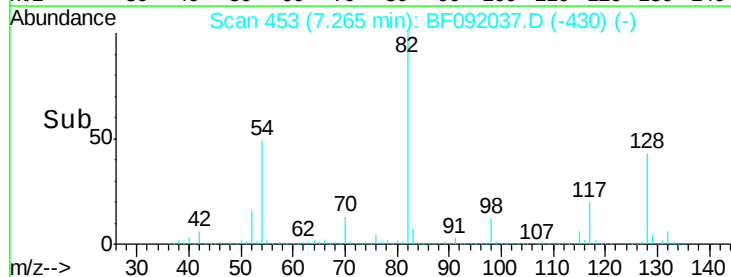
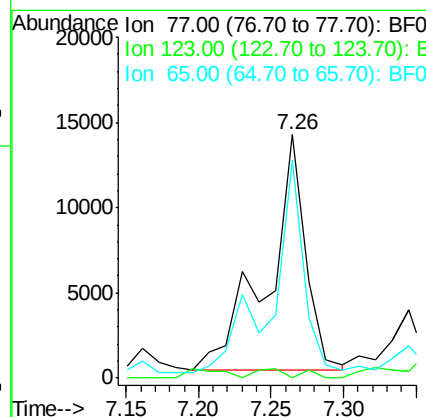
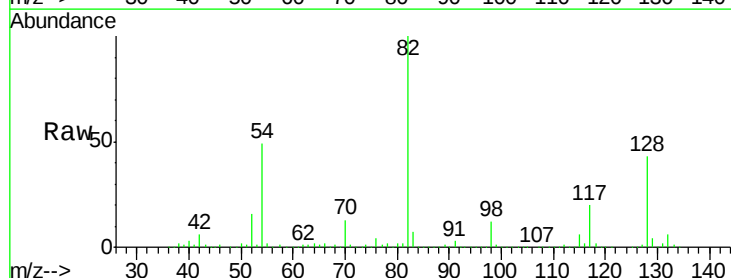
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

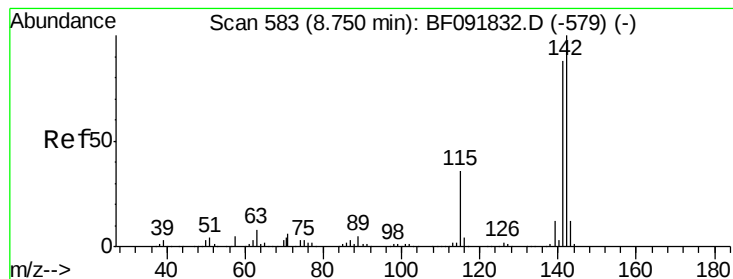
Tgt Ion: 82 Resp: 1204031
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 49.0 39.5 59.3



#24
 Nitrobenzene
 Concen: 2.02 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF092037.D
 Acq: 29 Dec 2016 21:20

Tgt Ion: 77 Resp: 25422
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 89.5 11.2 16.8#

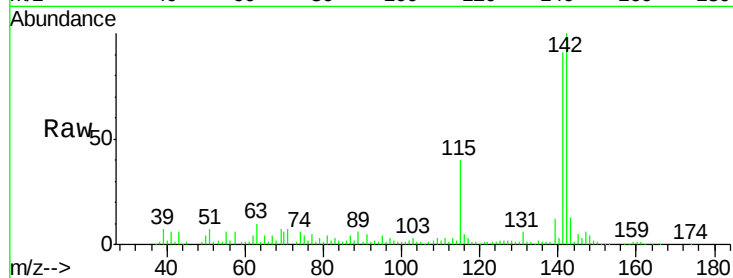




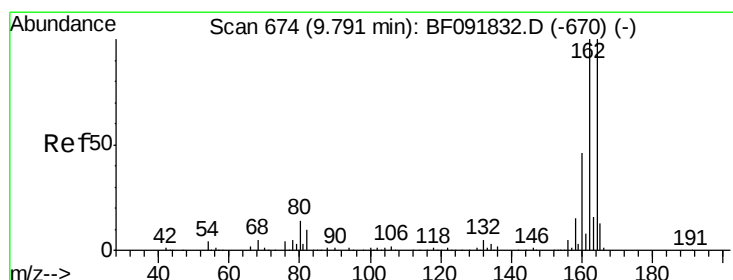
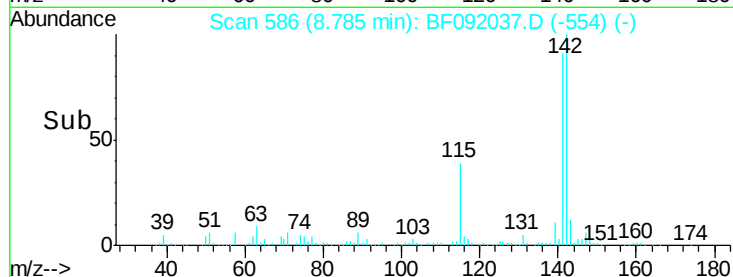
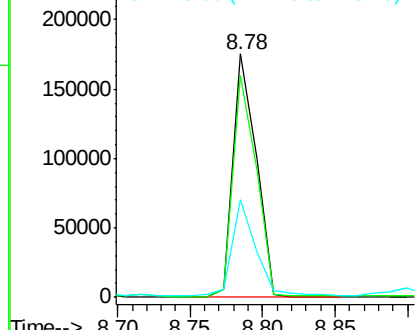
#37
2-Methylnaphthalene
Concen: 7.99 ng
RT: 8.78 min Scan# 586
Delta R.T. 0.07 min
Lab File: BF092037.D
Acq: 29 Dec 2016 21:20

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:142 Resp: 195113
Ion Ratio Lower Upper
142 100
141 91.0 71.0 106.6
115 40.1 28.3 42.5

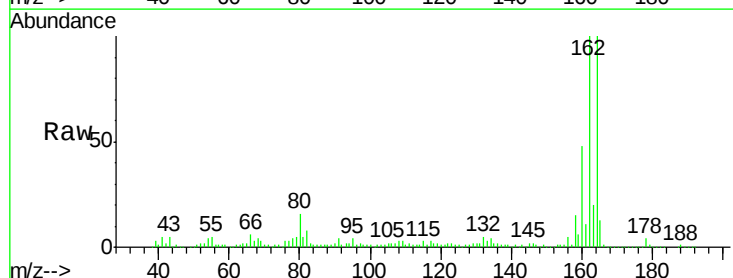


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

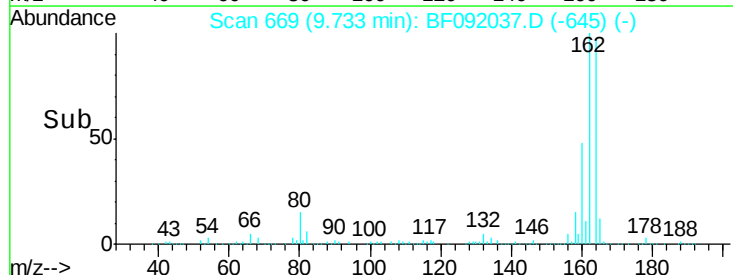
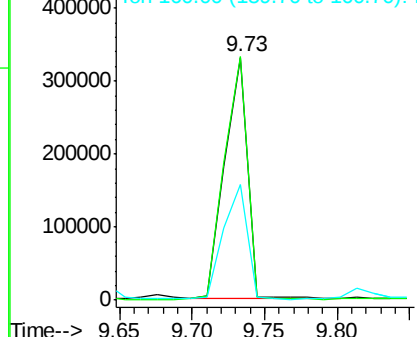


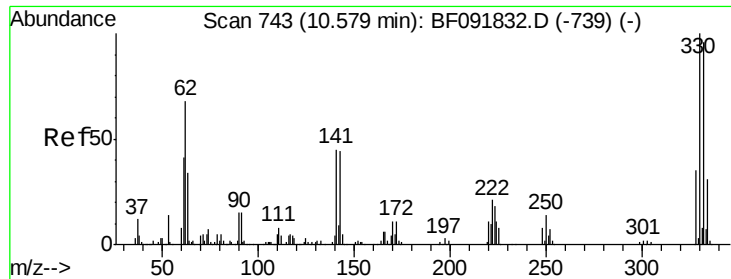
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092037.D
Acq: 29 Dec 2016 21:20

Tgt Ion:164 Resp: 361454
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 47.6 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

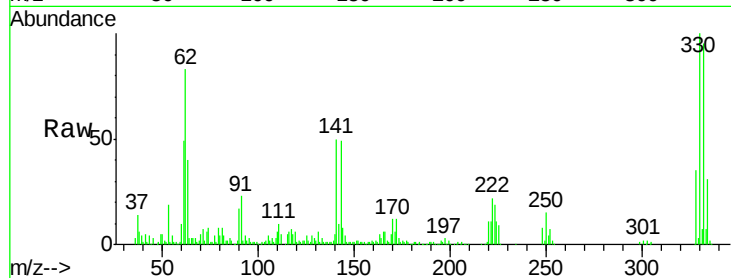




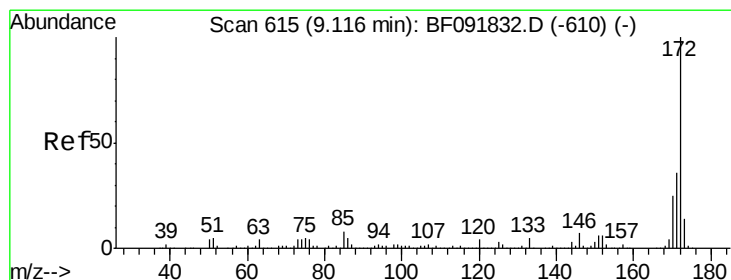
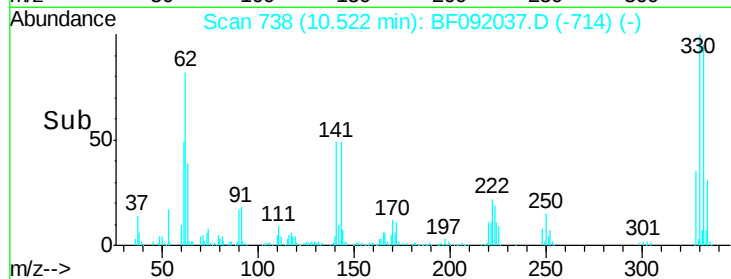
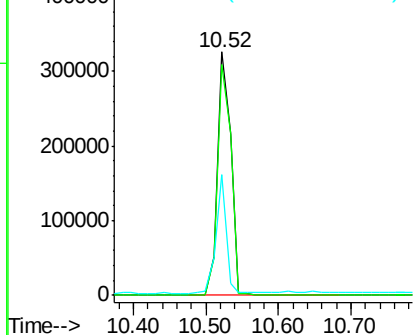
#41
 2,4,6-Tribromophenol
 Concen: 138.92 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092037.D
 Acq: 29 Dec 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:330 Resp: 415550
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 37.4 34.1 51.1

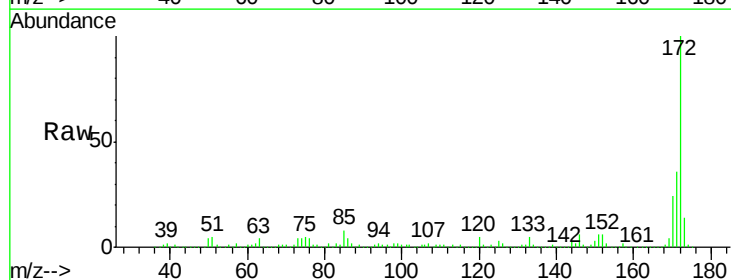


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

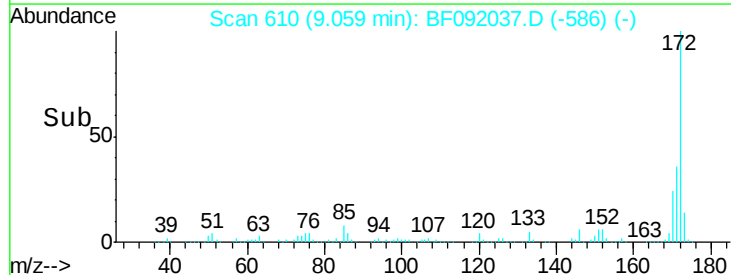
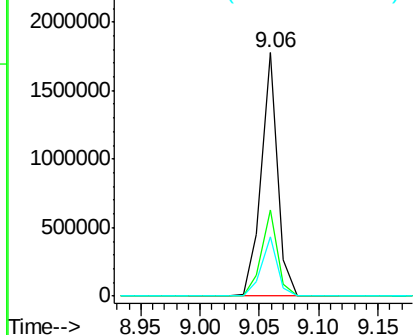


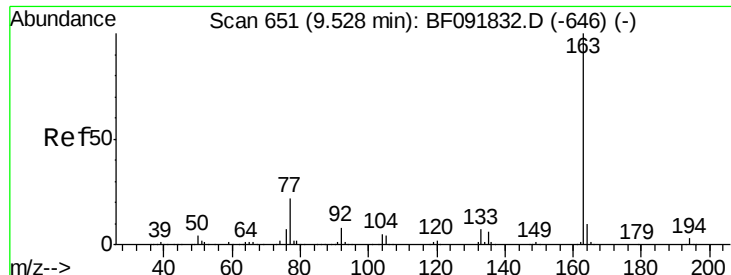
#44
 2-Fluorobiphenyl
 Concen: 100.02 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092037.D
 Acq: 29 Dec 2016 21:20

Tgt Ion:172 Resp: 1724268
 Ion Ratio Lower Upper
 172 100
 171 35.6 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





#49

Dimethylphthalate

Concen: 3.00 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-10

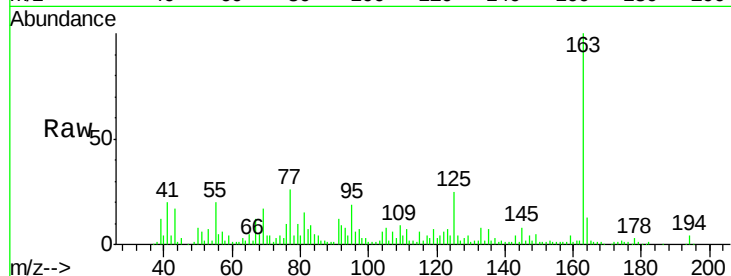
Tgt Ion:163 Resp: 69331

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

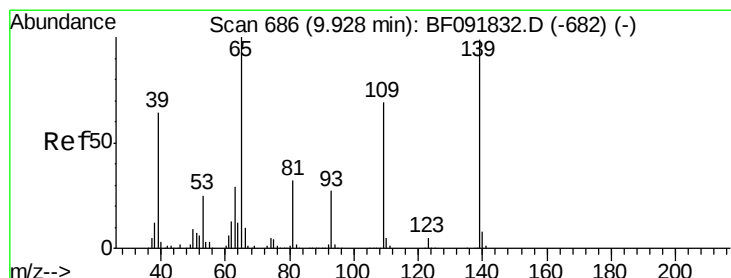
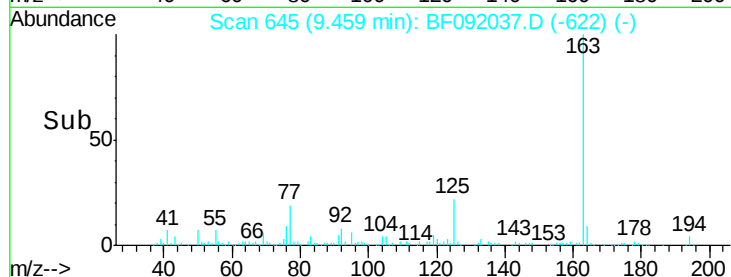
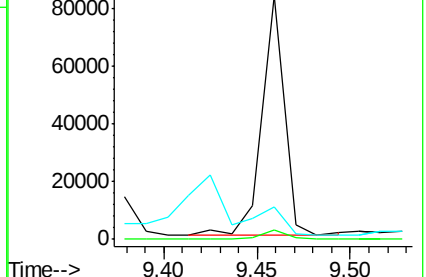
164 13.1 8.0 12.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55

4-Nitrophenol

Concen: 4.21 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

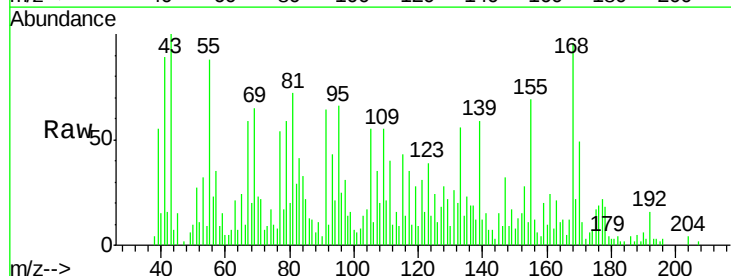
Tgt Ion:139 Resp: 17907

Ion Ratio Lower Upper

139 100

109 94.2 52.2 92.2#

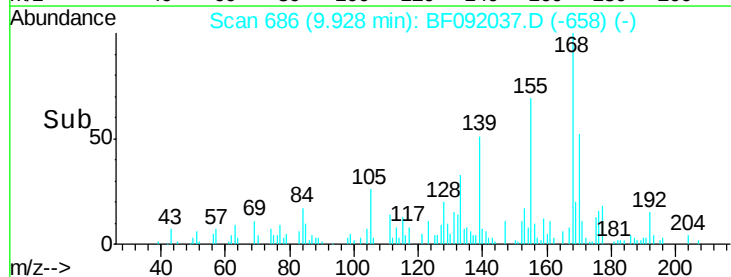
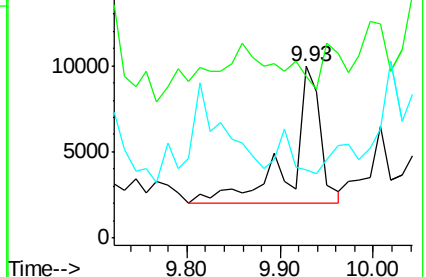
65 40.0 85.8 125.8#

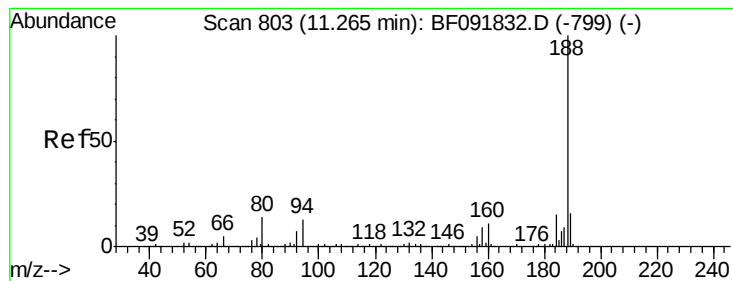


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-10

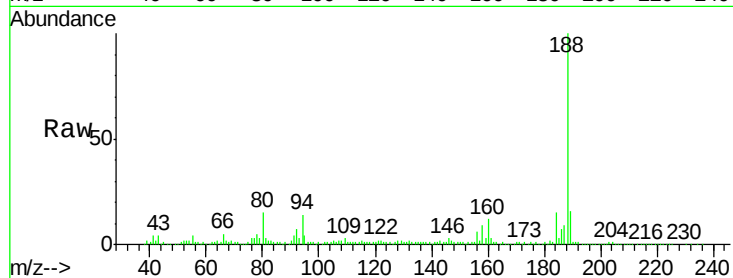
Tgt Ion:188 Resp: 606832

Ion Ratio Lower Upper

188 100

94 13.7 10.0 15.0

80 14.6 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

800000

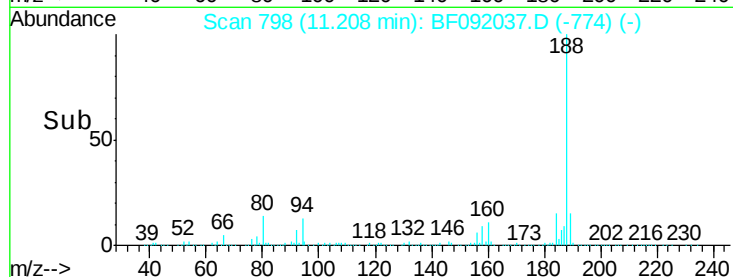
600000

400000

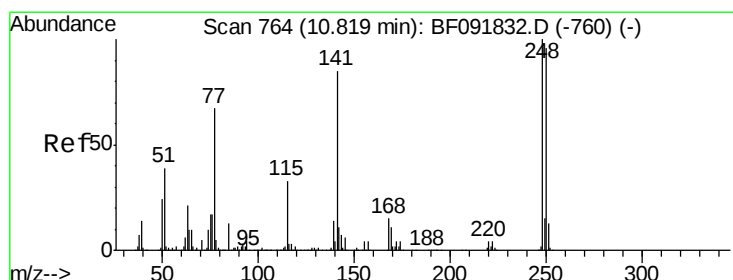
200000

0

11.10 11.20 11.30



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.12 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

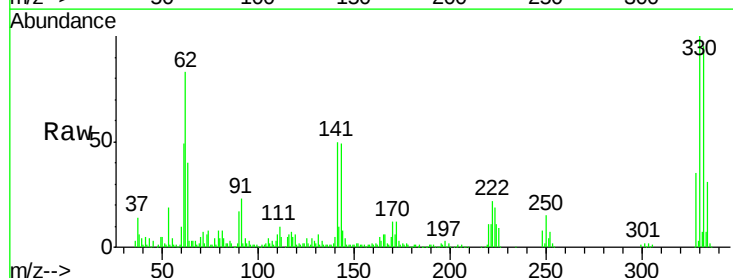
Tgt Ion:248 Resp: 25986

Ion Ratio Lower Upper

248 100

250 196.0 76.9 115.3#

141 655.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

200000

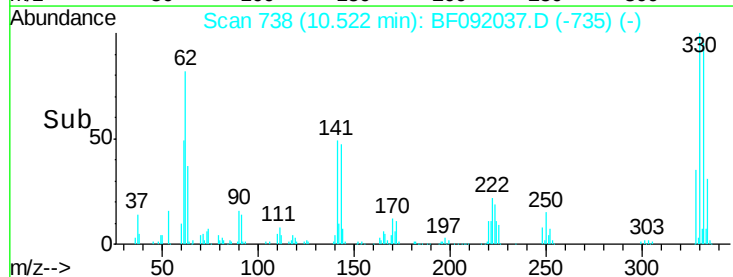
150000

100000

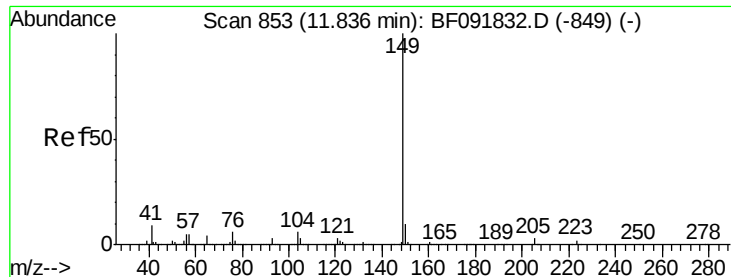
50000

0

10.50 10.52 10.55



Time-->



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-10

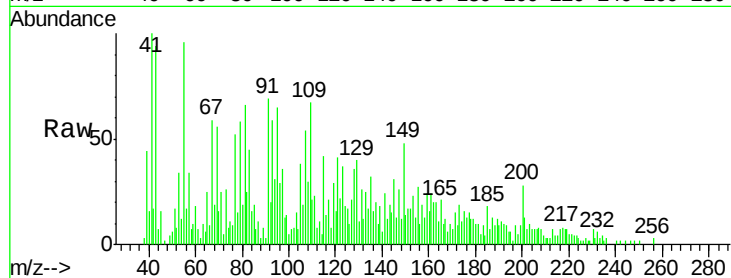
Tgt Ion:149 Resp: 8693

Ion Ratio Lower Upper

149 100

150 28.8 8.1 12.1#

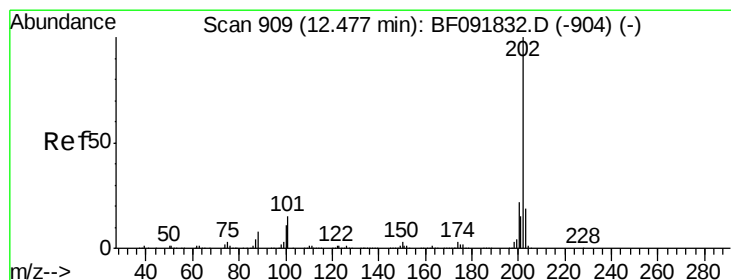
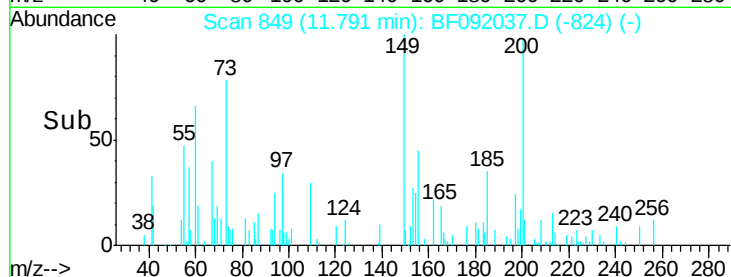
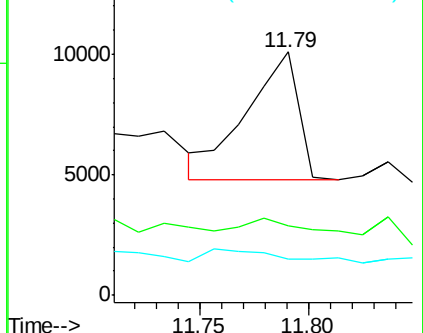
104 15.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

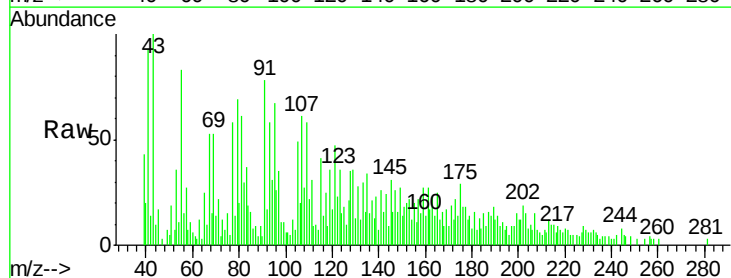
Tgt Ion:202 Resp: 2269

Ion Ratio Lower Upper

202 100

101 32.0 0.0 34.6

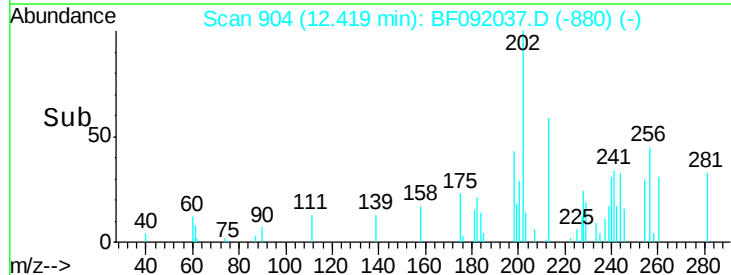
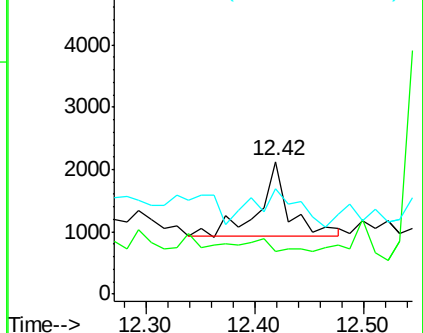
203 79.9 0.0 38.7#

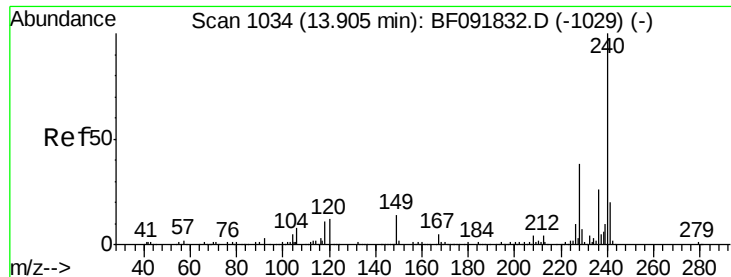


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

Instrument :

BNA_F

ClientSampled :

MW-10

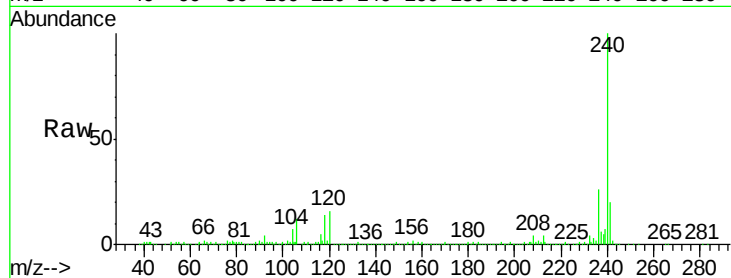
Tgt Ion:240 Resp: 504179

Ion Ratio Lower Upper

240 100

120 15.9 12.9 19.3

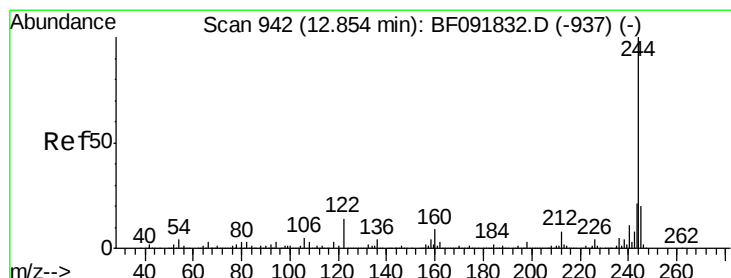
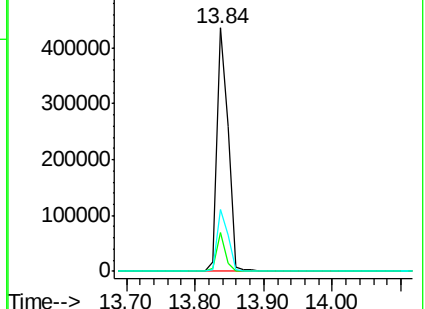
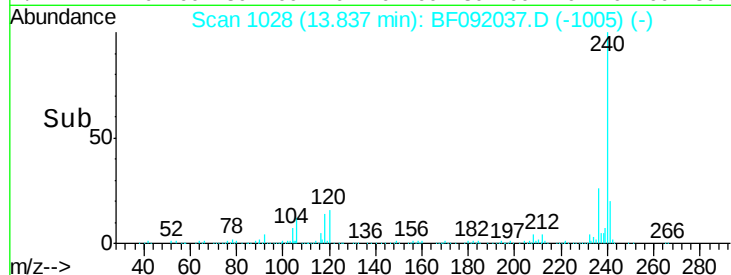
236 25.6 20.9 31.3



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: 79.32 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092037.D

Acq: 29 Dec 2016 21:20

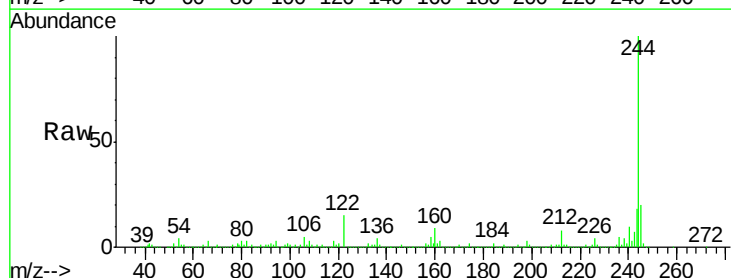
Tgt Ion:244 Resp: 1649003

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

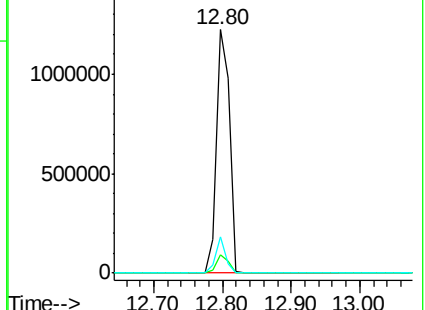
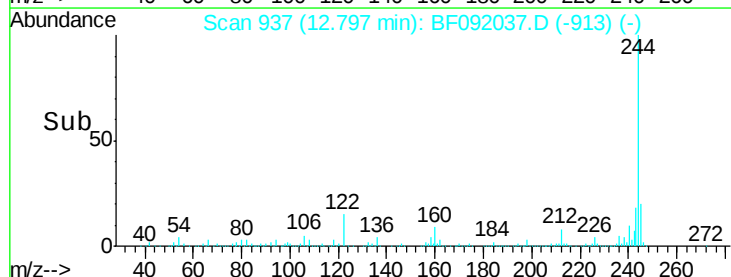
122 14.8 11.4 17.2

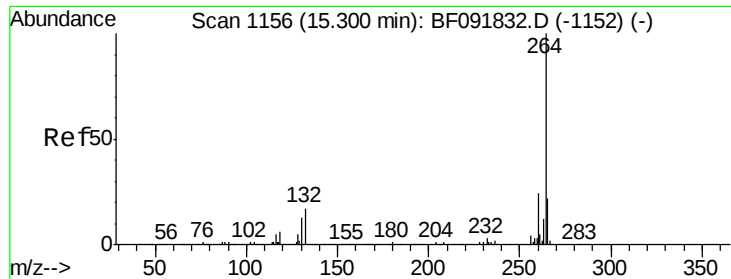


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

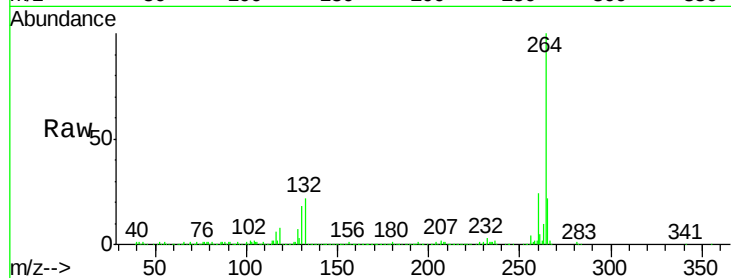




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF092037.D
Acq: 29 Dec 2016 21:20

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 264 Resp: 357331
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.4 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

