

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
 Data File : BF092410.D
 Acq On : 21 Jan 2017 13:57
 Operator : UM/SJ
 Sample : I1267-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Jan 23 00:41:06 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

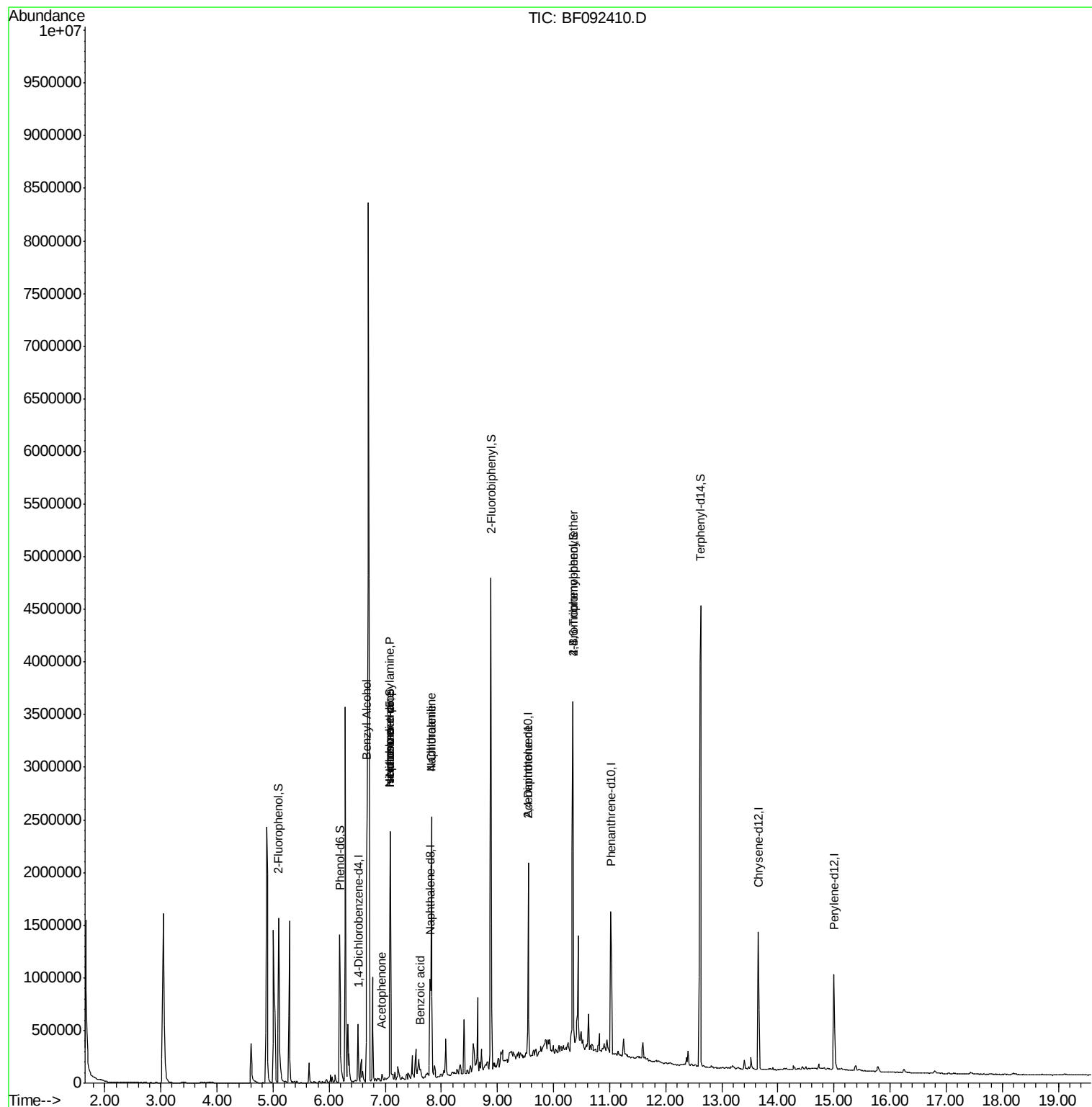
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	124657	20.00	ng	-0.12
21) Naphthalene-d8	7.80	136	506034	20.00	ng	-0.14
38) Acenaphthene-d10	9.55	164	398592	20.00	ng	-0.14
63) Phenanthrene-d10	11.02	188	647542	20.00	ng	-0.14
75) Chrysene-d12	13.65	240	510723	20.00	ng	-0.14
86) Perylene-d12	15.00	264	399485	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	634147	84.94	ng	-0.14
7) Phenol-d6	6.19	99	538977	59.13	ng	-0.12
23) Nitrobenzene-d5	7.09	82	875890	96.25	ng	-0.12
41) 2,4,6-Tribromophenol	10.35	330	485138	147.07	ng	-0.12
44) 2-Fluorobiphenyl	8.88	172	1526614	77.31	ng	-0.12
78) Terphenyl-d14	12.62	244	2117576	100.56	ng	-0.12
Target Compounds						Qvalue
15) Benzyl Alcohol	6.68	79	29047	4.10	ng	# 1
18) Hexachloroethane	7.09	117	39240	11.47	ng	# 2
19) n-Nitroso-di-n-propylamine	7.09	70	123893	20.43	ng	# 79
22) Acetophenone	6.94	105	26774	2.15	ng	# 93
25) Isophorone	7.09	82	699700	41.67	ng	# 65
31) Naphthalene	7.82	128	1188584	51.32	ng	100
32) Benzoic acid	7.63	122	18877	3.21	ng	# 31
33) 4-Chloroaniline	7.82	127	157435	15.08	ng	# 31
37) 2-Methylnaphthalene	8.52	142	6320	Below Cal		# 94
56) 2,4-Dinitrotoluene	9.55	165	54735	7.82	ng	# 21
66) 4-Bromophenyl-phenylether	10.35	248	32585	4.84	ng	# 1
71) Anthracene	11.10	178	868	Below Cal		# 1
73) Di-n-butylphthalate	11.60	149	3986	Below Cal		# 32
74) Fluoranthene	12.23	202	2352	Below Cal		# 1
76) Benzidine	12.36	184	592	Below Cal		# 1

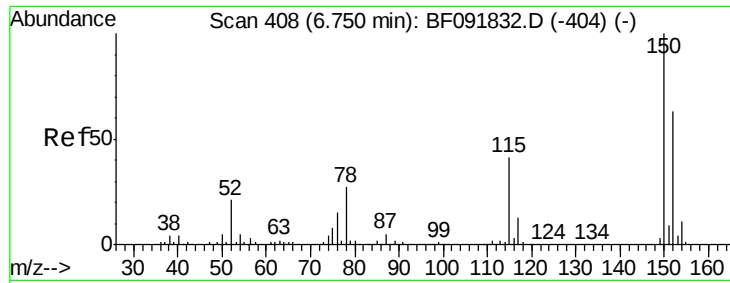
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 427

Delta R.T. -0.12 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

MW-09

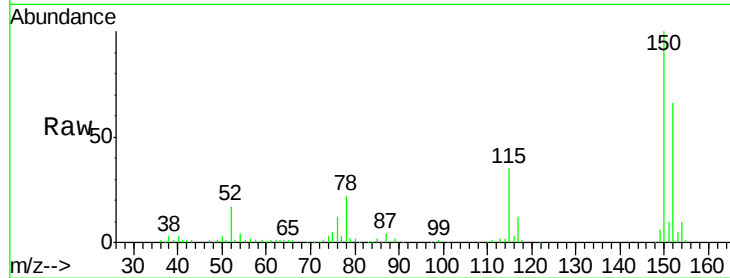
Tgt Ion:152 Resp: 124657

Ion Ratio Lower Upper

152 100

150 151.8 124.9 187.3

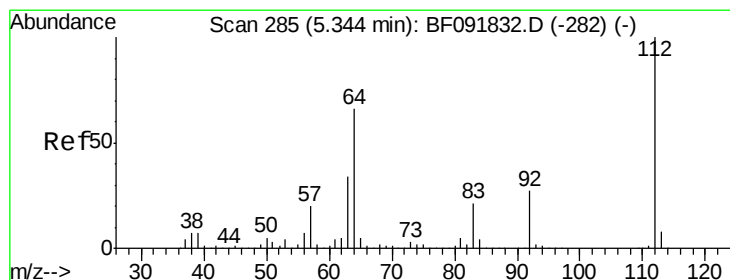
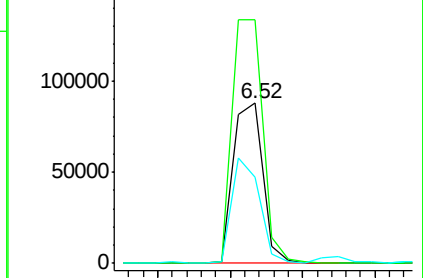
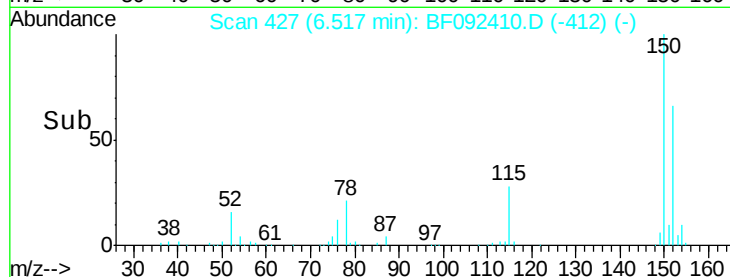
115 53.8 46.0 69.0



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: 84.94 ng

RT: 5.10 min Scan# 303

Delta R.T. -0.14 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

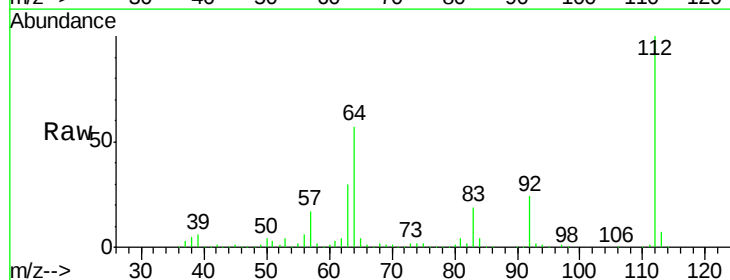
Tgt Ion:112 Resp: 634147

Ion Ratio Lower Upper

112 100

64 57.3 46.1 69.1

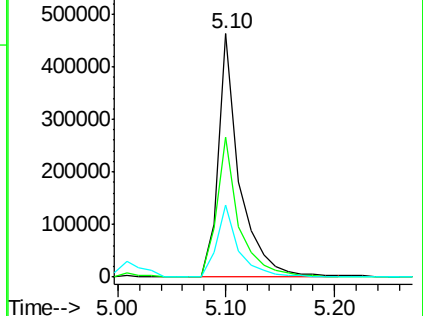
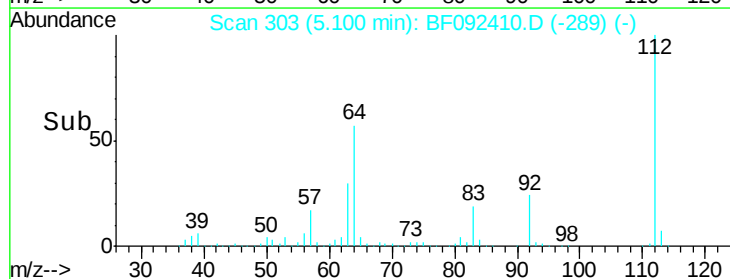
63 29.6 23.8 35.6



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: 59.13 ng

RT: 6.19 min Scan# 398

Delta R.T. -0.12 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

MW-09

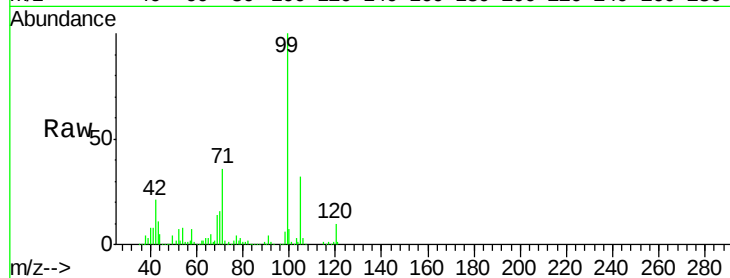
Tgt Ion: 99 Resp: 538977

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

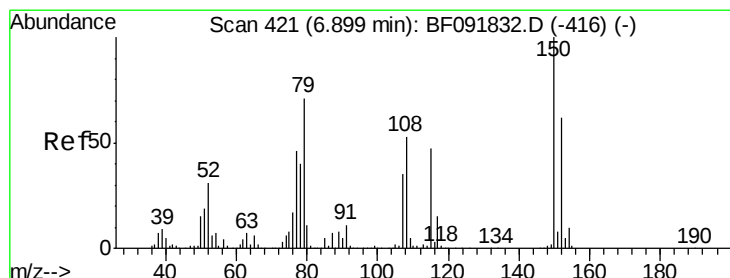
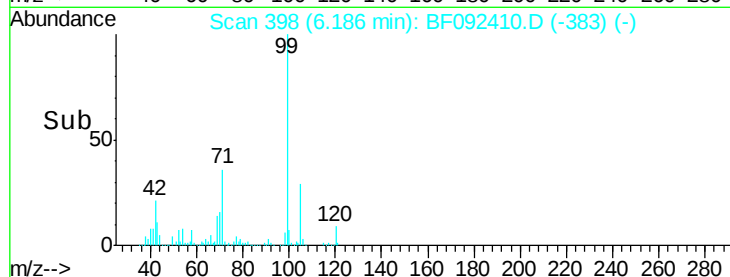
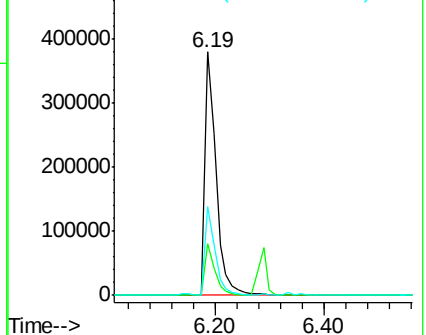
71 36.4 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 4.10 ng

RT: 6.68 min Scan# 441

Delta R.T. -0.12 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

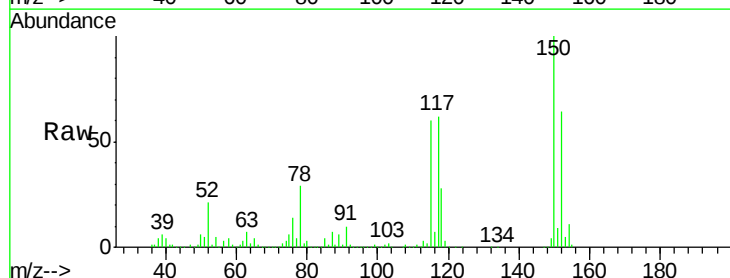
Tgt Ion: 79 Resp: 29047

Ion Ratio Lower Upper

79 100

108 24.8 61.4 92.0#

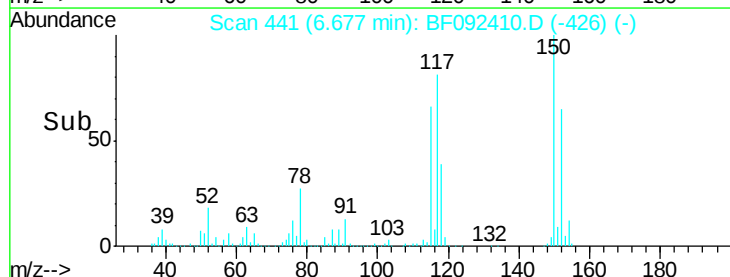
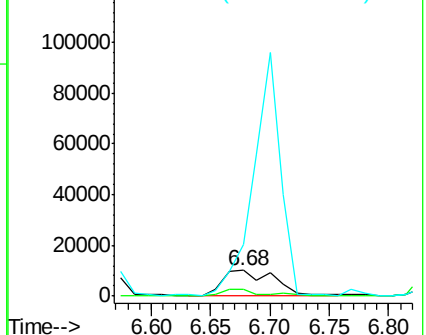
77 201.3 50.9 76.3#

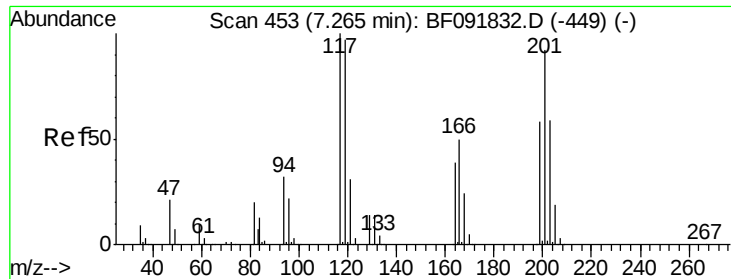


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 11.47 ng

RT: 7.09 min Scan# 477

Delta R.T. -0.07 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

MW-09

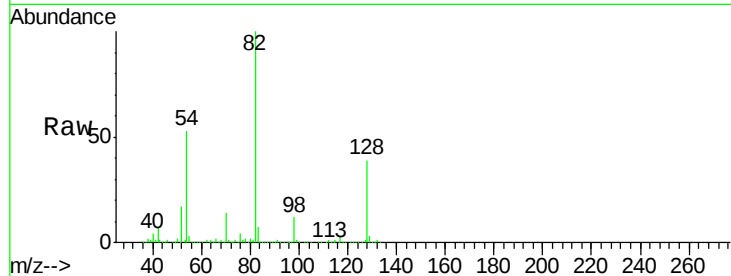
Tgt Ion: 117 Resp: 39240

Ion Ratio Lower Upper

117 100

119 2.4 78.1 117.1#

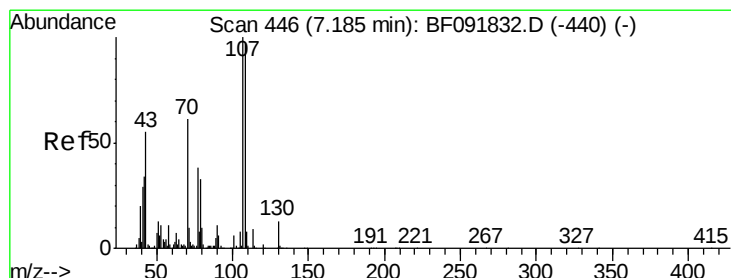
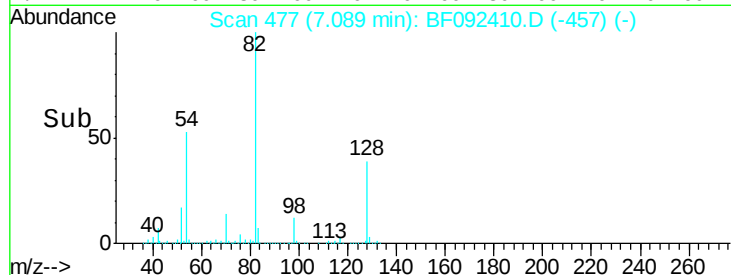
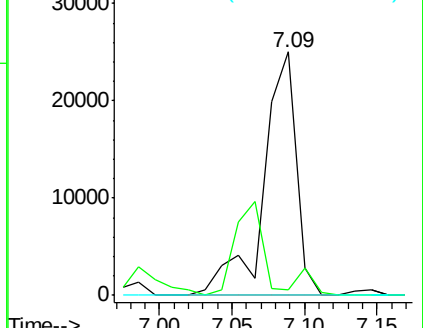
201 0.0 78.6 117.8#



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: 20.43 ng

RT: 7.09 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Tgt Ion: 70 Resp: 123893

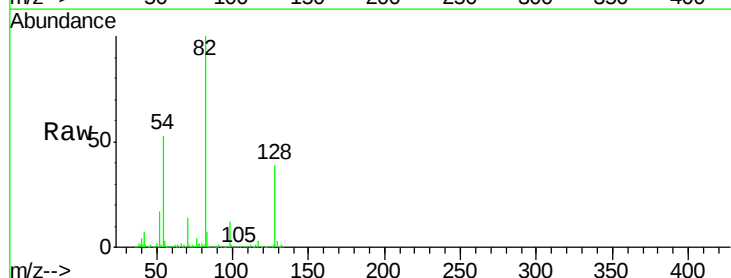
Ion Ratio Lower Upper

70 100

42 49.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

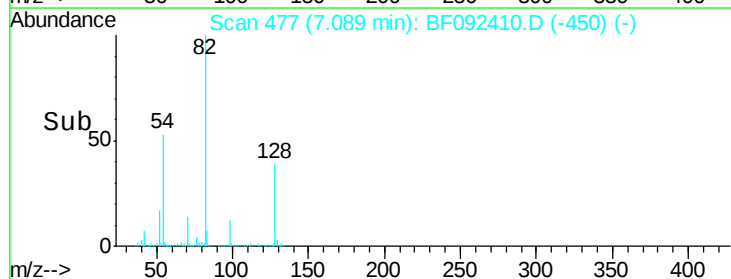
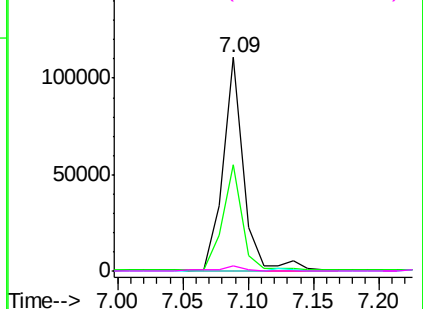


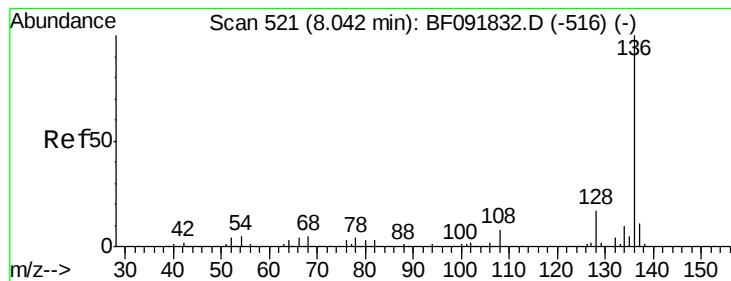
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 539

Delta R.T. -0.14 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

MW-09

Tgt Ion:136 Resp: 506034

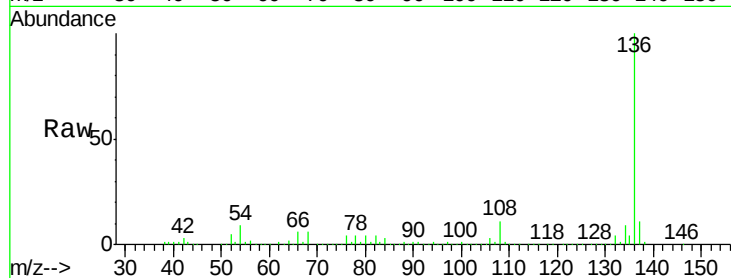
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.9 4.5 6.7#

68 6.4 3.6 5.4#

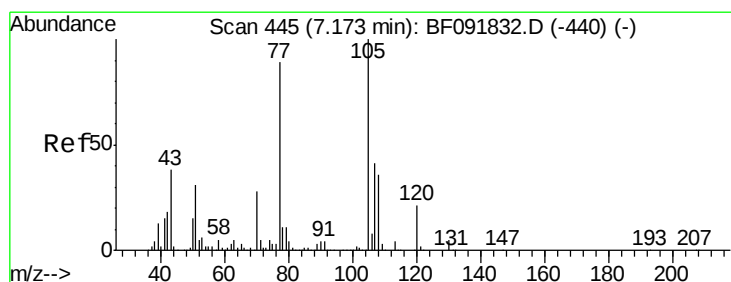
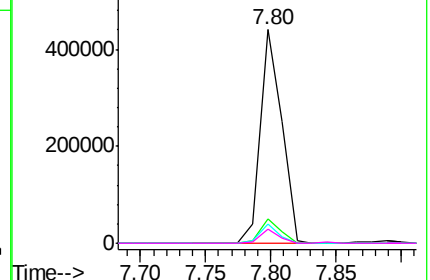
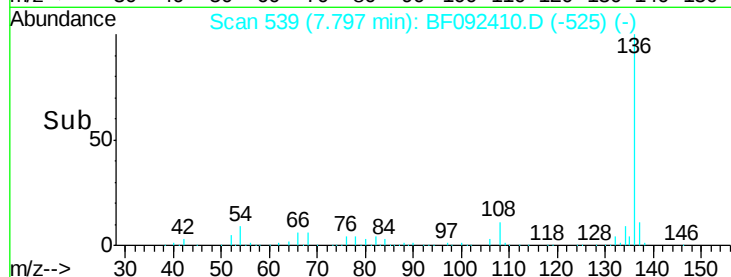


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.15 ng

RT: 6.94 min Scan# 464

Delta R.T. -0.12 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Tgt Ion:105 Resp: 26774

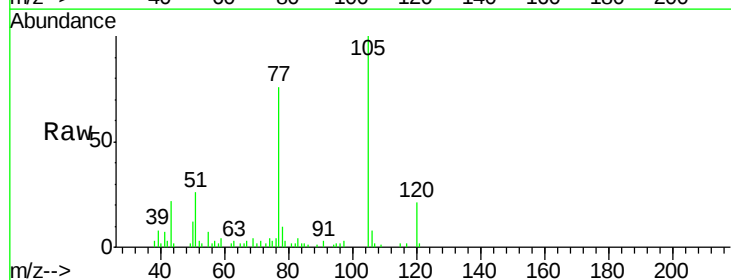
Ion Ratio Lower Upper

105 100

71 2.7 3.2 4.8#

51 26.1 26.2 39.4#

120 20.6 16.6 24.8

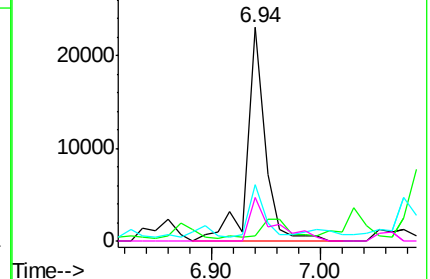
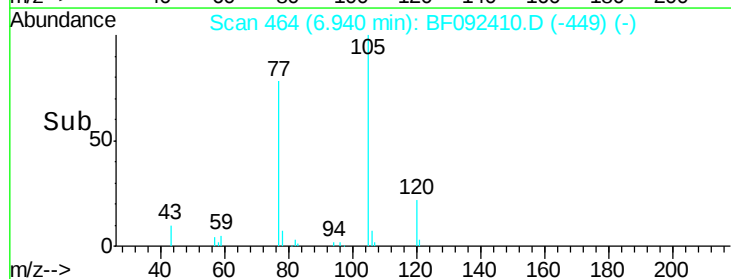


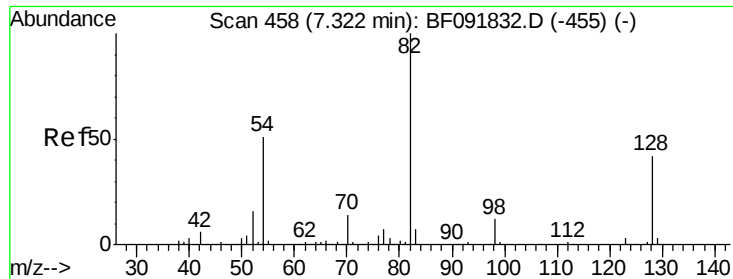
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

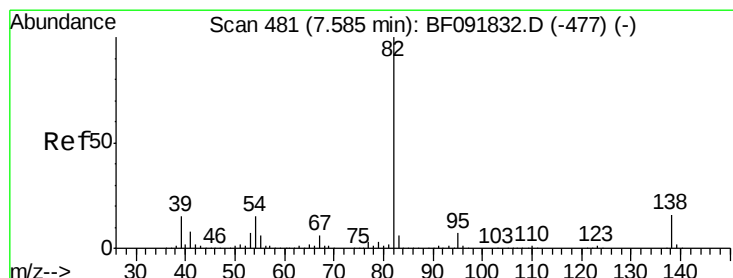
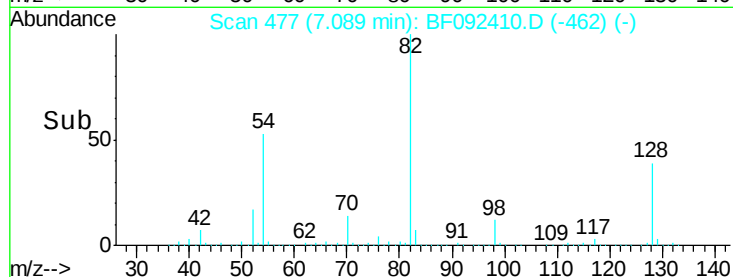
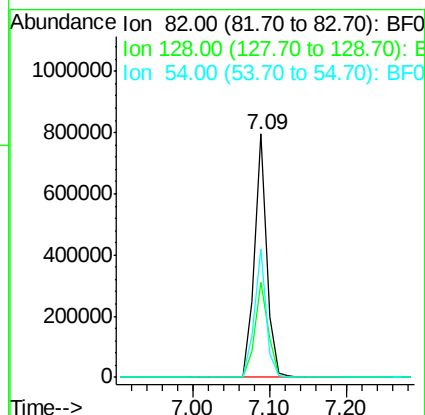
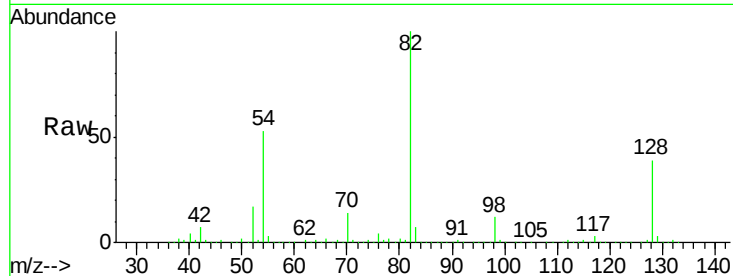




#23
Nitrobenzene-d5
Concen: 96.25 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.12 min
Lab File: BF092410.D
Acq: 21 Jan 2017 13:57

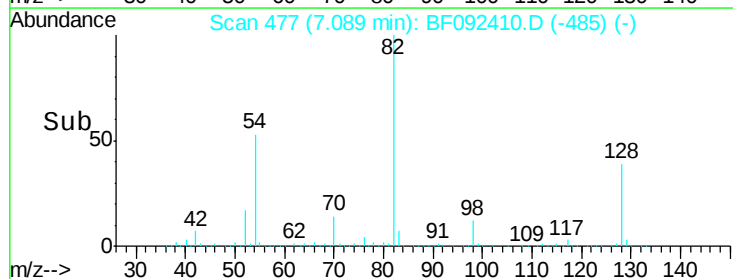
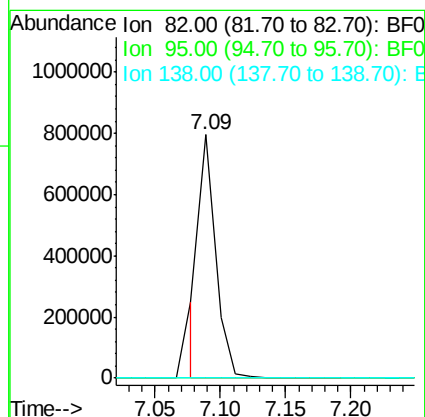
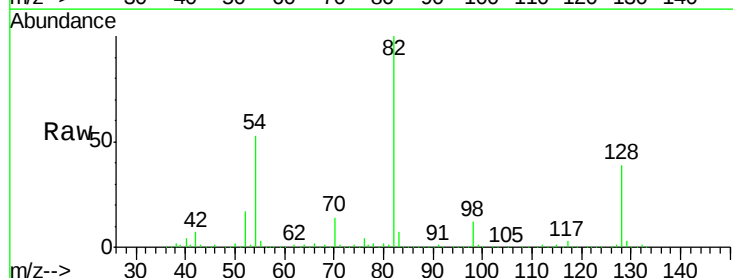
Instrument :
BNA_F
ClientSampled :
MW-09

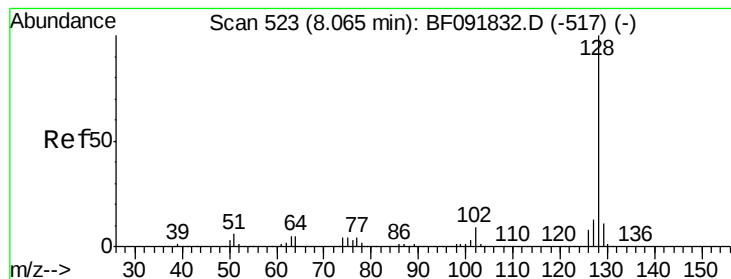
Tgt Ion: 82 Resp: 875890
Ion Ratio Lower Upper
82 100
128 39.2 34.6 52.0
54 52.7 39.5 59.3



#25
Isophorone
Concen: 41.67 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.39 min
Lab File: BF092410.D
Acq: 21 Jan 2017 13:57

Tgt Ion: 82 Resp: 699700
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.6 22.0#





#31

Naphthalene

Concen: 51.32 ng

RT: 7.82 min Scan# 541

Delta R.T. -0.14 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

MW-09

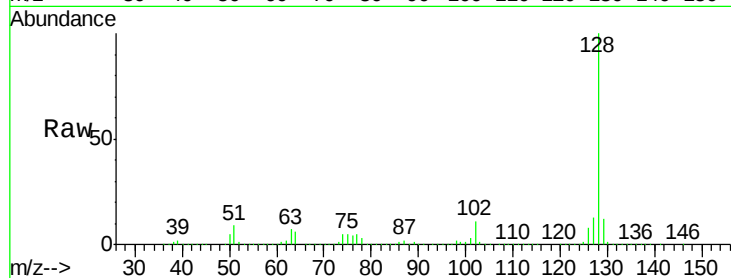
Tgt Ion:128 Resp: 1188584

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

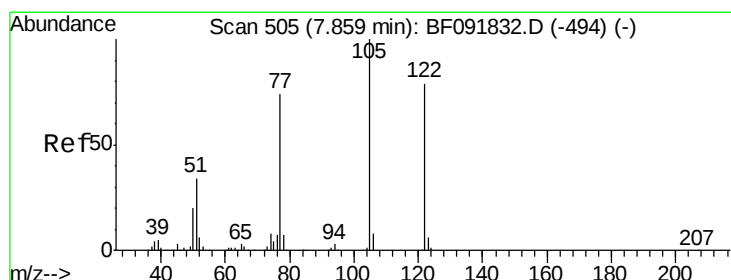
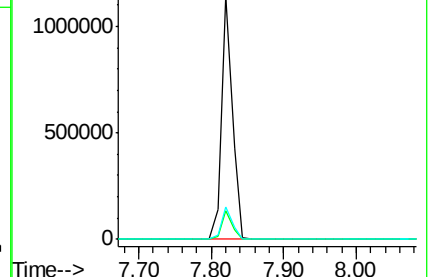
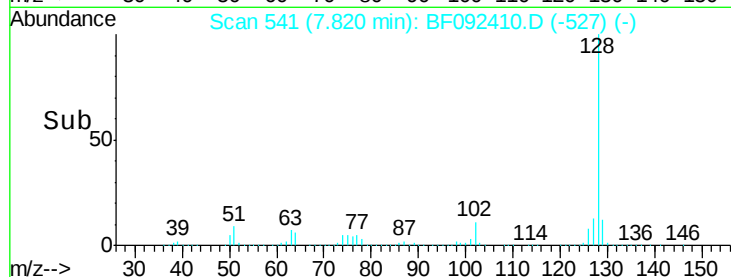
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.21 ng

RT: 7.63 min Scan# 524

Delta R.T. -0.12 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

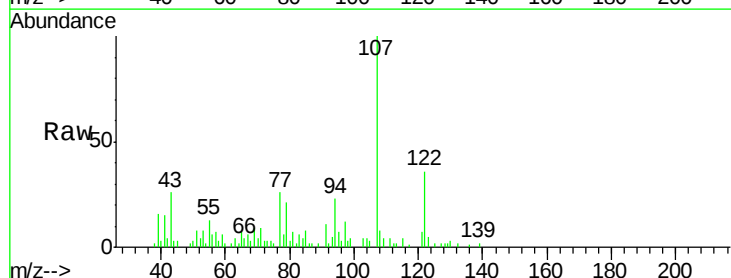
Tgt Ion:122 Resp: 18877

Ion Ratio Lower Upper

122 100

105 7.4 107.2 147.2#

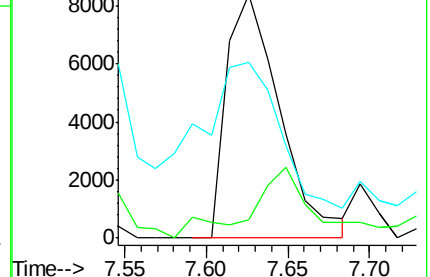
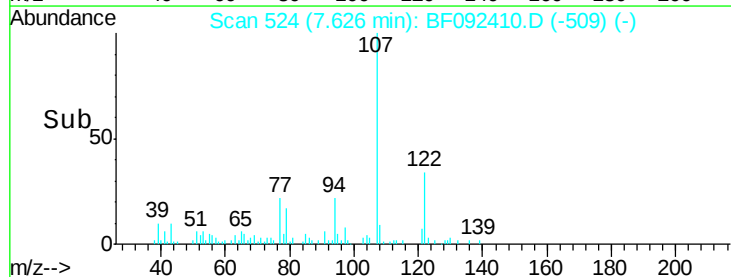
77 72.5 74.5 114.5#

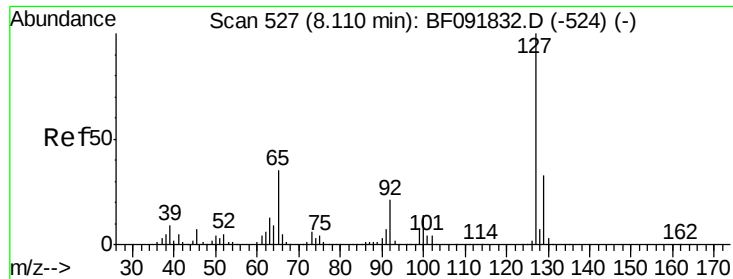


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

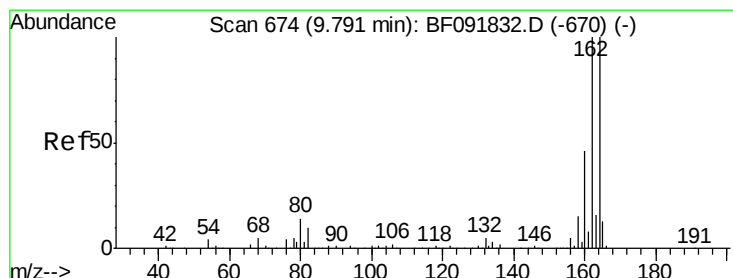
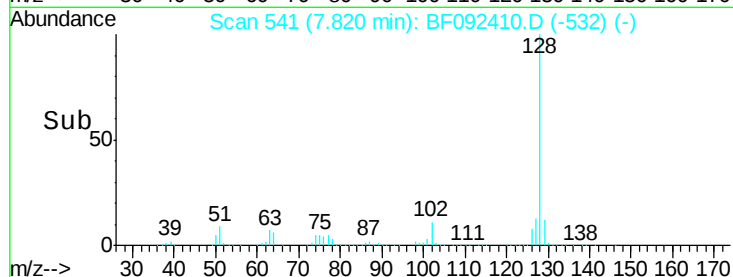
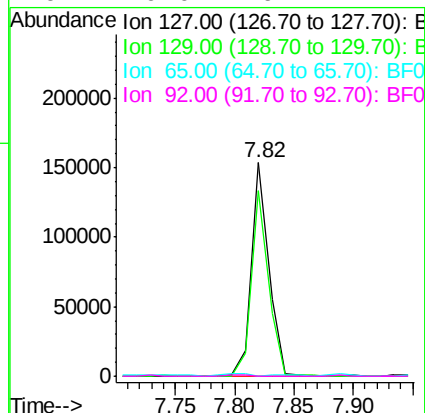
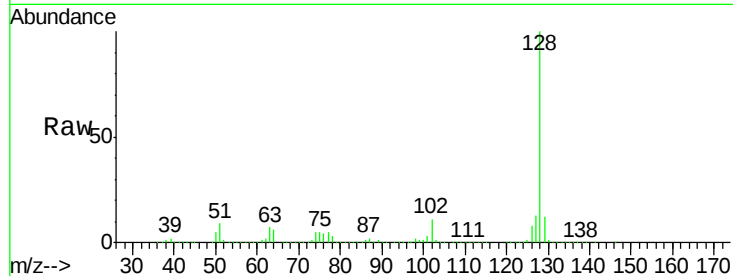




#33
4-Chloroaniline
Concen: 15.08 ng
RT: 7.82 min Scan# 541
Delta R.T. -0.19 min
Lab File: BF092410.D
Acq: 21 Jan 2017 13:57

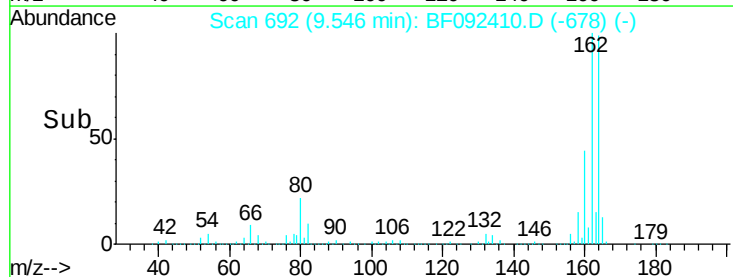
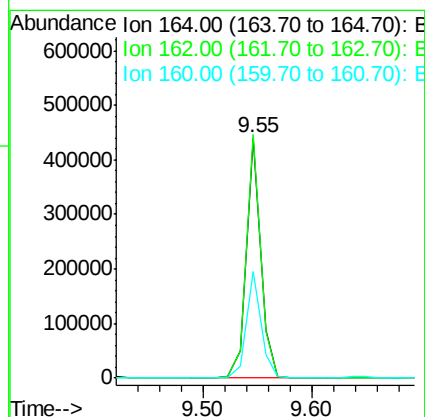
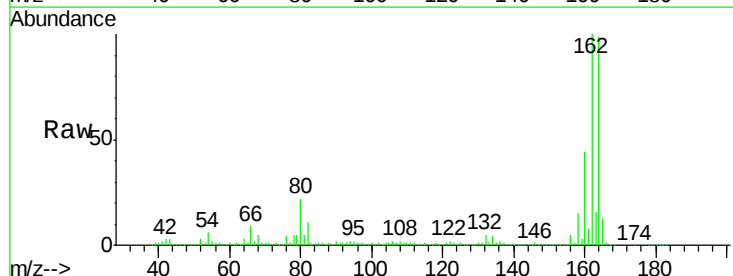
Instrument :
BNA_F
ClientSampleId :
MW-09

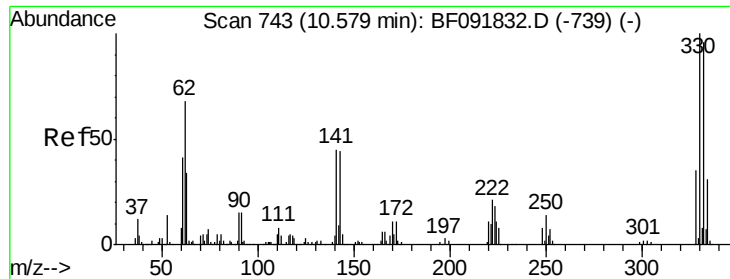
Tgt Ion:	127	Resp:	157435
Ion	Ratio	Lower	Upper
127	100		
129	87.1	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 692
Delta R.T. -0.14 min
Lab File: BF092410.D
Acq: 21 Jan 2017 13:57

Tgt Ion:	164	Resp:	398592
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.6	36.9	55.3

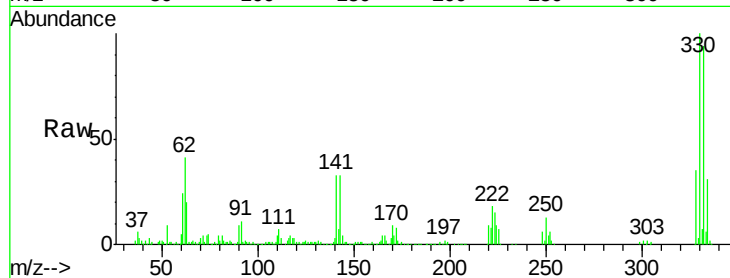




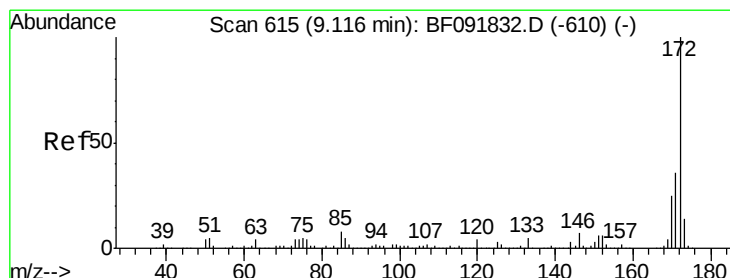
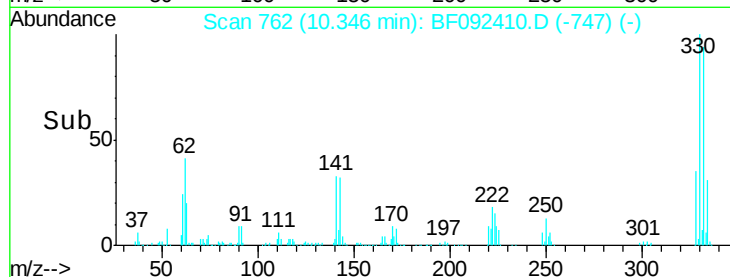
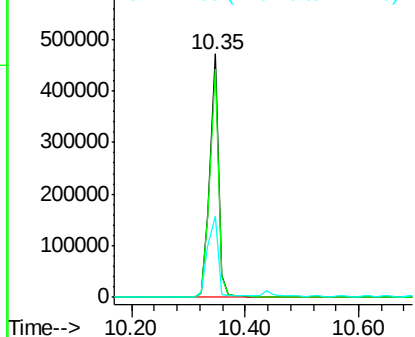
#41
 2,4,6-Tribromophenol
 Concen: 147.07 ng
 RT: 10.35 min Scan# 762
 Delta R.T. -0.12 min
 Lab File: BF092410.D
 Acq: 21 Jan 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:330 Resp: 485138
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.4 116.2
 141 38.7 34.1 51.1

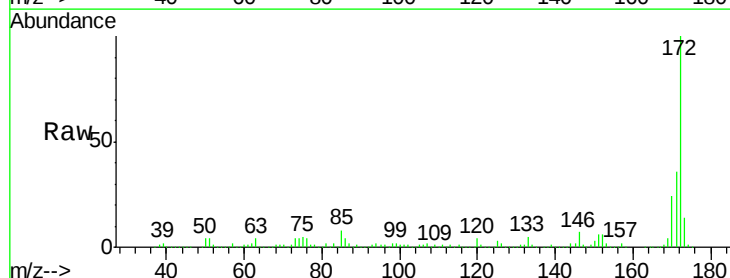


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

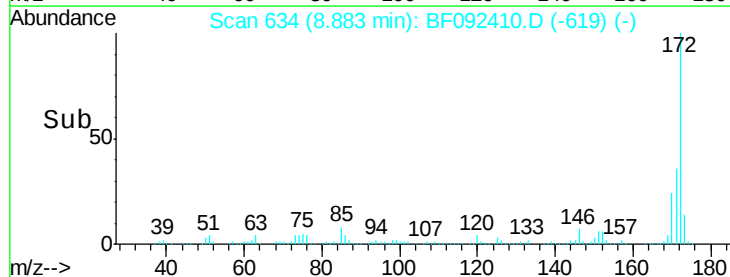
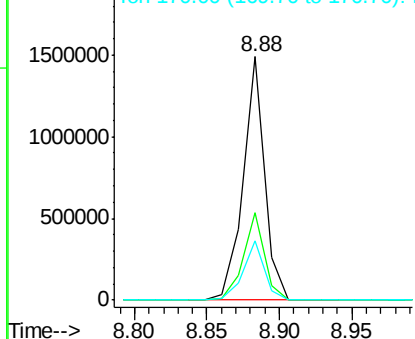


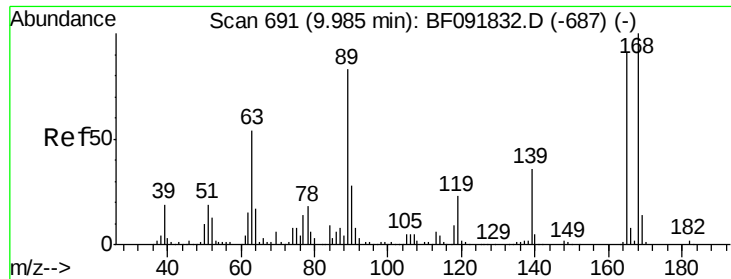
#44
 2-Fluorobiphenyl
 Concen: 77.31 ng
 RT: 8.88 min Scan# 634
 Delta R.T. -0.12 min
 Lab File: BF092410.D
 Acq: 21 Jan 2017 13:57

Tgt Ion:172 Resp: 1526614
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

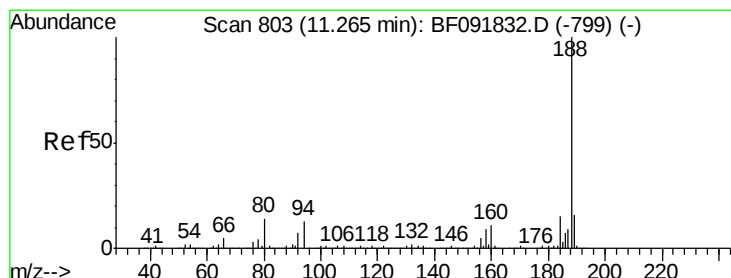
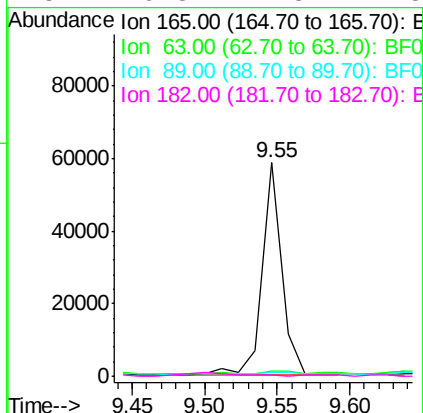
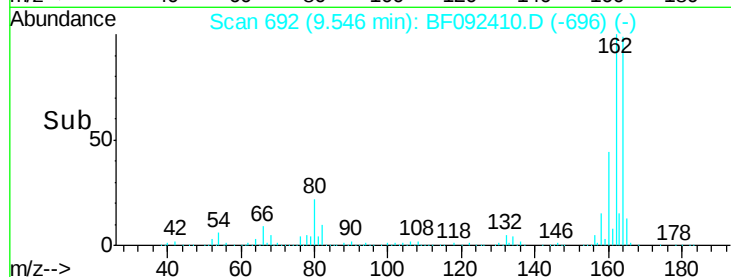
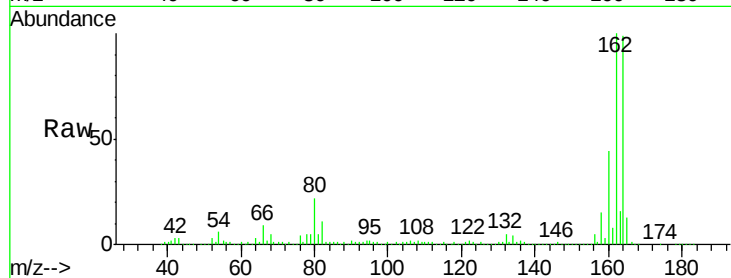




#56
2,4-Dinitrotoluene
Concen: 7.82 ng
RT: 9.55 min Scan# 692
Delta R.T. -0.34 min
Lab File: BF092410.D
Acq: 21 Jan 2017 13:57

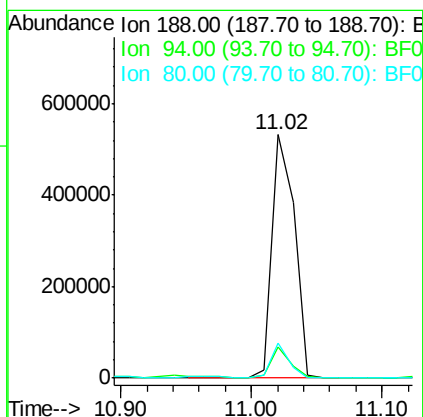
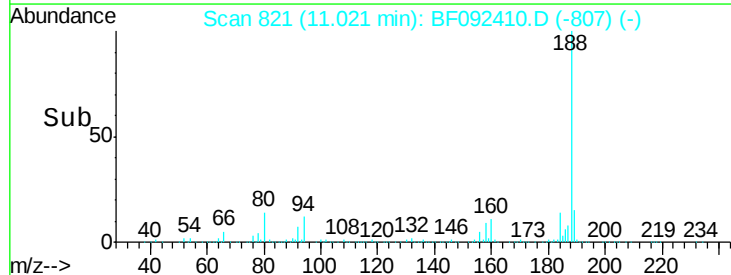
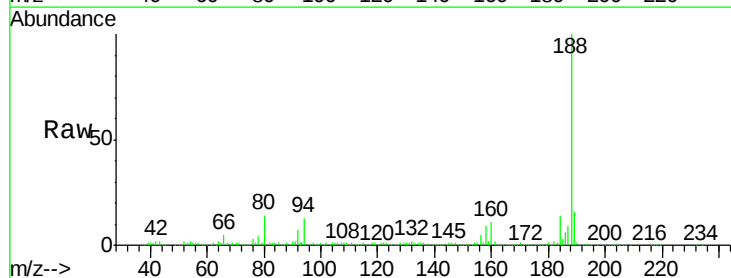
Instrument :
BNA_F
ClientSampleId :
MW-09

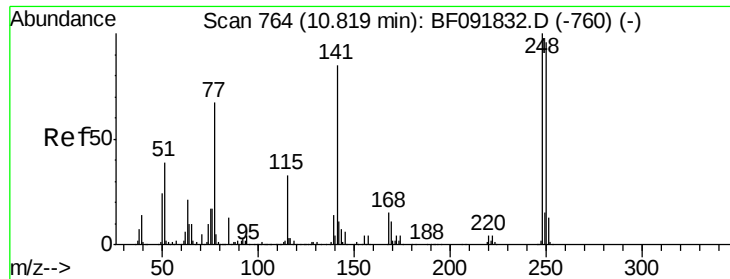
Tgt Ion:	165	Resp:	54735
Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.2	60.4#
89	2.1	62.5	93.7#
182	0.8	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 821
Delta R.T. -0.14 min
Lab File: BF092410.D
Acq: 21 Jan 2017 13:57

Tgt Ion:	188	Resp:	647542
Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.0	15.0
80	14.3	11.2	16.8

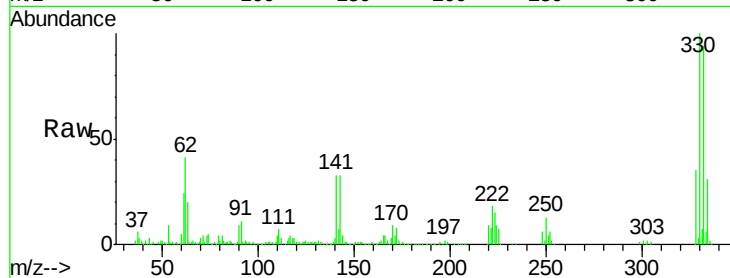




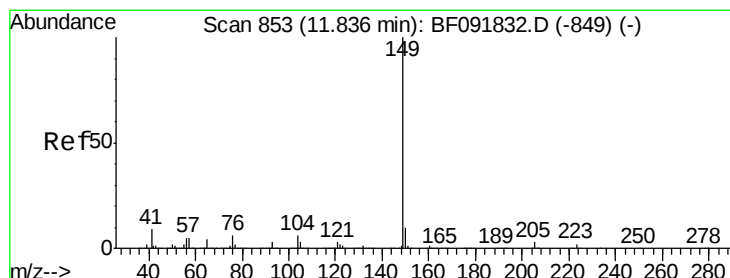
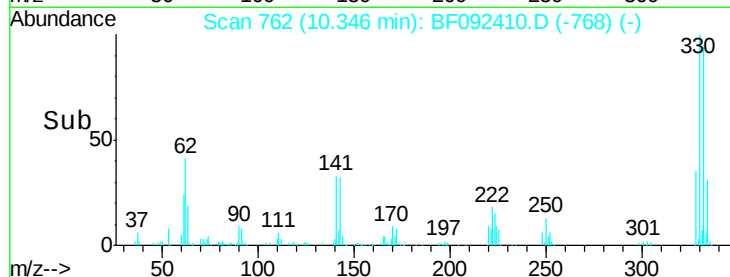
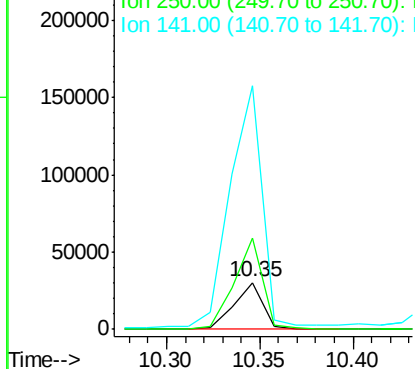
#66
 4-Bromophenyl-phenylether
 Concen: 4.84 ng
 RT: 10.35 min Scan# 762
 Delta R.T. -0.36 min
 Lab File: BF092410.D
 Acq: 21 Jan 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:248 Resp: 32585
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.9 115.3#
 141 518.7 68.2 102.4#

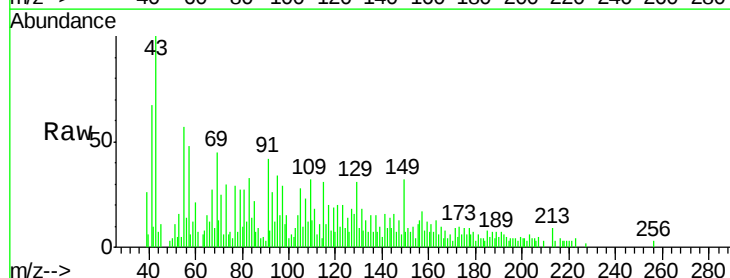


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

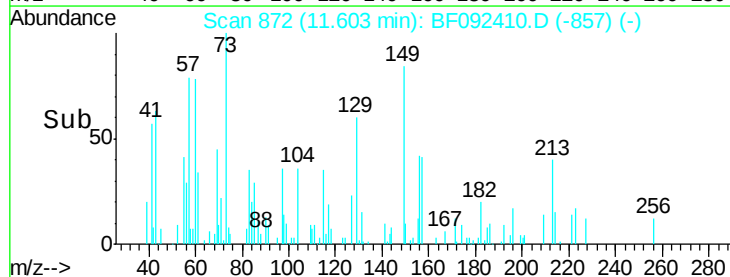
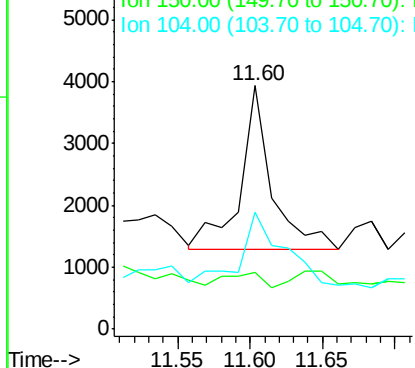


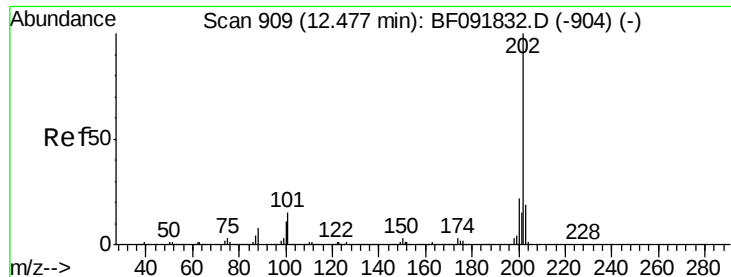
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.60 min Scan# 872
 Delta R.T. -0.12 min
 Lab File: BF092410.D
 Acq: 21 Jan 2017 13:57

Tgt Ion:149 Resp: 3986
 Ion Ratio Lower Upper
 149 100
 150 23.3 8.1 12.1#
 104 47.8 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# 927

Delta R.T. -0.14 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

MW-09

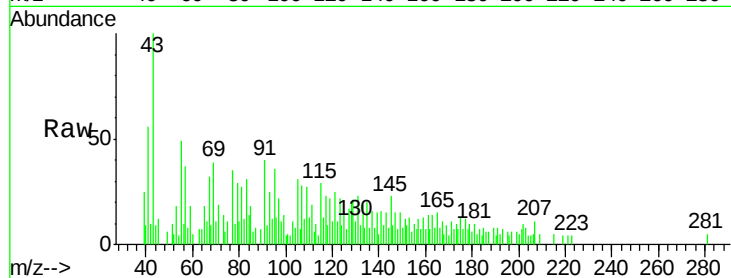
Tgt Ion:202 Resp: 2352

Ion Ratio Lower Upper

202 100

101 45.8 0.0 34.6#

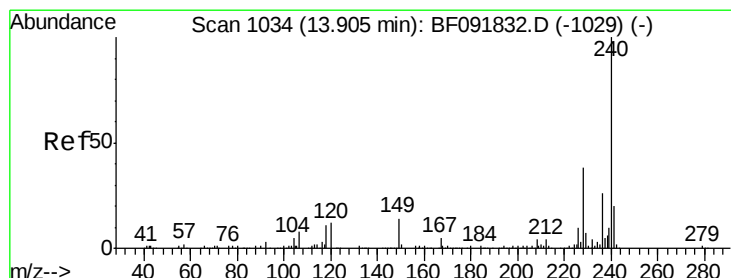
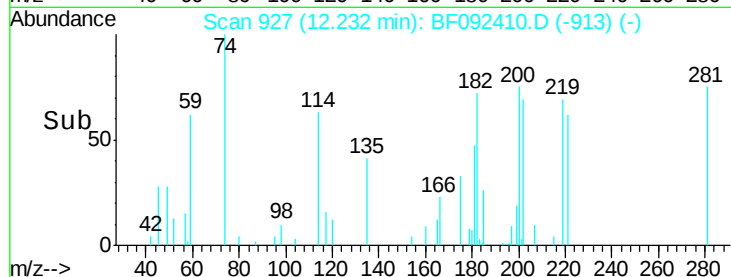
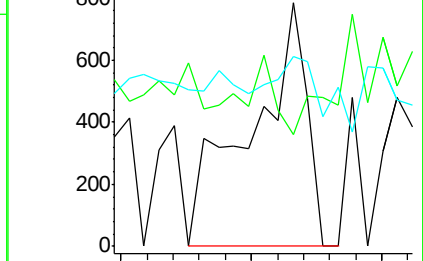
203 77.7 0.0 38.7#



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# 1051

Delta R.T. -0.14 min

Lab File: BF092410.D

Acq: 21 Jan 2017 13:57

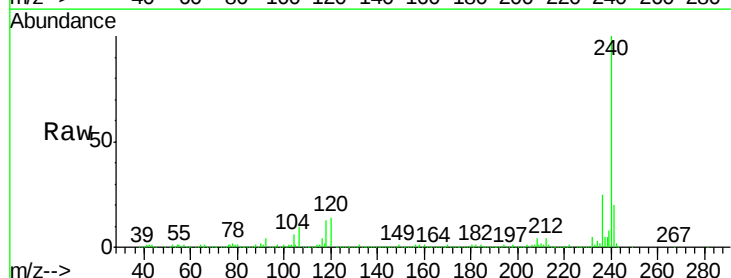
Tgt Ion:240 Resp: 510723

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

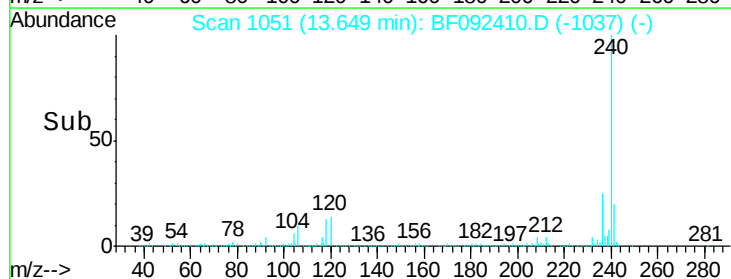
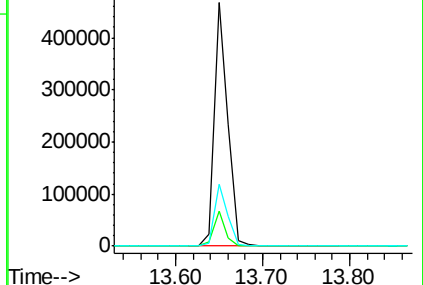
236 25.2 20.9 31.3

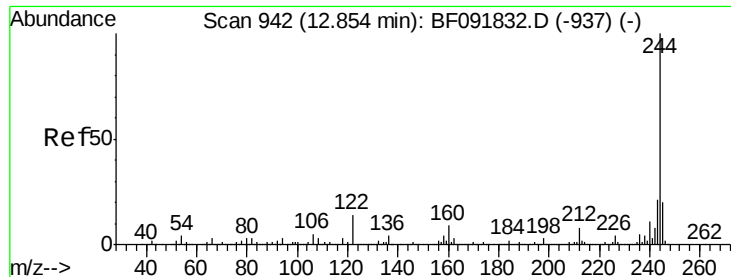


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

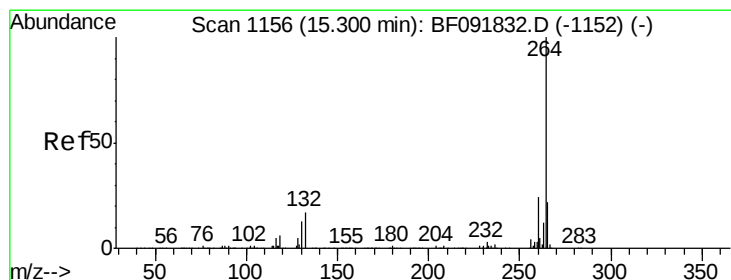
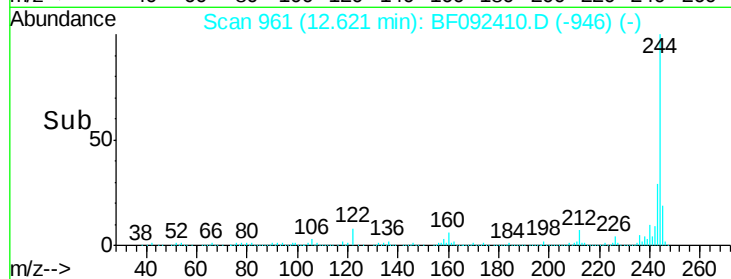
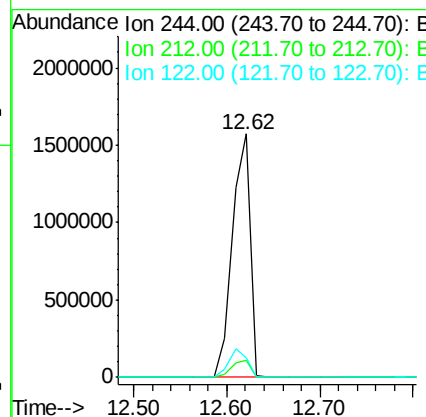
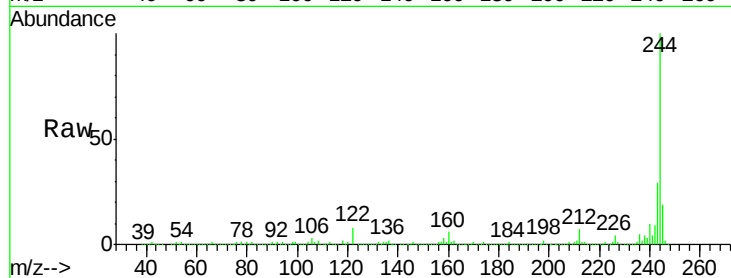




#78
 Terphenyl-d14
 Concen: 100.56 ng
 RT: 12.62 min Scan# 961
 Delta R.T. -0.12 min
 Lab File: BF092410.D
 Acq: 21 Jan 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:244 Resp: 2117576
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1169
 Delta R.T. -0.15 min
 Lab File: BF092410.D
 Acq: 21 Jan 2017 13:57

Tgt Ion:264 Resp: 399485
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 17.4 26.0

