

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083796.D
 Acq On : 15 Dec 2015 4:01
 Operator : UM/IZ
 Sample : G4779-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-46

Quant Time: Dec 15 06:14:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

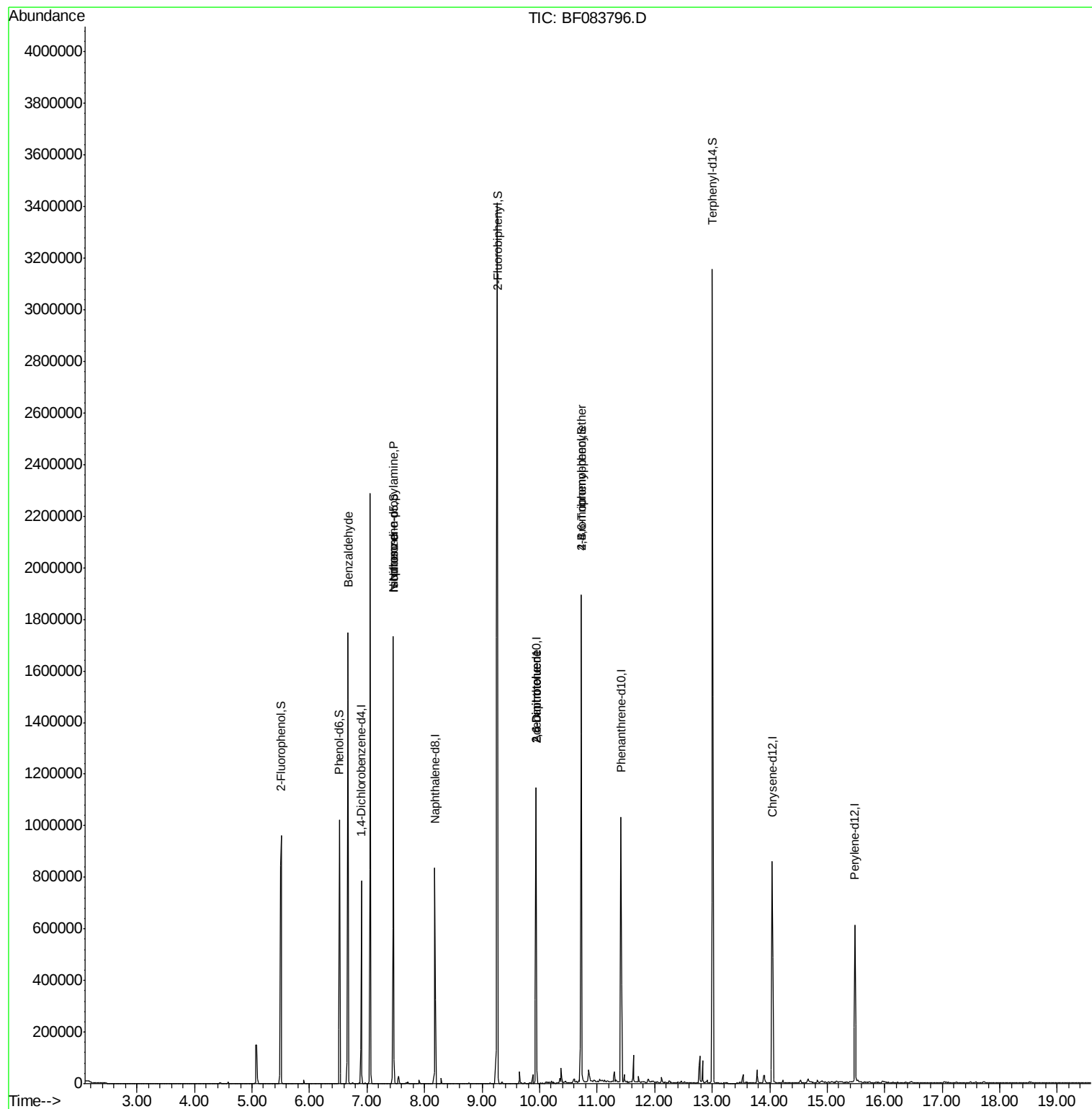
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	113176	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	418704	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	227629	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	392808	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	345423	20.00	ng	-0.03
86) Perylene-d12	15.48	264	270546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	396300	56.49	ng	-0.02
7) Phenol-d6	6.52	99	331905	37.36	ng	-0.02
23) Nitrobenzene-d5	7.46	82	586863	78.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	321890	138.78	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1226020	76.59	ng	-0.02
78) Terphenyl-d14	13.00	244	1231836	76.71	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	14904	3.12	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.46	70	79744	14.66	ng	# 71
25) Isophorone	7.46	82	581594	39.61	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	28521	7.57	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	28522	5.80	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	21858	4.98	ng	# 1

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

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QLast Update : Mon Dec 14 01:30:12 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

Instrument :

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ClientSampleId :

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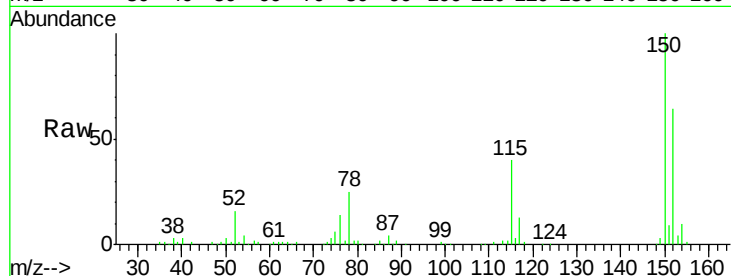
Tgt Ion:152 Resp: 113176

Ion Ratio Lower Upper

152 100

150 155.4 126.5 189.7

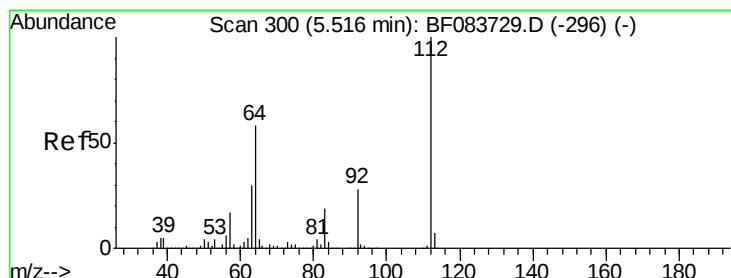
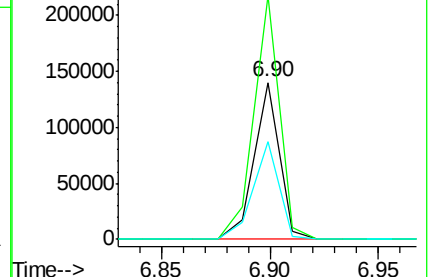
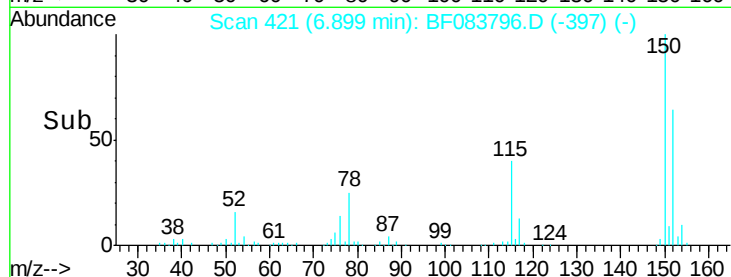
115 62.6 52.3 78.5



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: 56.49 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

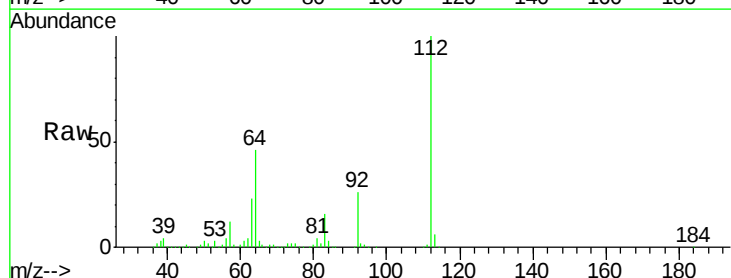
Tgt Ion:112 Resp: 396300

Ion Ratio Lower Upper

112 100

64 46.2 50.5 75.7#

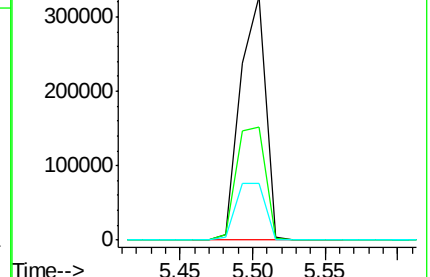
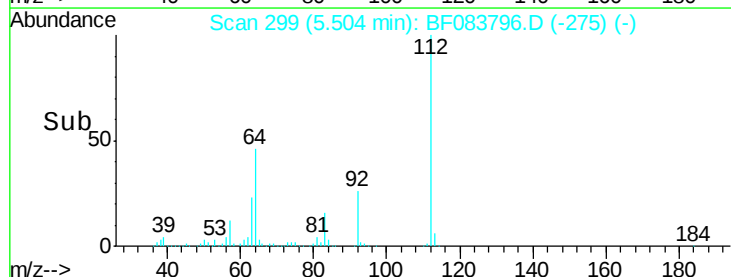
63 23.3 25.8 38.6#



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: 37.36 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

Instrument :

BNA_F

ClientSampled :

W-46

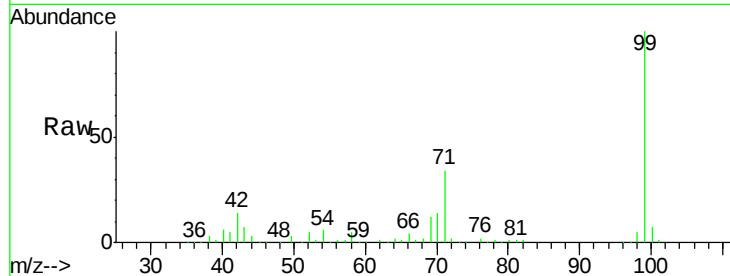
Tgt Ion: 99 Resp: 331905

Ion Ratio Lower Upper

99 100

42 14.3 17.3 25.9#

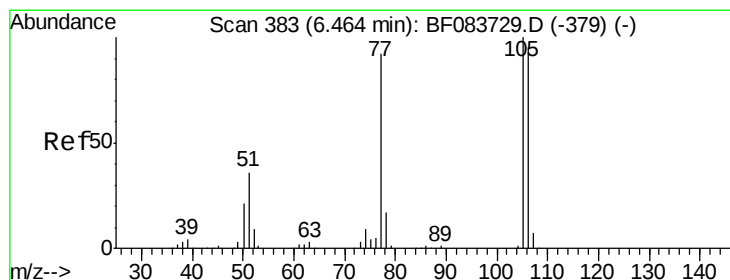
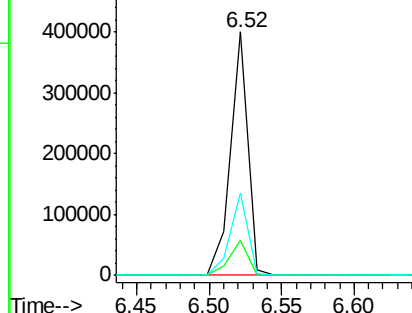
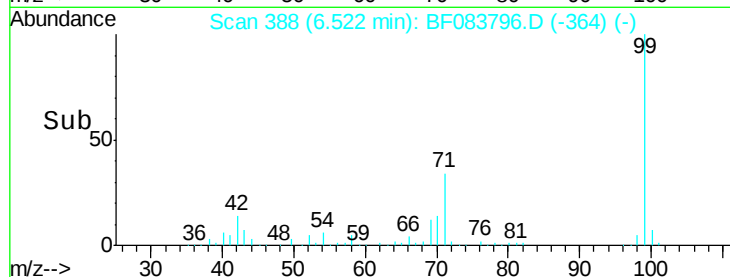
71 33.7 26.6 40.0



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: 3.12 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

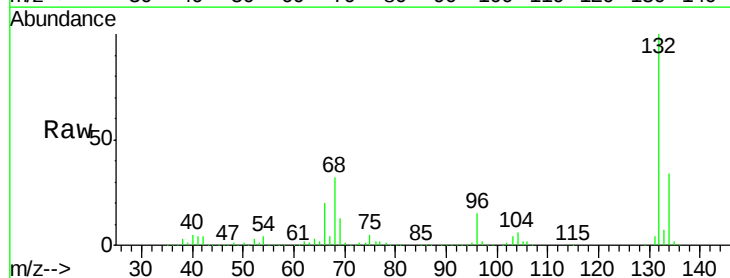
Tgt Ion: 77 Resp: 14904

Ion Ratio Lower Upper

77 100

105 92.5 71.8 111.8

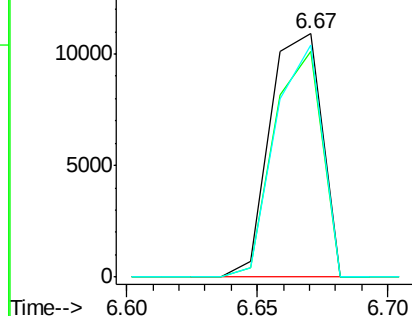
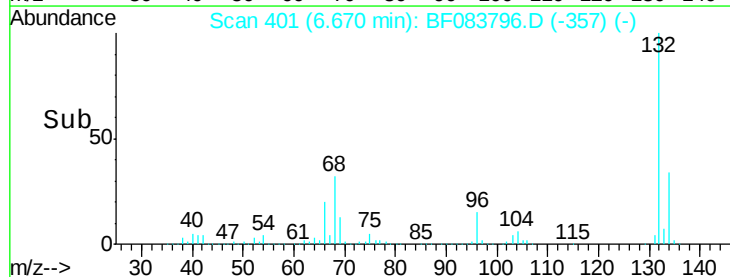
106 95.2 66.8 106.8

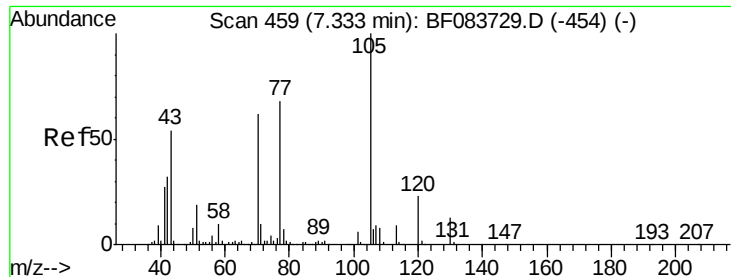


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

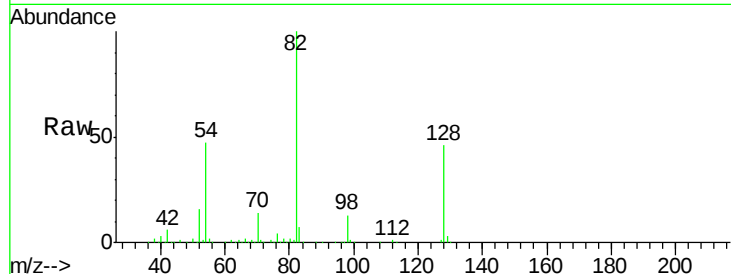




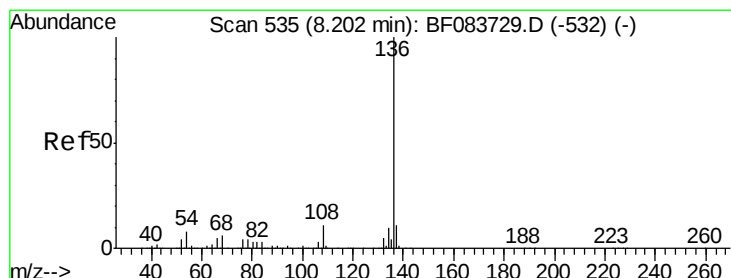
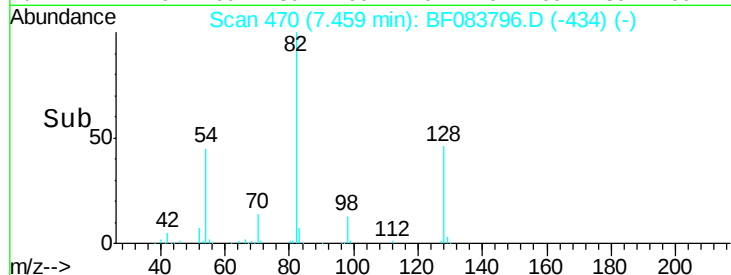
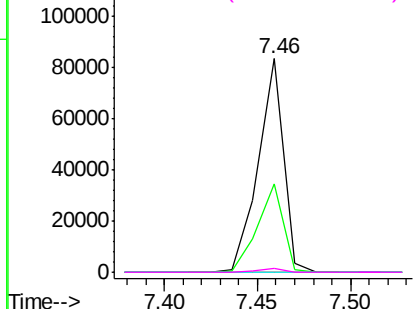
#19
n-Nitroso-di-n-propylamine
Concen: 14.66 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 70 Resp: 79744
Ion Ratio Lower Upper
70 100
42 41.1 49.2 73.8#
101 0.0 7.1 10.7#
130 2.0 15.4 23.0#

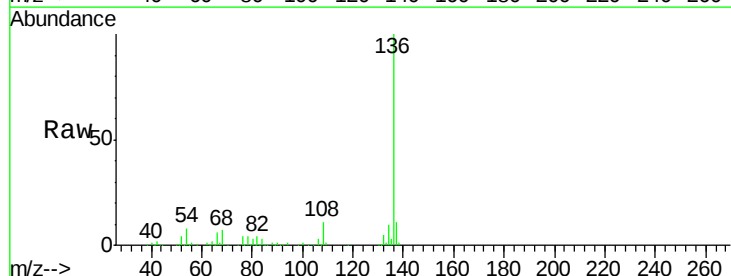


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

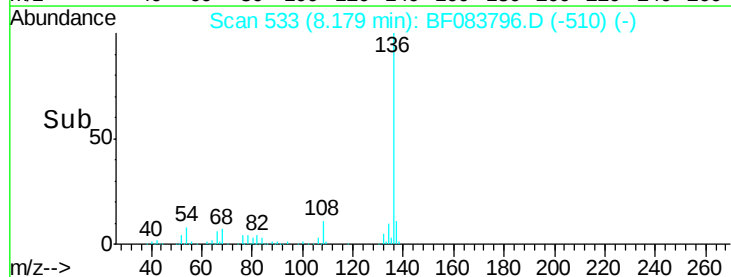
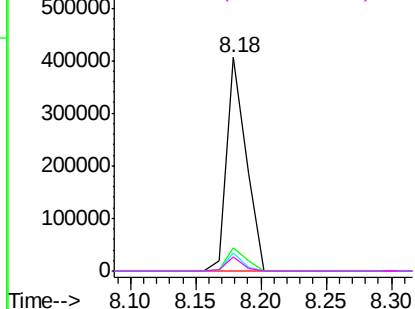


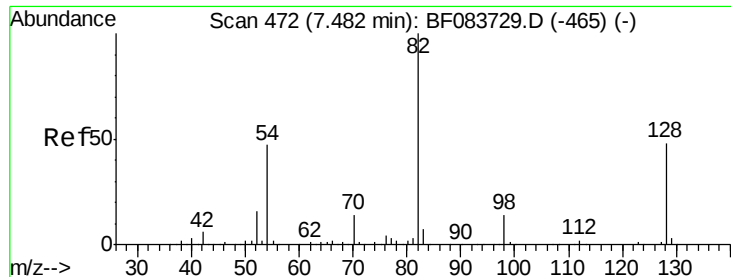
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

Tgt Ion: 136 Resp: 418704
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.3 7.8 11.6
68 6.6 5.7 8.5



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





#23

Nitrobenzene-d5

Concen: 78.42 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

Instrument :

BNA_F

ClientSampleId :

W-46

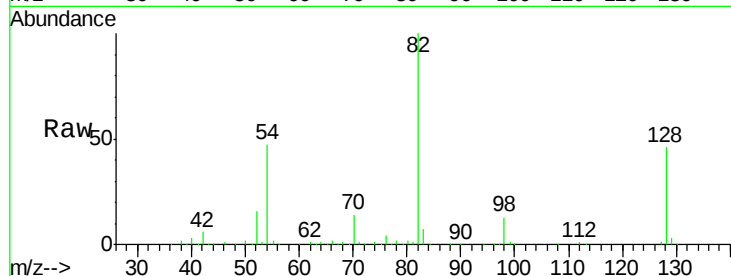
Tgt Ion: 82 Resp: 586863

Ion Ratio Lower Upper

82 100

128 46.2 30.7 46.1#

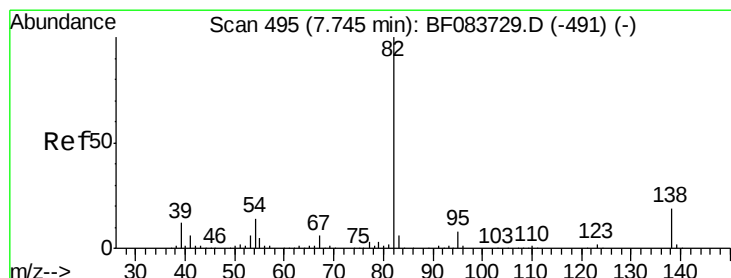
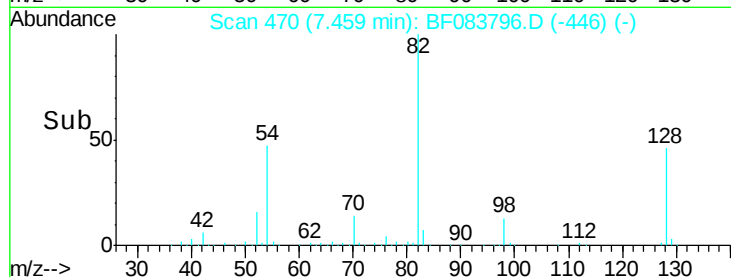
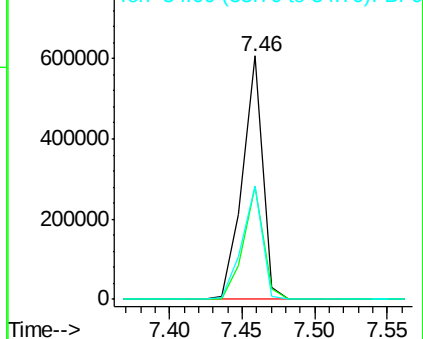
54 46.6 42.5 63.7



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



#25

Isophorone

Concen: 39.61 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

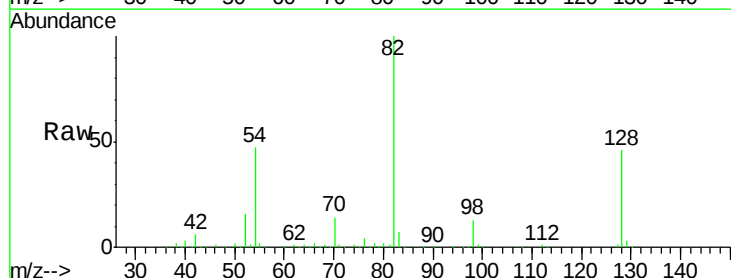
Tgt Ion: 82 Resp: 581594

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

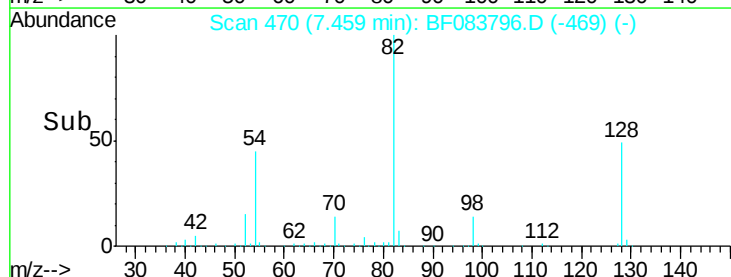
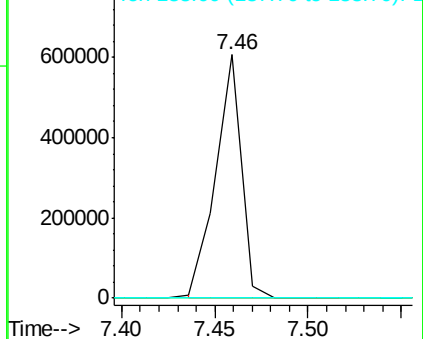
138 0.0 12.1 18.1#

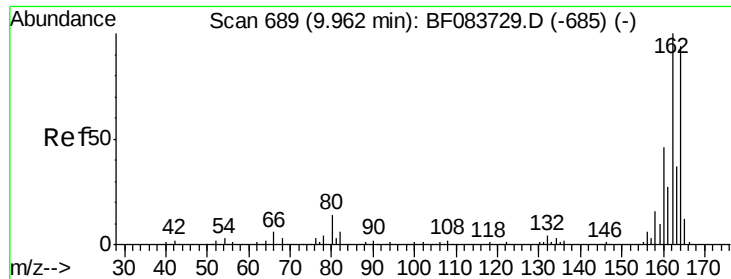


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

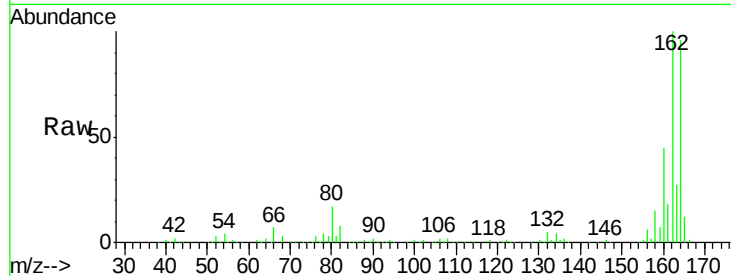




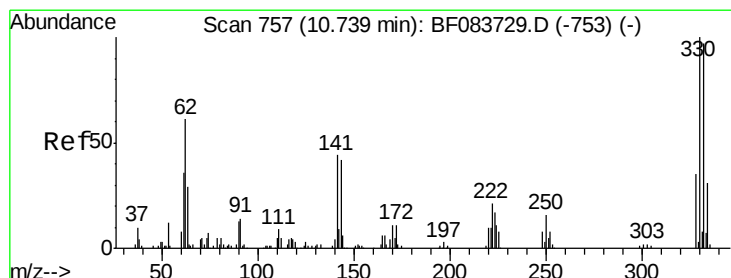
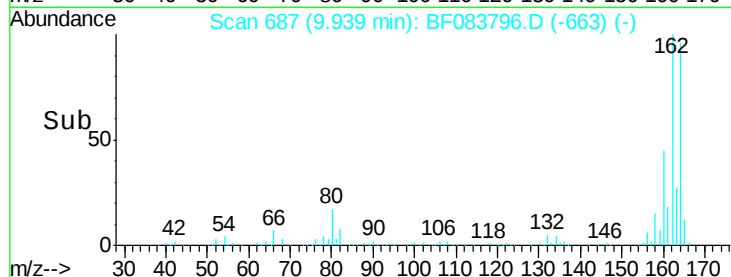
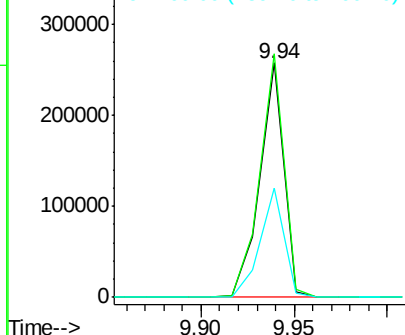
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

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Tgt Ion:164 Resp: 227629
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 46.6 33.4 50.2

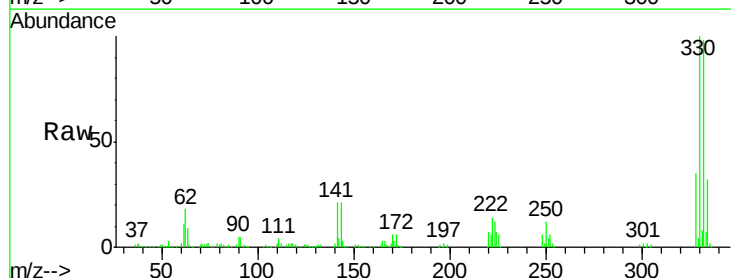


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

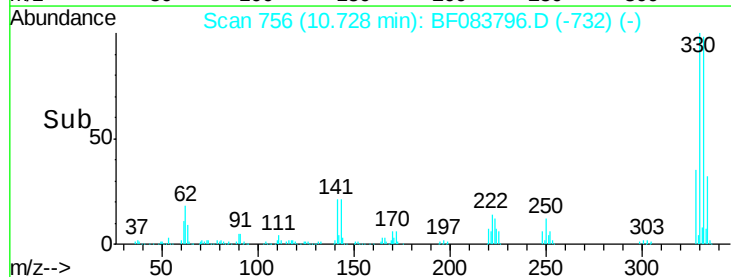
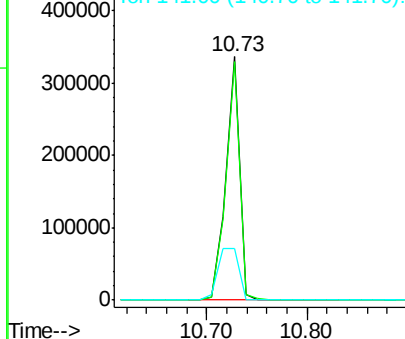


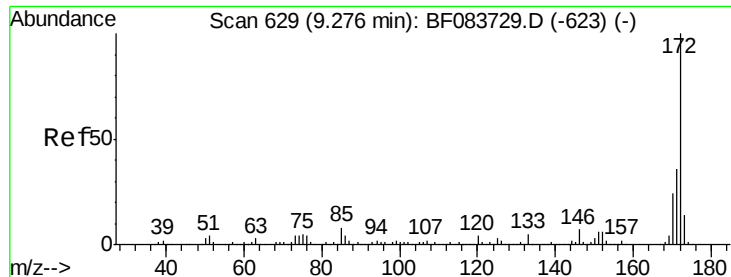
#41
2,4,6-Tribromophenol
Concen: 138.78 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

Tgt Ion:330 Resp: 321890
Ion Ratio Lower Upper
330 100
332 97.7 0.0 0.0#
141 32.6 0.0 0.0#



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

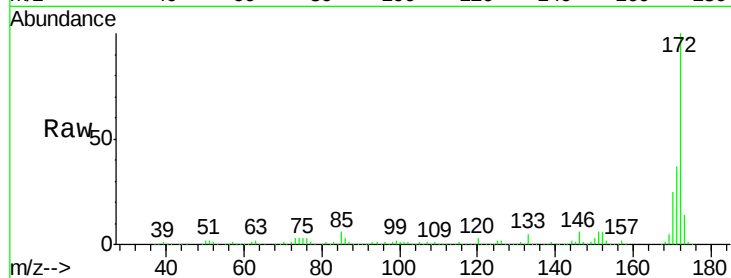




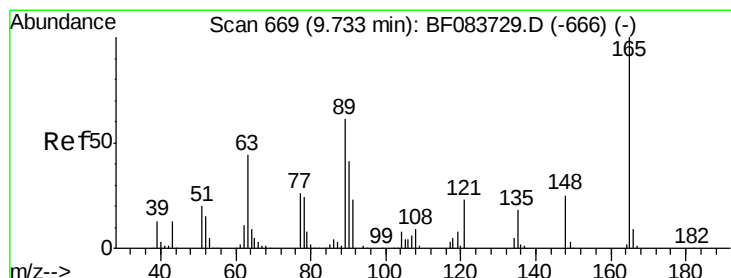
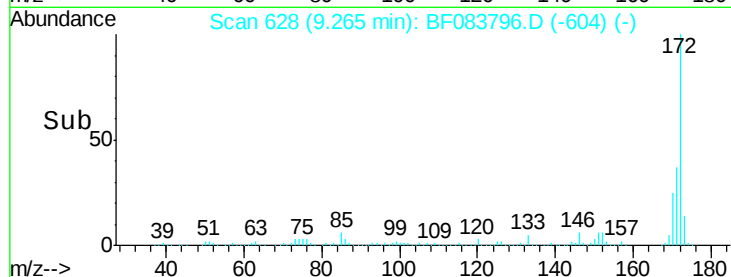
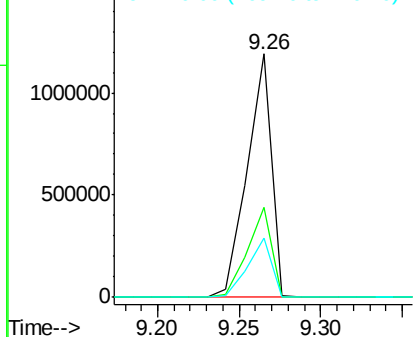
#44
 2-Fluorobiphenyl
 Concen: 76.59 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

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Tgt Ion:172 Resp: 1226020
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 42.8
 170 24.5 19.4 29.0

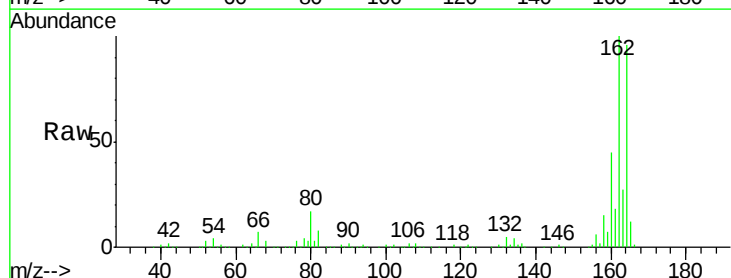


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

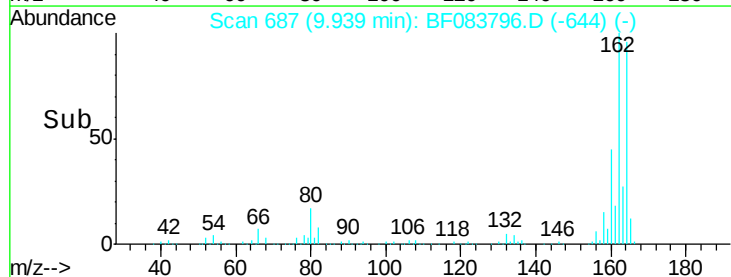
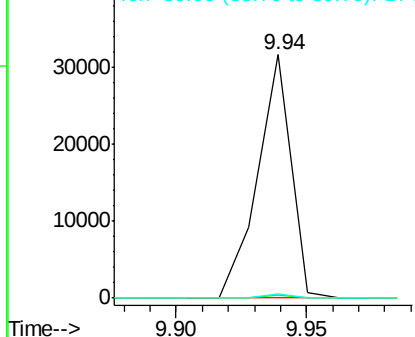


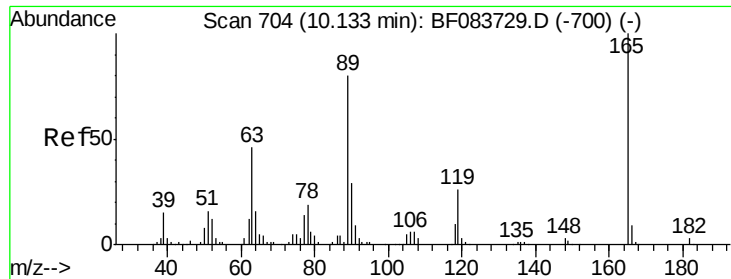
#50
 2,6-Dinitrotoluene
 Concen: 7.57 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

Tgt Ion:165 Resp: 28521
 Ion Ratio Lower Upper
 165 100
 63 1.2 56.9 85.3#
 89 1.5 52.1 78.1#



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

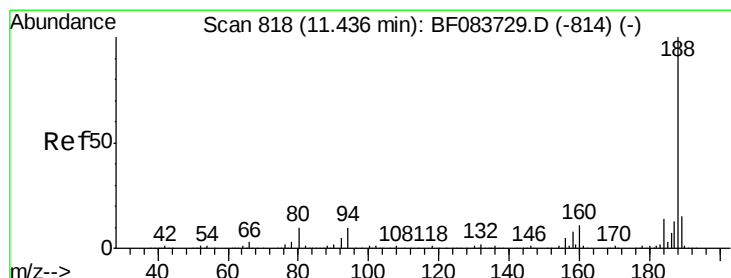
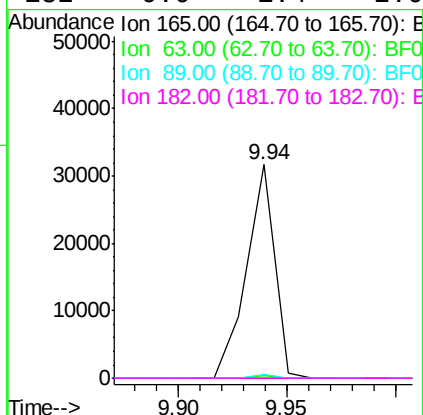
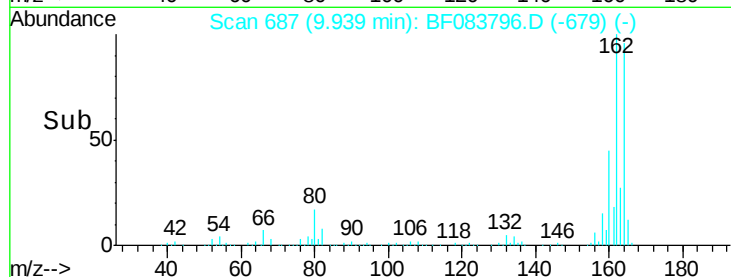
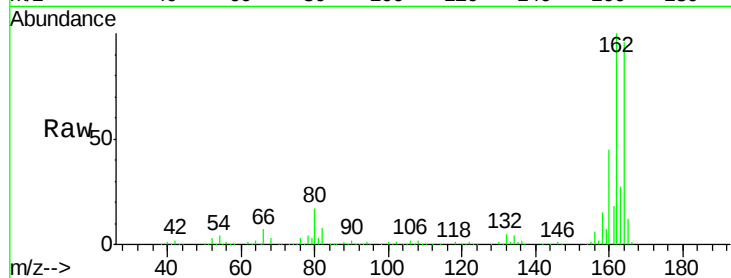




#56
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.20 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

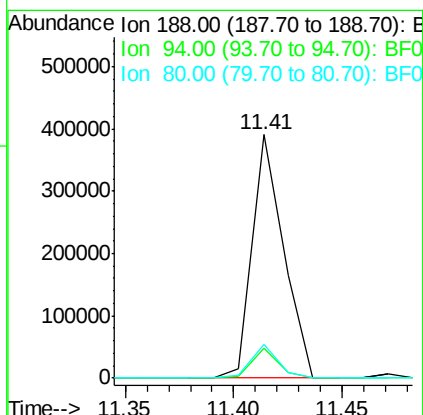
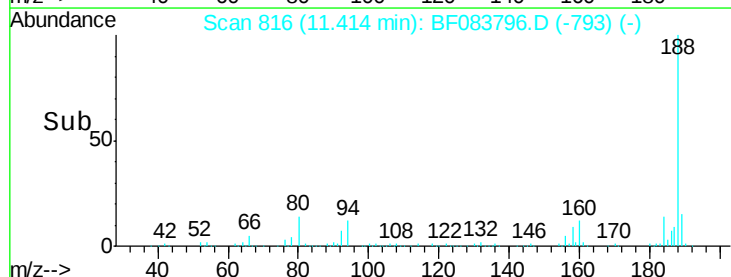
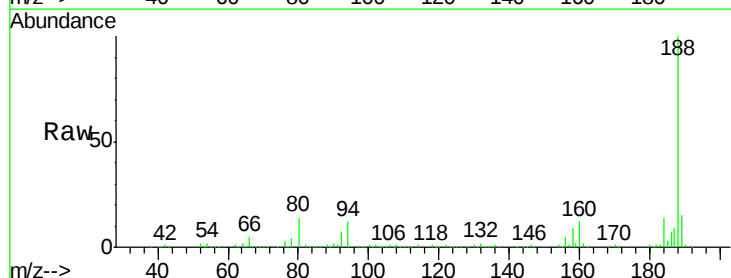
Instrument :
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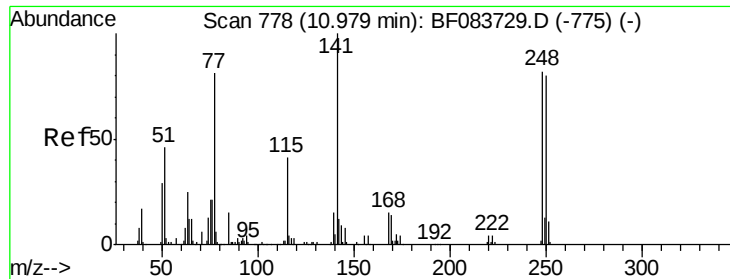
Tgt Ion:165 Resp: 28522
Ion Ratio Lower Upper
165 100
63 1.2 51.4 77.2#
89 1.5 72.6 108.8#
182 0.0 1.4 2.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

Tgt Ion:188 Resp: 392808
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.8 10.6 16.0

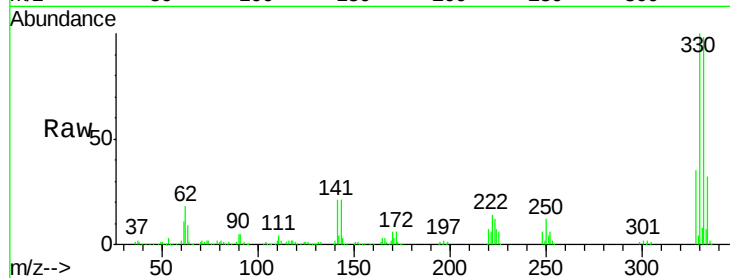




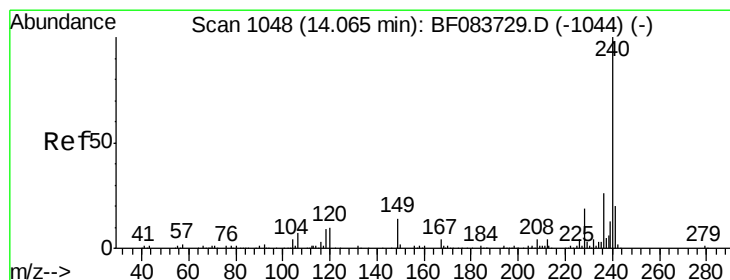
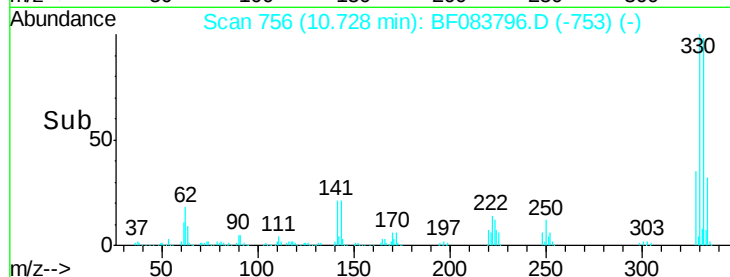
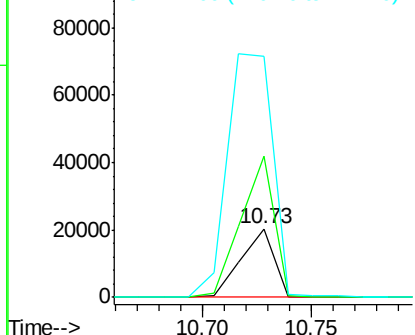
#66
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

Instrument :
BNA_F
ClientSampleId :
W-46

Tgt Ion:248 Resp: 21858
Ion Ratio Lower Upper
248 100
250 206.0 79.2 118.8#
141 351.0 58.2 87.4#

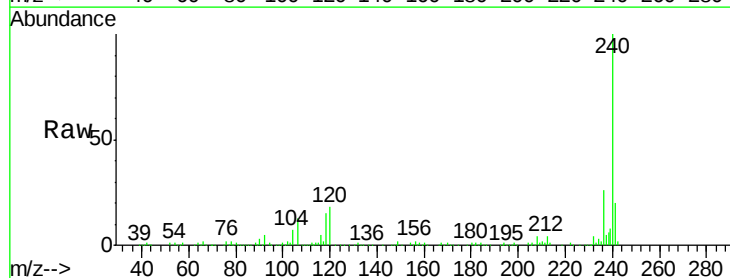


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

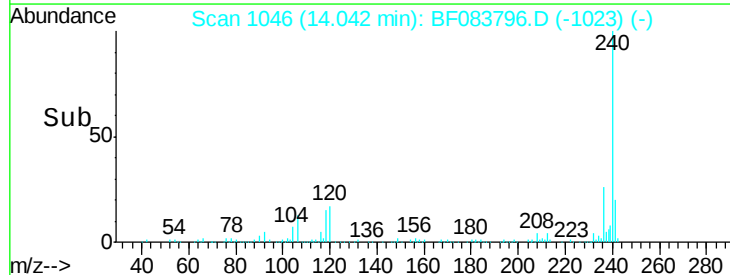
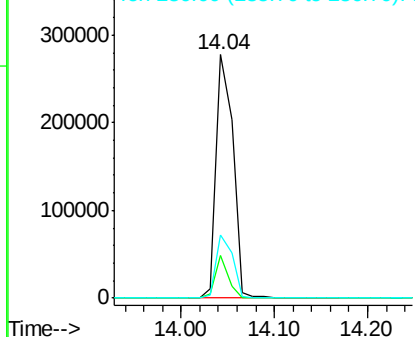


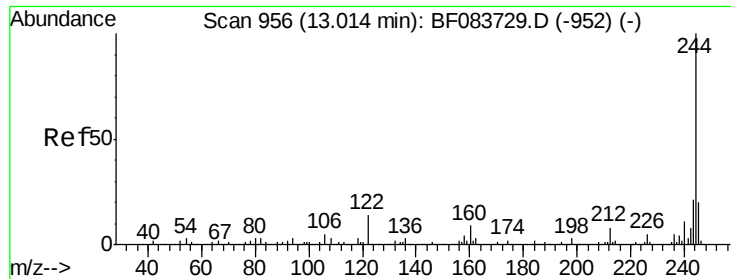
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

Tgt Ion:240 Resp: 345423
Ion Ratio Lower Upper
240 100
120 17.5 8.1 12.1#
236 25.8 20.8 31.2



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

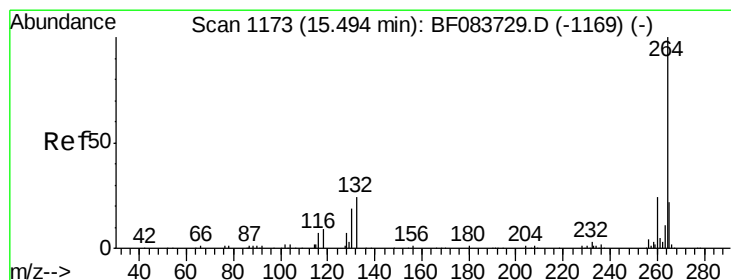
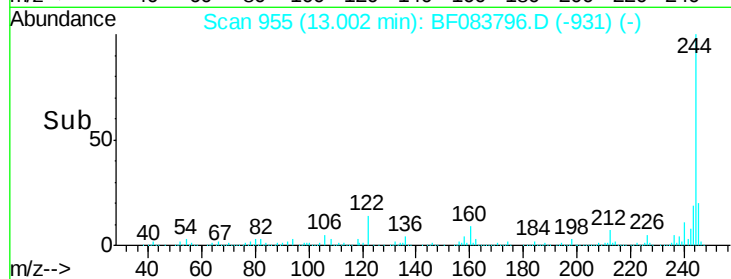
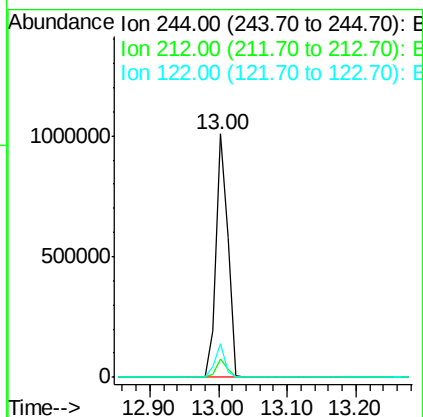
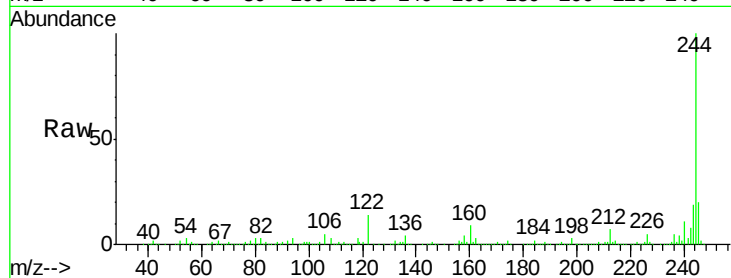




#78
 Terphenyl-d14
 Concen: 76.71 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 W-46

Tgt Ion:244 Resp: 1231836
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.8 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

Tgt Ion:264 Resp: 270546
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 22.3 17.8 26.6

