

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
 Data File : BF092408.D
 Acq On : 21 Jan 2017 12:59
 Operator : UM/SJ
 Sample : I1267-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Jan 23 00:40:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

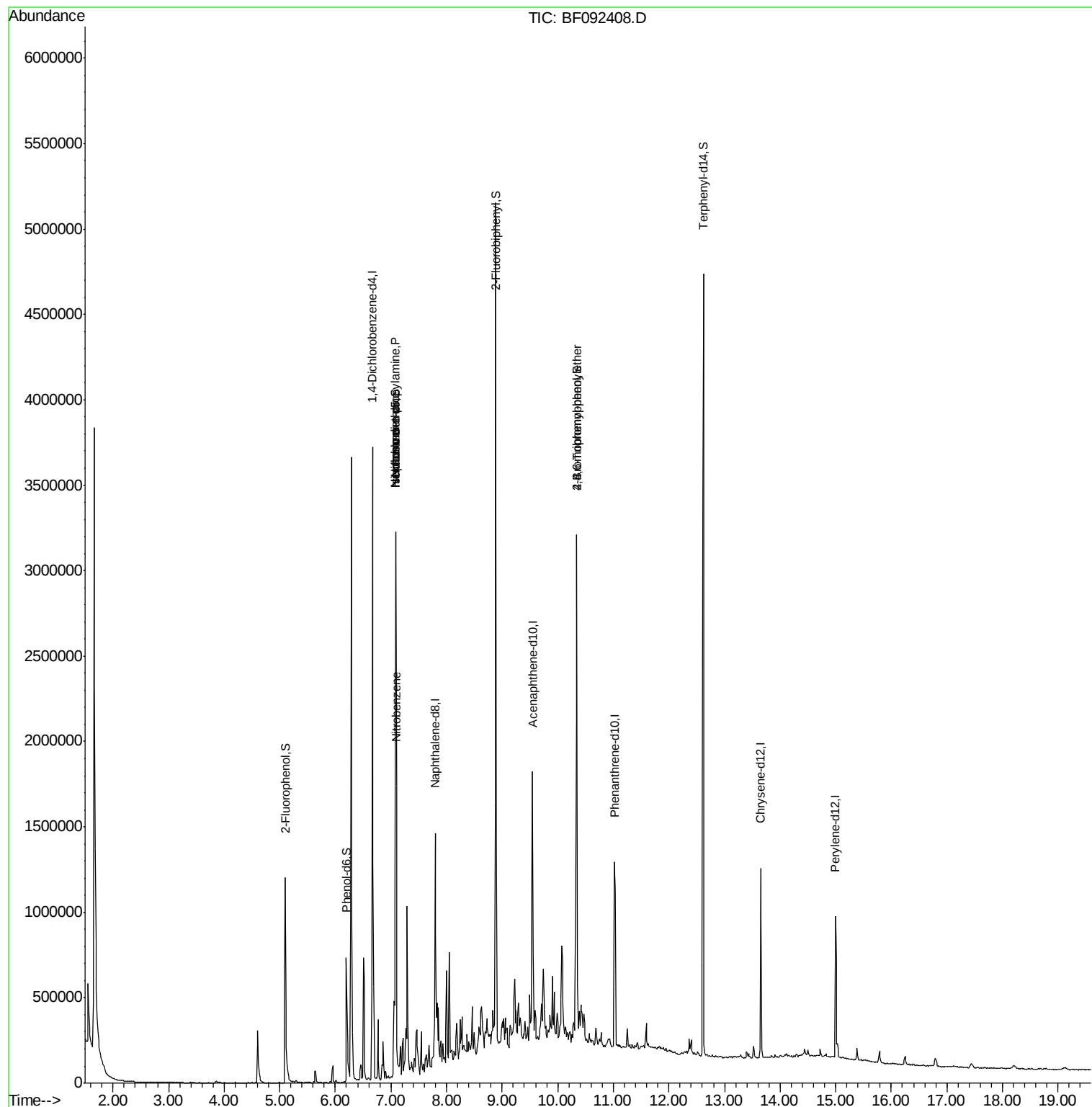
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	610000	20.00	ng	0.02
21) Naphthalene-d8	7.80	136	638305	20.00	ng	-0.14
38) Acenaphthene-d10	9.54	164	348501	20.00	ng	-0.14
63) Phenanthrene-d10	11.02	188	583127	20.00	ng	-0.14
75) Chrysene-d12	13.65	240	514926	20.00	ng	-0.14
86) Perylene-d12	15.00	264	401885	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	495105	13.55	ng	-0.14
7) Phenol-d6	6.20	99	418214	9.38	ng	-0.11
23) Nitrobenzene-d5	7.09	82	1084002	94.43	ng	-0.13
41) 2,4,6-Tribromophenol	10.34	330	413658	143.43	ng	-0.13
44) 2-Fluorobiphenyl	8.88	172	1821618	111.05	ng	-0.13
78) Terphenyl-d14	12.62	244	1933855	91.08	ng	-0.13
Target Compounds						
18) Hexachloroethane	7.09	117	349802	20.90	ng	# 3
19) n-Nitroso-di-n-propylamine	7.09	70	142502	4.80	ng	# 77
24) Nitrobenzene	7.10	77	47909	3.92	ng	# 24
25) Isophorone	7.09	82	919134	43.40	ng	# 65
37) 2-Methylnaphthalene	8.47	142	4861	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.34	248	28119	4.64	ng	# 1
71) Anthracene	11.10	178	1125	Below Cal	#	1
73) Di-n-butylphthalate	11.60	149	4676	Below Cal	#	68
74) Fluoranthene	12.23	202	3961	Below Cal	#	1
76) Benzidine	12.37	184	2862	Below Cal	#	1

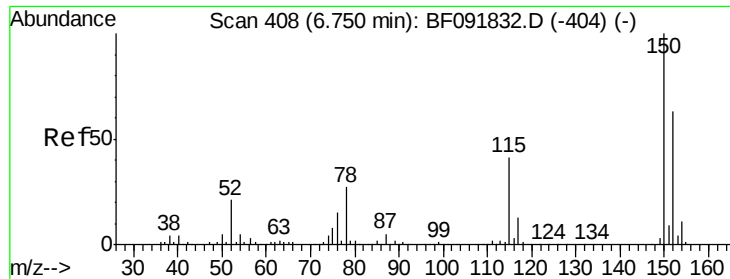
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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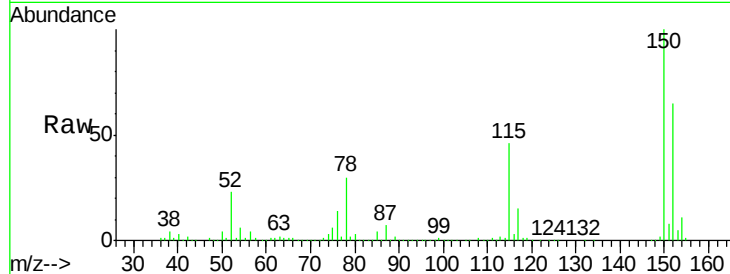


#1

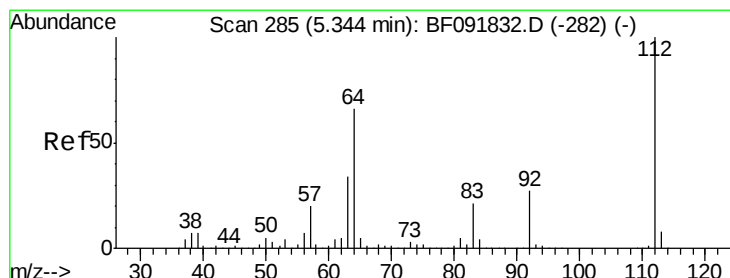
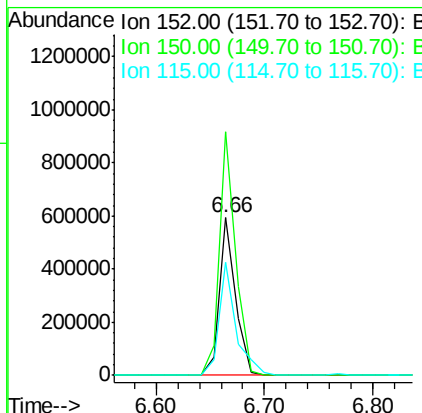
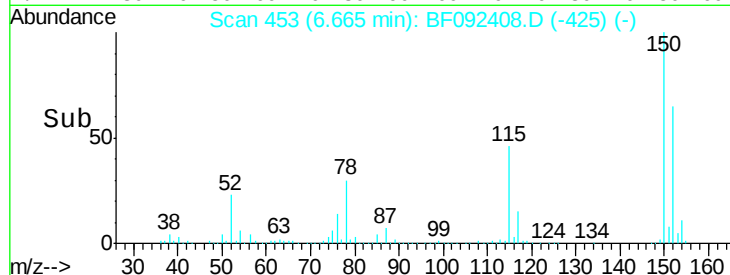
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 453
 Delta R.T. 0.02 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Instrument :
 BNA_F
 ClientSampled :
 MW-16

Tgt Ion:152 Resp: 610000
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.9 187.3
 115 71.8 46.0 69.0#



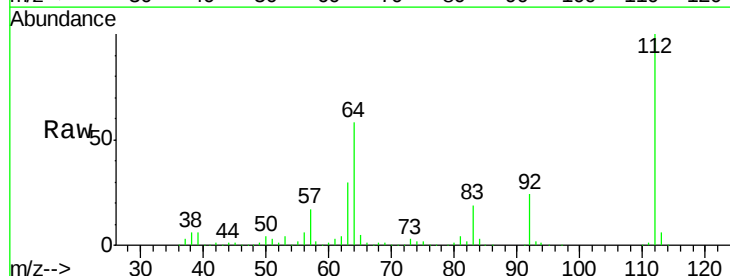
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



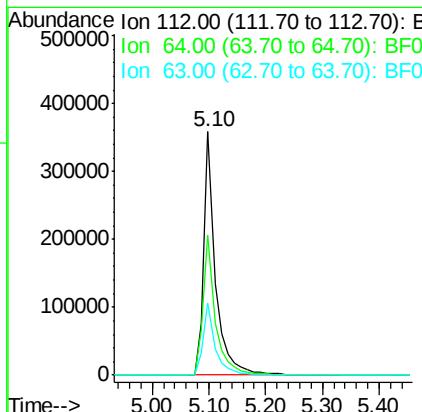
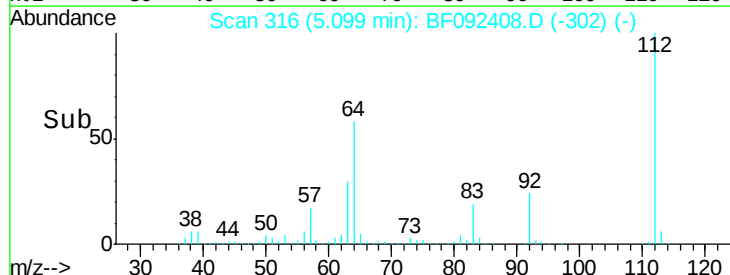
#5

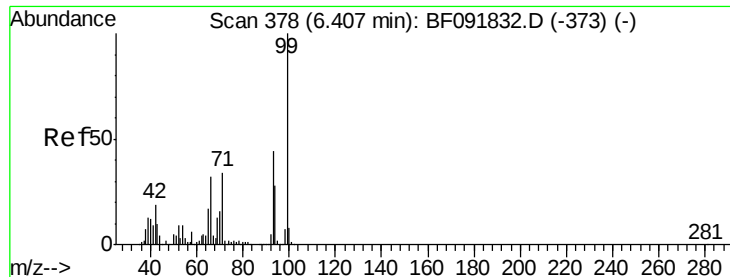
2-Fluorophenol
 Concen: 13.55 ng
 RT: 5.10 min Scan# 316
 Delta R.T. -0.14 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Tgt Ion:112 Resp: 495105
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.1 69.1
 63 29.5 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: 9.38 ng

RT: 6.20 min Scan# 412

Delta R.T. -0.11 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampleId :

MW-16

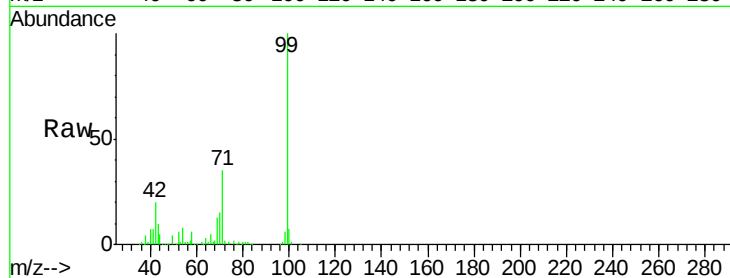
Tgt Ion: 99 Resp: 418214

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

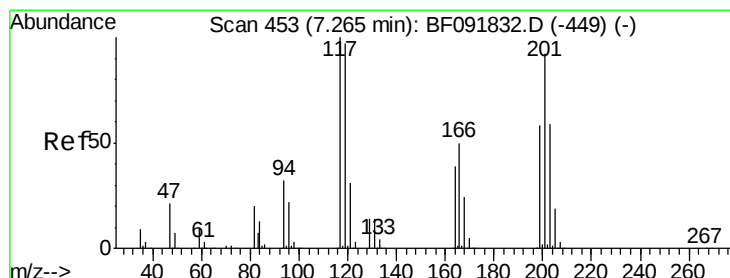
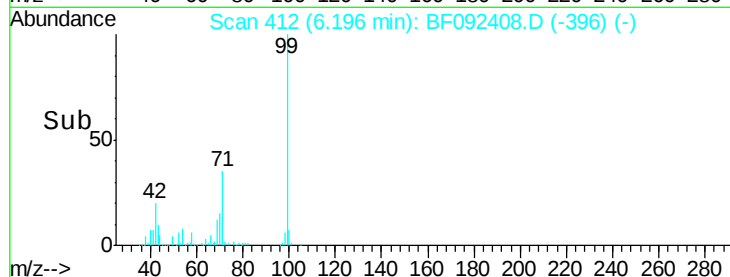
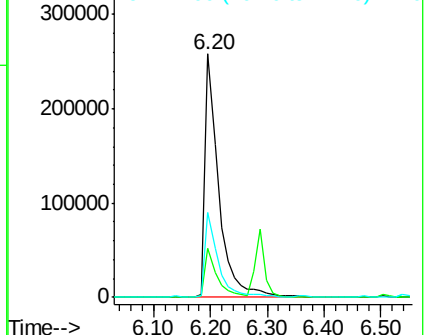
71 34.8 27.5 41.3



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



#18

Hexachloroethane

Concen: 20.90 ng

RT: 7.09 min Scan# 490

Delta R.T. -0.07 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

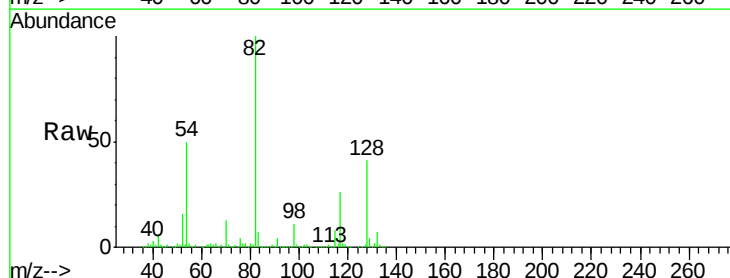
Tgt Ion: 117 Resp: 349802

Ion Ratio Lower Upper

117 100

119 4.9 78.1 117.1#

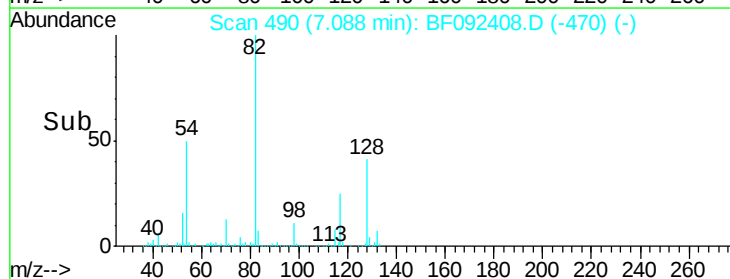
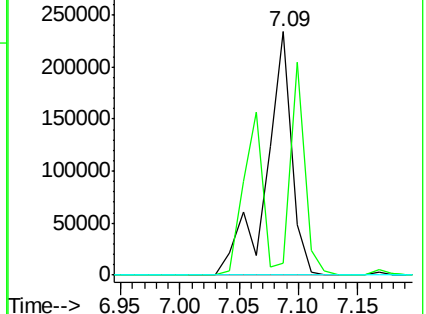
201 0.0 78.6 117.8#

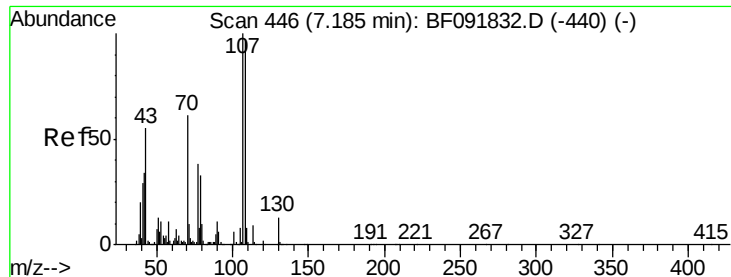


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

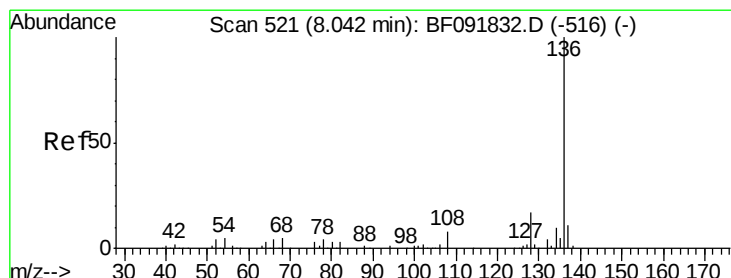
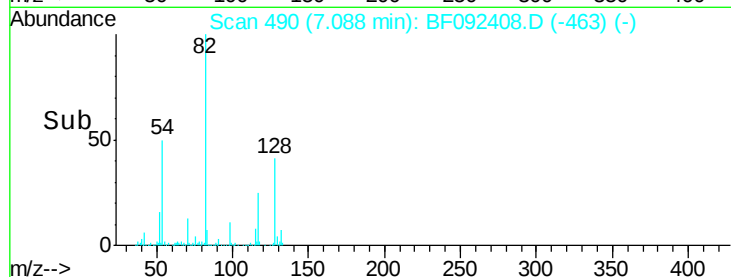
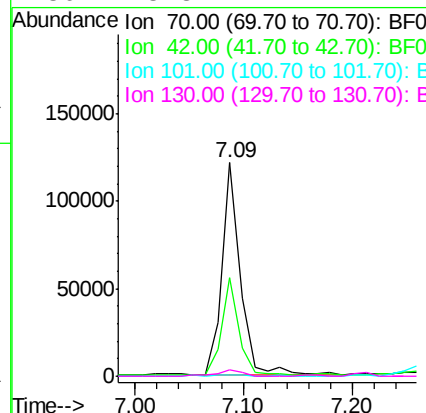
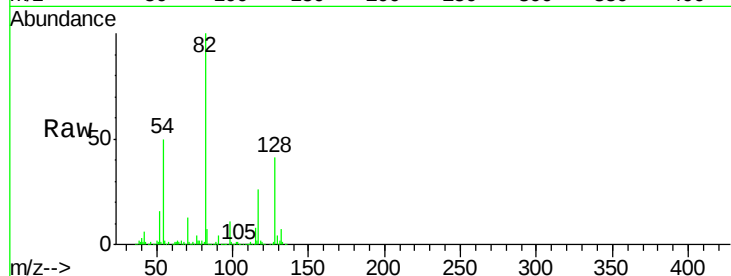




#19
n-Nitroso-di-n-propylamine
Concen: 4.80 ng
RT: 7.09 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF092408.D
Acq: 21 Jan 2017 12:59

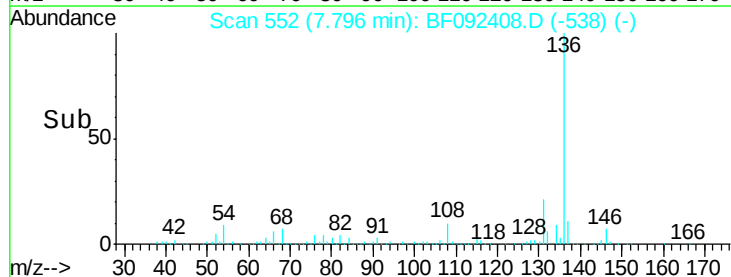
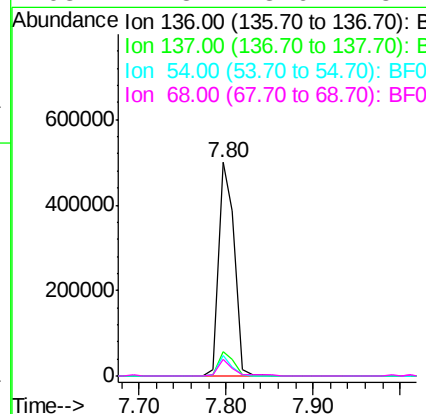
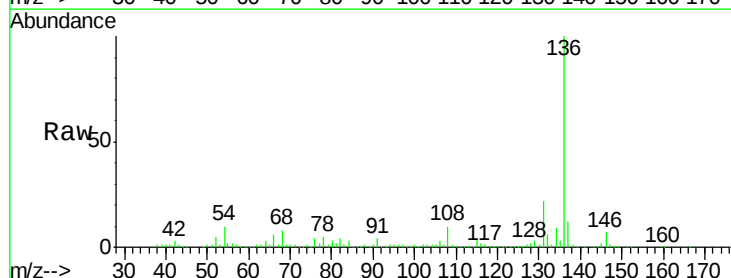
Instrument :
BNA_F
ClientSampleId :
MW-16

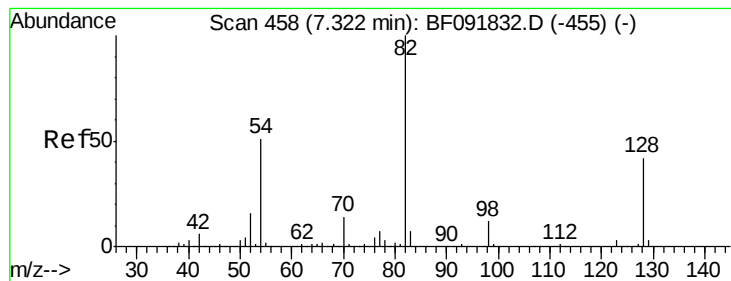
Tgt Ion: 70 Resp: 142502
Ion Ratio Lower Upper
70 100
42 46.1 49.4 74.0#
101 0.8 7.4 11.2#
130 3.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 552
Delta R.T. -0.14 min
Lab File: BF092408.D
Acq: 21 Jan 2017 12:59

Tgt Ion: 136 Resp: 638305
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.5 4.5 6.7#
68 7.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 94.43 ng

RT: 7.09 min Scan# 490

Delta R.T. -0.13 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampleId :

MW-16

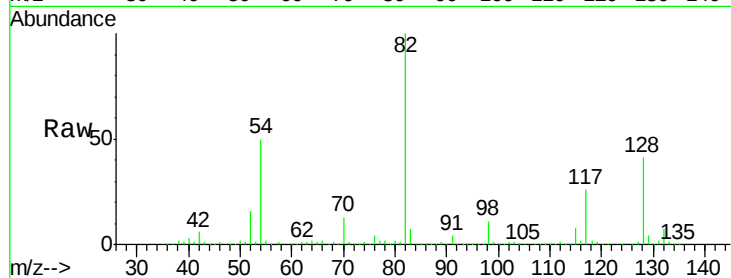
Tgt Ion: 82 Resp: 1084002

Ion Ratio Lower Upper

82 100

128 41.5 34.6 52.0

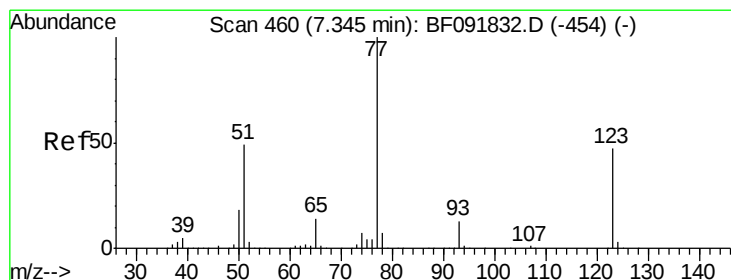
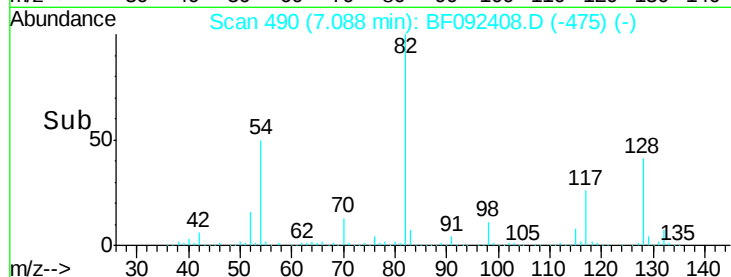
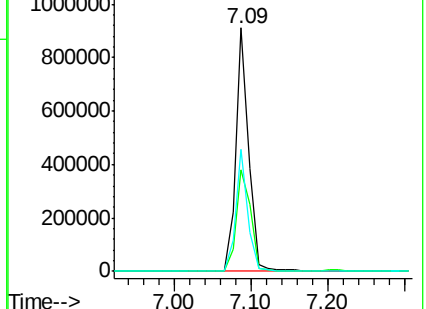
54 50.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 3.92 ng

RT: 7.10 min Scan# 491

Delta R.T. -0.14 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

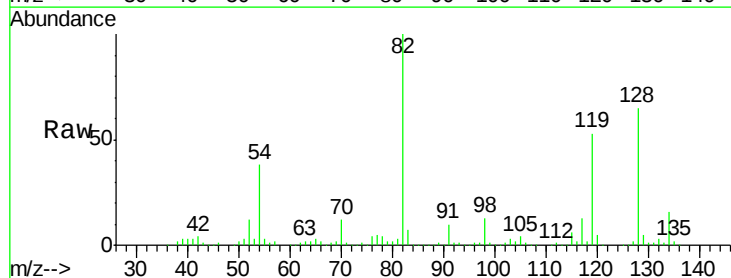
Tgt Ion: 77 Resp: 47909

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

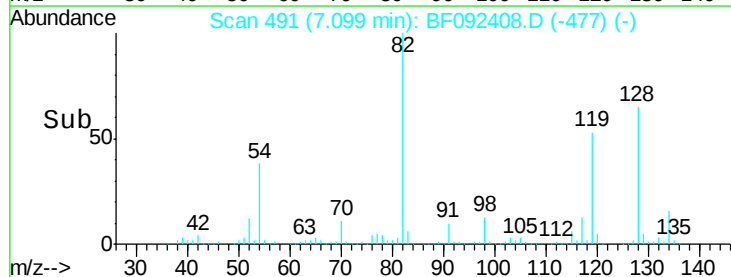
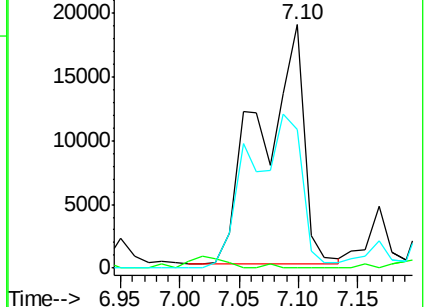
65 56.9 11.2 16.8#

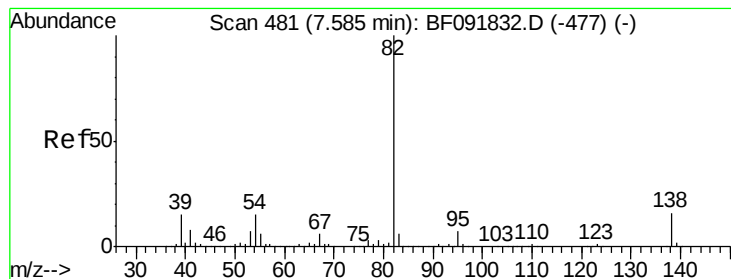


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.40 ng

RT: 7.09 min Scan# 490

Delta R.T. -0.39 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampleId :

MW-16

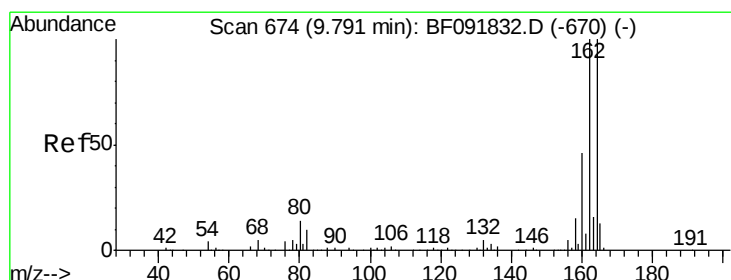
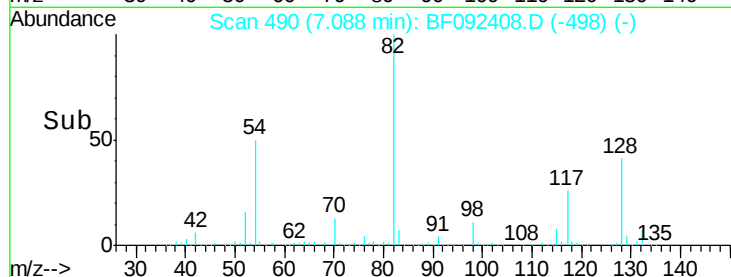
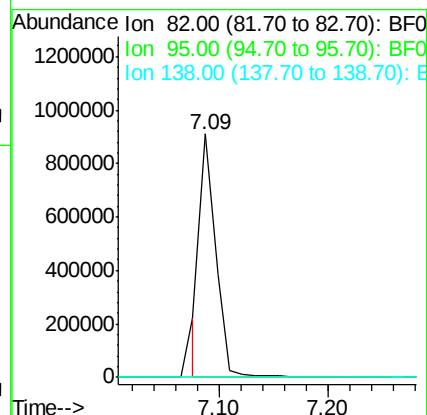
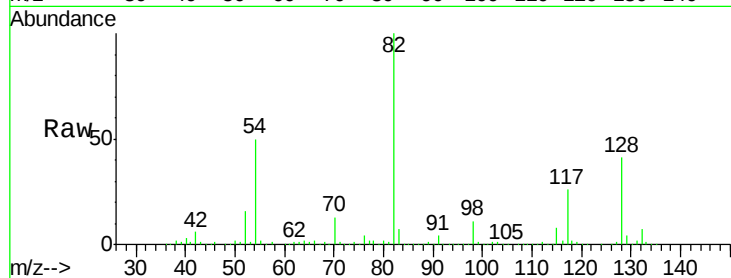
Tgt Ion: 82 Resp: 919134

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 705

Delta R.T. -0.14 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

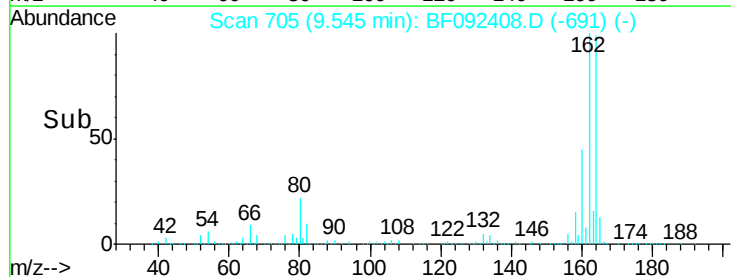
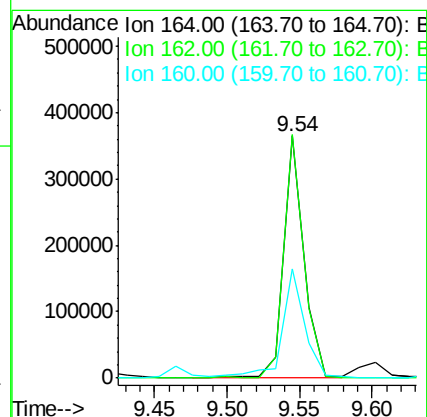
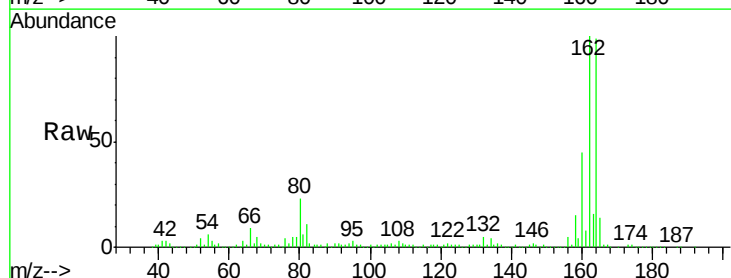
Tgt Ion: 164 Resp: 348501

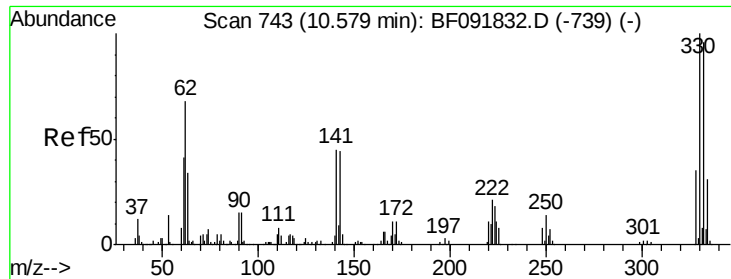
Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

160 45.1 36.9 55.3

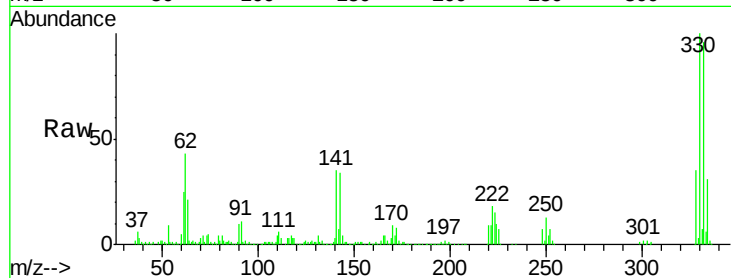




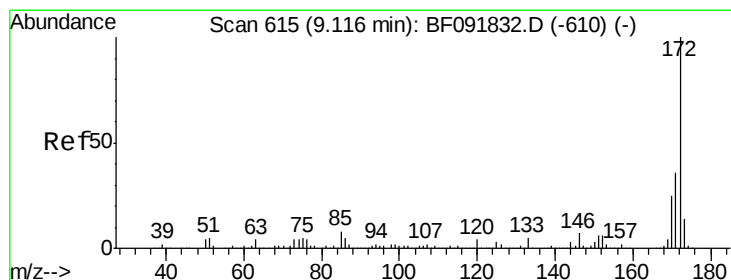
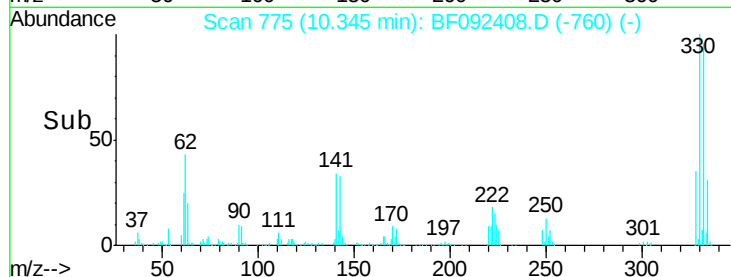
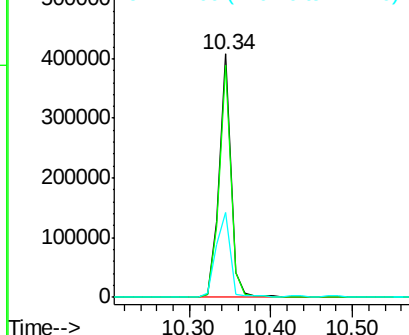
#41
 2,4,6-Tribromophenol
 Concen: 143.43 ng
 RT: 10.34 min Scan# 775
 Delta R.T. -0.13 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:330 Resp: 413658
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 41.0 34.1 51.1

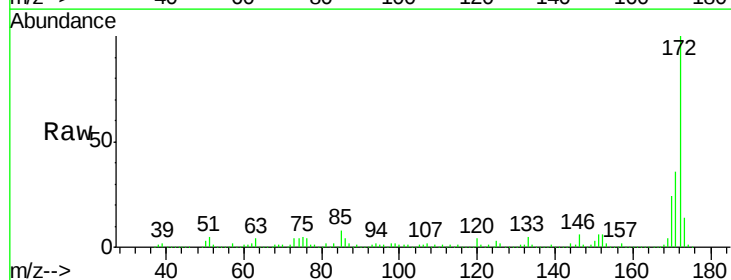


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

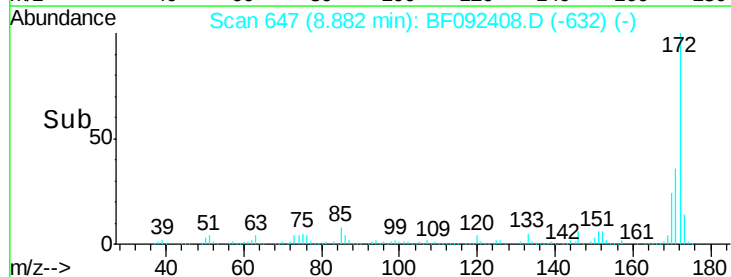
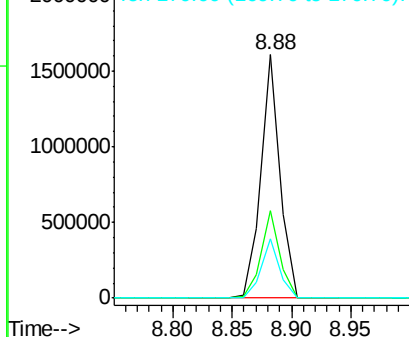


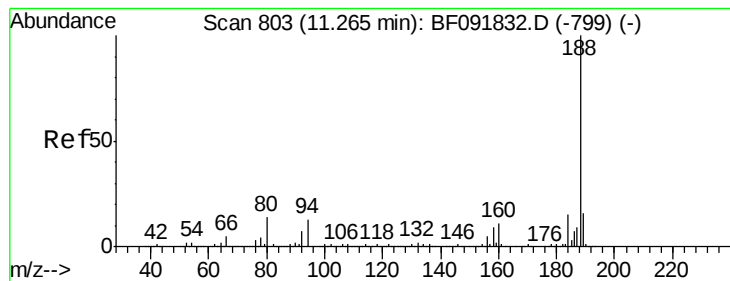
#44
 2-Fluorobiphenyl
 Concen: 111.05 ng
 RT: 8.88 min Scan# 647
 Delta R.T. -0.13 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Tgt Ion:172 Resp: 1821618
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.2 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: 11.02 min Scan# 834

Delta R.T. -0.14 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampled :

MW-16

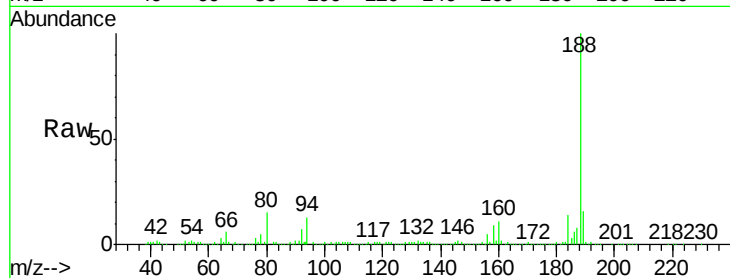
Tgt Ion:188 Resp: 583127

Ion Ratio Lower Upper

188 100

94 13.2 10.0 15.0

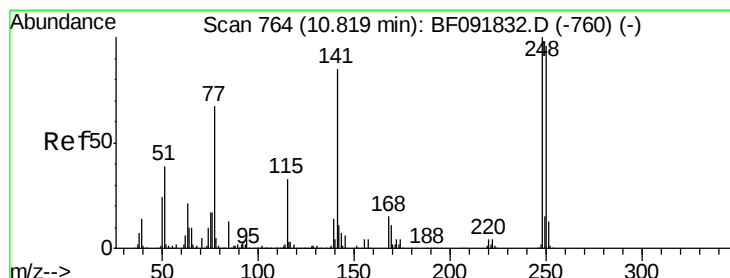
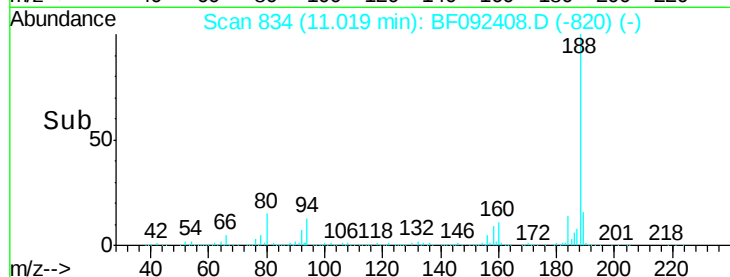
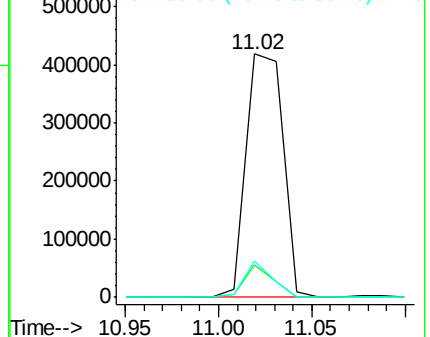
80 15.1 11.2 16.8



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: 4.64 ng

RT: 10.34 min Scan# 775

Delta R.T. -0.37 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

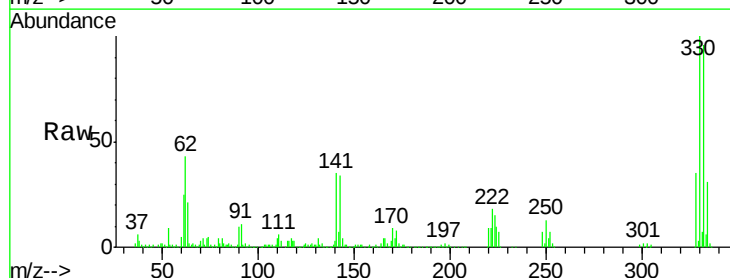
Tgt Ion:248 Resp: 28119

Ion Ratio Lower Upper

248 100

250 198.3 76.9 115.3#

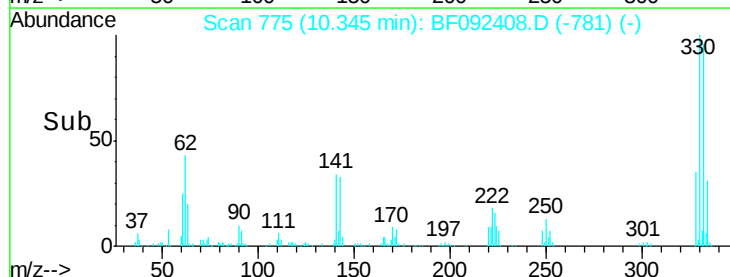
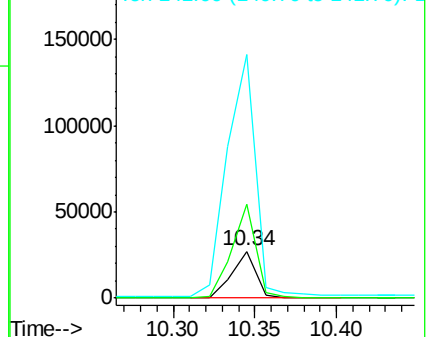
141 517.3 68.2 102.4#

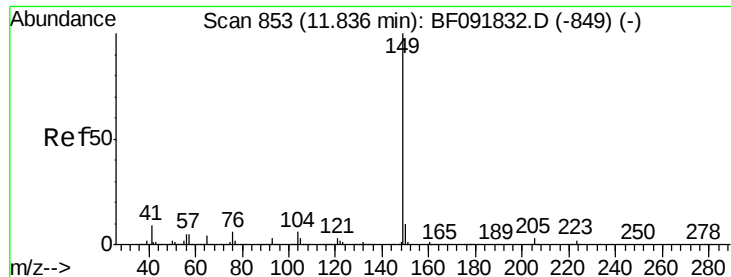


Abundance Ion 248.00 (247.70 to 248.70): E

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: 11.60 min Scan# 885

Delta R.T. -0.13 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampleId :

MW-16

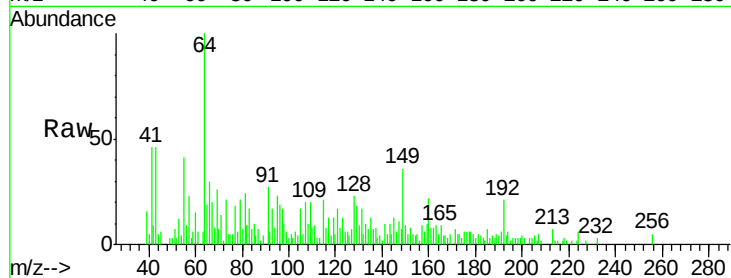
Tgt Ion:149 Resp: 4676

Ion Ratio Lower Upper

149 100

150 24.9 8.1 12.1#

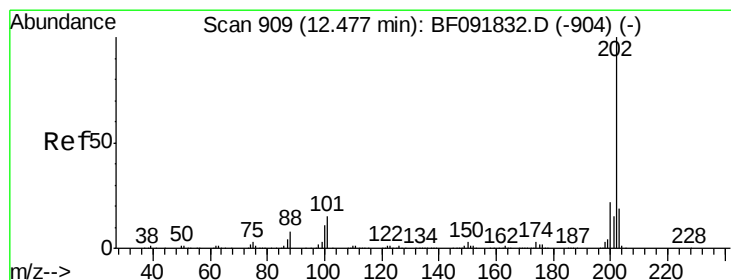
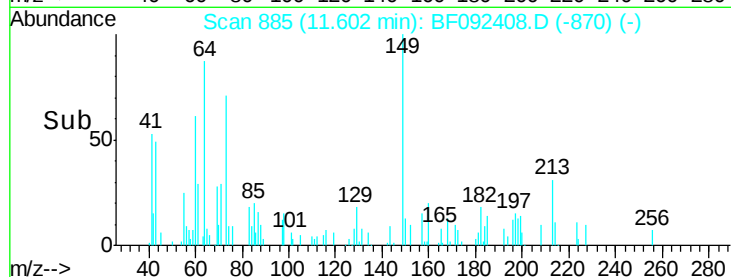
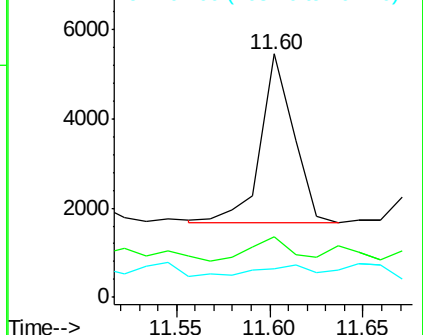
104 11.6 4.6 7.0#



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: 12.23 min Scan# 940

Delta R.T. -0.14 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

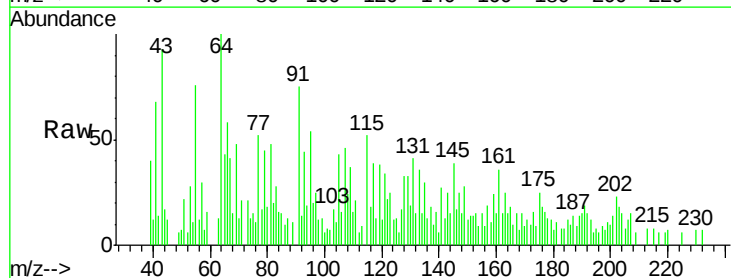
Tgt Ion:202 Resp: 3961

Ion Ratio Lower Upper

202 100

101 37.7 0.0 34.6#

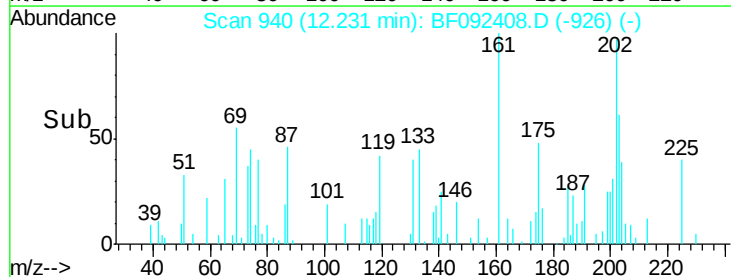
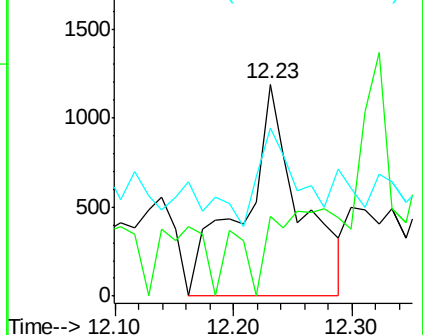
203 79.4 0.0 38.7#

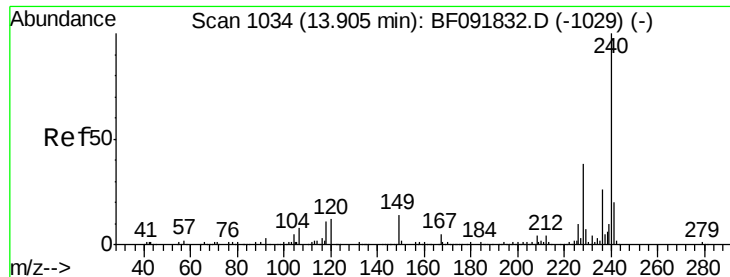


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.65 min Scan# 1064

Delta R.T. -0.14 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampleId :

MW-16

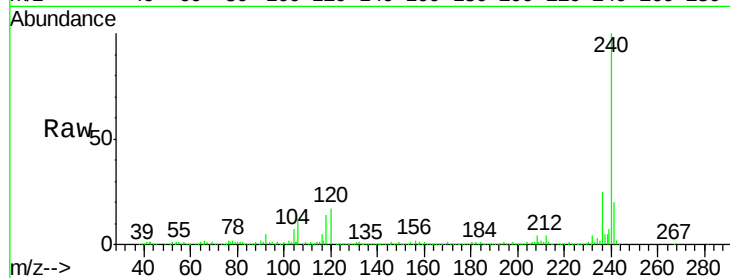
Tgt Ion:240 Resp: 514926

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

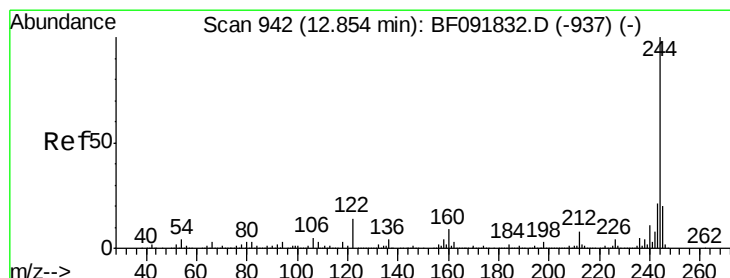
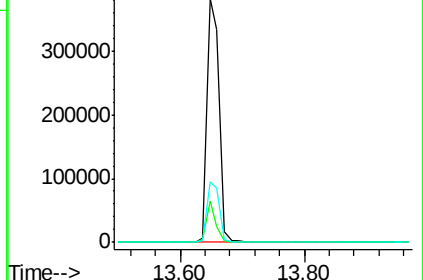
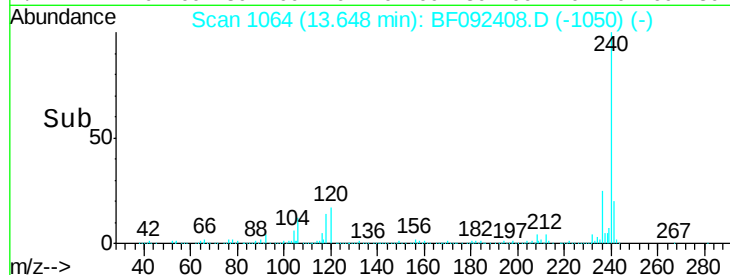
236 25.0 20.9 31.3



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: 91.08 ng

RT: 12.62 min Scan# 974

Delta R.T. -0.13 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

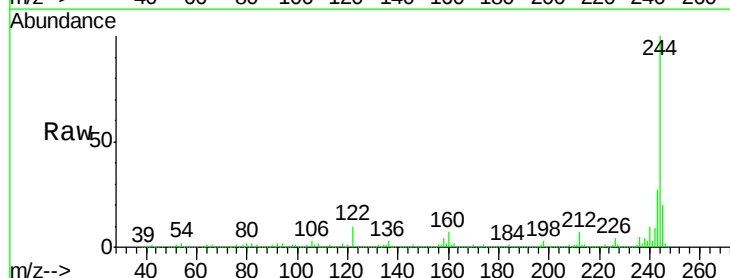
Tgt Ion:244 Resp: 1933855

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

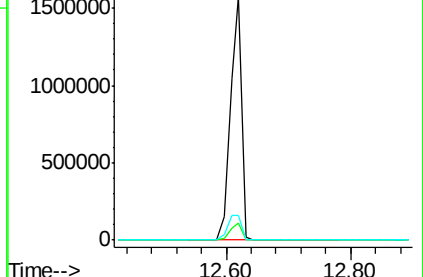
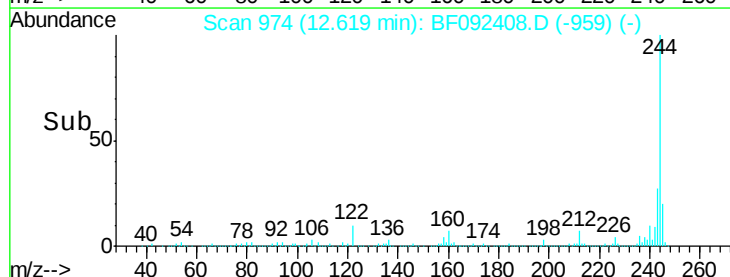
122 10.1 11.4 17.2#

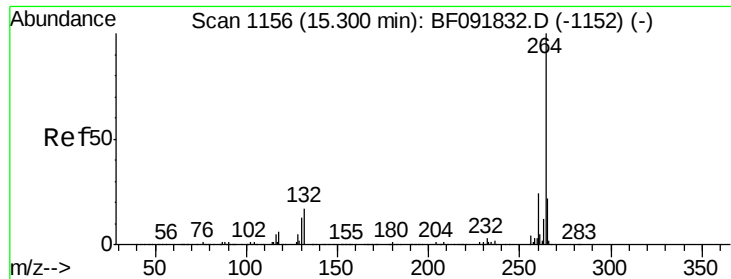


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

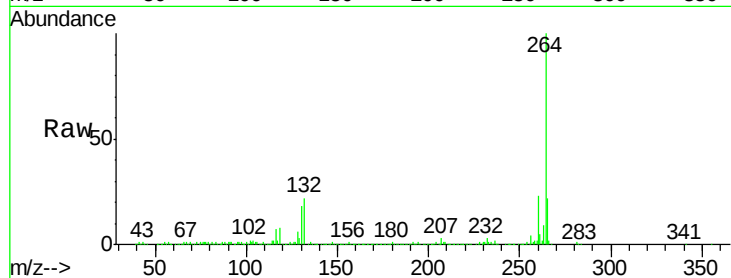




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1182
Delta R.T. -0.15 min
Lab File: BF092408.D
Acq: 21 Jan 2017 12:59

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 401885
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 22.2 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

