

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091960.D
 Acq On : 24 Dec 2016 9:11
 Operator : UM/SJ
 Sample : H6156-15DL 20X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

Quant Time: Dec 24 23:55:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

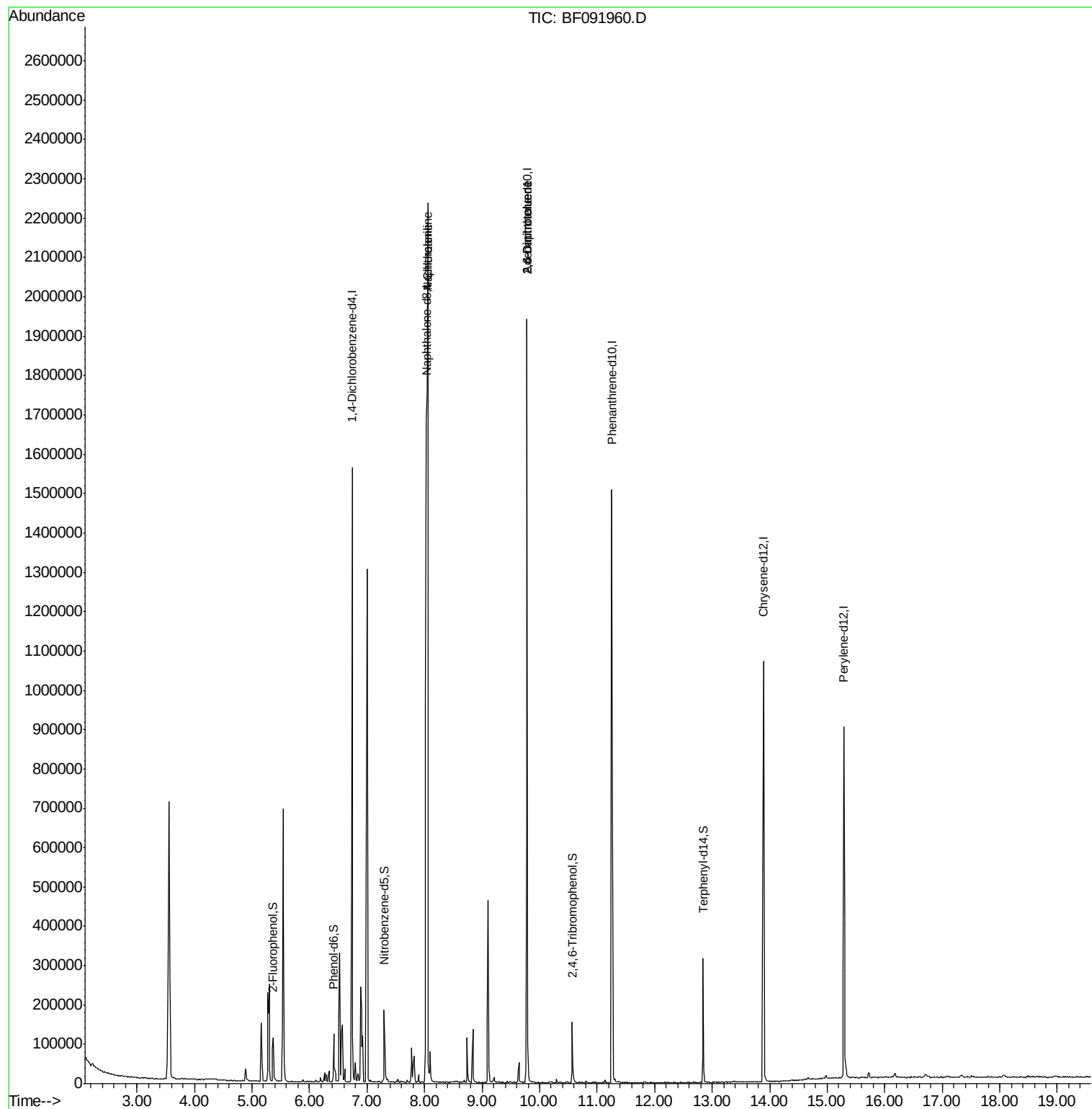
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	255016	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	908669	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	456742	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	641253	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	459412	20.00	ng	-0.01
86) Perylene-d12	15.29	264	432171	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	53057	3.47	ng	0.02
7) Phenol-d6	6.42	99	43197	2.32	ng	0.01
23) Nitrobenzene-d5	7.30	82	83997	5.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	22161	5.86	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	169674	-6.23	ng	-0.01
78) Terphenyl-d14	12.84	244	106937	5.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.28	77	2173	Below Cal	#	1
31) Naphthalene	8.05	128	1456040	35.01	ng	98
33) 4-Chloroaniline	8.05	127	188498	10.05	ng	# 34
50) 2,6-Dinitrotoluene	9.78	165	59082	9.24	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	59083	7.36	ng	# 19
71) Anthracene	11.28	178	2356	Below Cal		97
73) Di-n-butylphthalate	11.82	149	796	Below Cal	#	76

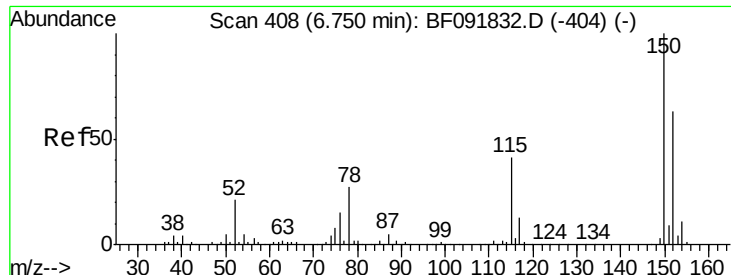
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-9DL

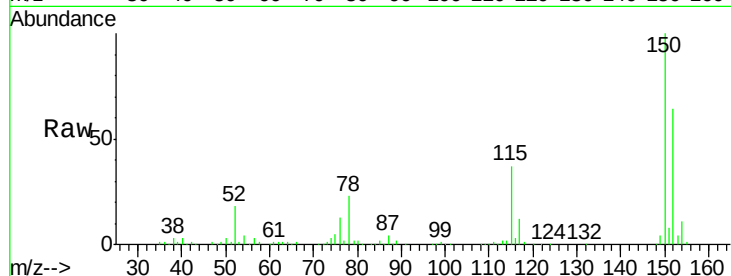
Tgt Ion:152 Resp: 255016

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

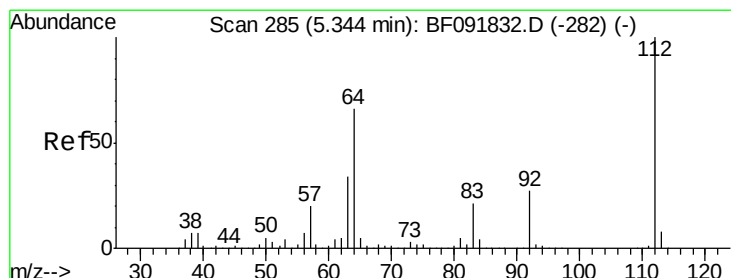
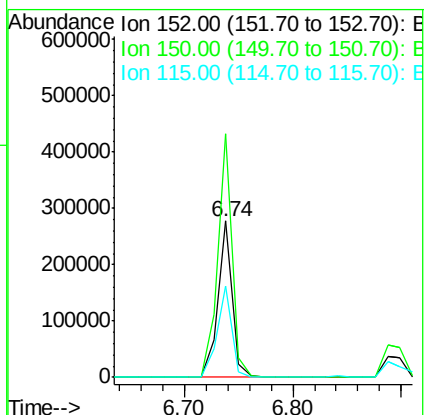
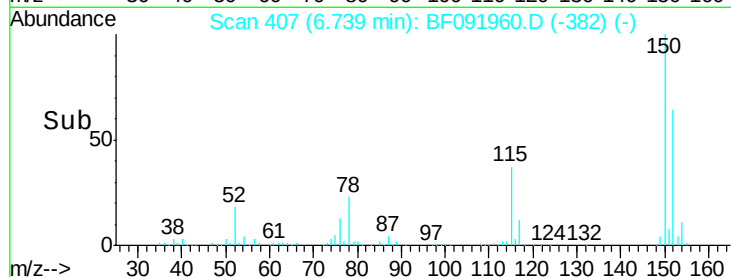
115 58.1 46.0 69.0



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: 3.47 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

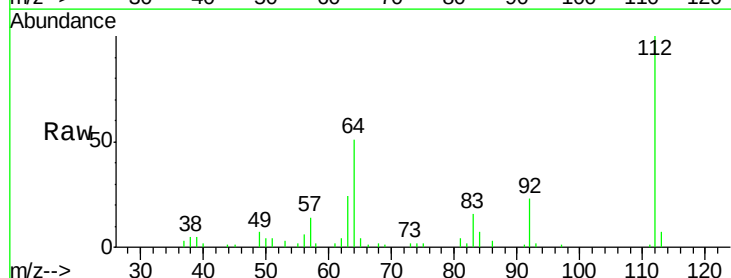
Tgt Ion:112 Resp: 53057

Ion Ratio Lower Upper

112 100

64 51.4 46.1 69.1

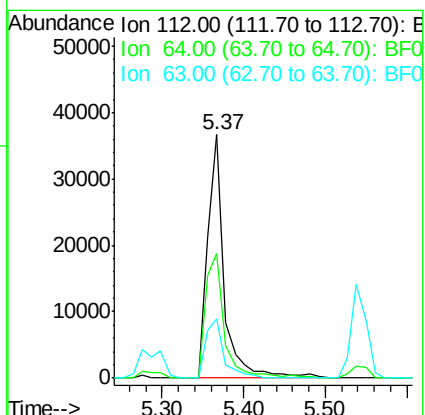
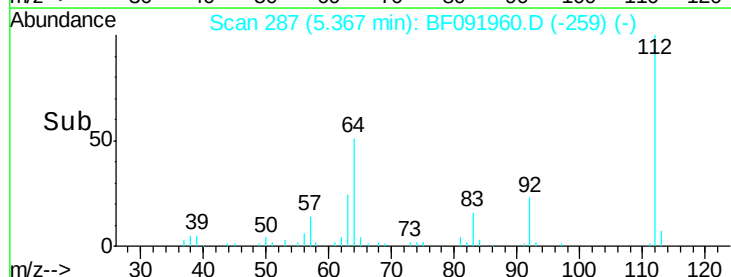
63 24.4 23.8 35.6

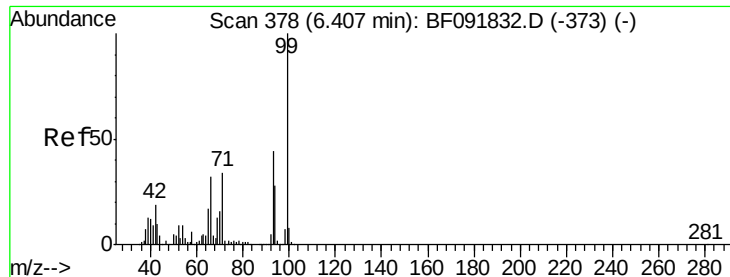


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.32 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-9DL

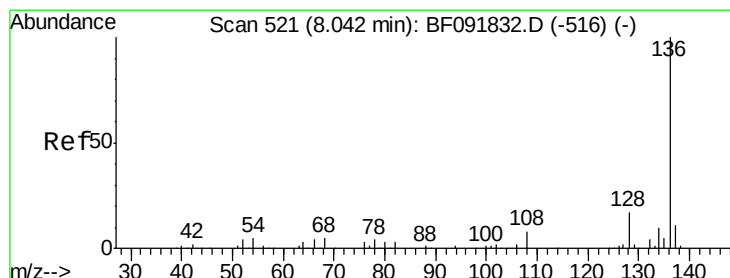
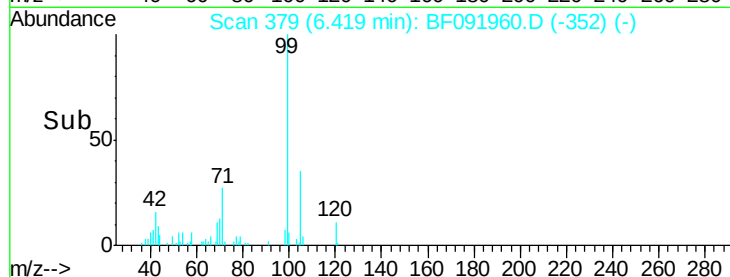
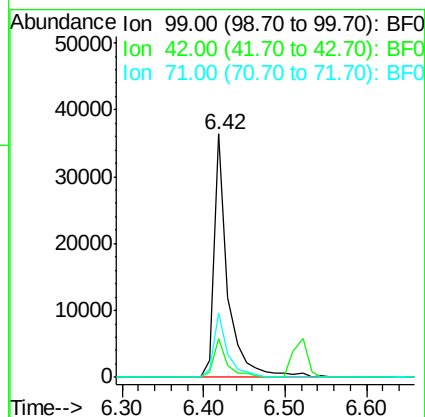
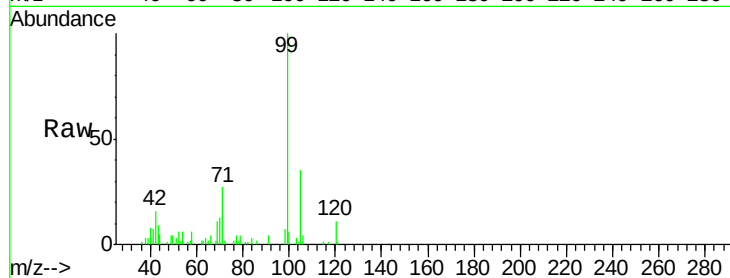
Tgt Ion: 99 Resp: 43197

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 26.6 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

Tgt Ion: 136 Resp: 908669

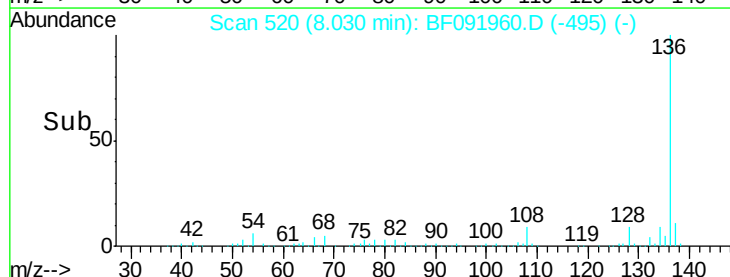
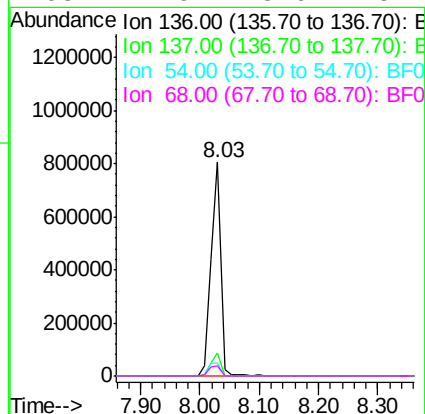
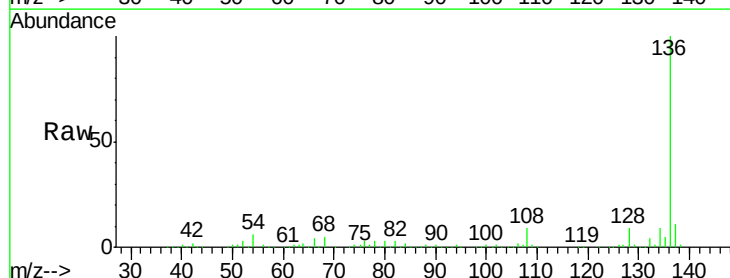
Ion Ratio Lower Upper

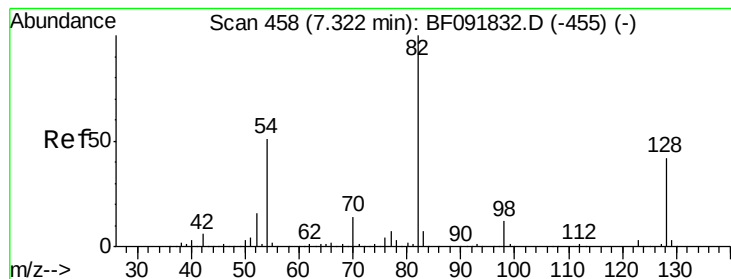
136 100

137 10.9 8.4 12.6

54 5.9 4.5 6.7

68 4.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 5.14 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-9DL

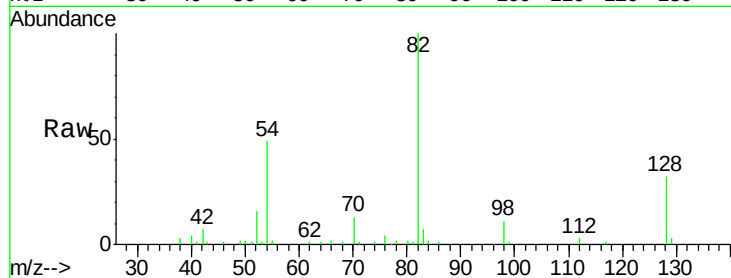
Tgt Ion: 82 Resp: 83997

Ion Ratio Lower Upper

82 100

128 32.4 34.6 52.0#

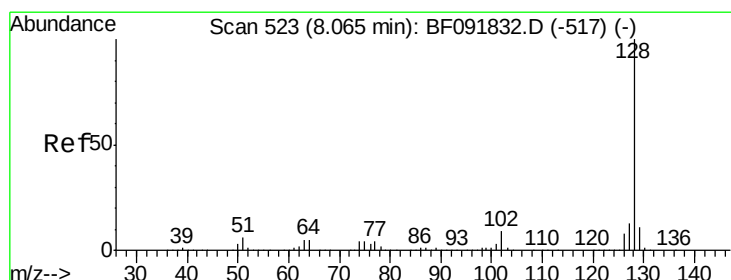
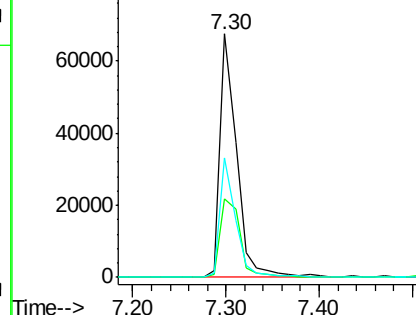
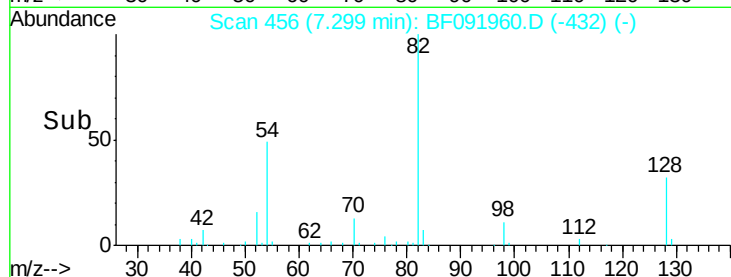
54 49.2 39.5 59.3



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



#31

Naphthalene

Concen: 35.01 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

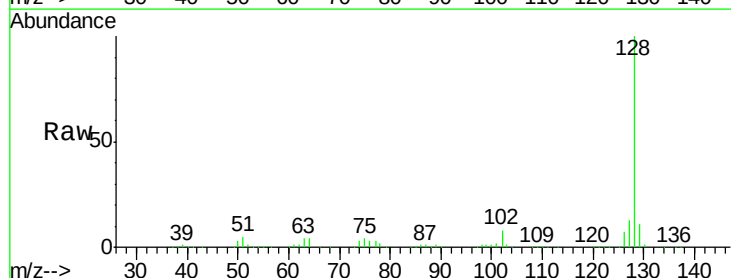
Tgt Ion: 128 Resp: 1456040

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

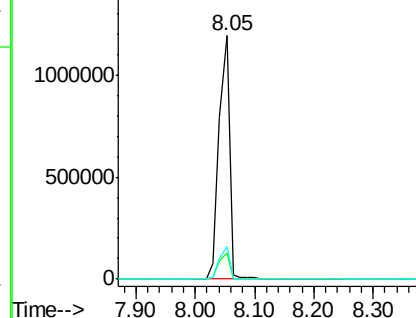
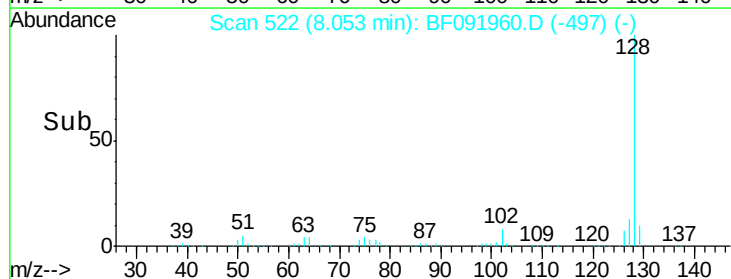
127 13.2 10.8 16.2

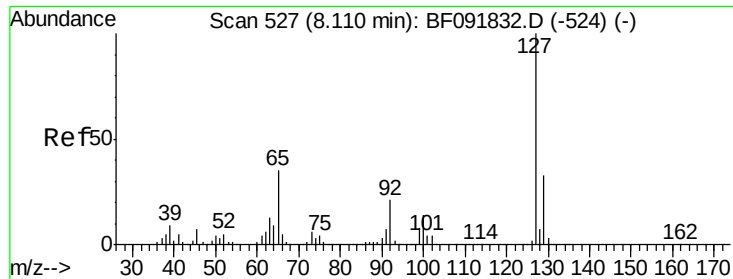


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

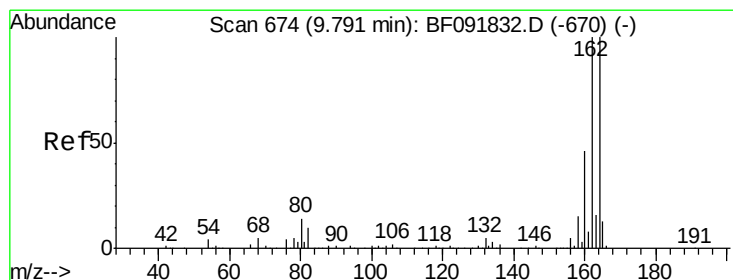
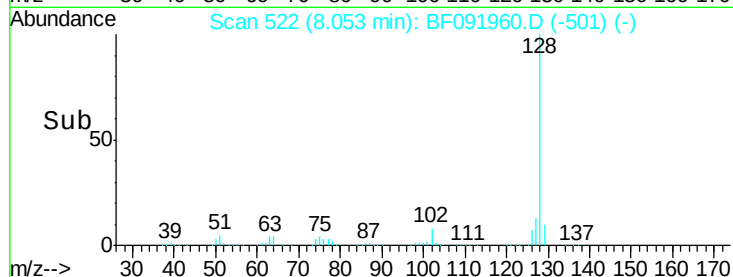
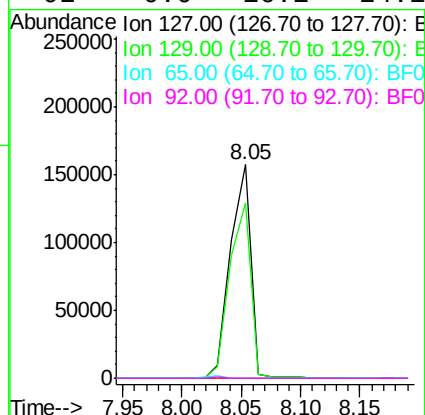
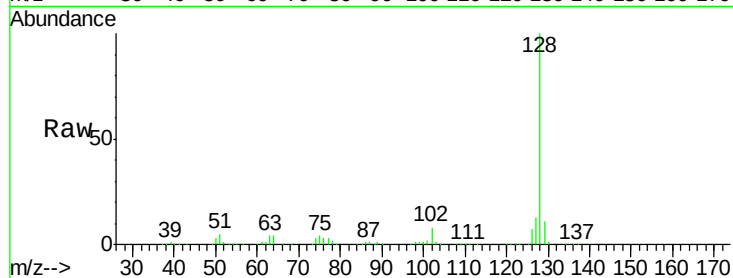




#33
4-Chloroaniline
Concen: 10.05 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF091960.D
Acq: 24 Dec 2016 9:11

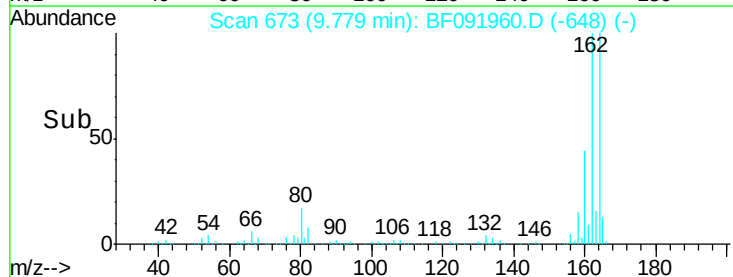
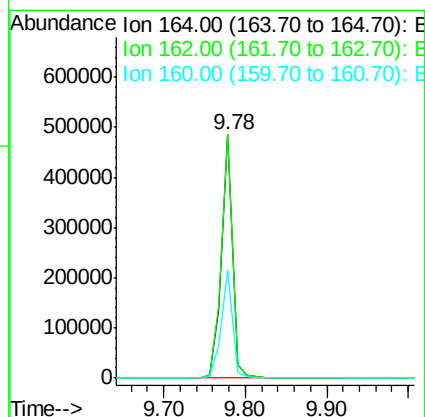
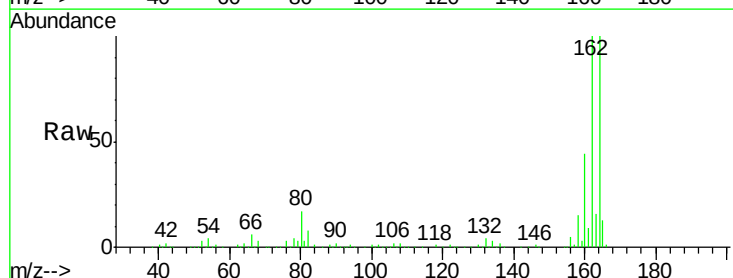
Instrument :
BNA_F
ClientSampleId :
MW-9DL

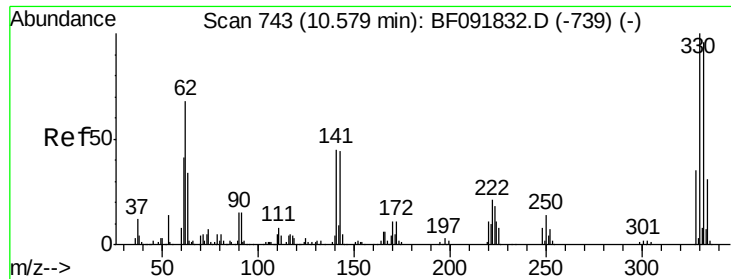
Tgt Ion:	127	Resp:	188498
Ion Ratio		Lower	Upper
127	100		
129	81.8	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091960.D
Acq: 24 Dec 2016 9:11

Tgt Ion:	164	Resp:	456742
Ion Ratio		Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.5	36.9	55.3

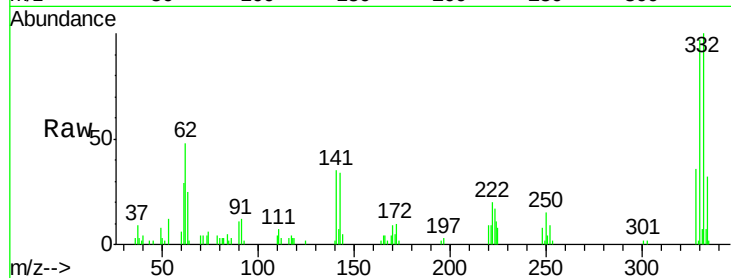




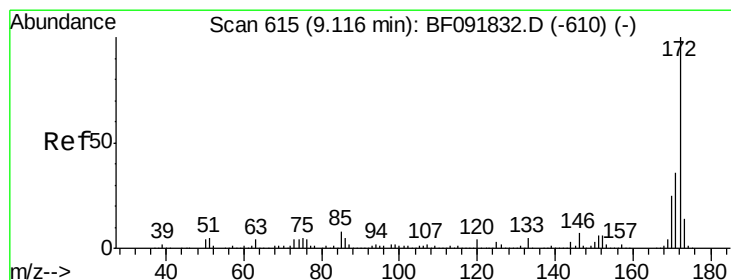
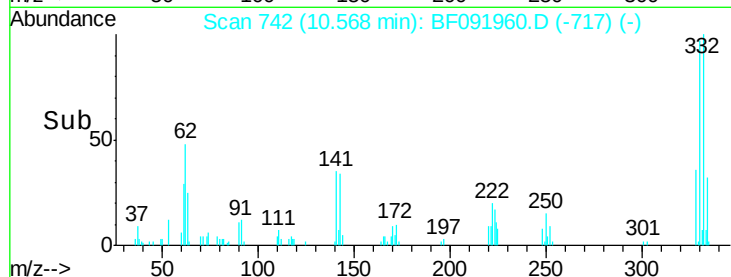
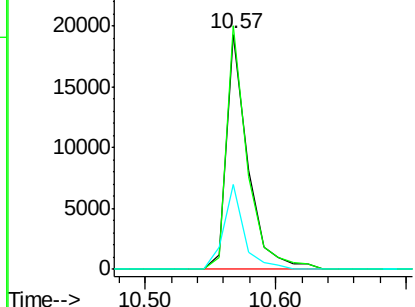
#41
 2,4,6-Tribromophenol
 Concen: 5.86 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091960.D
 Acq: 24 Dec 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

Tgt Ion:330 Resp: 22161
 Ion Ratio Lower Upper
 330 100
 332 100.4 77.4 116.2
 141 34.4 34.1 51.1

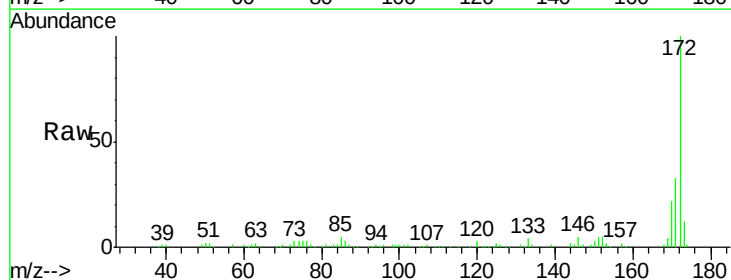


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

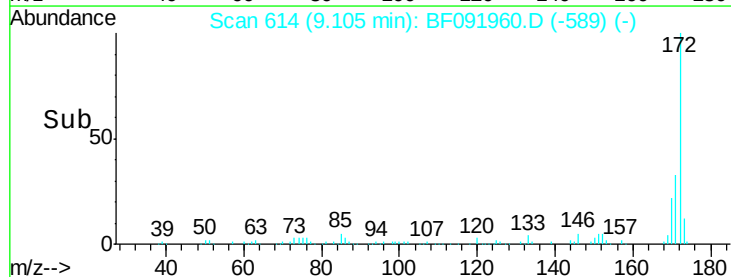
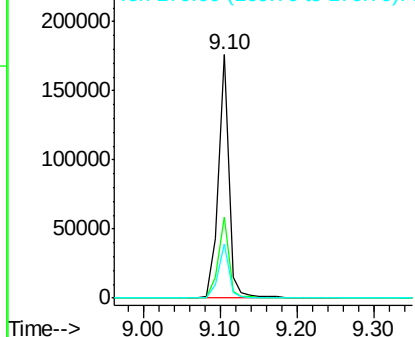


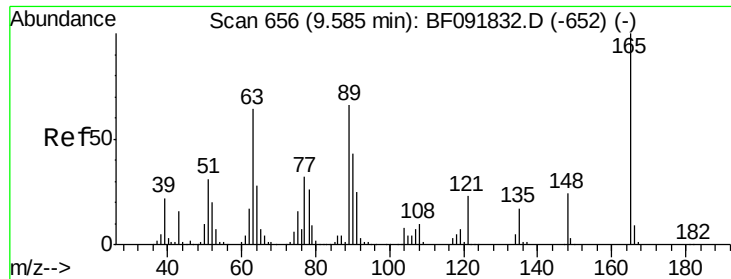
#44
 2-Fluorobiphenyl
 Concen: -6.23 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091960.D
 Acq: 24 Dec 2016 9:11

Tgt Ion:172 Resp: 169674
 Ion Ratio Lower Upper
 172 100
 171 33.1 29.4 44.0
 170 22.1 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





#50

2,6-Dinitrotoluene

Concen: 9.24 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.19 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-9DL

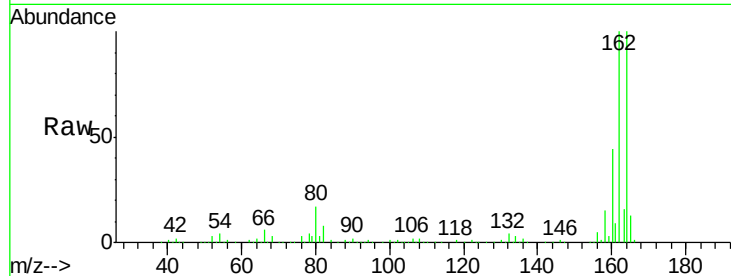
Tgt Ion:165 Resp: 59082

Ion Ratio Lower Upper

165 100

63 0.6 36.2 54.4#

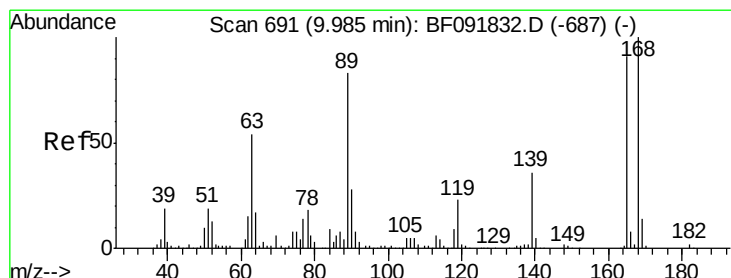
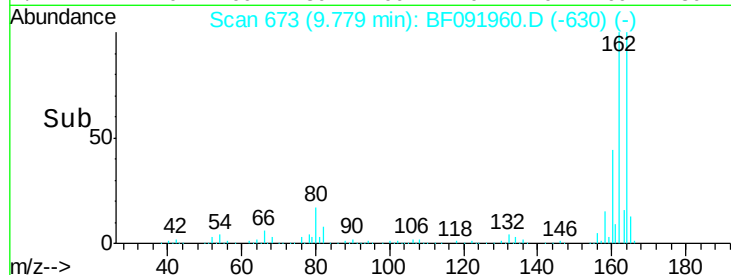
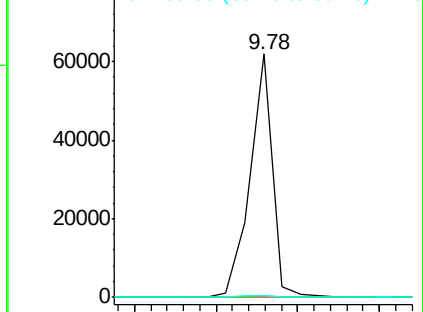
89 0.8 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.36 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

Tgt Ion:165 Resp: 59083

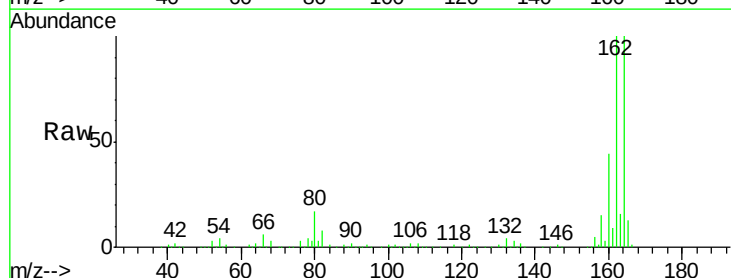
Ion Ratio Lower Upper

165 100

63 0.6 40.2 60.4#

89 0.8 62.5 93.7#

182 0.0 1.8 2.8#

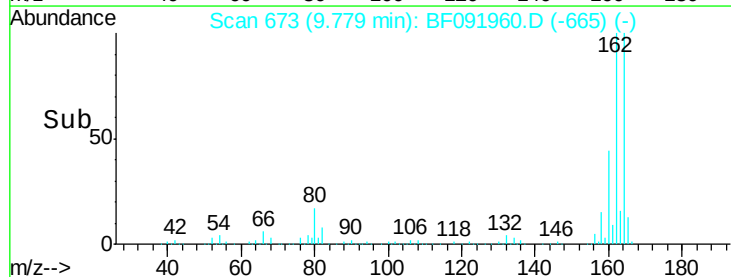
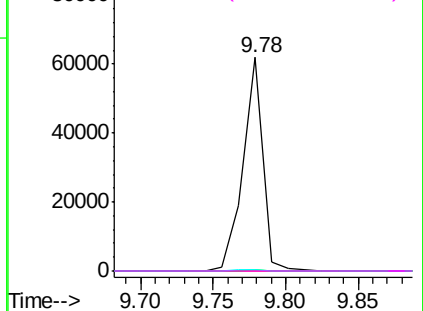


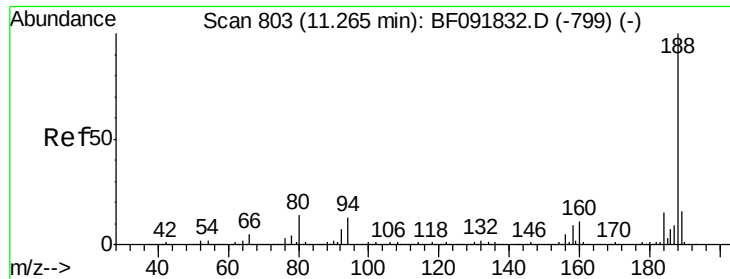
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

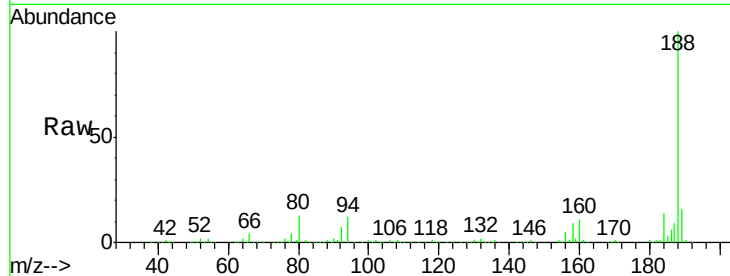




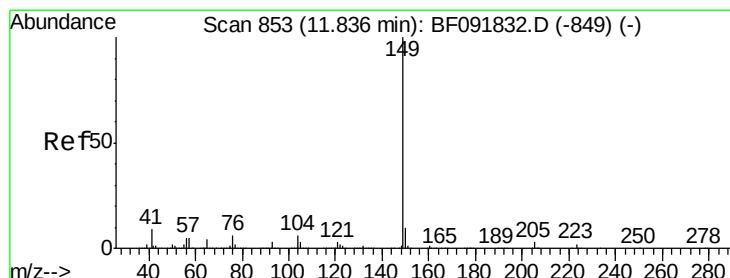
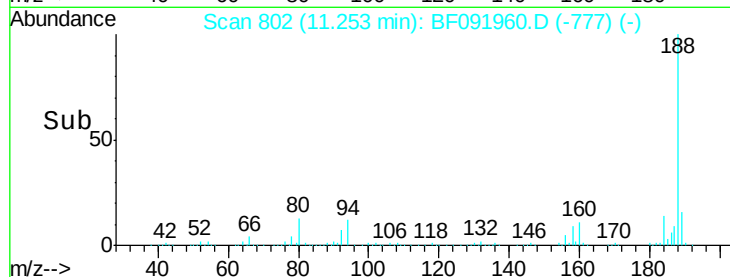
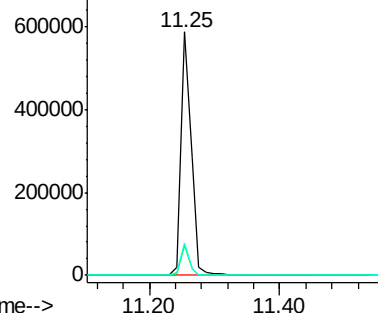
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091960.D
 Acq: 24 Dec 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

Tgt Ion:188 Resp: 641253
 Ion Ratio Lower Upper
 188 100
 94 12.0 10.0 15.0
 80 13.3 11.2 16.8

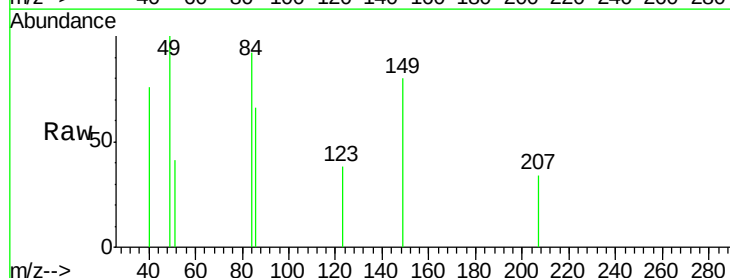


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

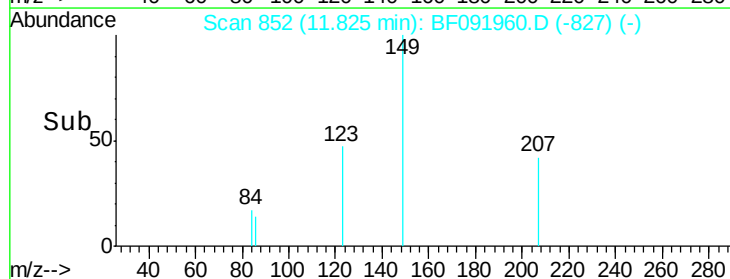
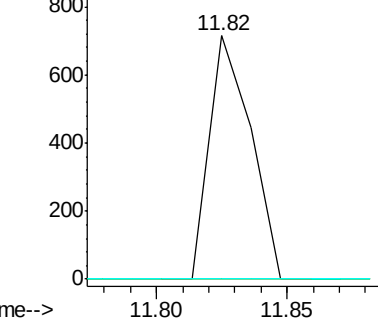


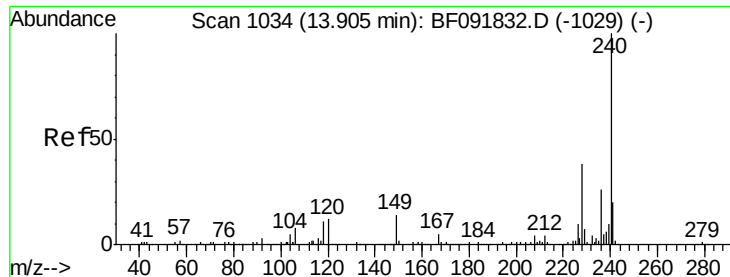
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.82 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF091960.D
 Acq: 24 Dec 2016 9:11

Tgt Ion:149 Resp: 796
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-9DL

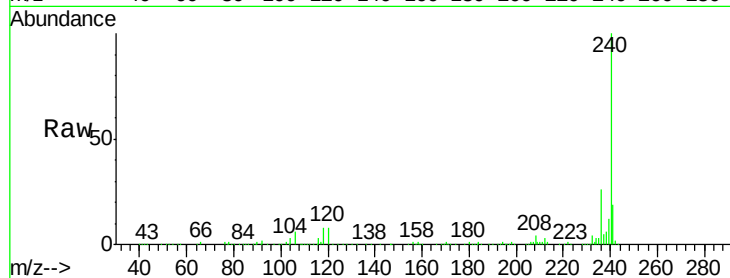
Tgt Ion:240 Resp: 459412

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

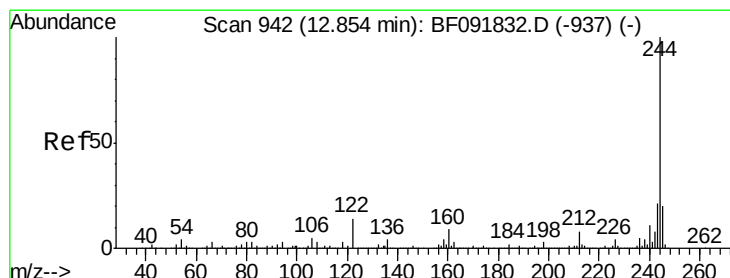
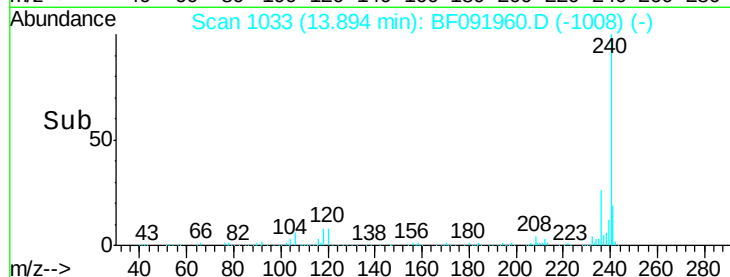
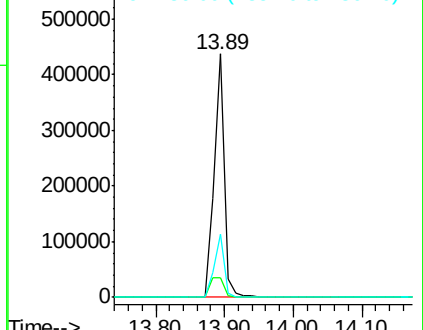
236 25.7 20.9 31.3



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: 5.65 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091960.D

Acq: 24 Dec 2016 9:11

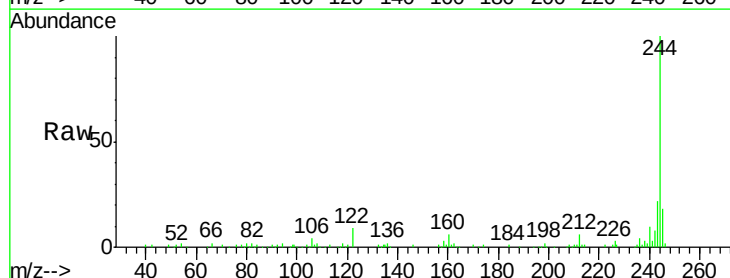
Tgt Ion:244 Resp: 106937

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.2#

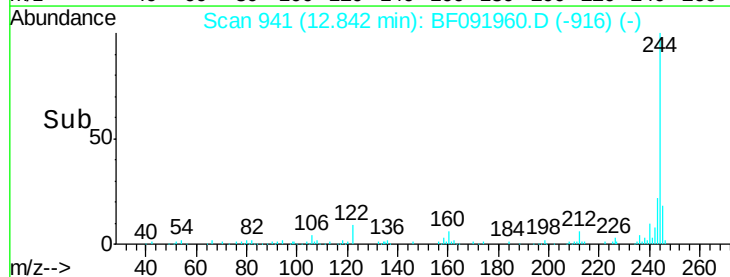
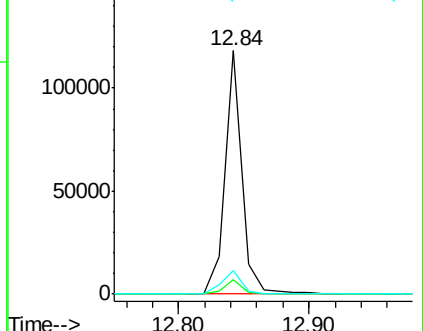
122 9.4 11.4 17.2#

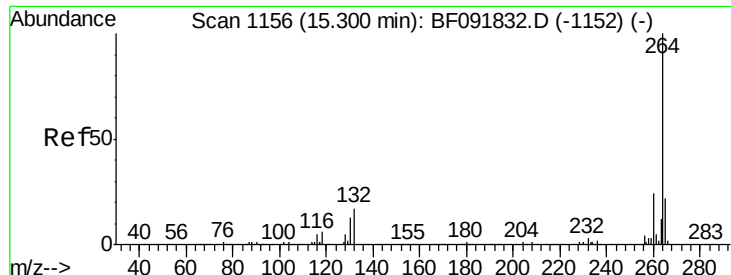


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

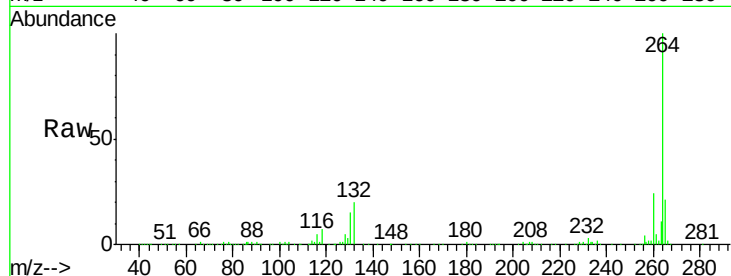




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091960.D
Acq: 24 Dec 2016 9:11

Instrument :
BNA_F
ClientSampleId :
MW-9DL

Tgt Ion: 264 Resp: 432171
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.1 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

