

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092026.D
 Acq On : 29 Dec 2016 16:13
 Operator : UM/SJ
 Sample : H6281-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7RE

Quant Time: Dec 29 17:38:53 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

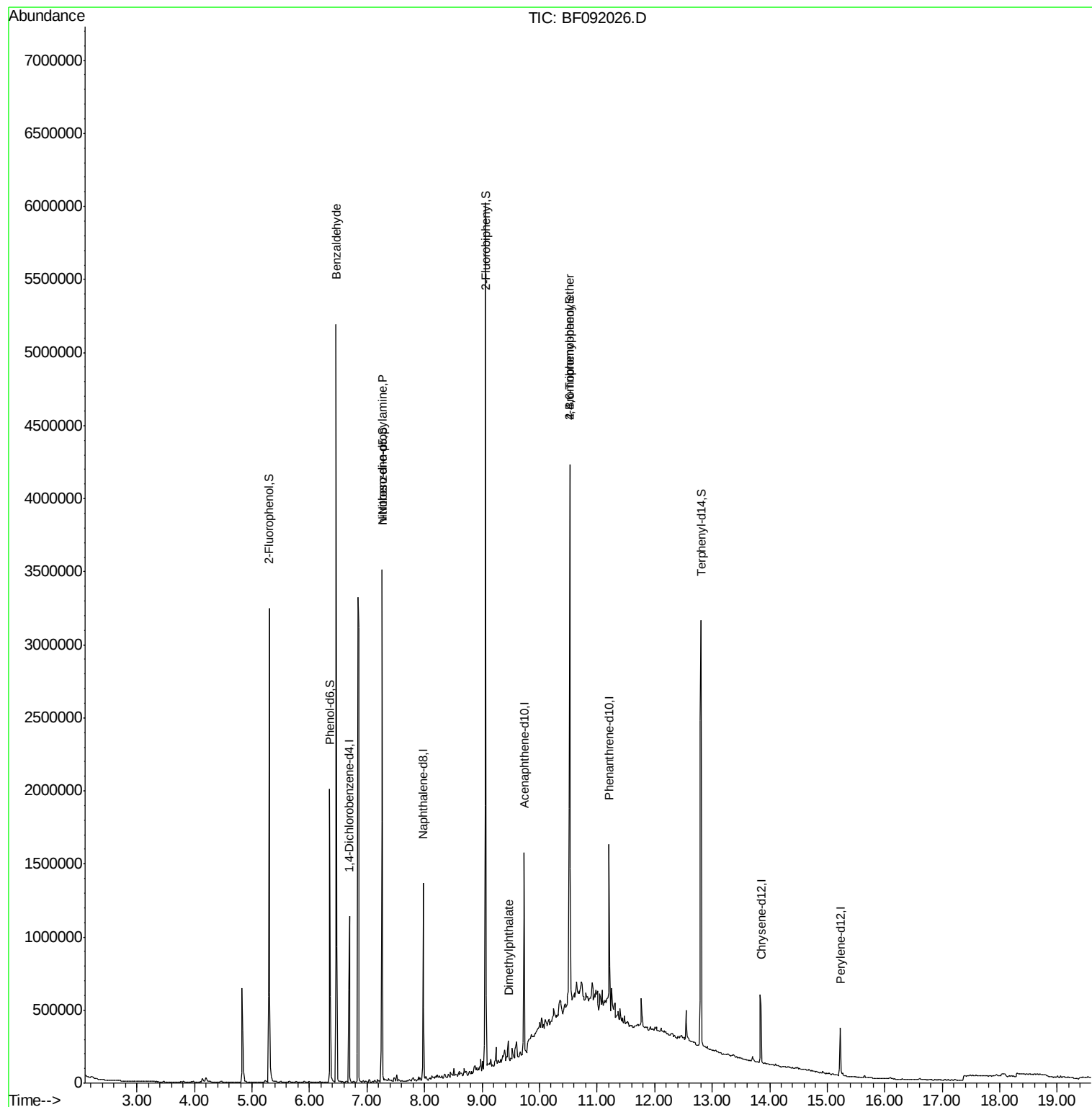
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	209047	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	657516	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	389271	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	423145	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	232696	20.00	ng	-0.02
86) Perylene-d12	15.23	264	181617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	926760	74.02	ng	-0.02
7) Phenol-d6	6.35	99	705183	46.13	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1347787	113.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	524194	162.72	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1864080	100.46	ng	-0.02
78) Terphenyl-d14	12.81	244	1275682	132.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	32744	2.64	ng	# 70
19) n-Nitroso-di-n-propylamine	7.26	70	183336	18.03	ng	# 76
49) Dimethylphthalate	9.46	163	52598	2.11	ng	# 99
66) 4-Bromophenyl-phenylether	10.52	248	31690	7.20	ng	# 1
71) Anthracene	11.25	178	2020	Below Cal	#	1
73) Di-n-butylphthalate	11.79	149	4906	Below Cal	#	57
74) Fluoranthene	12.42	202	1734	Below Cal	#	1
76) Benzydine	12.51	184	595	Below Cal	#	1

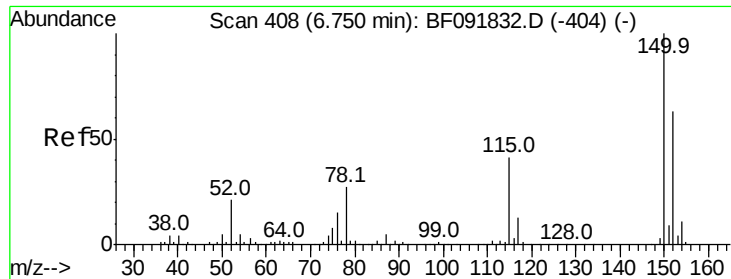
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092026.D
Acq On : 29 Dec 2016 16:13
Operator : UM/SJ
Sample : H6281-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7RE

Quant Time: Dec 29 17:38:53 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

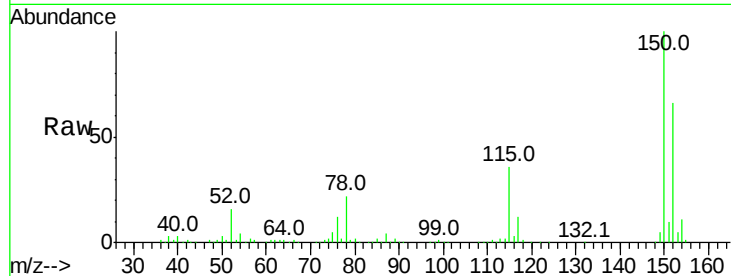
Tot Ion:152 Resp: 209047

Ion Ratio Lower Upper

152 100

150 151.5 124.9 187.3

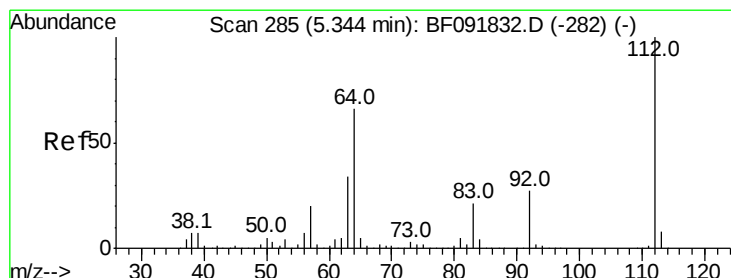
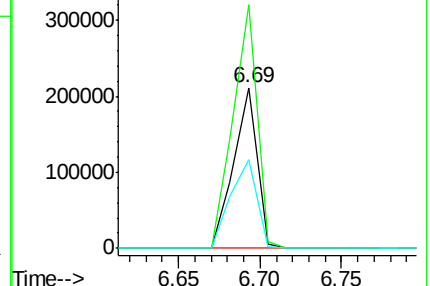
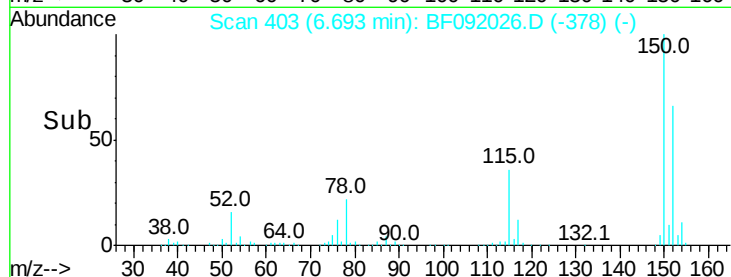
115 55.1 46.0 69.0



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: 74.02 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

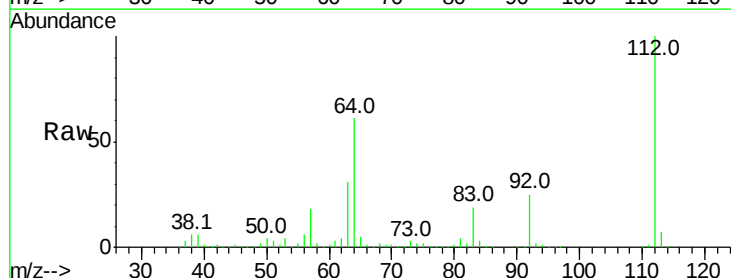
Tgt Ion:112 Resp: 926760

Ion Ratio Lower Upper

112 100

64 60.5 46.1 69.1

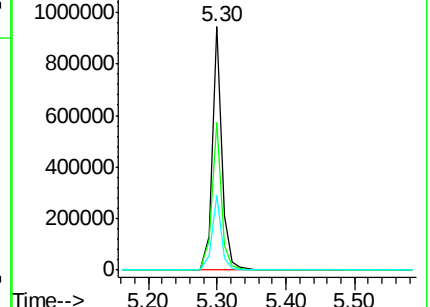
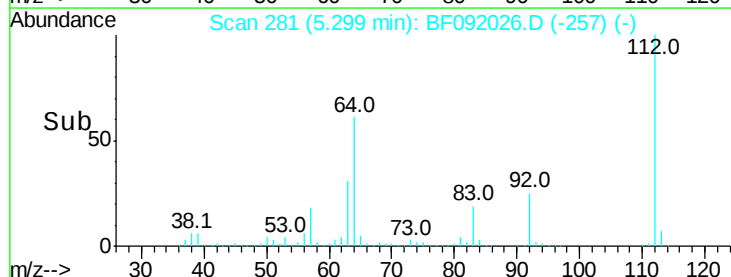
63 30.6 23.8 35.6



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: 46.13 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

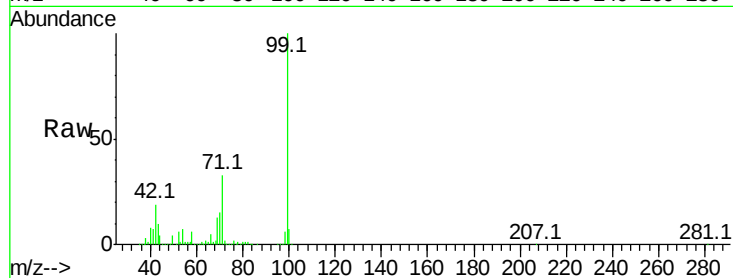
Tot Ion: 99 Resp: 705183

Ion Ratio Lower Upper

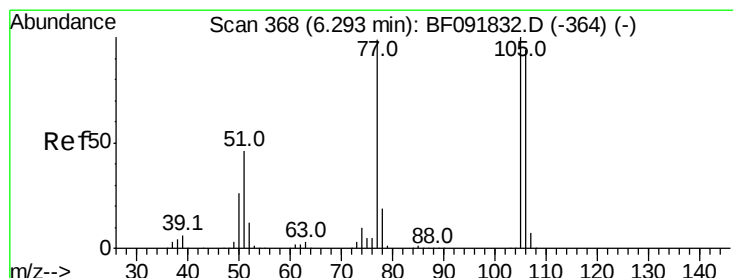
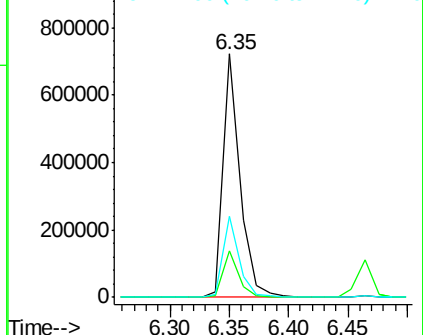
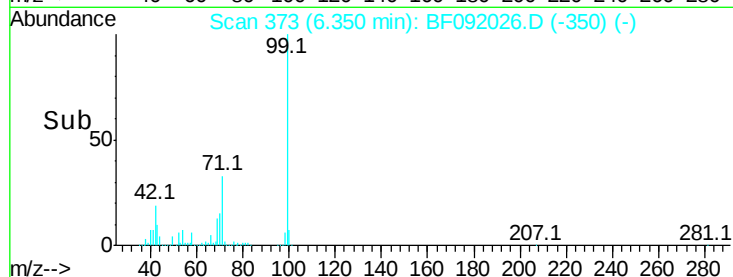
99 100

42 19.0 15.6 23.4

71 33.1 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



#9

Benzaldehyde

Concen: 2.64 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.22 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

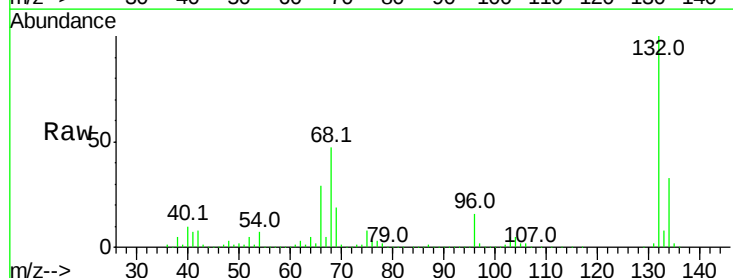
Tgt Ion: 77 Resp: 32744

Ion Ratio Lower Upper

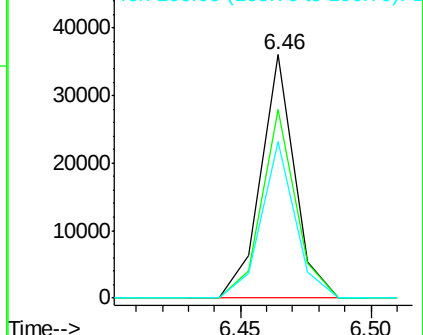
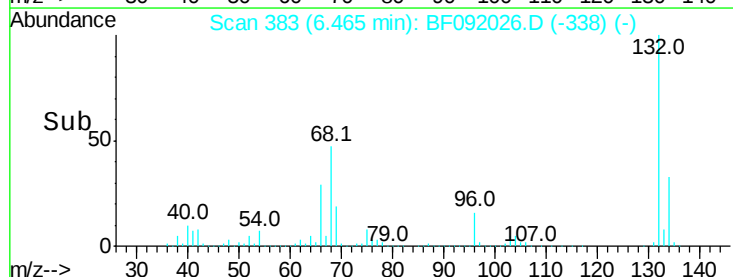
77 100

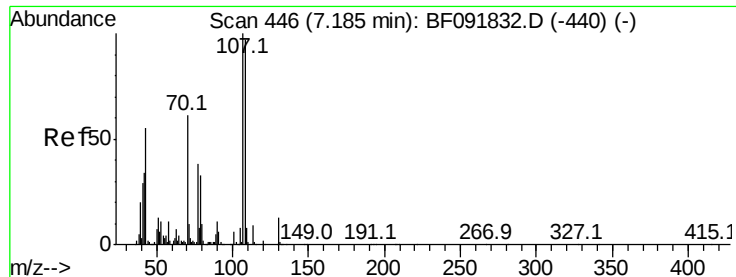
105 77.2 83.9 123.9#

106 64.5 77.6 117.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.03 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.13 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

Tot Ion: 70 Resp: 183336

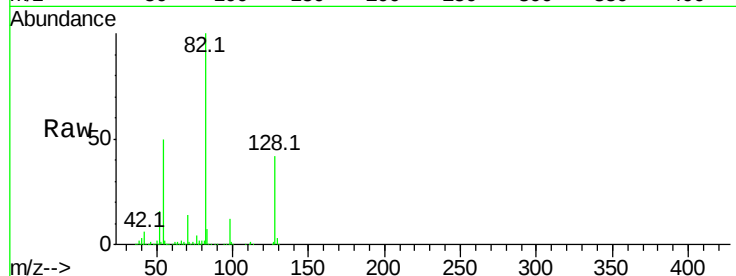
Ion Ratio Lower Upper

70 100

42 46.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

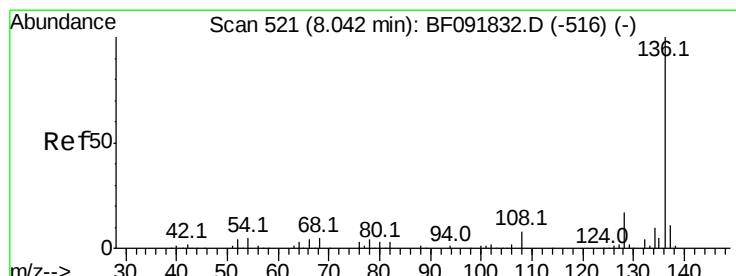
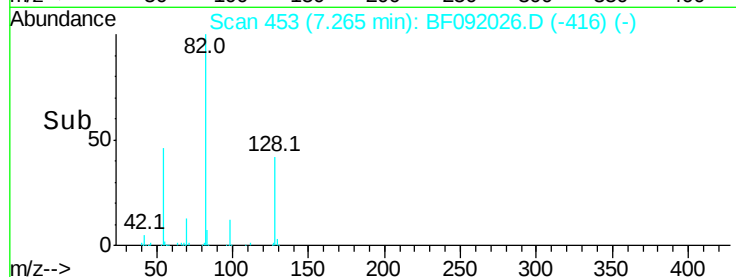
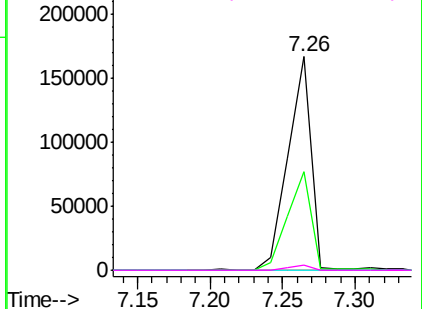


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Tgt Ion: 136 Resp: 657516

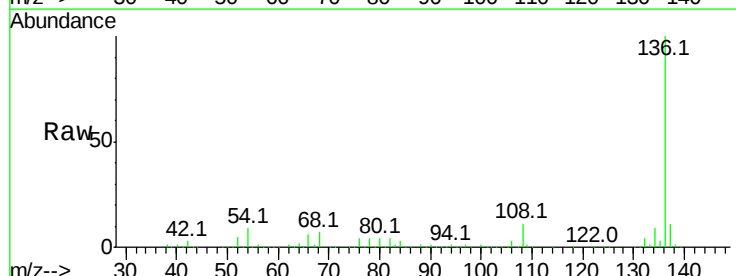
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.3 4.5 6.7#

68 6.9 3.6 5.4#

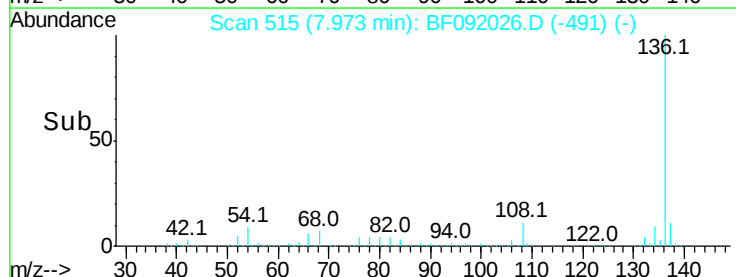
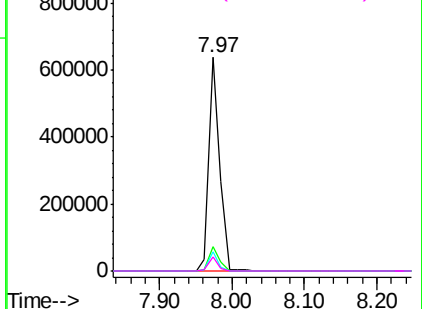


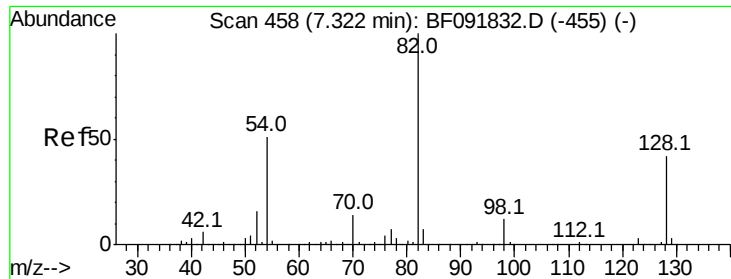
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

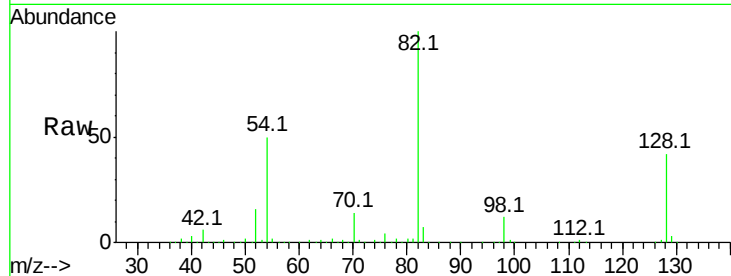




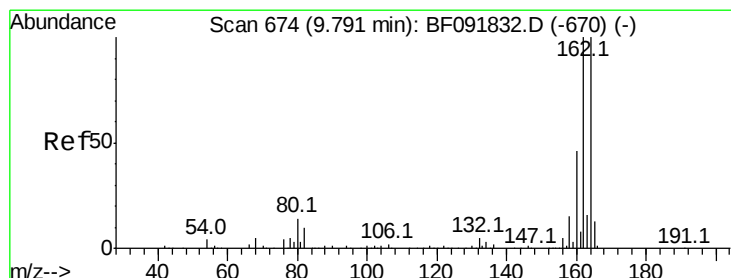
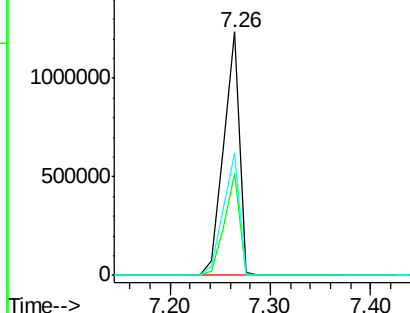
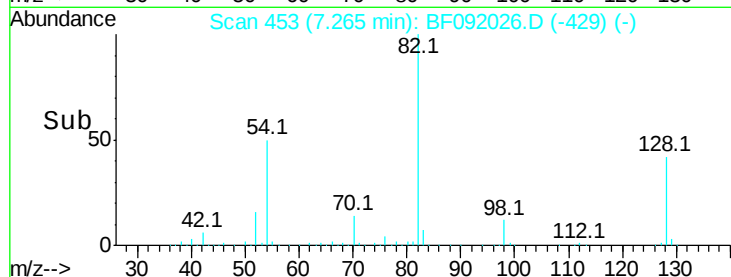
#23
Nitrobenzene-d5
Concen: 113.98 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
MW-7RE

Tot Ion: 82 Resp: 1347787
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 50.0 39.5 59.3

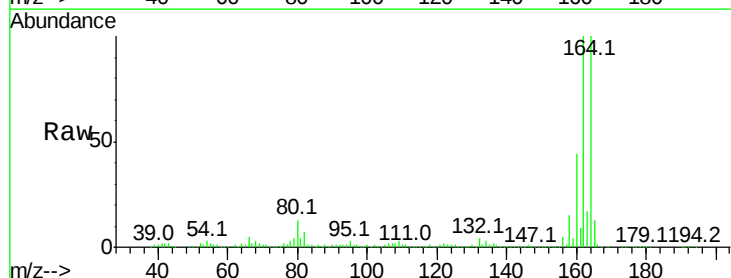


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

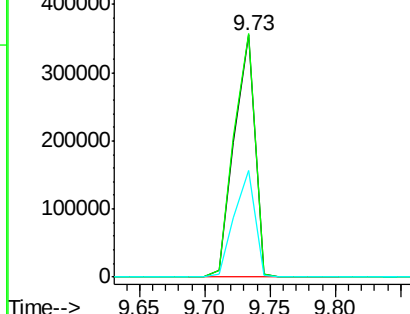
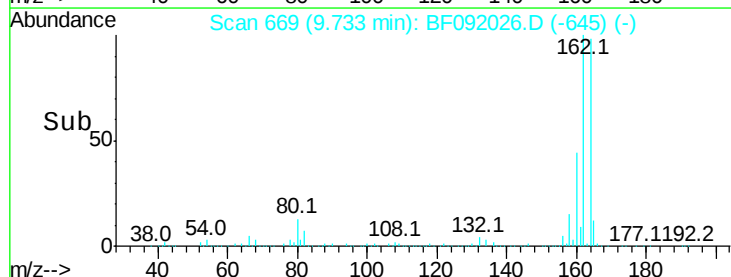


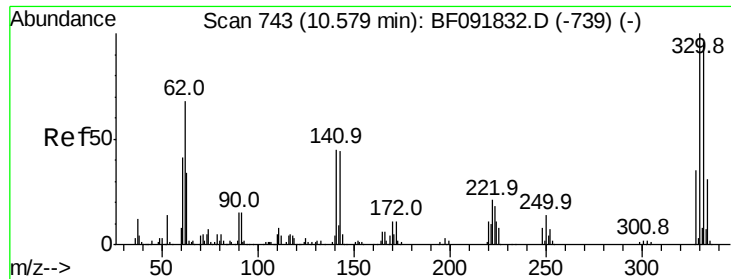
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Tgt Ion:164 Resp: 389271
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 44.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

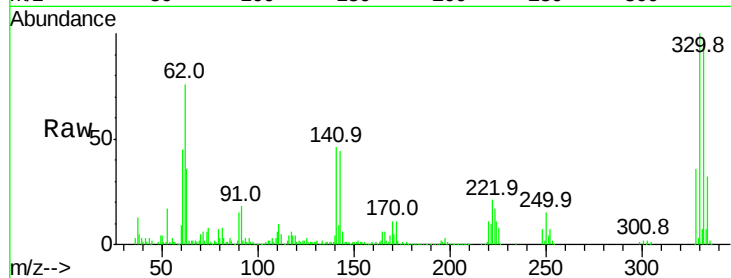




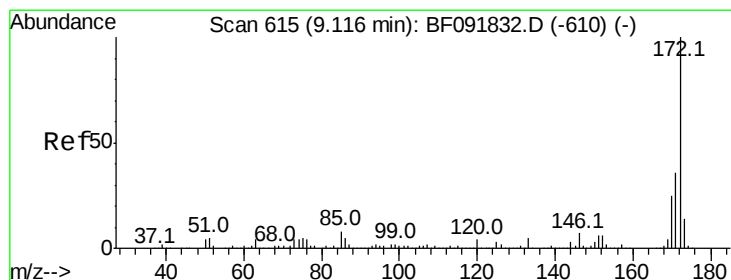
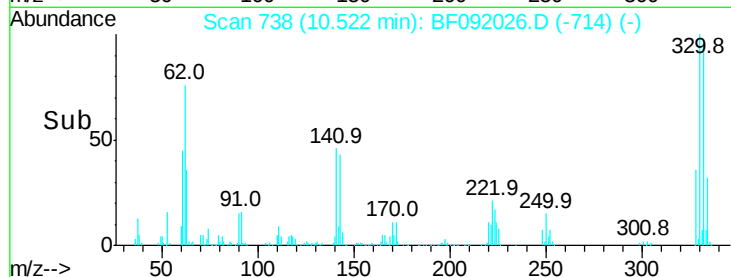
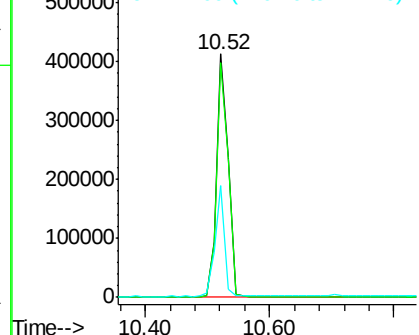
#41
 2,4,6-Tribromophenol
 Concen: 162.72 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092026.D
 Acq: 29 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampled :
 MW-7RE

Tot Ion:330 Resp: 524194
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.4 34.1 51.1

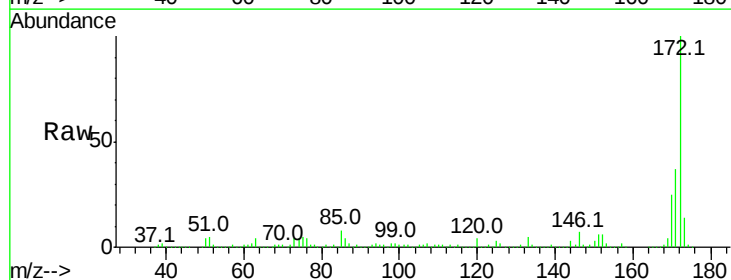


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

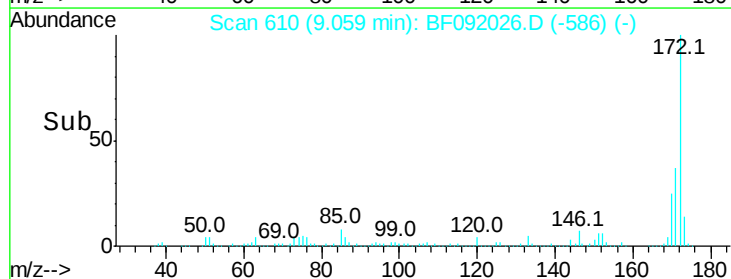
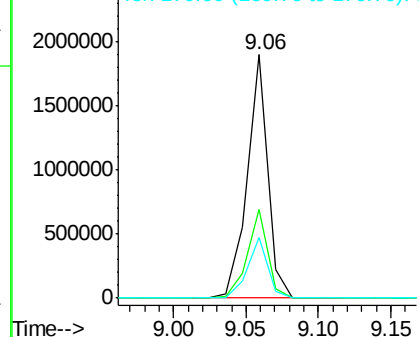


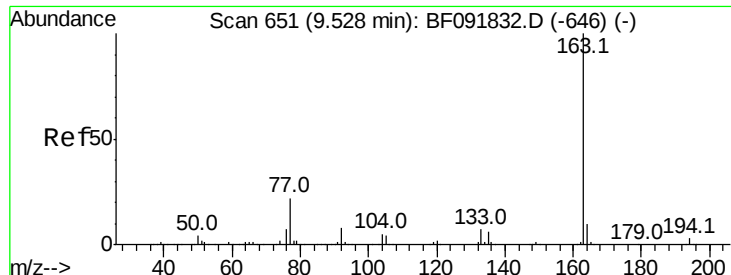
#44
 2-Fluorobiphenyl
 Concen: 100.46 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092026.D
 Acq: 29 Dec 2016 16:13

Tgt Ion:172 Resp: 1864080
 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





#49

Dimethylphthalate

Concen: 2.11 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

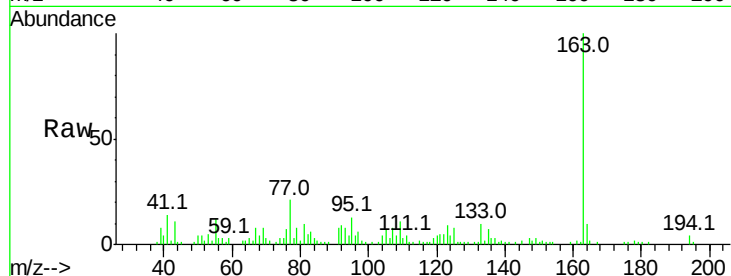
Tot Ion:163 Resp: 52598

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.4#

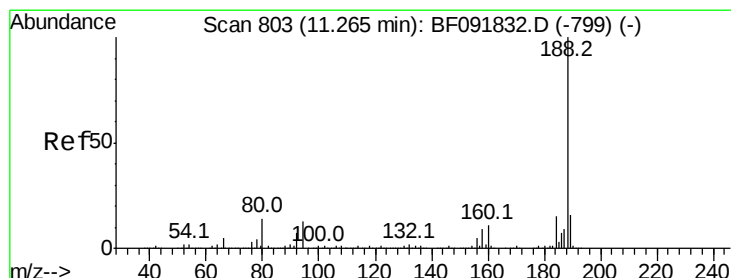
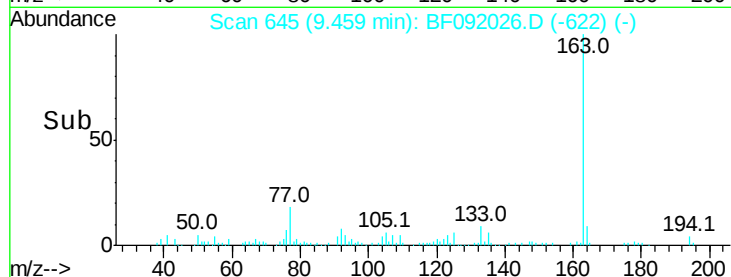
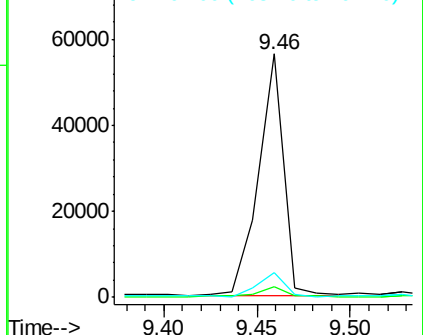
164 10.3 8.0 12.0



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: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

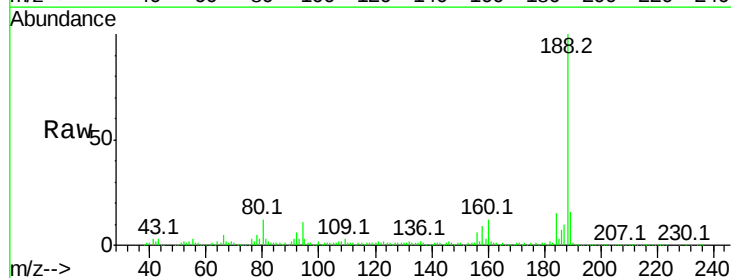
Tgt Ion:188 Resp: 423145

Ion Ratio Lower Upper

188 100

94 11.1 10.0 15.0

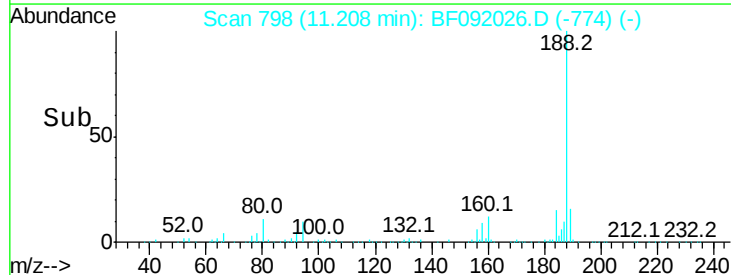
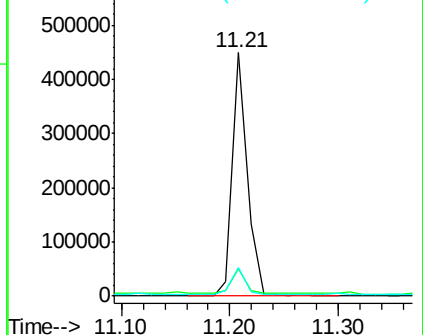
80 11.8 11.2 16.8

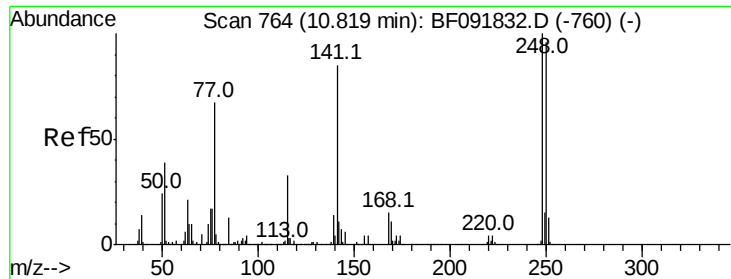


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

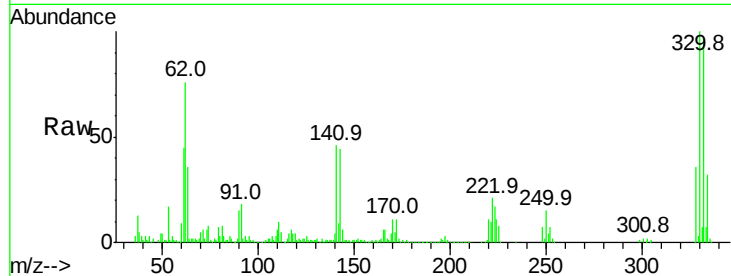




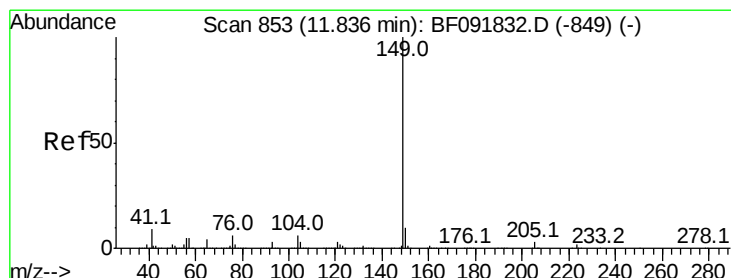
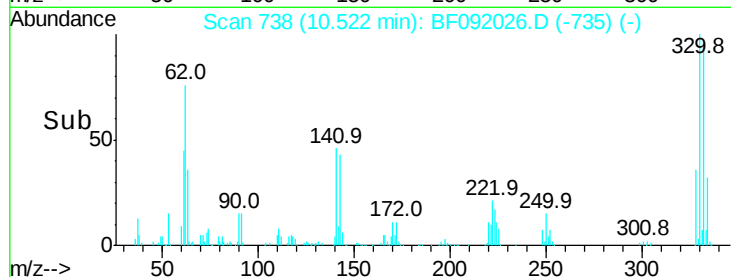
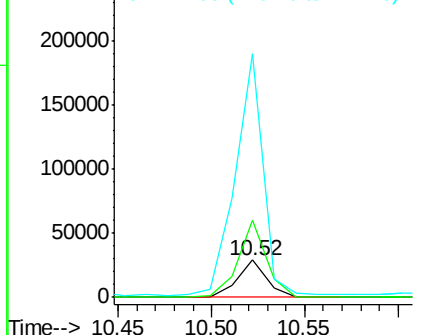
#66
4-Bromophenyl-phenylether
Concen: 7.20 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.26 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleID :
MW-7RE

Tot Ion:248 Resp: 31690
Ion Ratio Lower Upper
248 100
250 206.7 76.9 115.3#
141 652.3 68.2 102.4#

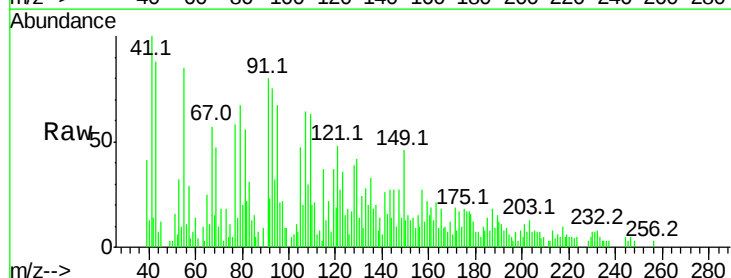


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

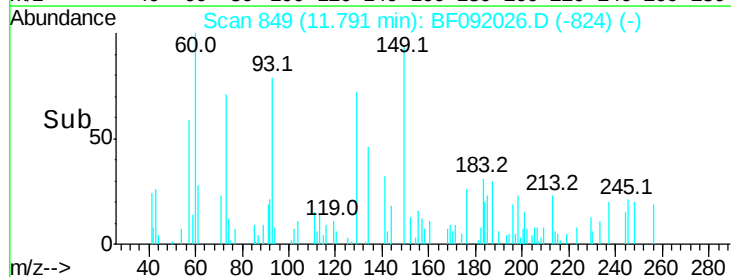
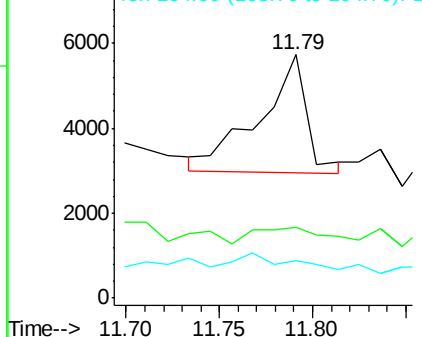


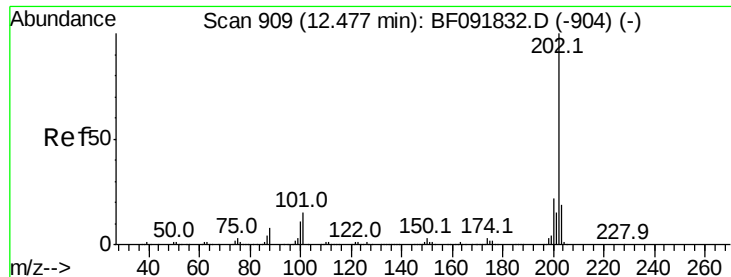
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.79 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF092026.D
Acq: 29 Dec 2016 16:13

Tgt Ion:149 Resp: 4906
Ion Ratio Lower Upper
149 100
150 28.9 8.1 12.1#
104 15.5 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: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

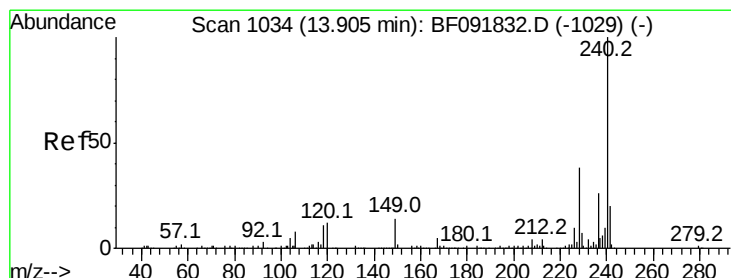
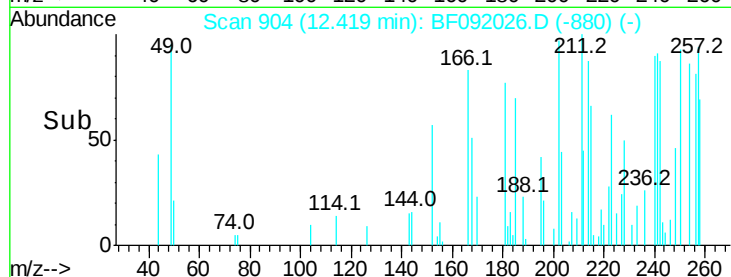
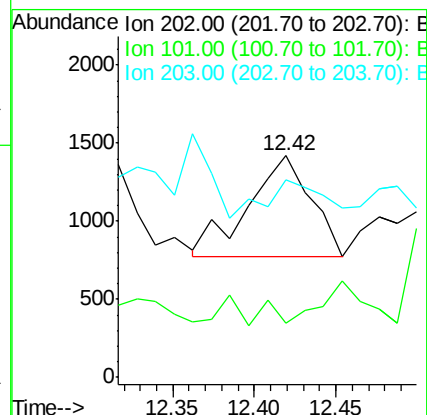
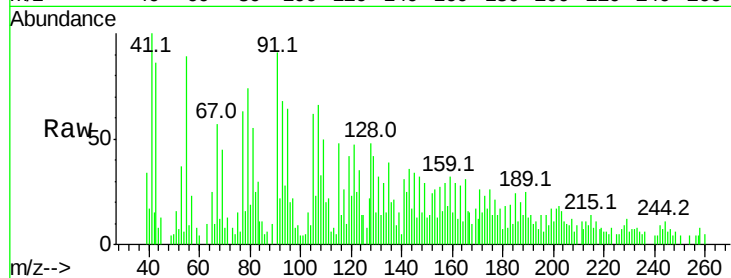
Tot Ion:202 Resp: 1734

Ion Ratio Lower Upper

202 100

101 24.6 0.0 34.6

203 89.3 0.0 38.7#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

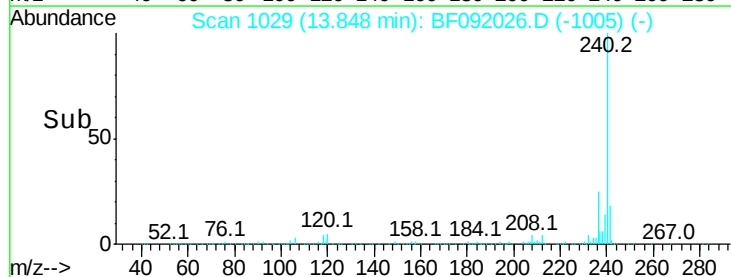
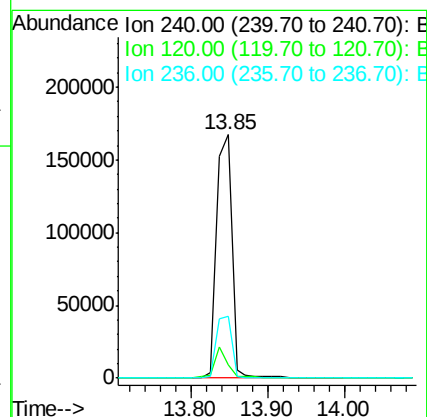
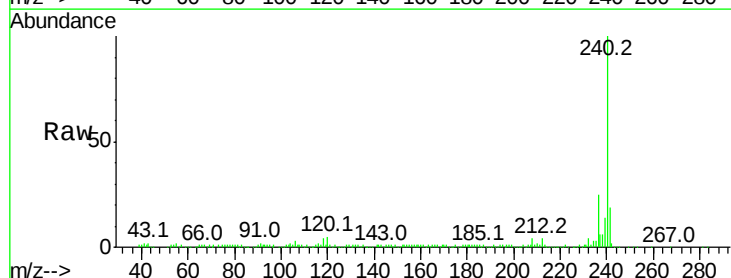
Tgt Ion:240 Resp: 232696

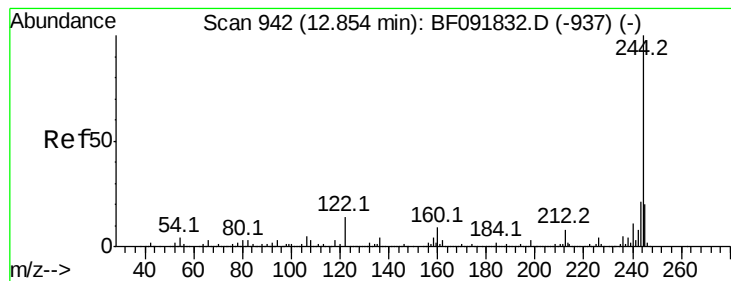
Ion Ratio Lower Upper

240 100

120 5.2 12.9 19.3#

236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 132.96 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-7RE

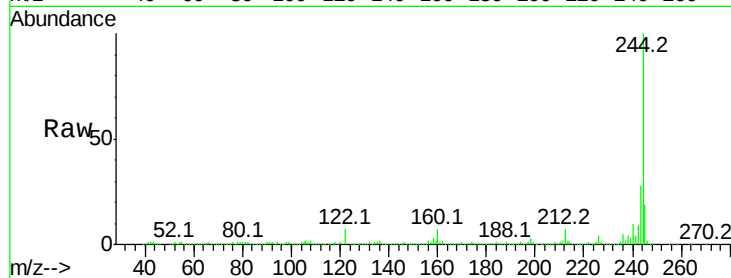
Tot Ion:244 Resp: 1275682

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

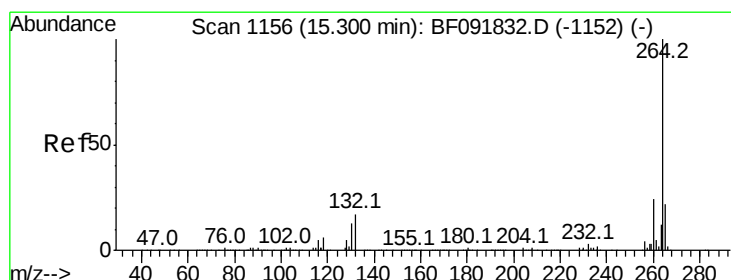
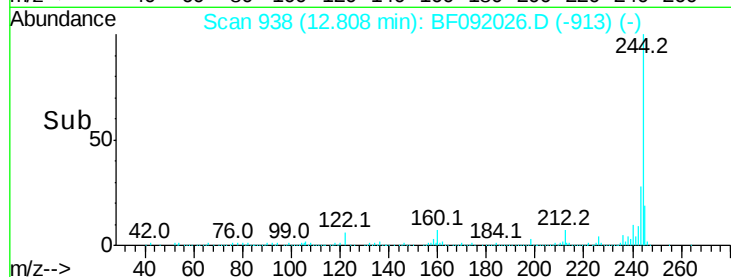
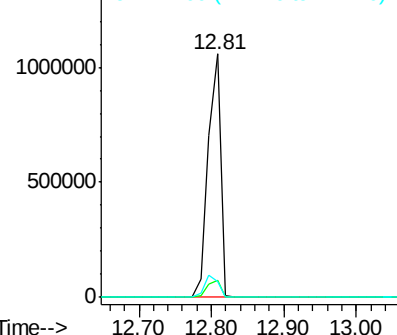
122 6.7 11.4 17.2#



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: 15.23 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF092026.D

Acq: 29 Dec 2016 16:13

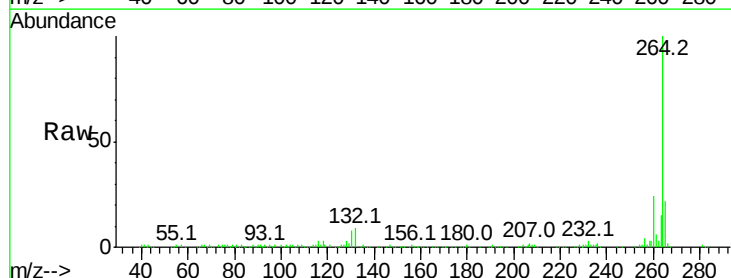
Tgt Ion:264 Resp: 181617

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.3 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

