

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082795.D
 Acq On : 7 Nov 2015 7:40
 Operator : UM/IZ
 Sample : G4259-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

Quant Time: Nov 08 23:56:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	236973	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	921043	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	500637	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	823160	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	780753	20.00	ng	-0.01
86) Perylene-d12	15.43	264	534465	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	980008	64.35	ng	0.00
7) Phenol-d6	6.48	99	918219	45.35	ng	0.00
23) Nitrobenzene-d5	7.41	82	1832675	86.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	633623	110.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2872362	82.23	ng	0.00
78) Terphenyl-d14	12.97	244	2714911	82.48	ng	0.00

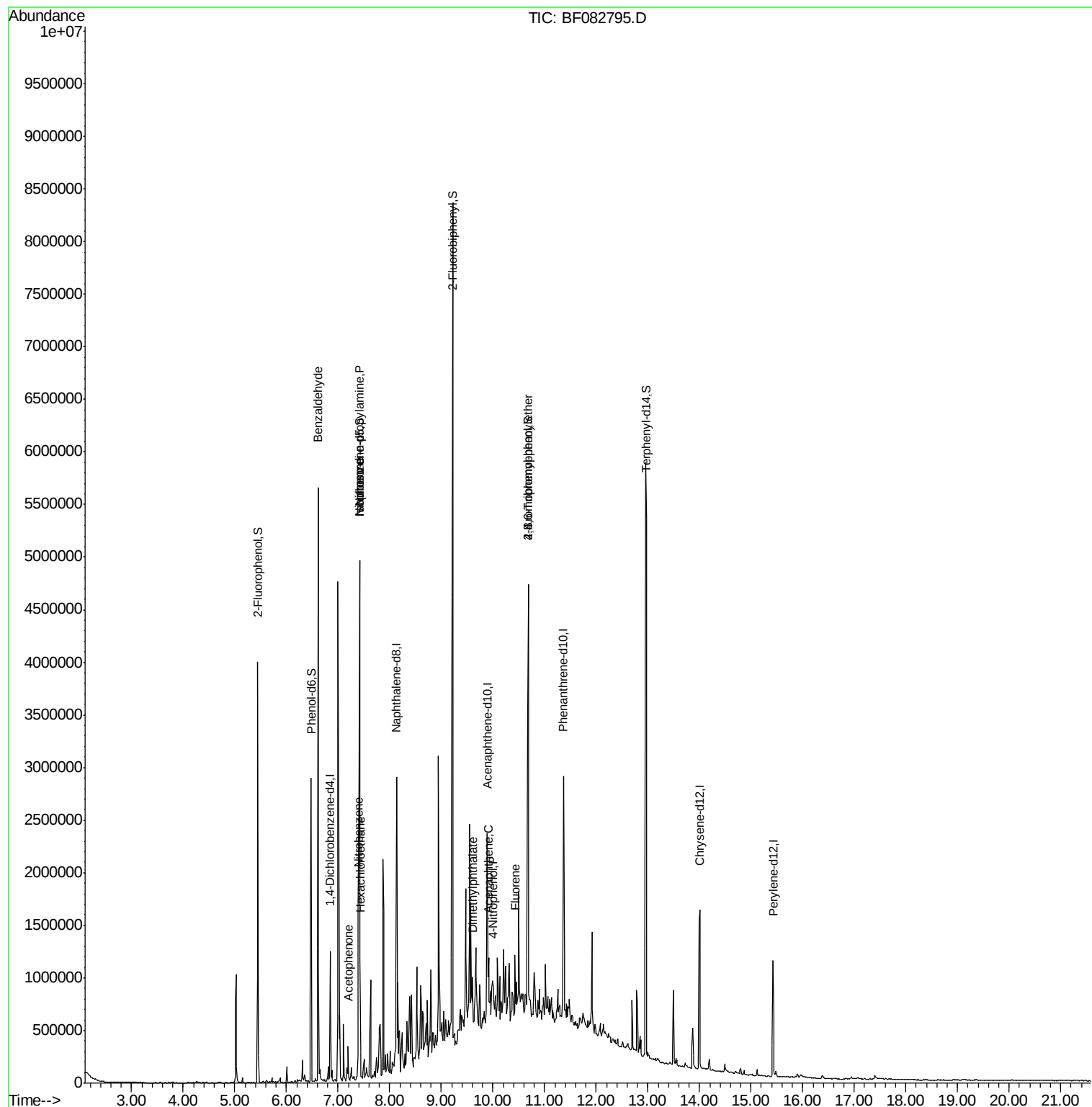
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.61	77	39051	3.49	ng	84
18) Hexachloroethane	7.42	117	408351	57.63	ng	# 9
19) n-Nitroso-di-n-propylamine	7.41	70	260324	17.49	ng	# 69
22) Acetophenone	7.20	105	68958	2.61	ng	# 69
24) Nitrobenzene	7.39	77	43982	2.03	ng	# 18
25) Isophorone	7.41	82	1727352	44.10	ng	# 70
49) Dimethylphthalate	9.61	163	175228	4.27	ng	98
51) Acenaphthene	9.92	154	92384	2.78	ng	96
55) 4-Nitrophenol	10.00	139	15208	2.06	ng	# 63
57) Fluorene	10.43	166	126586	3.48	ng	98
66) 4-Bromophenyl-phenylether	10.68	248	45105	4.55	ng	# 1

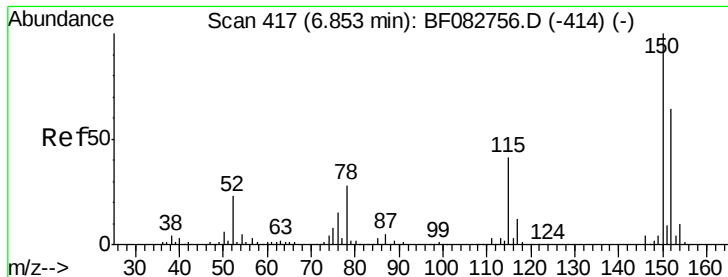
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
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MW-02-110315

Quant Time: Nov 08 23:56:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

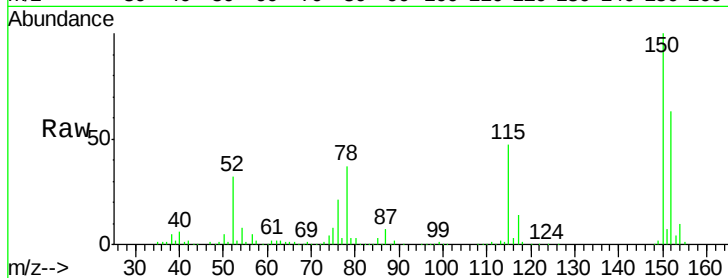
Tgt Ion:152 Resp: 236973

Ion Ratio Lower Upper

152 100

150 159.5 127.0 190.4

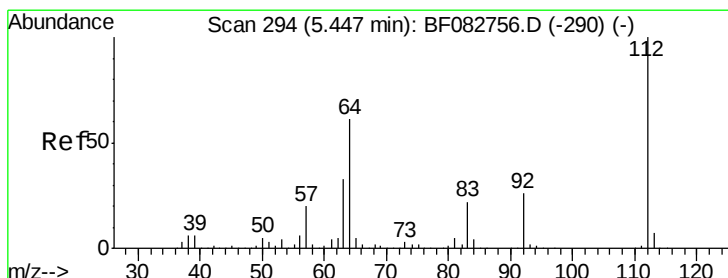
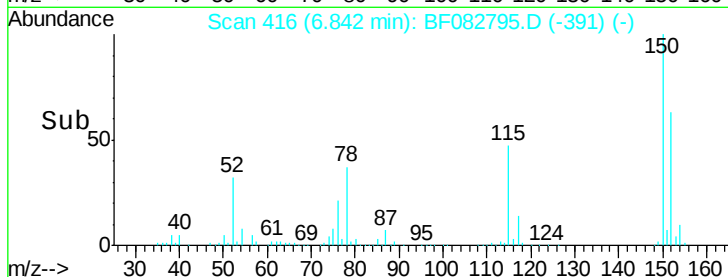
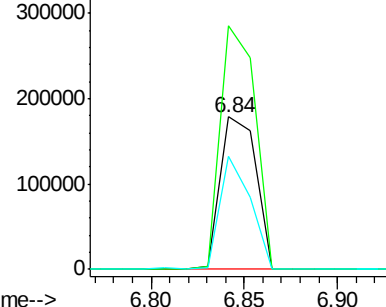
115 74.2 47.0 70.6#



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: 64.35 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

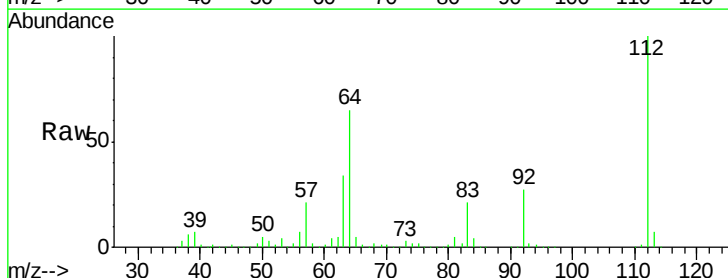
Tgt Ion:112 Resp: 980008

Ion Ratio Lower Upper

112 100

64 65.4 48.9 73.3

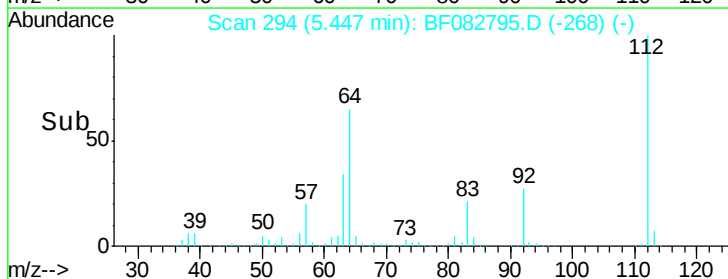
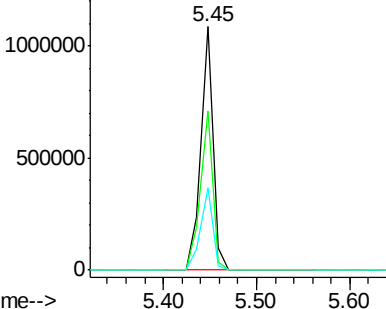
63 33.7 28.1 42.1

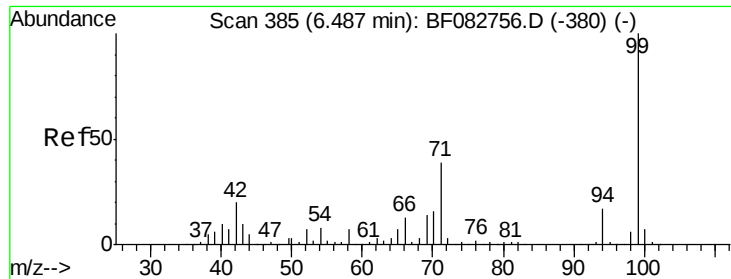


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.35 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

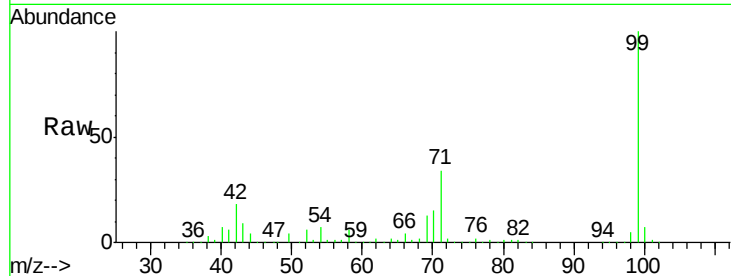
Tgt Ion: 99 Resp: 918219

Ion Ratio Lower Upper

99 100

42 17.6 19.2 28.8#

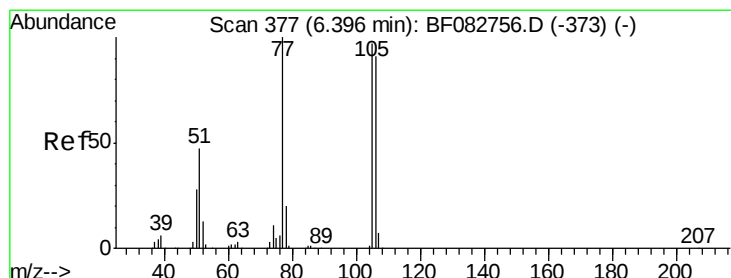
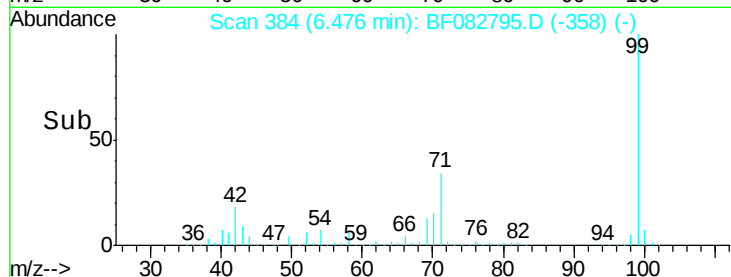
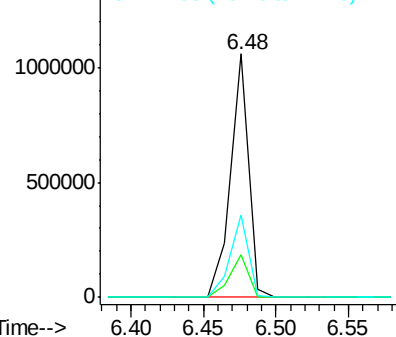
71 34.0 35.0 52.4#



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: 3.49 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

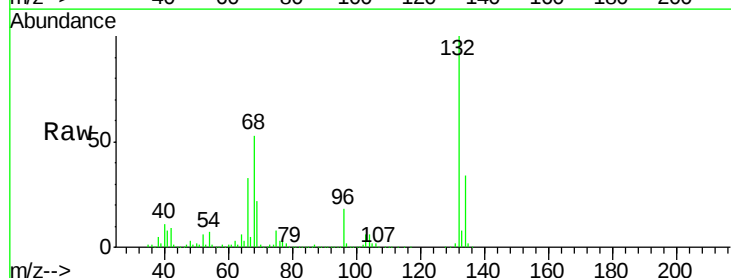
Tgt Ion: 77 Resp: 39051

Ion Ratio Lower Upper

77 100

105 71.1 63.5 103.5

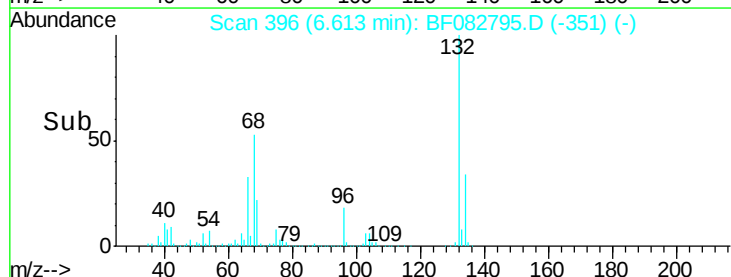
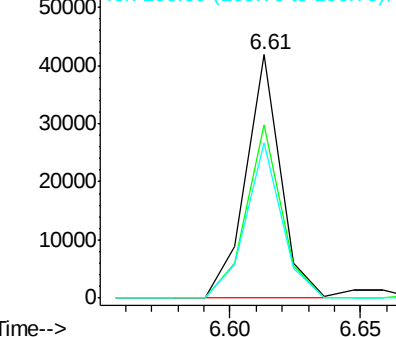
106 63.6 59.3 99.3

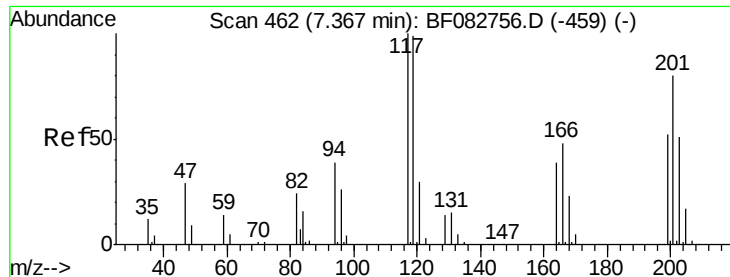


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

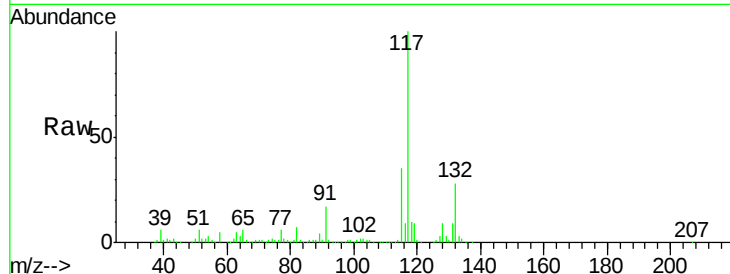




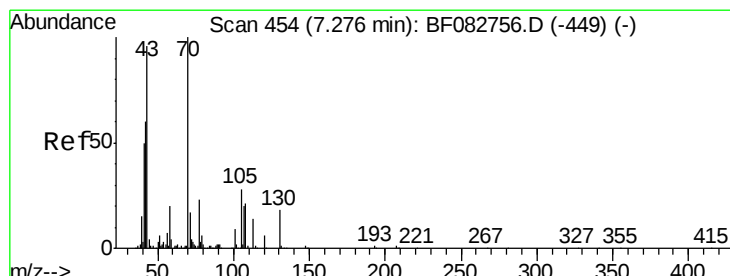
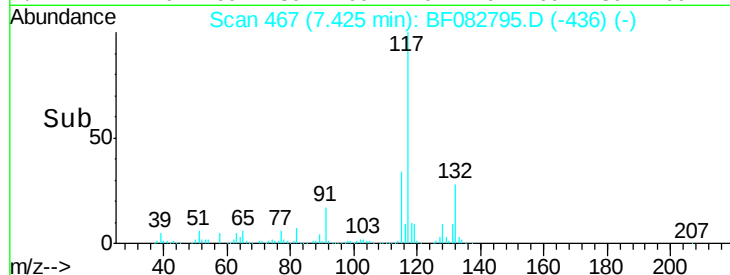
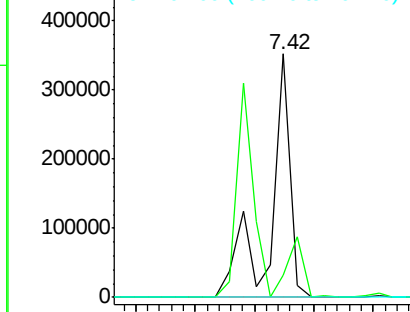
#18
Hexachloroethane
Concen: 57.63 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.06 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

Tgt Ion: 117 Resp: 408351
Ion Ratio Lower Upper
117 100
119 9.3 77.7 116.5#
201 0.0 66.7 100.1#

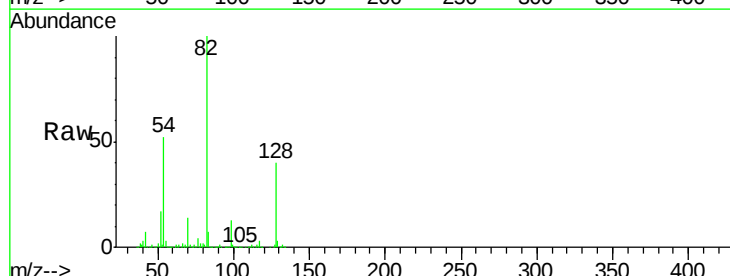


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

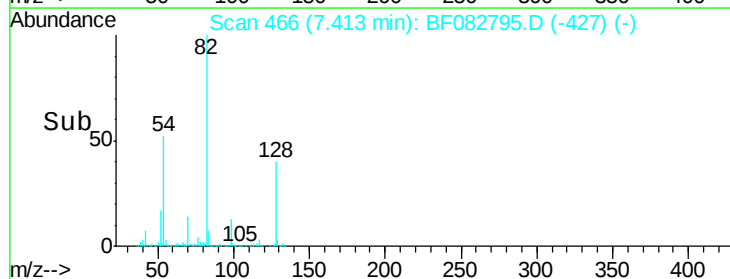
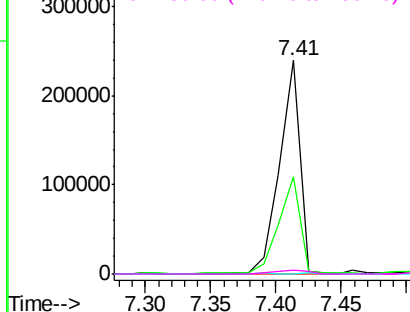


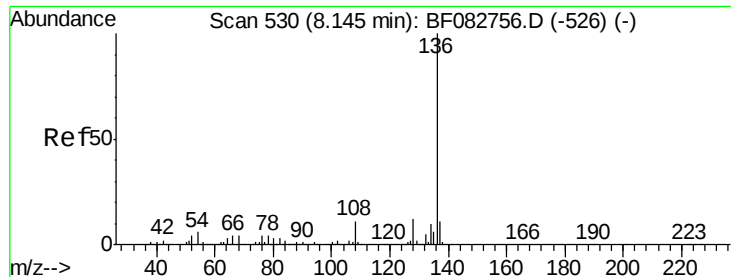
#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Tgt Ion: 70 Resp: 260324
Ion Ratio Lower Upper
70 100
42 45.5 57.7 86.5#
101 0.3 7.0 10.6#
130 2.0 11.8 17.6#



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

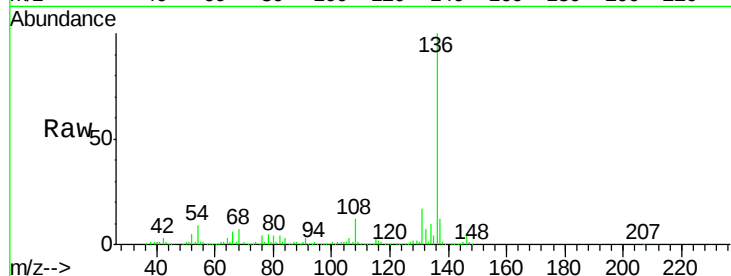




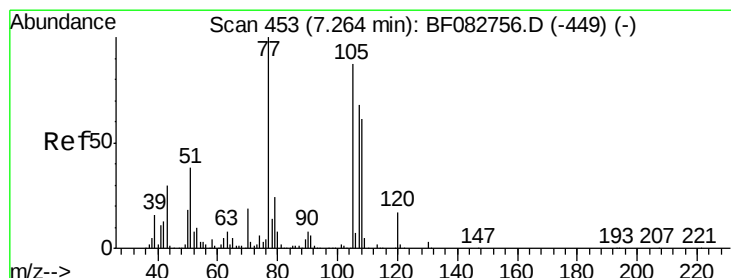
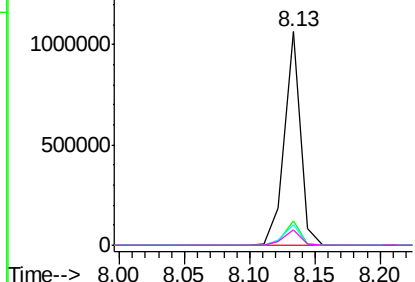
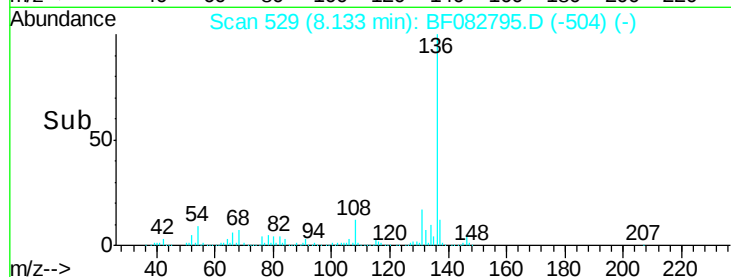
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

Tgt Ion:	136	Resp:	921043
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.4	9.1	13.7
68	7.1	4.8	7.2

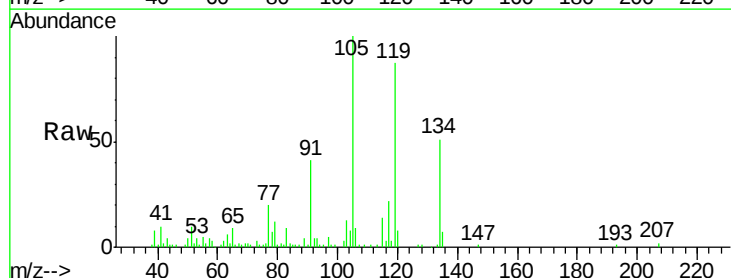


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

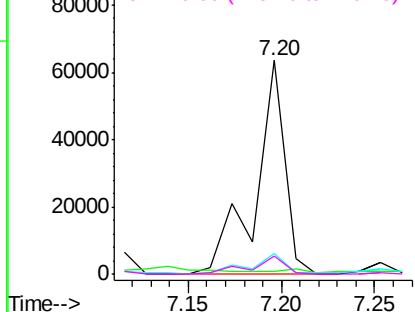
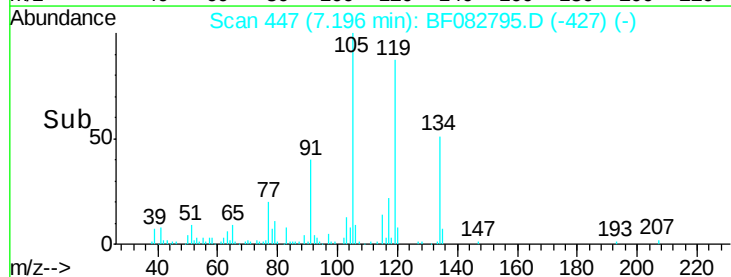


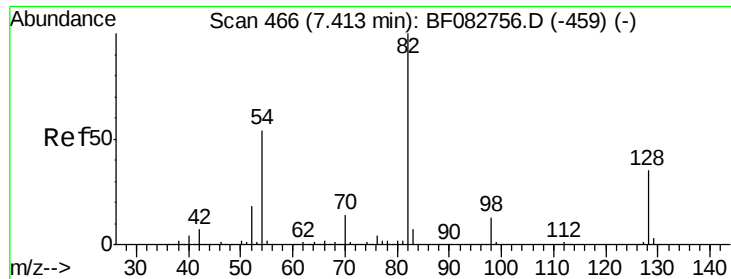
#22
Acetophenone
Concen: 2.61 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.07 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Tgt Ion:	105	Resp:	68958
Ion	Ratio	Lower	Upper
105	100		
71	1.4	5.6	8.4#
51	9.7	24.9	37.3#
120	8.2	15.8	23.8#



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

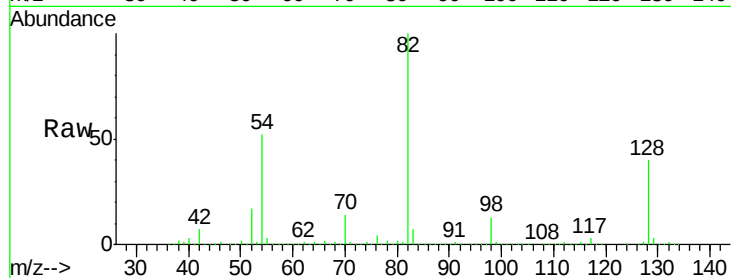




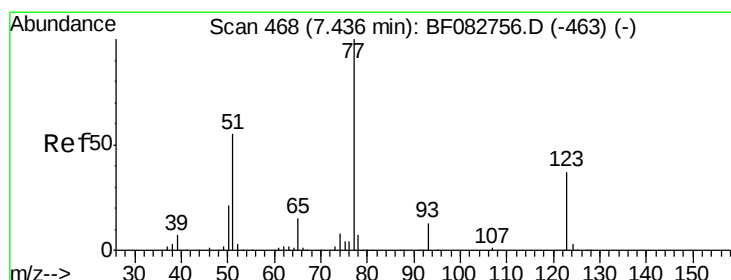
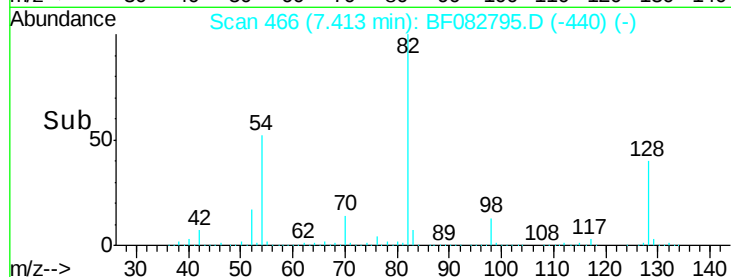
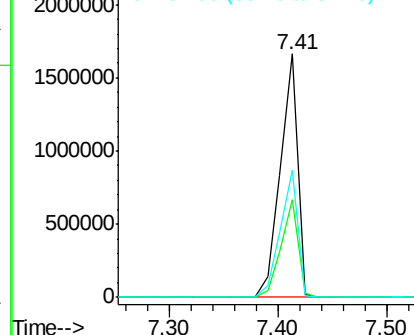
#23
Nitrobenzene-d5
Concen: 86.58 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

Tgt Ion: 82 Resp: 1832675
Ion Ratio Lower Upper
82 100
128 40.0 26.8 40.2
54 52.1 45.7 68.5

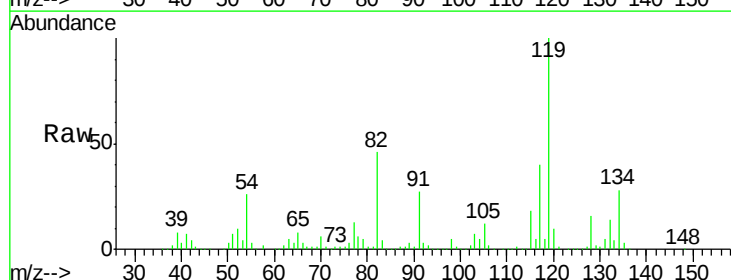


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

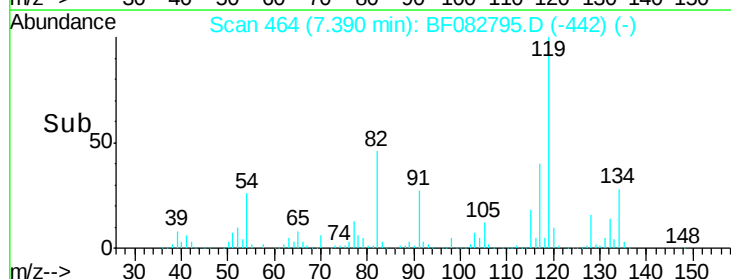
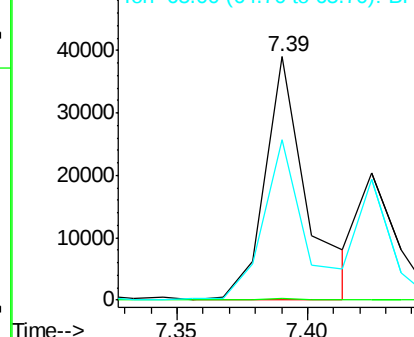


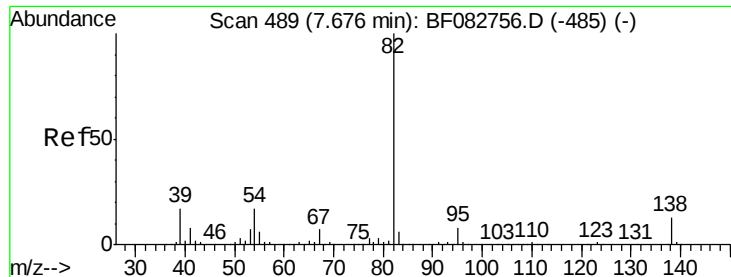
#24
Nitrobenzene
Concen: 2.03 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.05 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Tgt Ion: 77 Resp: 43982
Ion Ratio Lower Upper
77 100
123 0.8 36.4 54.6#
65 65.7 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.10 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

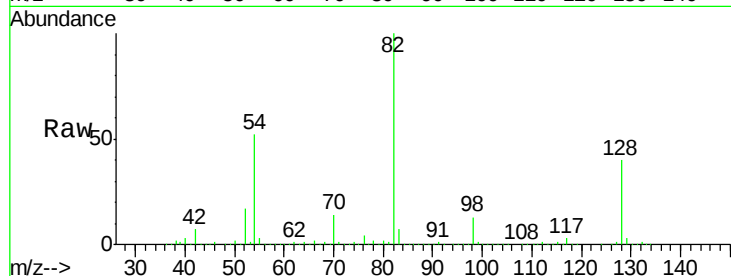
Tgt Ion: 82 Resp: 1727352

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

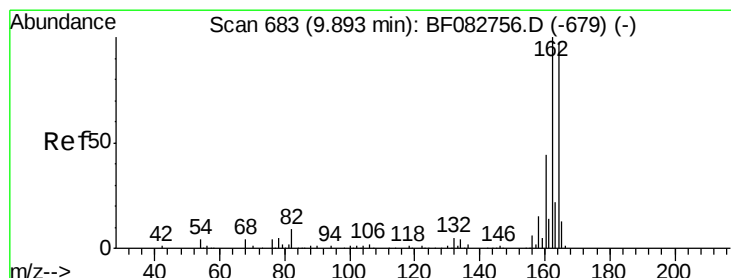
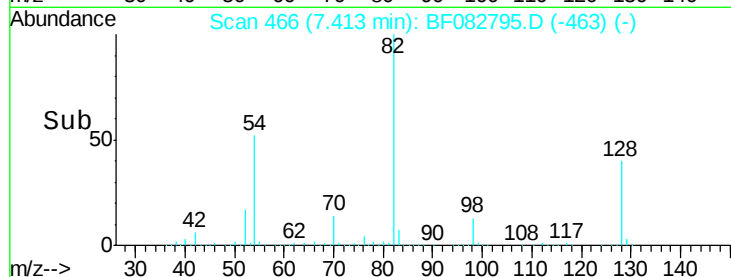
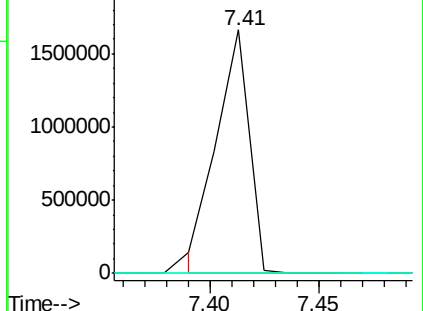
138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

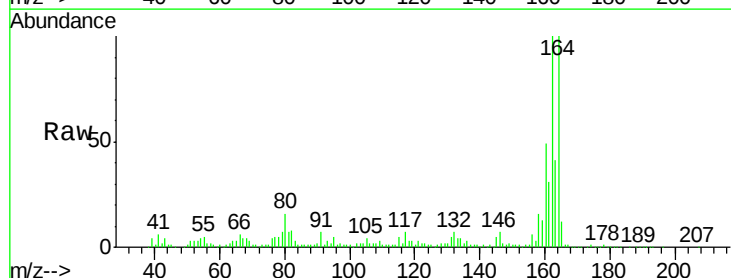
Tgt Ion:164 Resp: 500637

Ion Ratio Lower Upper

164 100

162 100.3 84.9 127.3

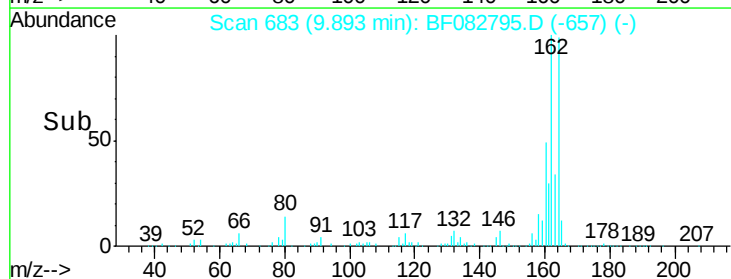
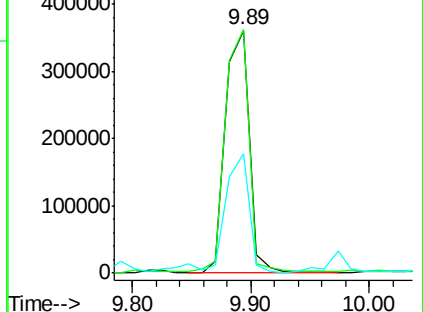
160 49.2 37.5 56.3

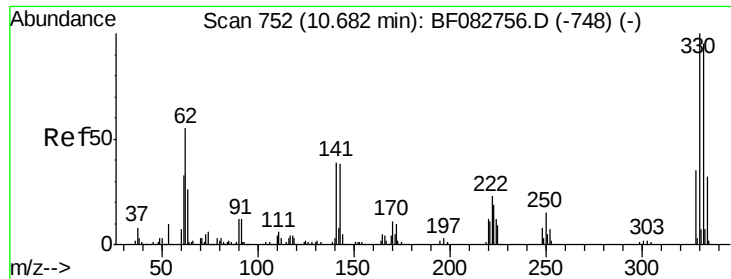


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

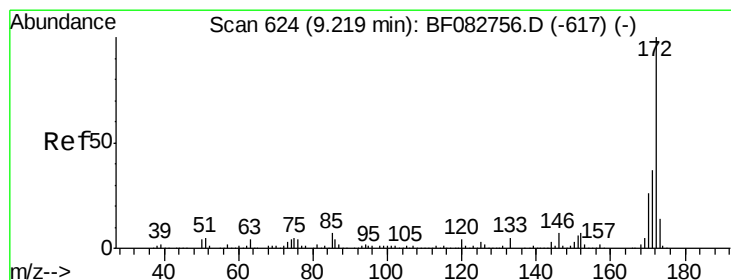
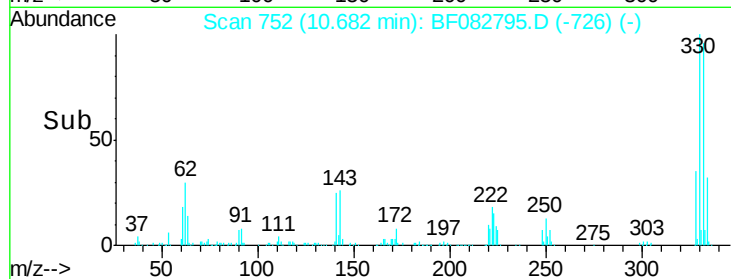
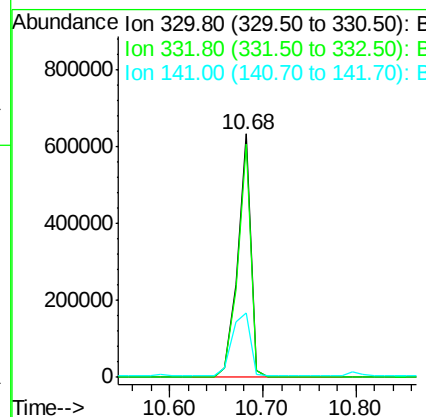
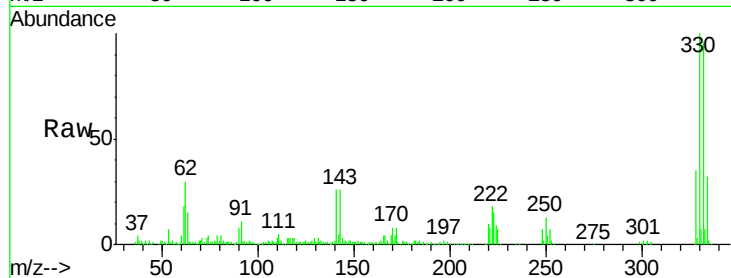




#41
 2,4,6-Tribromophenol
 Concen: 110.38 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082795.D
 Acq: 7 Nov 2015 7:40

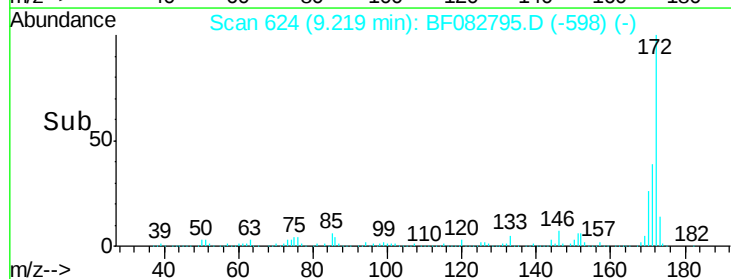
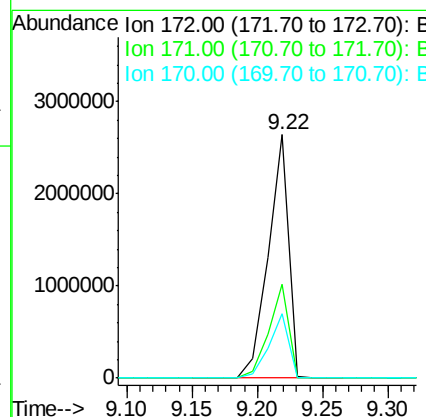
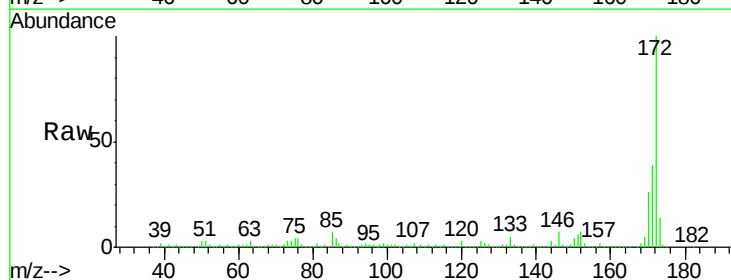
Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

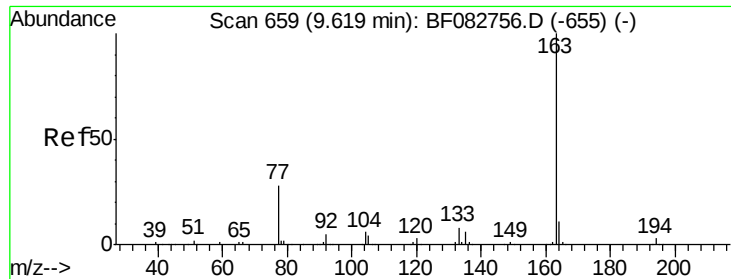
Tgt Ion:330 Resp: 633623
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 36.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082795.D
 Acq: 7 Nov 2015 7:40

Tgt Ion:172 Resp: 2872362
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.8 46.2
 170 26.5 21.2 31.8

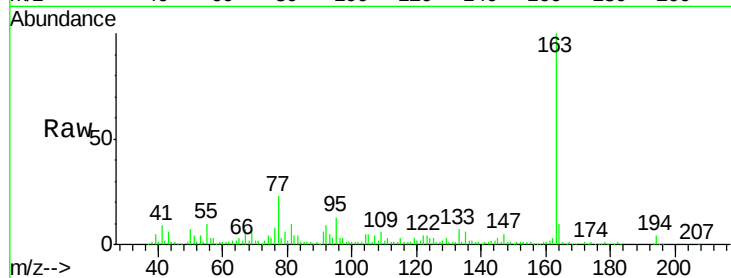




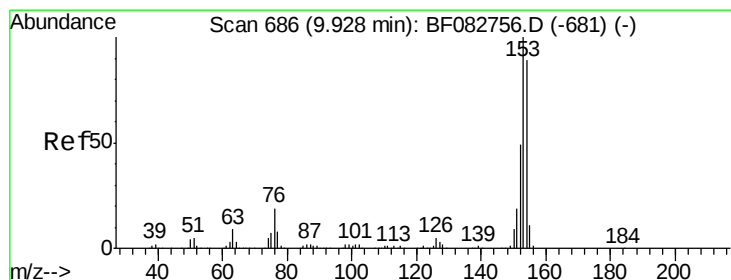
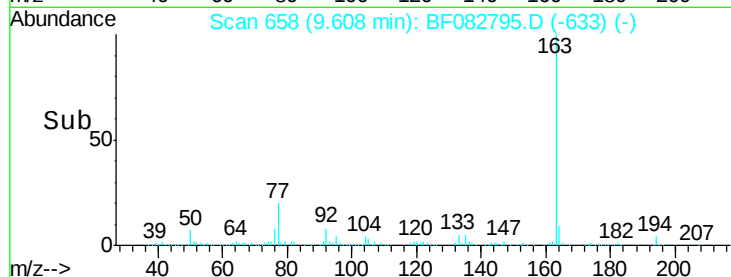
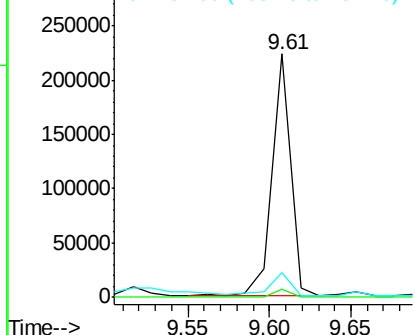
#49
Dimethylphthalate
Concen: 4.27 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

Tgt Ion:163 Resp: 175228
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.7 13.1

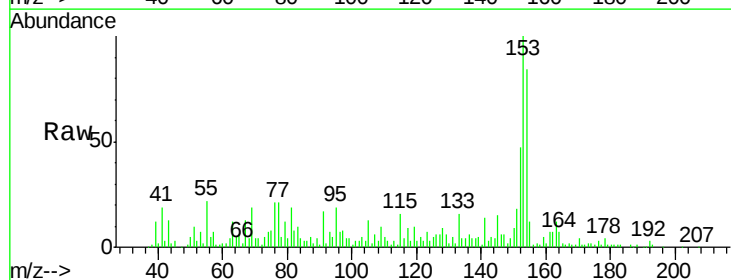


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

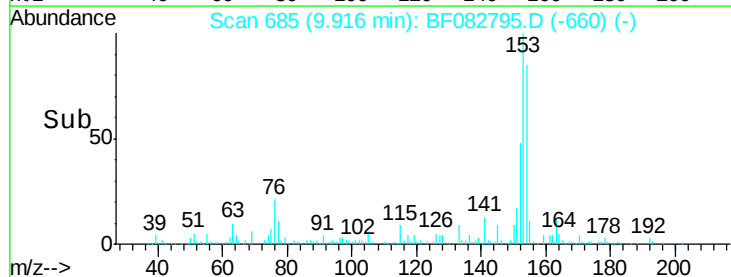
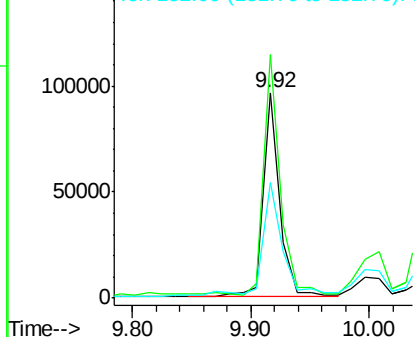


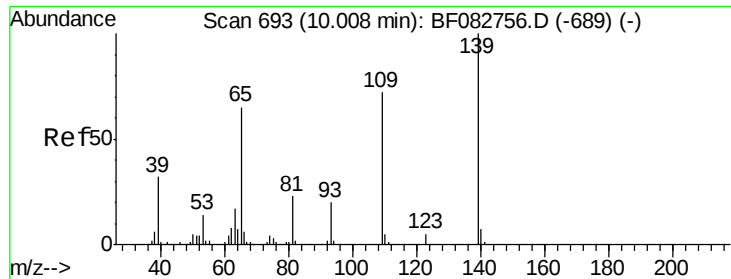
#51
Acenaphthene
Concen: 2.78 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Tgt Ion:154 Resp: 92384
Ion Ratio Lower Upper
154 100
153 118.4 90.1 135.1
152 56.2 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

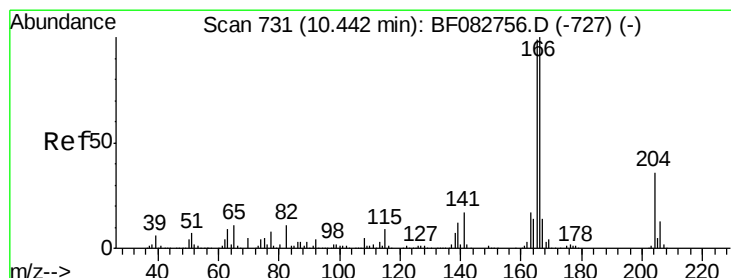
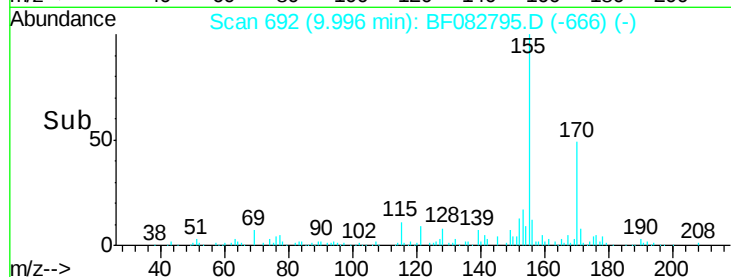
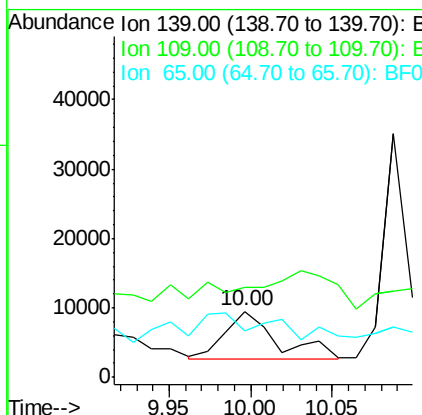
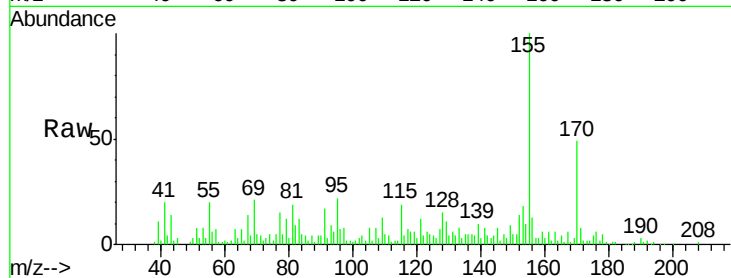




#55
4-Nitrophenol
Concen: 2.06 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

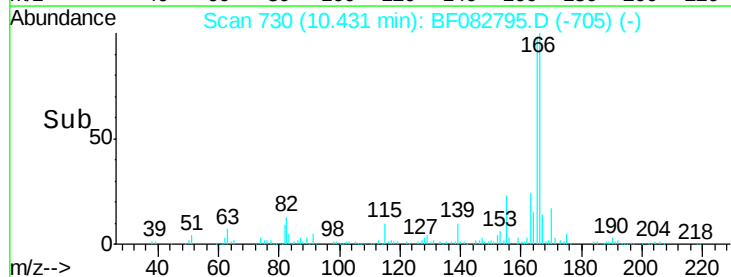
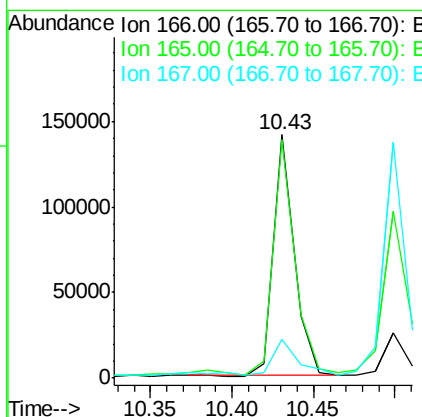
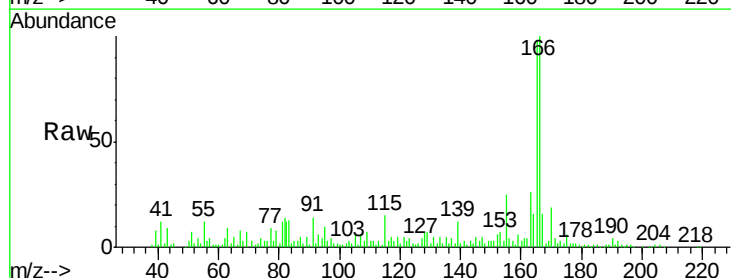
Instrument :
BNA_F
ClientSampleId :
MW-02-110315

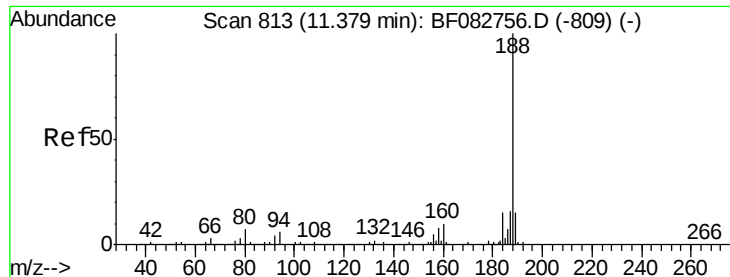
Tgt Ion:139 Resp: 15208
Ion Ratio Lower Upper
139 100
109 135.7 73.7 113.7#
65 71.0 82.9 122.9#



#57
Fluorene
Concen: 3.48 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Tgt Ion:166 Resp: 126586
Ion Ratio Lower Upper
166 100
165 98.2 80.2 120.4
167 15.9 11.2 16.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

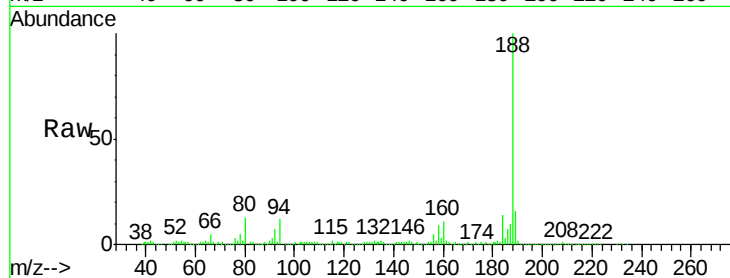
Tgt Ion:188 Resp: 823160

Ion Ratio Lower Upper

188 100

94 12.2 6.1 9.1#

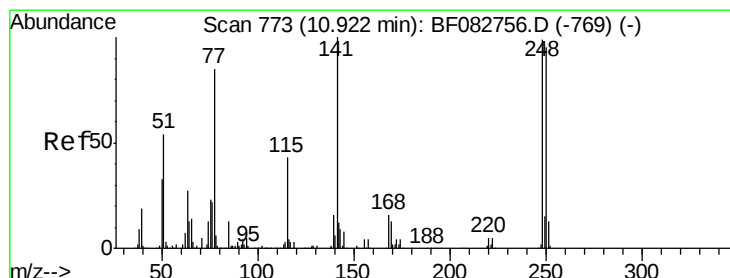
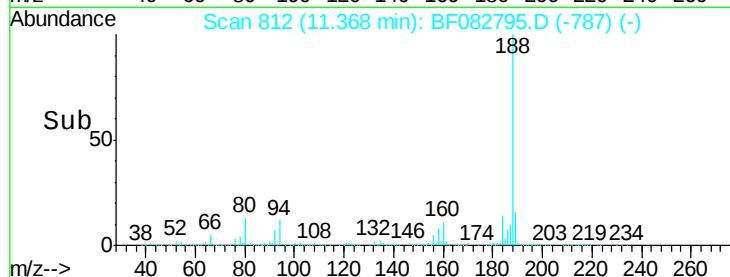
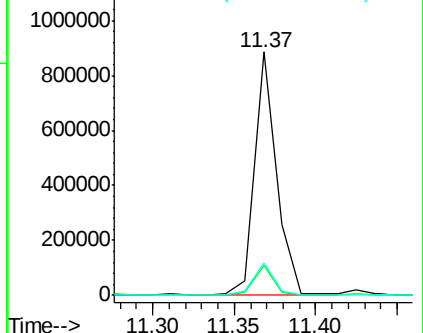
80 13.1 7.0 10.6#



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: 4.55 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

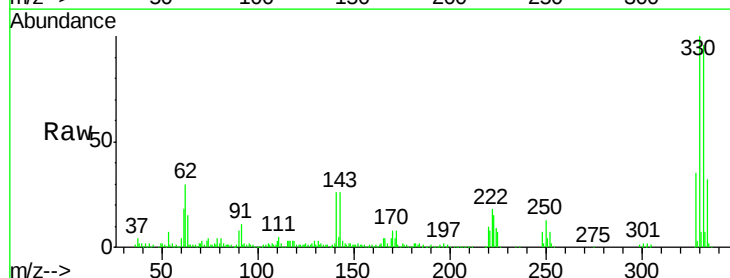
Tgt Ion:248 Resp: 45105

Ion Ratio Lower Upper

248 100

250 192.7 79.4 119.2#

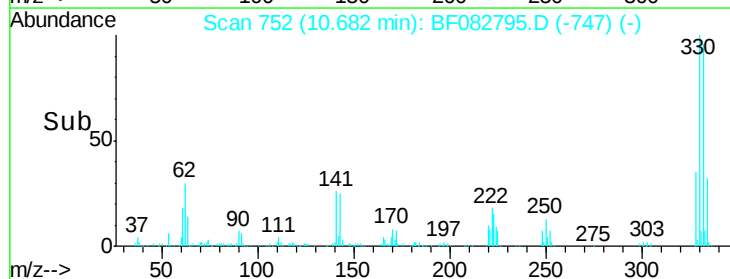
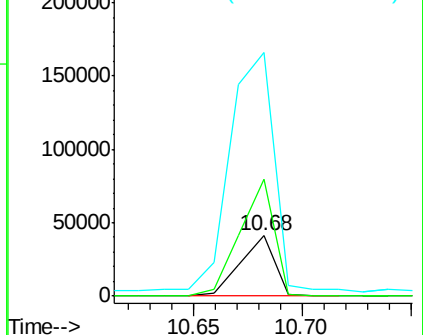
141 402.2 36.3 54.5#

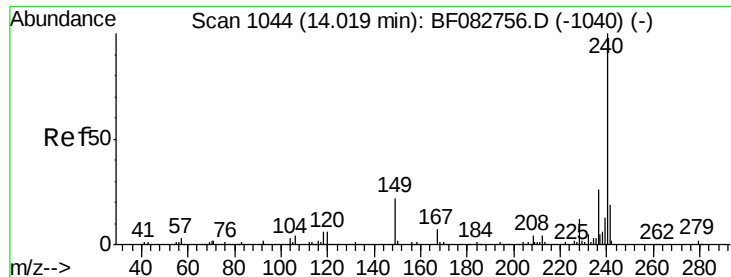


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

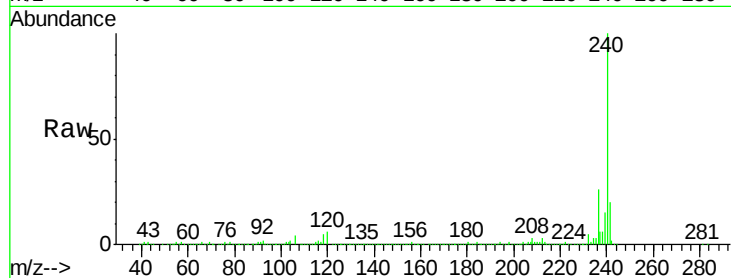
BNA_F

ClientSampleId :

MW-02-110315

Tgt Ion:240 Resp: 780753

Ion	Ratio	Lower	Upper
240	100		
120	6.3	10.9	16.3#
236	26.0	21.6	32.4

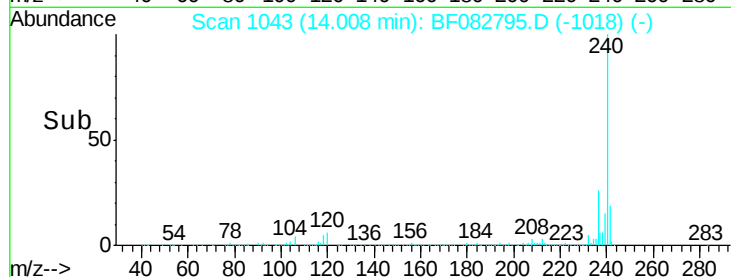


Abundance Ion 240.00 (239.70 to 240.70): E

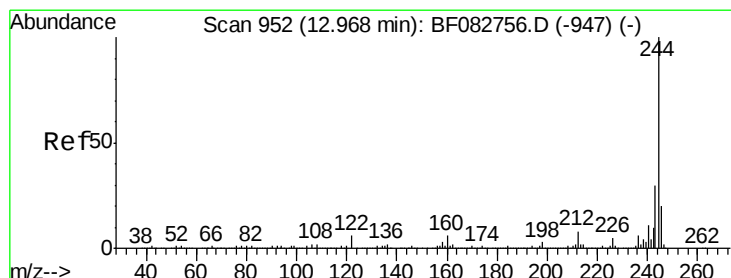
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.01



Time-->



#78

Terphenyl-d14

Concen: 82.48 ng

RT: 12.97 min Scan# 952

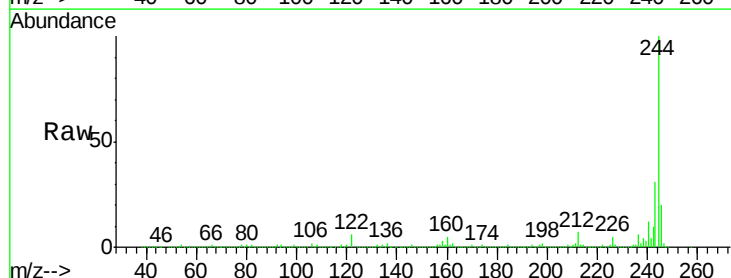
Delta R.T. 0.00 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Tgt Ion:244 Resp: 2714911

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.6	11.4#
122	5.6	11.3	16.9#

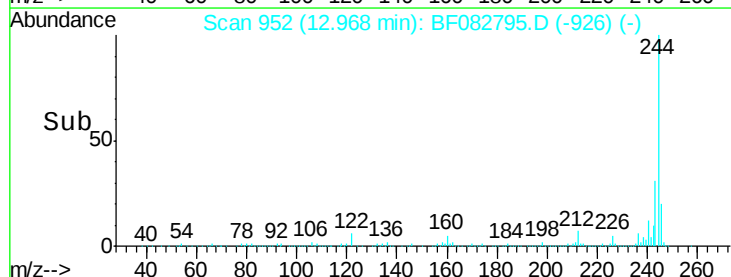


Abundance Ion 244.00 (243.70 to 244.70): E

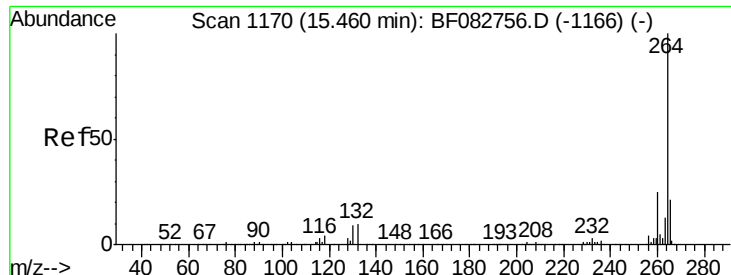
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.97



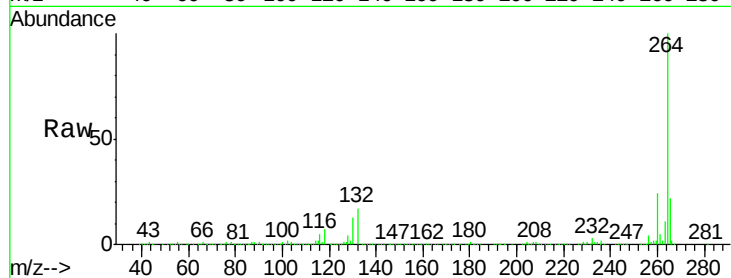
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.6	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

