

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092005.D
 Acq On : 28 Dec 2016 20:15
 Operator : UM/SJ
 Sample : H6281-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Dec 29 00:41:19 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	214406	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	745159	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	295351	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	327953	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	455283	20.00	ng	-0.01
86) Perylene-d12	15.24	264	321764	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	849287	66.14	ng	0.00
7) Phenol-d6	6.36	99	635629	40.54	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1423955	106.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	309873	126.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2136147	159.50	ng	-0.01
78) Terphenyl-d14	12.82	244	1289676	68.70	ng	0.00

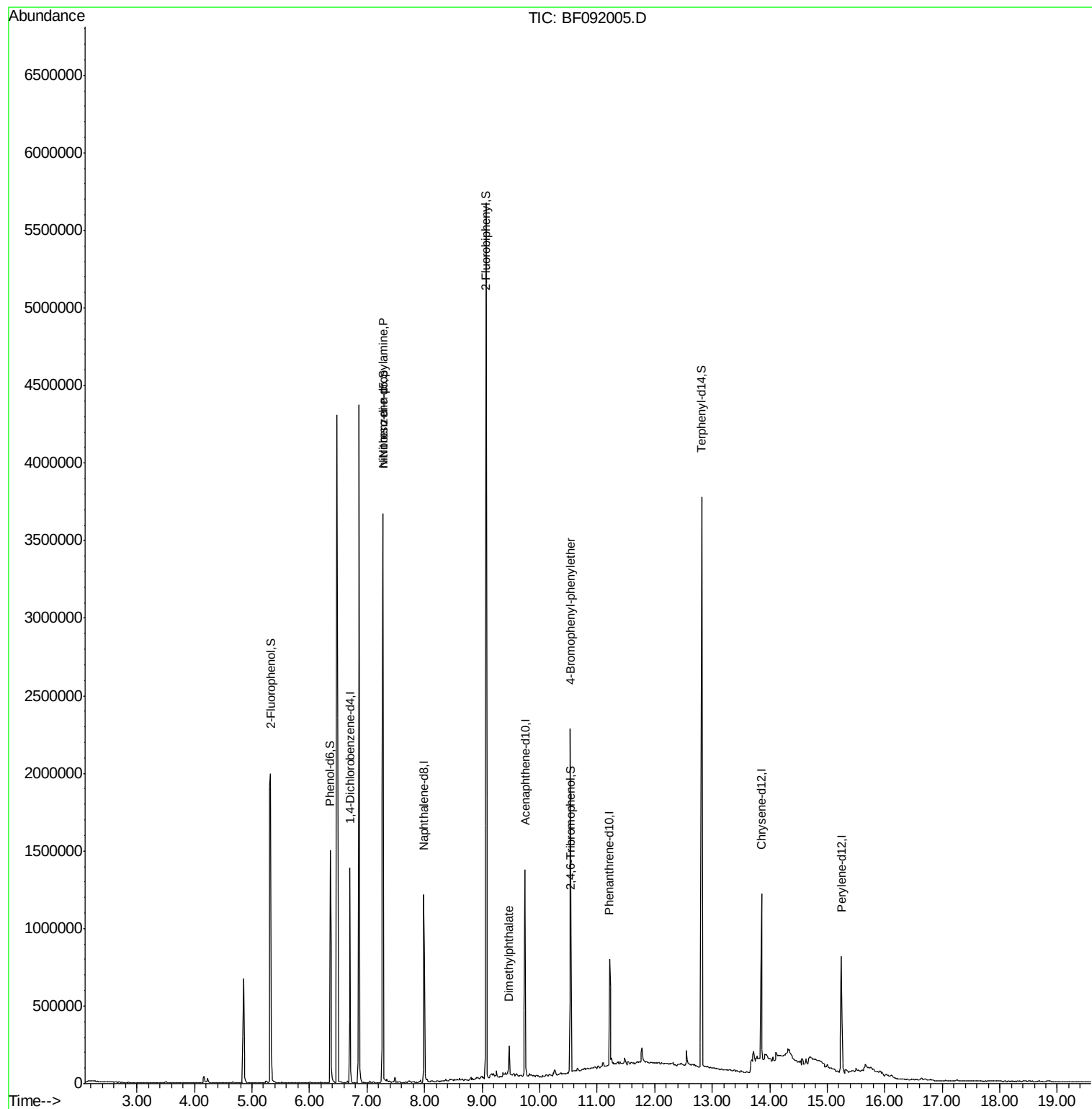
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	1208	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	196875	18.88	ng	77
37) 2-Methylnaphthalene	8.81	142	4267	Below Cal		89
49) Dimethylphthalate	9.47	163	74809	3.96	ng	98
66) 4-Bromophenyl-phenylether	10.53	248	18677	5.47	ng	1
71) Anthracene	11.30	178	971	Below Cal	#	3
73) Di-n-butylphthalate	11.80	149	5665	Below Cal	#	79
74) Fluoranthene	12.43	202	6182	Below Cal		76
76) Benzydine	12.56	184	998	Below Cal	#	1

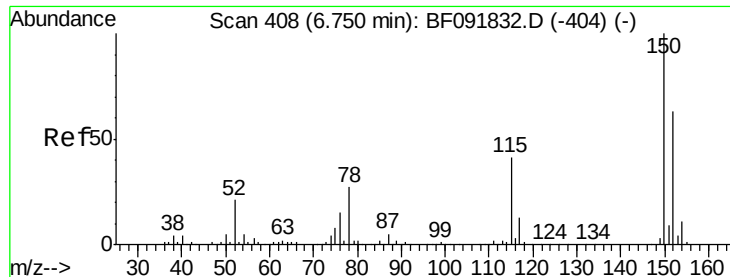
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-6

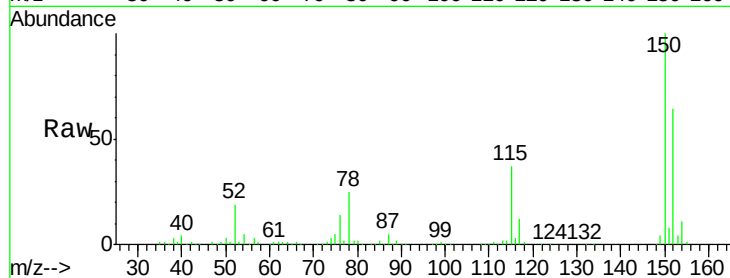
Tgt Ion:152 Resp: 214406

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

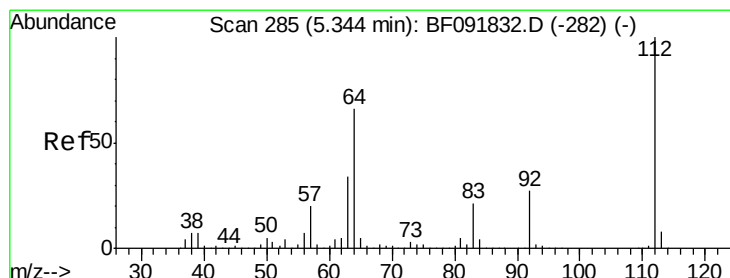
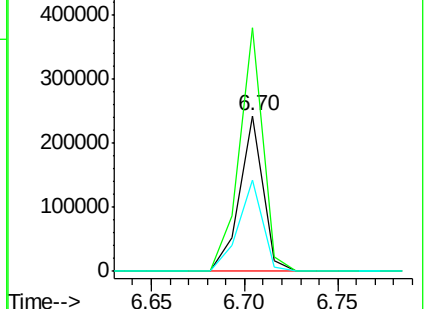
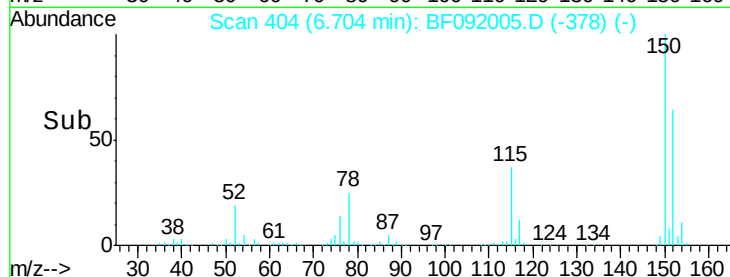
115 58.1 46.0 69.0



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: 66.14 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

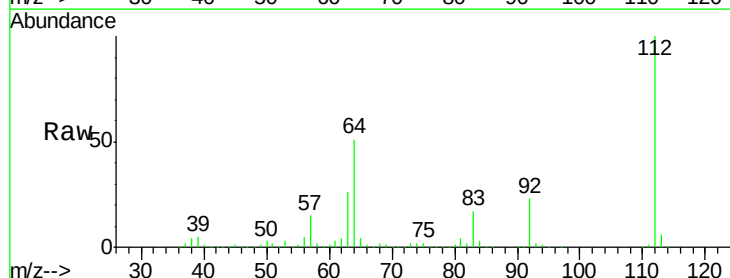
Tgt Ion:112 Resp: 849287

Ion Ratio Lower Upper

112 100

64 51.4 46.1 69.1

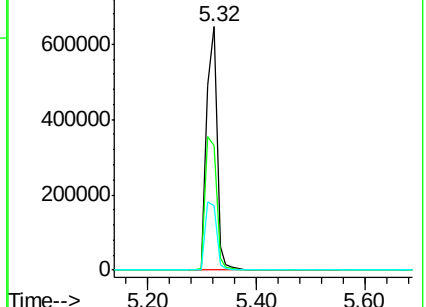
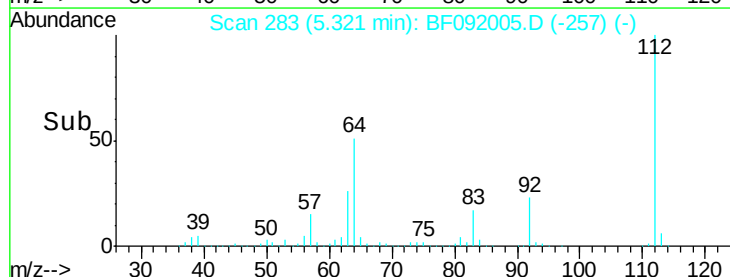
63 26.2 23.8 35.6

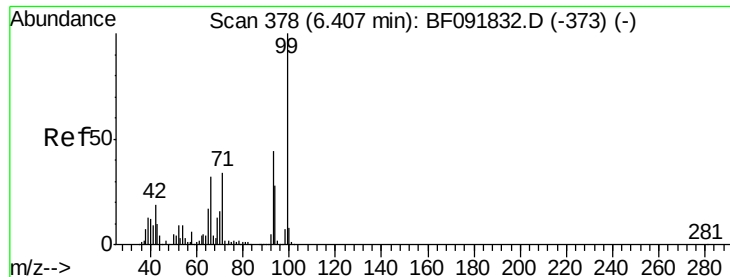


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.54 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-6

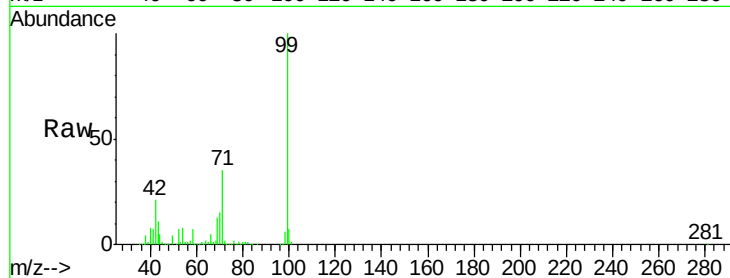
Tgt Ion: 99 Resp: 635629

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

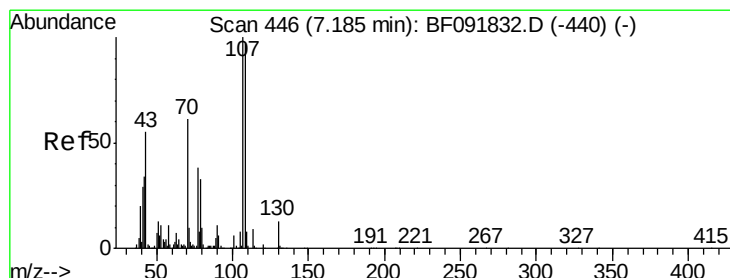
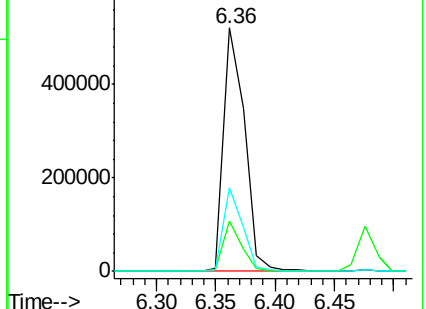
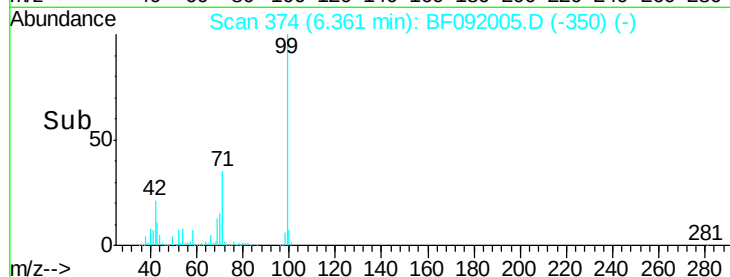
71 34.5 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.88 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

Tgt Ion: 70 Resp: 196875

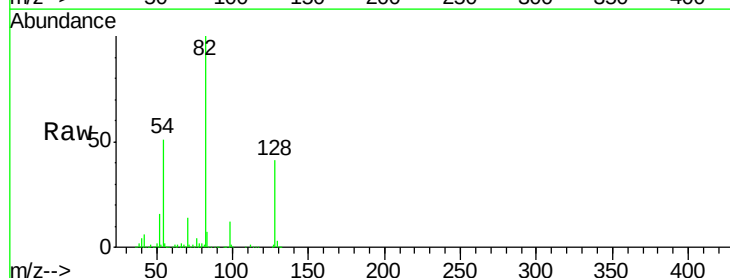
Ion Ratio Lower Upper

70 100

42 46.7 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

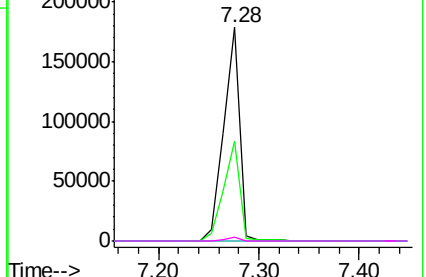
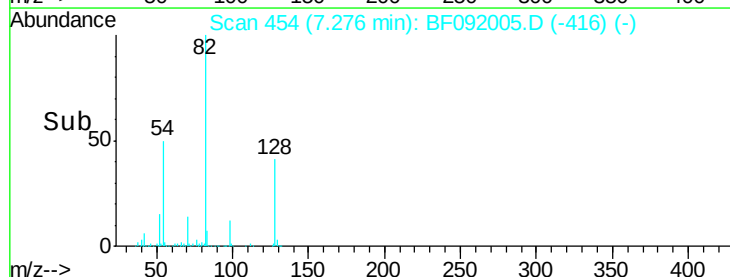


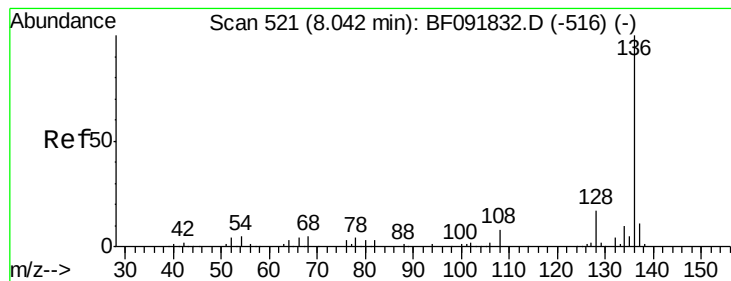
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-6

Tgt Ion: 136 Resp: 745159

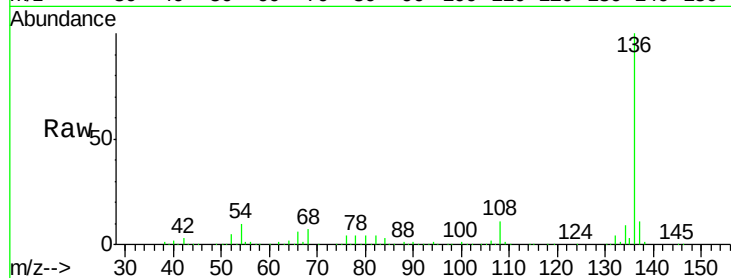
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.2 4.5 6.7#

68 7.3 3.6 5.4#

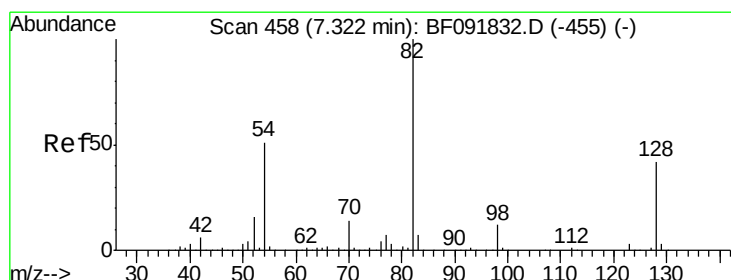
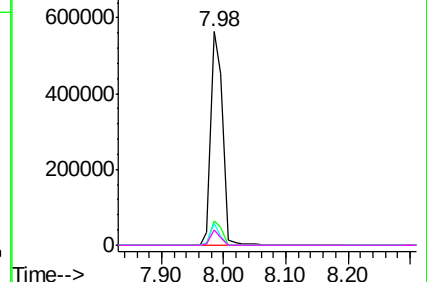
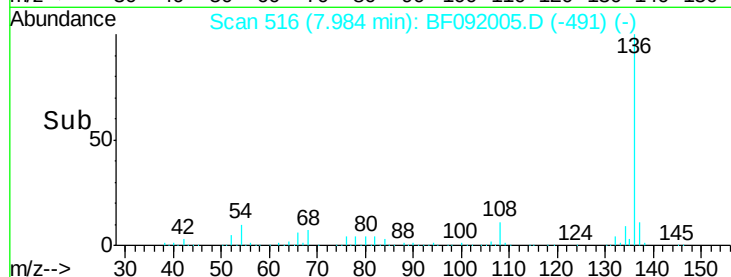


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.26 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

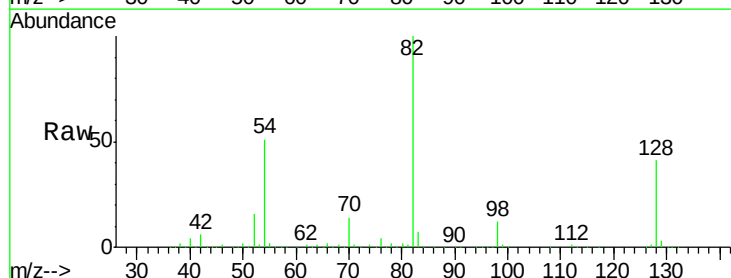
Tgt Ion: 82 Resp: 1423955

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

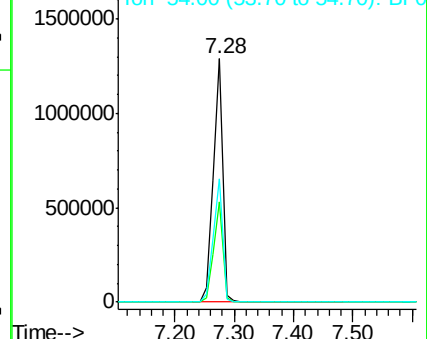
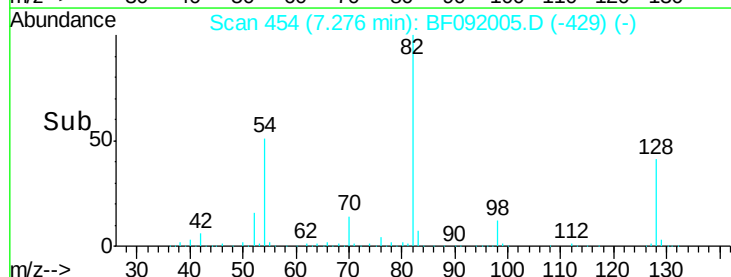
54 50.6 39.5 59.3

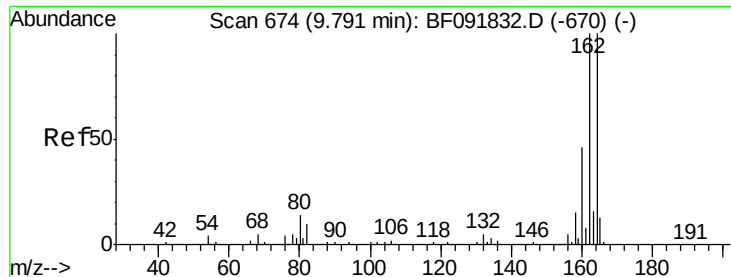


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-6

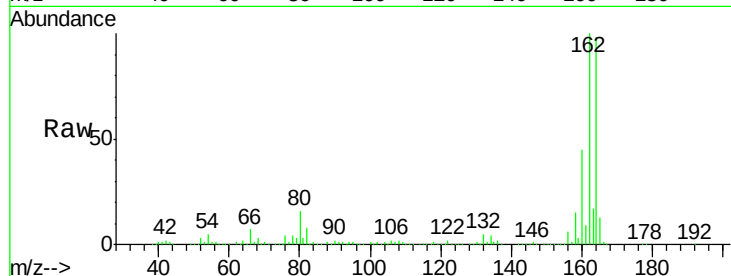
Tgt Ion:164 Resp: 295351

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

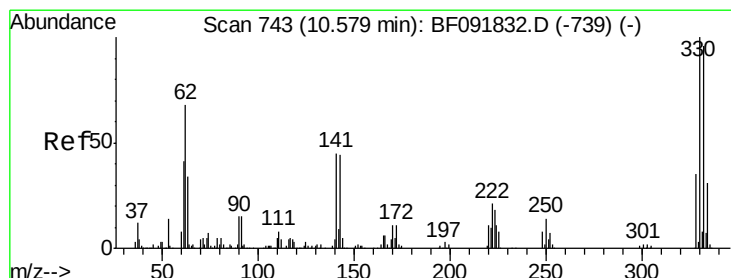
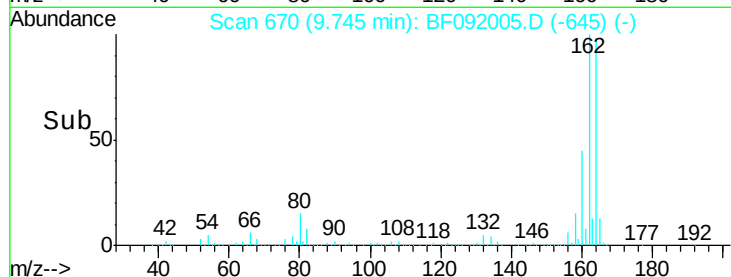
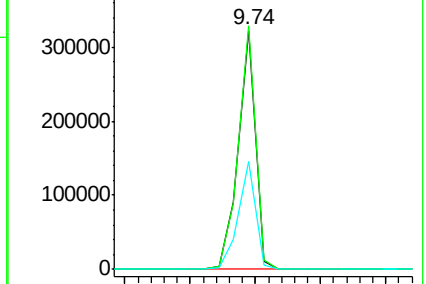
160 45.4 36.9 55.3



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: 126.78 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

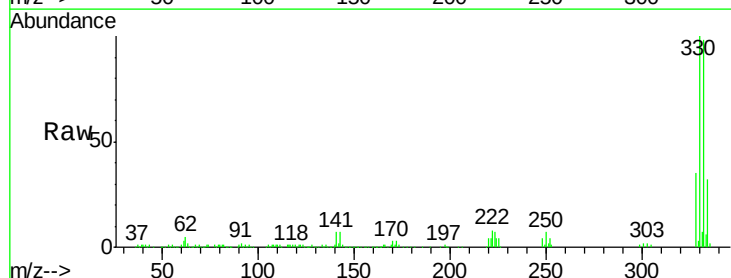
Tgt Ion:330 Resp: 309873

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

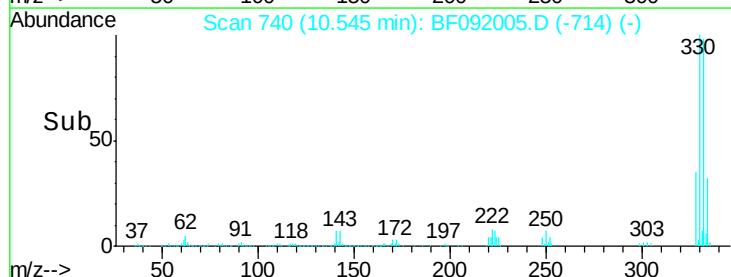
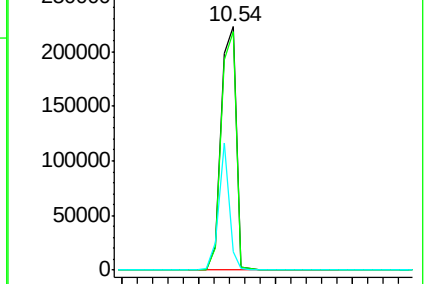
141 35.6 34.1 51.1

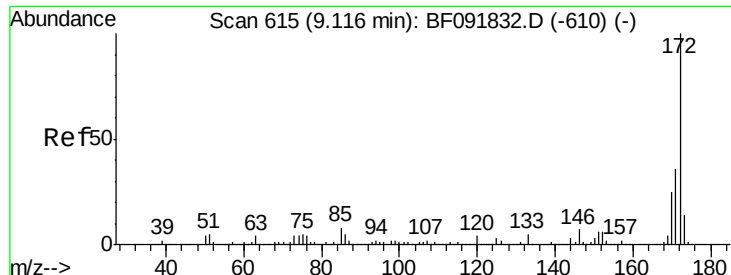


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

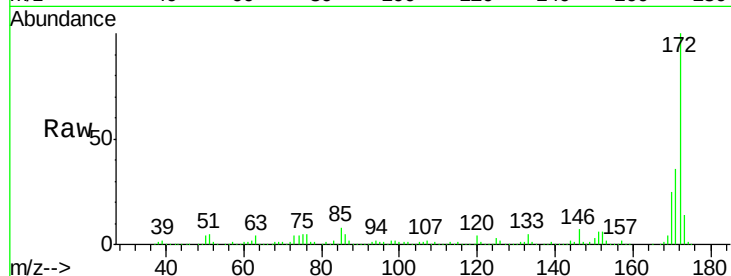




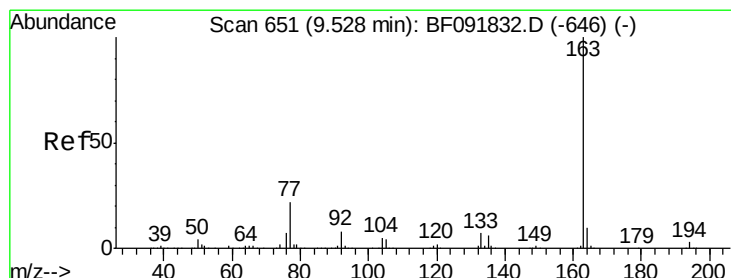
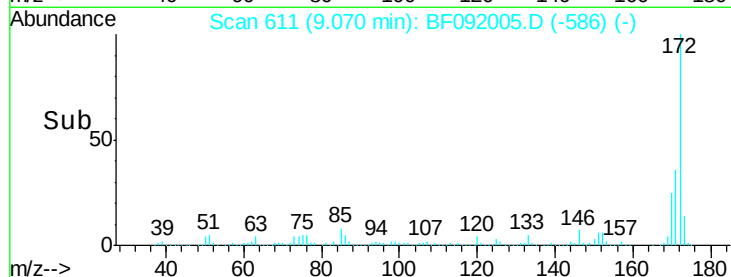
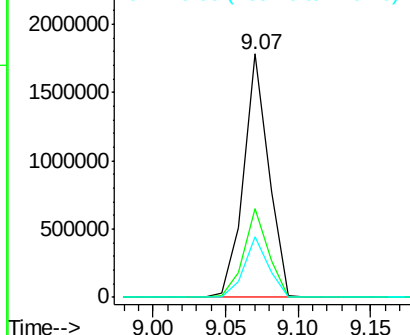
#44
2-Fluorobiphenyl
Concen: 159.50 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF092005.D
Acq: 28 Dec 2016 20:15

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:172 Resp: 2136147
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.7 20.2 30.4

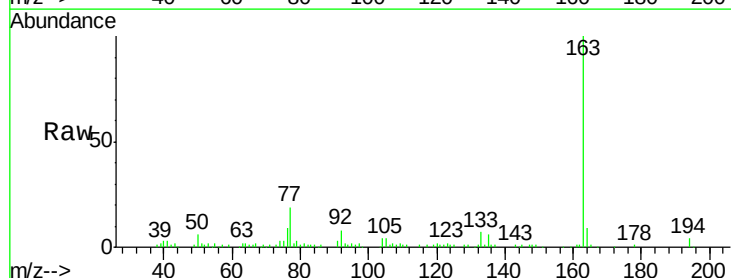


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

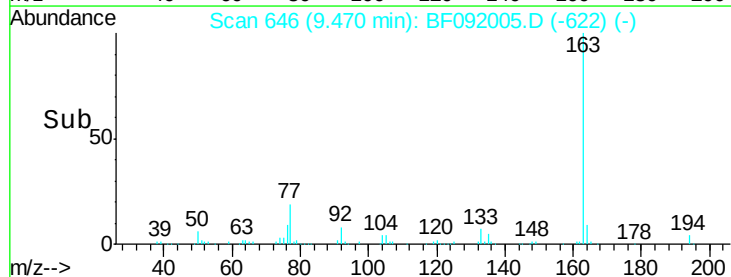
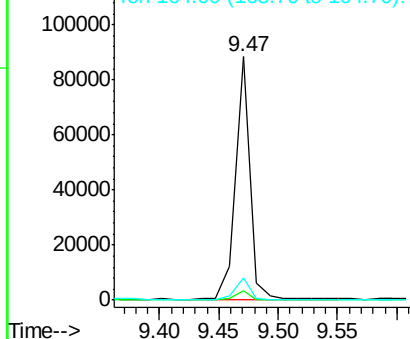


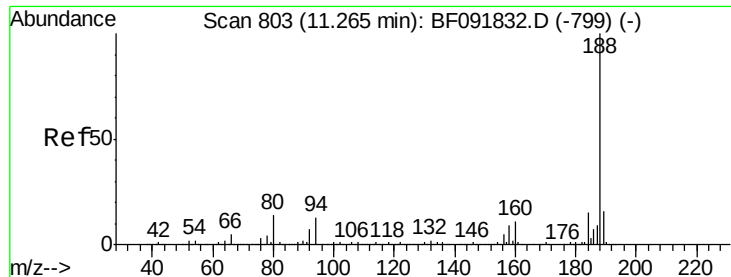
#49
Dimethylphthalate
Concen: 3.96 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF092005.D
Acq: 28 Dec 2016 20:15

Tgt Ion:163 Resp: 74809
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.2 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

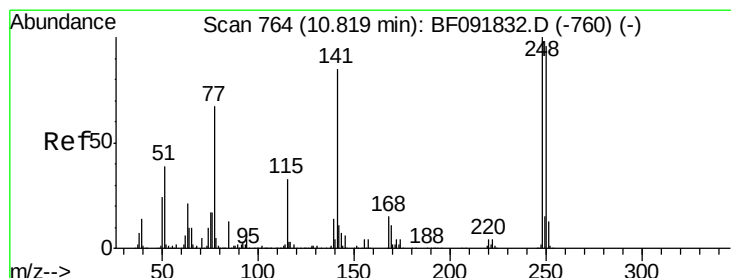
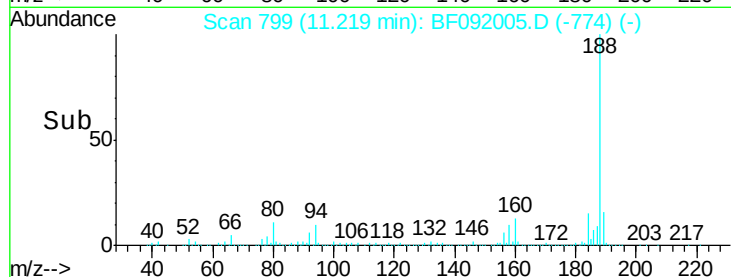
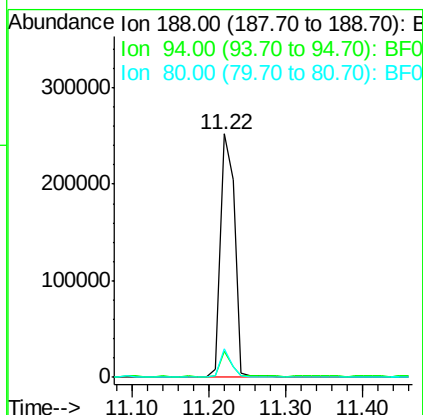
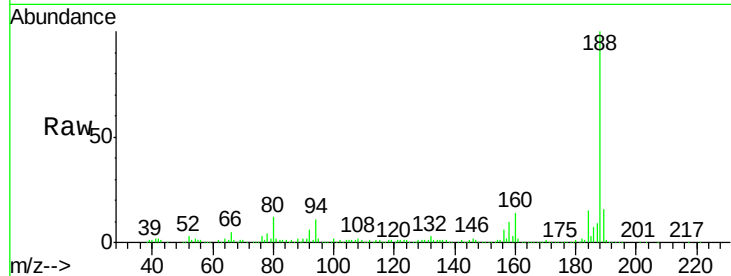




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092005.D
Acq: 28 Dec 2016 20:15

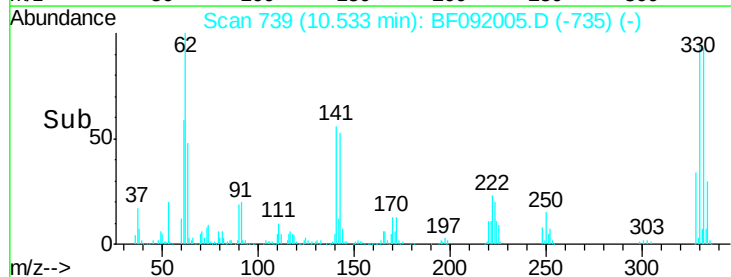
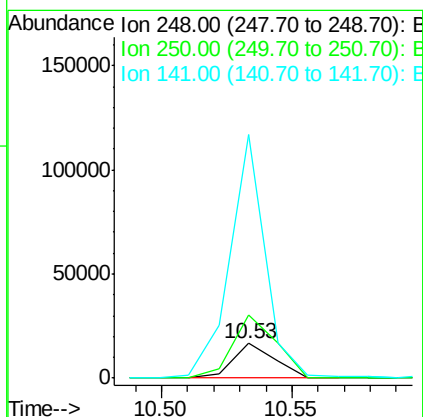
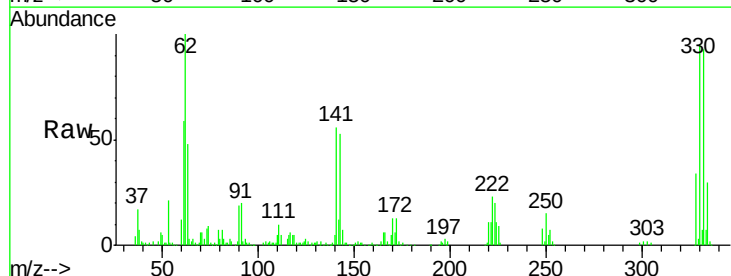
Instrument :
BNA_F
ClientSampleId :
MW-6

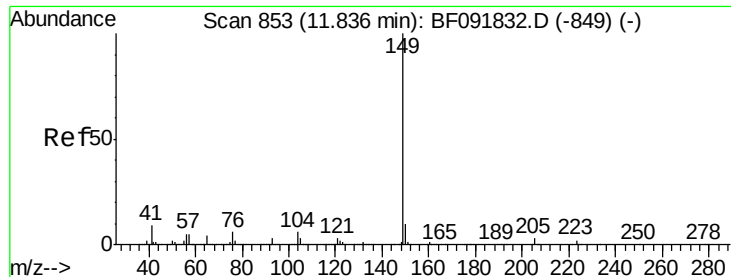
Tgt Ion:188 Resp: 327953
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.7 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 5.47 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF092005.D
Acq: 28 Dec 2016 20:15

Tgt Ion:248 Resp: 18677
Ion Ratio Lower Upper
248 100
250 182.6 76.9 115.3#
141 703.8 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.80 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-6

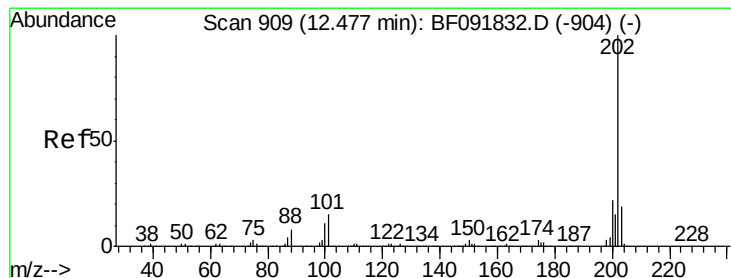
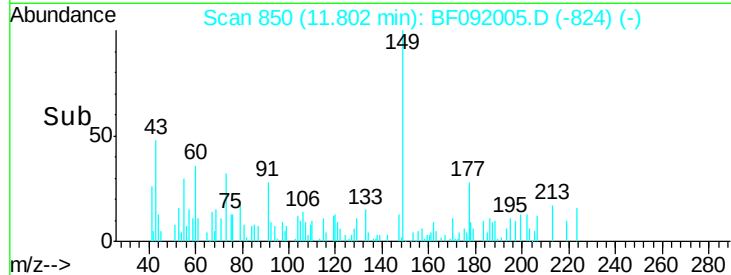
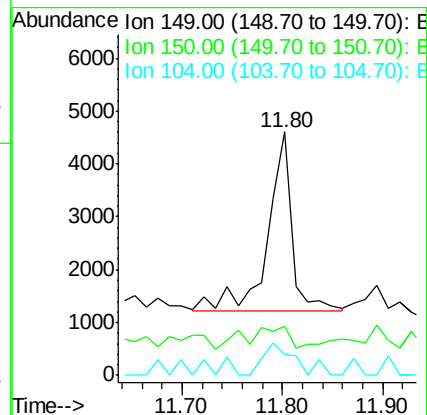
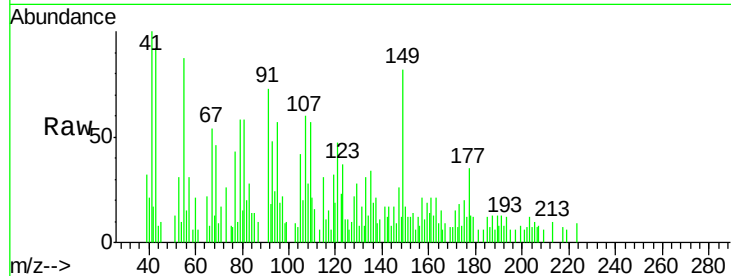
Tgt Ion:149 Resp: 5665

Ion Ratio Lower Upper

149 100

150 20.3 8.1 12.1#

104 8.8 4.6 7.0#



#74

Fluoranthene

Concen: Below Cal

RT: 12.43 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

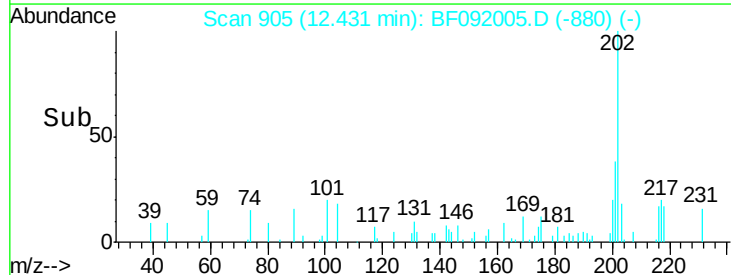
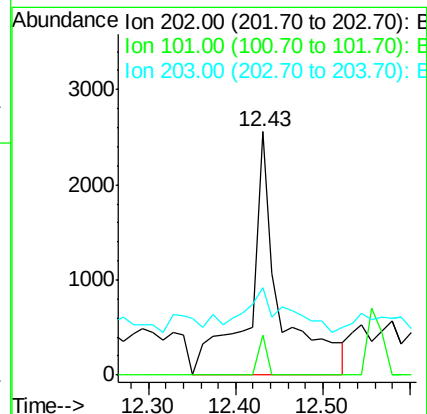
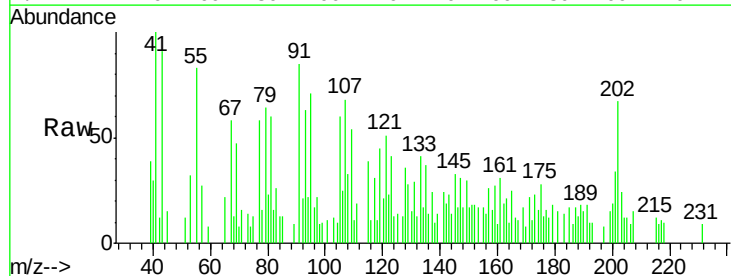
Tgt Ion:202 Resp: 6182

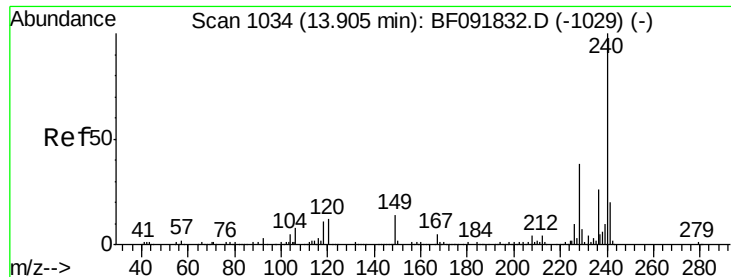
Ion Ratio Lower Upper

202 100

101 16.6 0.0 34.6

203 35.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-6

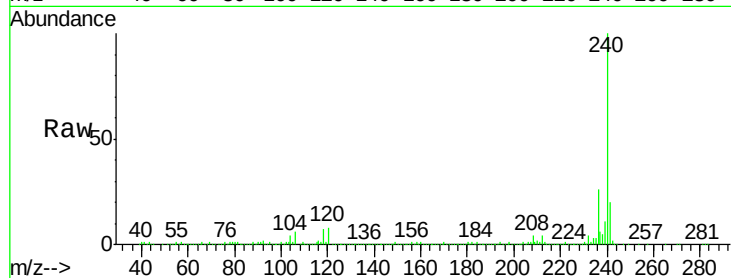
Tgt Ion:240 Resp: 455283

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

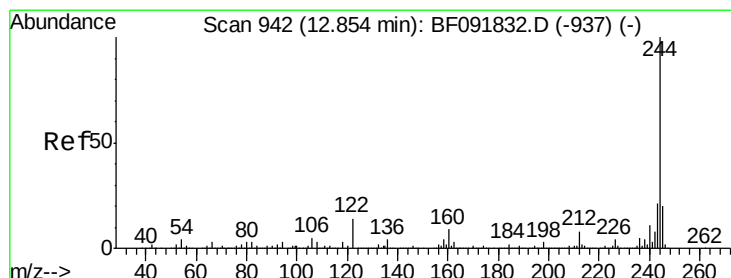
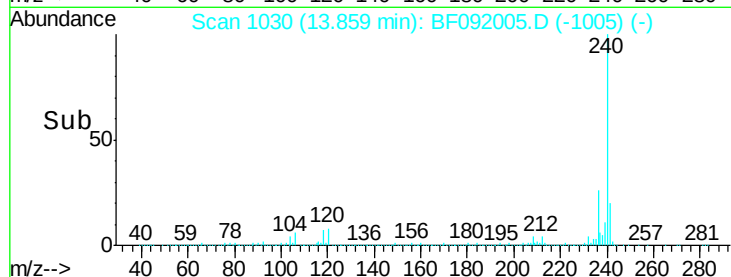
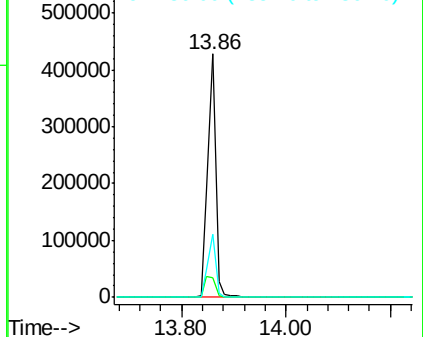
236 26.0 20.9 31.3



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: 68.70 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092005.D

Acq: 28 Dec 2016 20:15

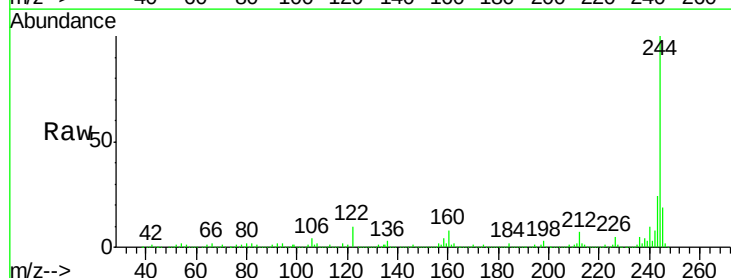
Tgt Ion:244 Resp: 1289676

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

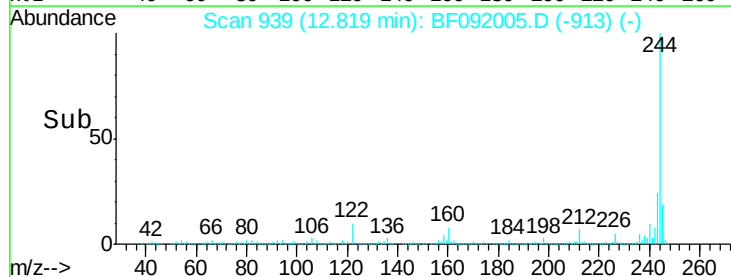
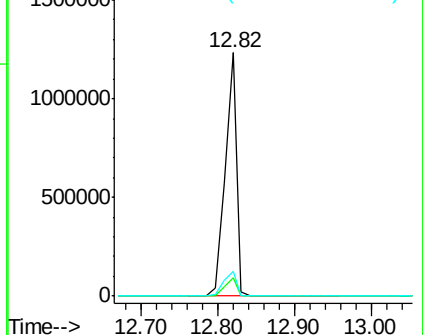
122 10.2 11.4 17.2#

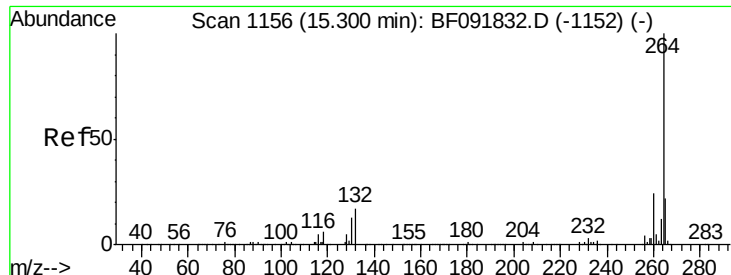


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

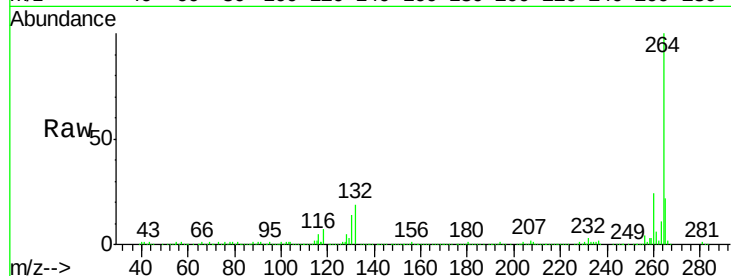




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF092005.D
Acq: 28 Dec 2016 20:15

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	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

