

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083791.D
 Acq On : 15 Dec 2015 1:40
 Operator : UM/IZ
 Sample : G4779-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Quant Time: Dec 15 02:28:46 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

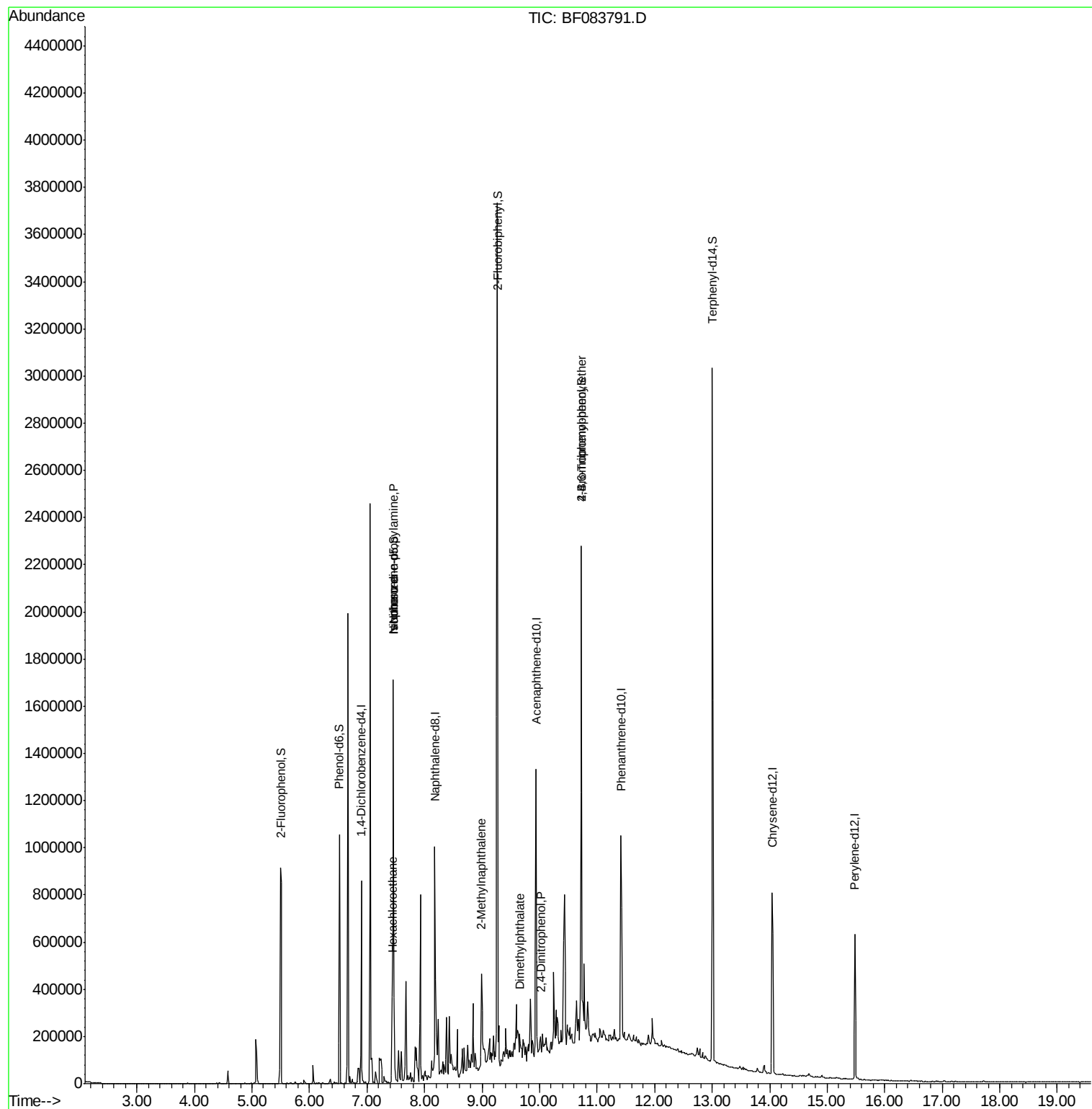
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	119375	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	438846	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	227157	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	393015	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	346454	20.00	ng	-0.03
86) Perylene-d12	15.48	264	270409	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	391041	52.85	ng	-0.02
7) Phenol-d6	6.52	99	330885	35.31	ng	-0.02
23) Nitrobenzene-d5	7.46	82	588187	74.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	292577	126.40	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1218460	76.16	ng	-0.02
78) Terphenyl-d14	13.00	244	1190696	73.93	ng	-0.02
Target Compounds						
18) Hexachloroethane	7.44	117	62097	18.75	ng	# 31
19) n-Nitroso-di-n-propylamine	7.46	70	81472	14.20	ng	# 71
25) Isophorone	7.46	82	580788	37.74	ng	# 69
37) 2-Methylnaphthalene	8.99	142	112368	7.82	ng	94
49) Dimethylphthalate	9.65	163	37413	2.11	ng	99
53) 2,4-Dinitrophenol	10.02	184	451	2.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	21167	4.82	ng	# 1

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

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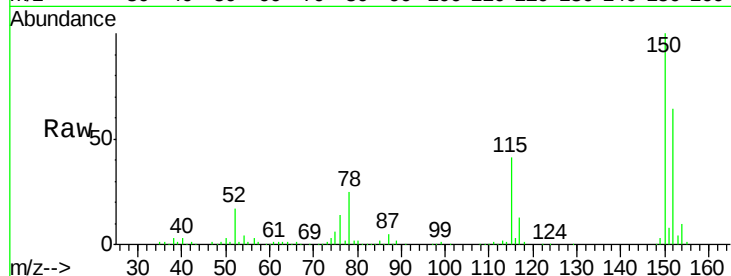




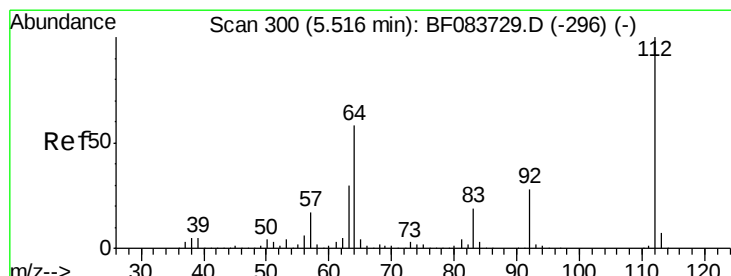
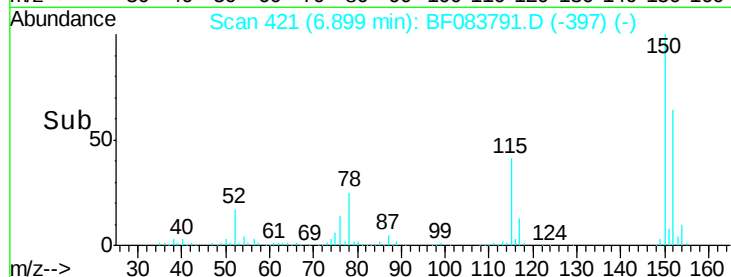
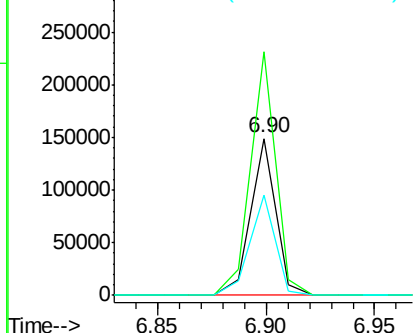
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083791.D
 Acq: 15 Dec 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tgt Ion:152 Resp: 119375
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.5 189.7
 115 63.7 52.3 78.5

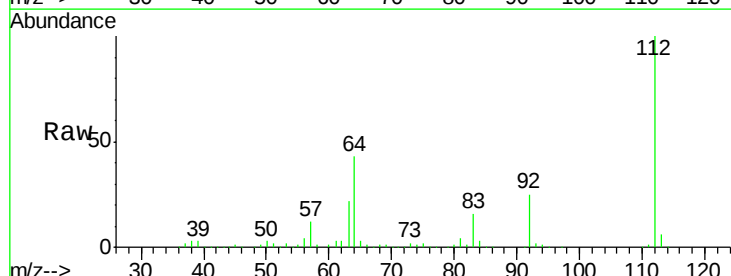


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

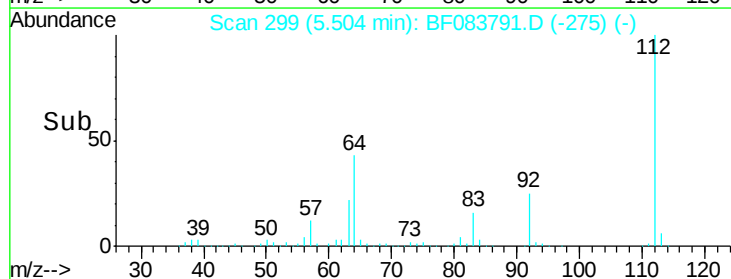
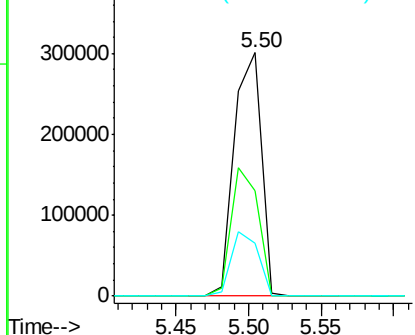


#5
 2-Fluorophenol
 Concen: 52.85 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083791.D
 Acq: 15 Dec 2015 1:40

Tgt Ion:112 Resp: 391041
 Ion Ratio Lower Upper
 112 100
 64 43.0 50.5 75.7#
 63 21.6 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: 35.31 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

Instrument :

BNA_F

ClientSampleId :

W-41

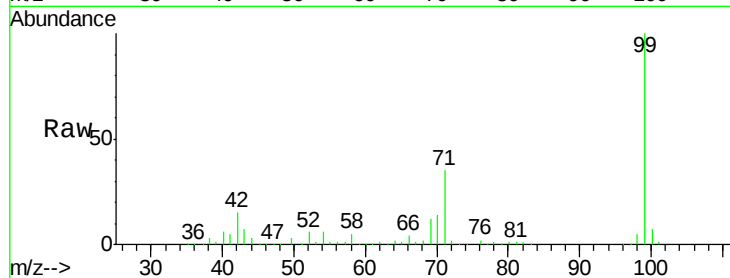
Tgt Ion: 99 Resp: 330885

Ion Ratio Lower Upper

99 100

42 15.3 17.3 25.9#

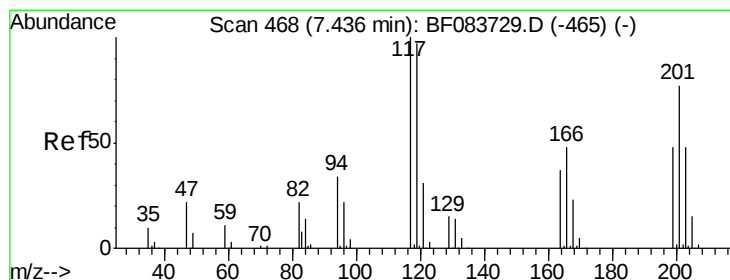
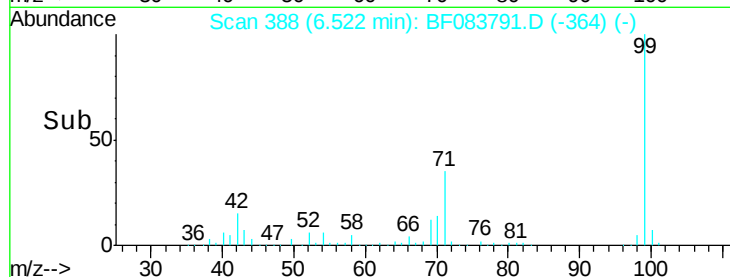
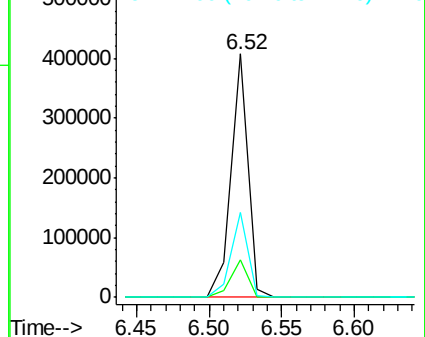
71 34.7 26.6 40.0



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



#18

Hexachloroethane

Concen: 18.75 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

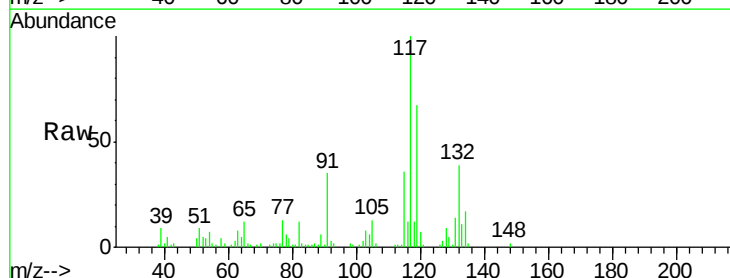
Tgt Ion: 117 Resp: 62097

Ion Ratio Lower Upper

117 100

119 66.6 77.2 115.8#

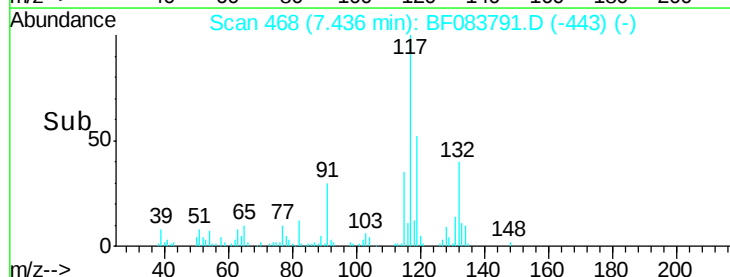
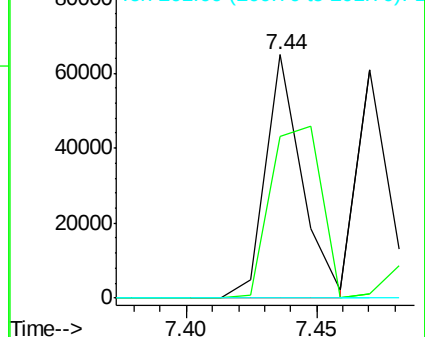
201 0.0 86.8 130.2#

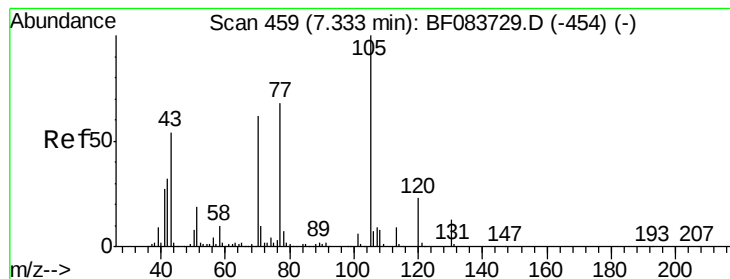


Abundance Ion 117.00 (116.70 to 117.70): E

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: 14.20 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

Instrument :

BNA_F

ClientSampleId :

W-41

Tgt Ion: 70 Resp: 81472

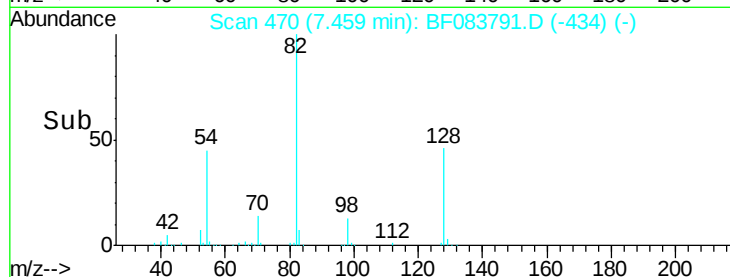
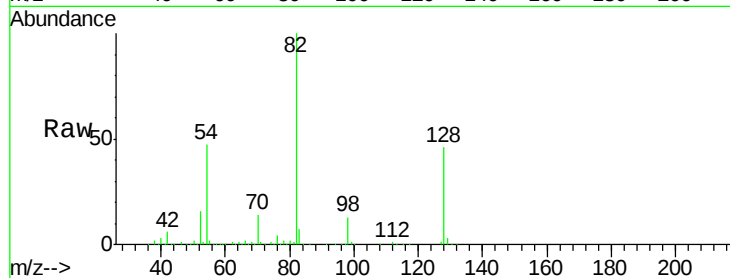
Ion Ratio Lower Upper

70 100

42 41.2 49.2 73.8#

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#

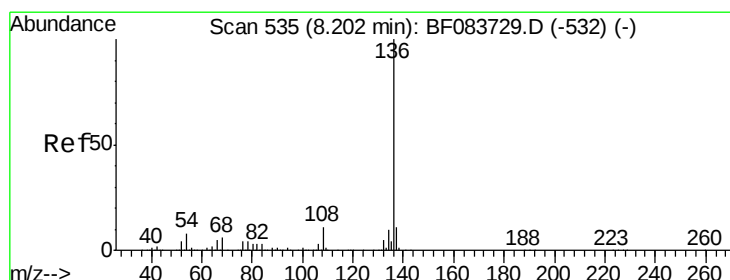
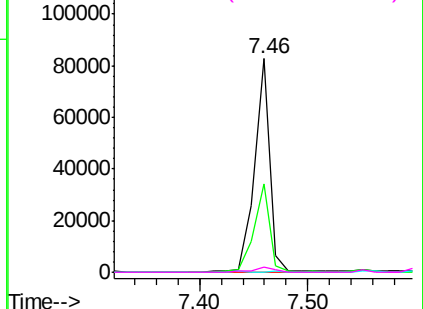


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083791.D

Acq: 15 Dec 2015 1:40

Tgt Ion: 136 Resp: 438846

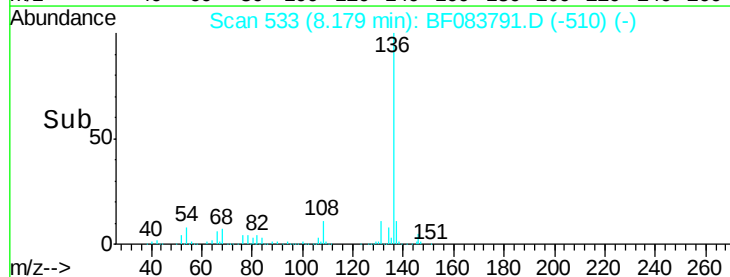
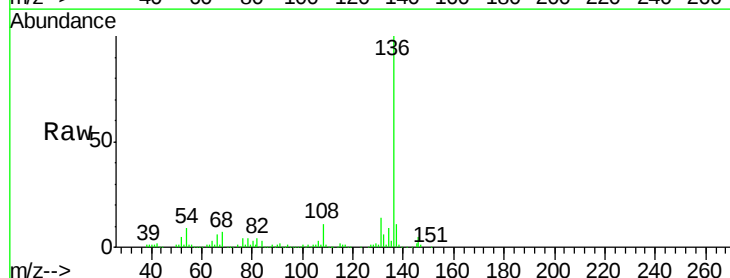
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.6 7.8 11.6

68 6.5 5.7 8.5

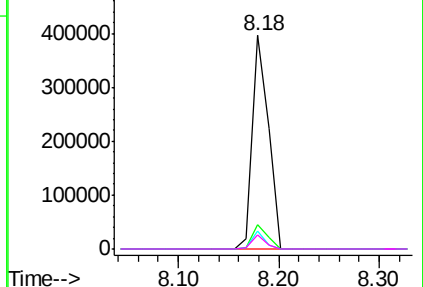


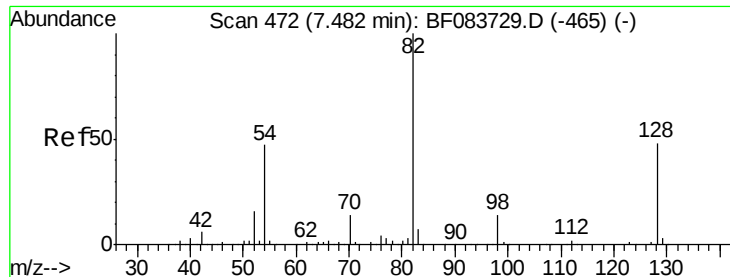
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.99 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

Instrument :

BNA_F

ClientSampled :

W-41

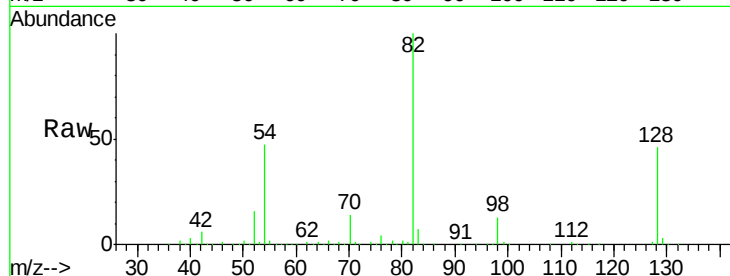
Tgt Ion: 82 Resp: 588187

Ion Ratio Lower Upper

82 100

128 46.2 30.7 46.1#

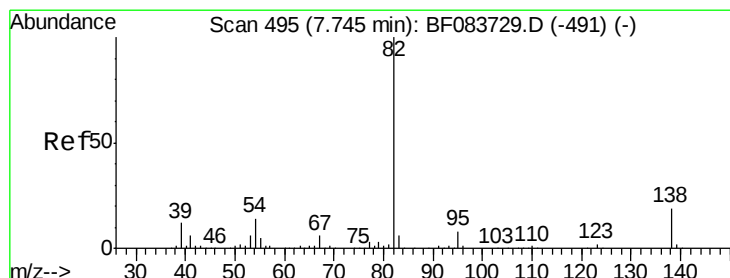
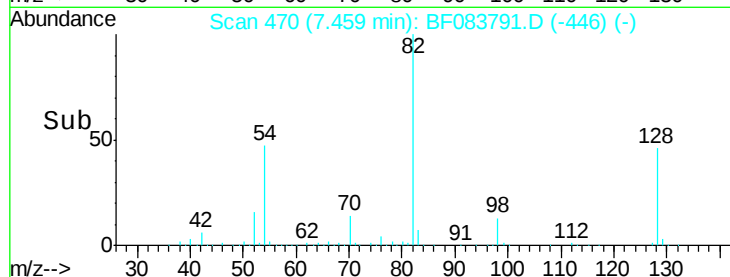
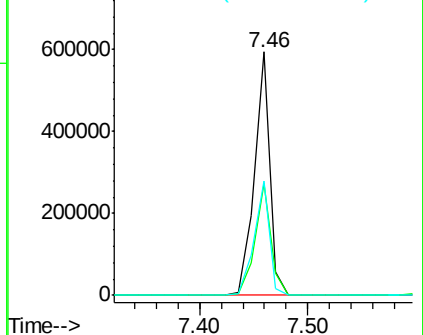
54 46.8 42.5 63.7



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: 37.74 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

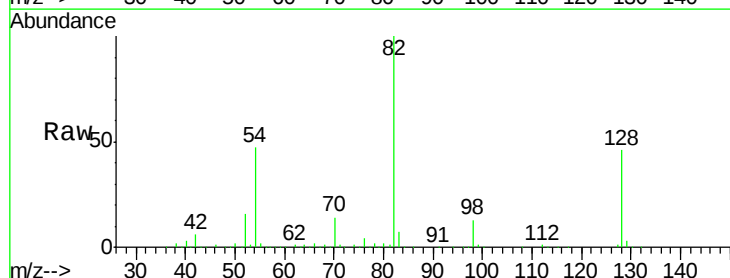
Tgt Ion: 82 Resp: 580788

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

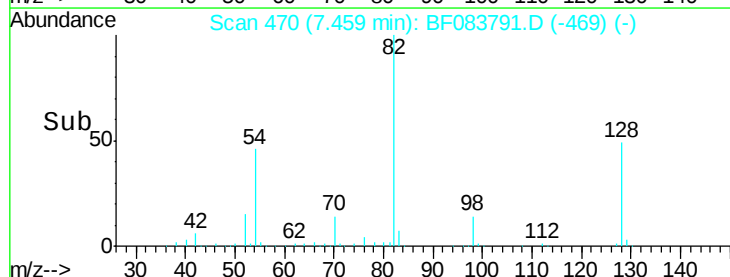
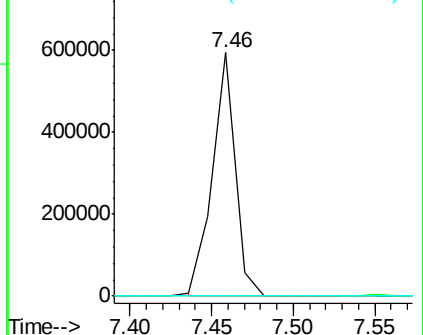
138 0.0 12.1 18.1#

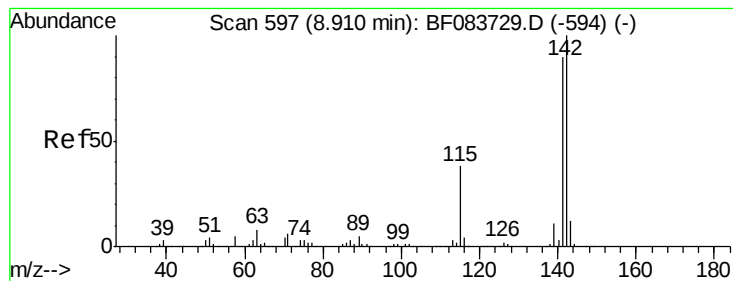


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#37

2-Methylnaphthalene

Concen: 7.82 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.07 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

Instrument :

BNA_F

ClientSampleId :

W-41

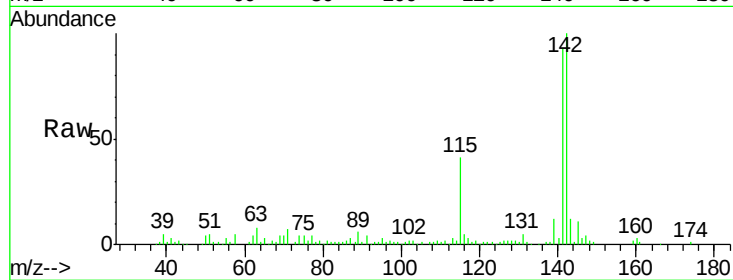
Tgt Ion:142 Resp: 112368

Ion Ratio Lower Upper

142 100

141 93.1 70.3 105.5

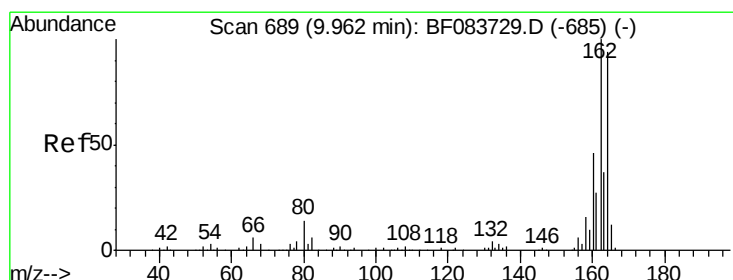
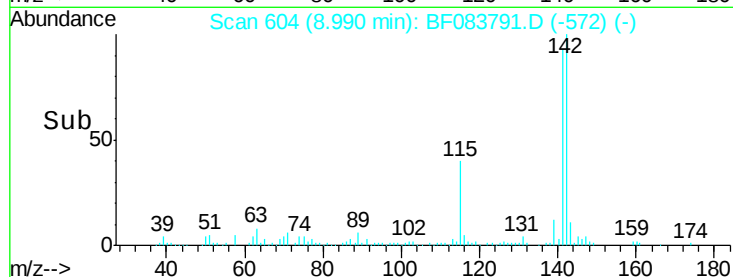
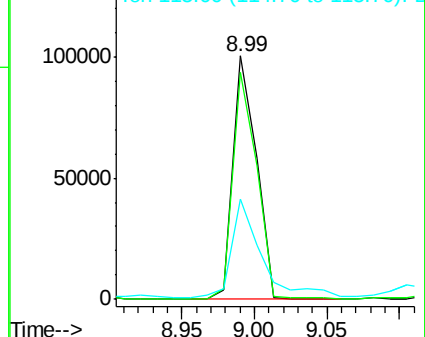
115 41.4 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

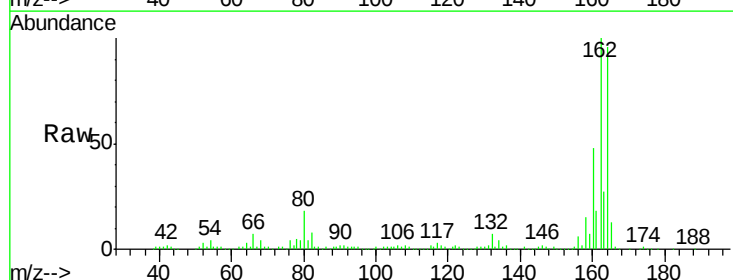
Tgt Ion:164 Resp: 227157

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

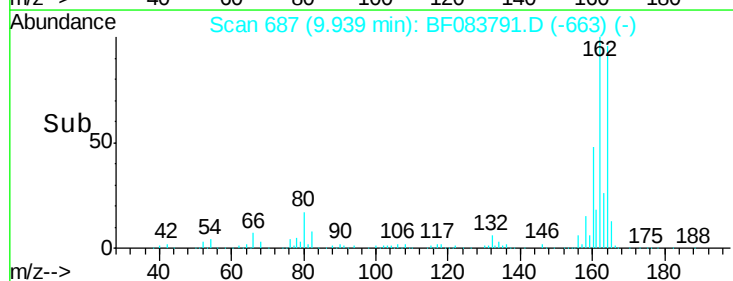
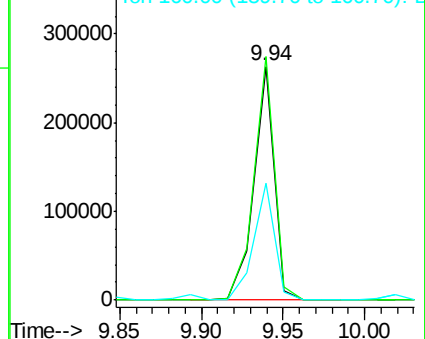
160 50.2 33.4 50.2#

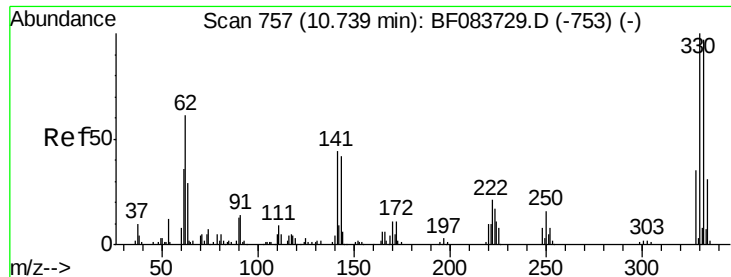


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

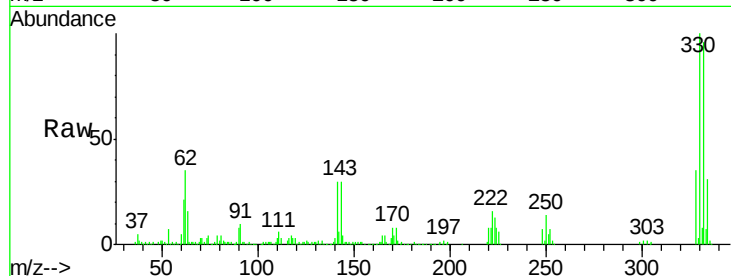




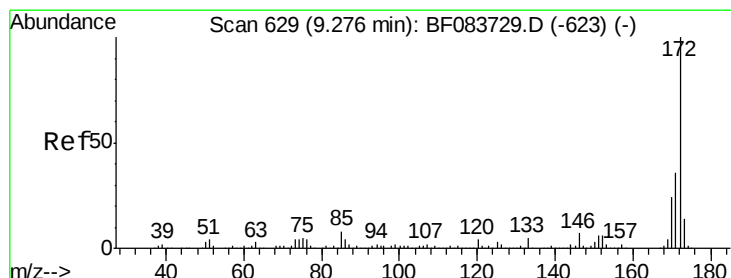
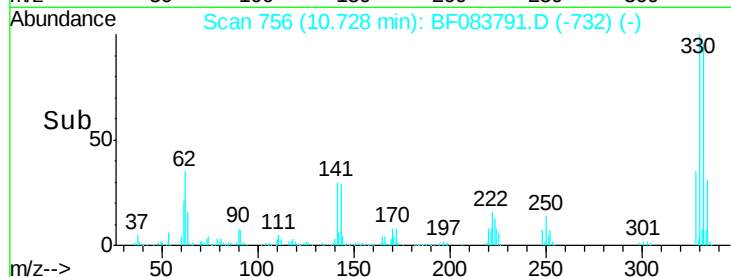
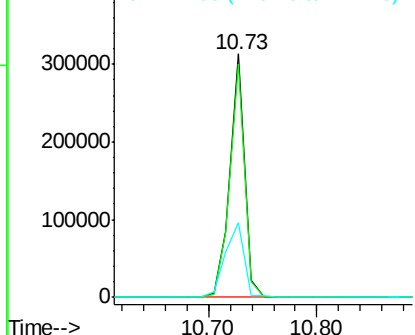
#41
 2,4,6-Tribromophenol
 Concen: 126.40 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083791.D
 Acq: 15 Dec 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	37.7	0.0	0.0#

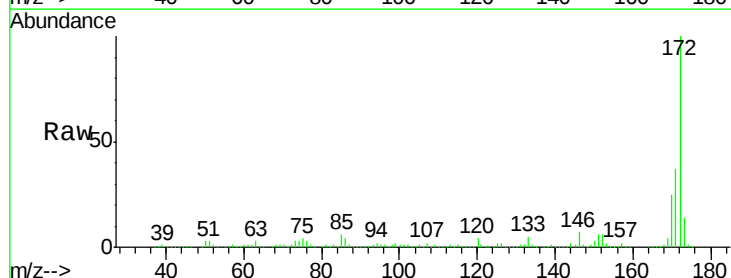


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

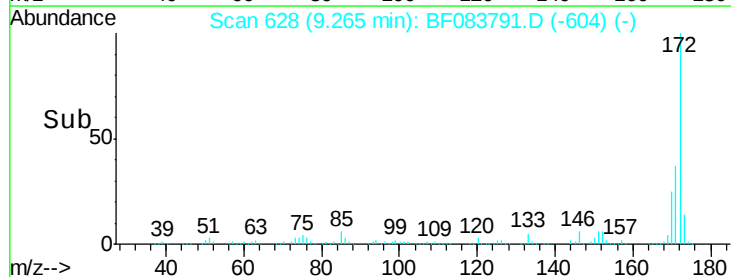
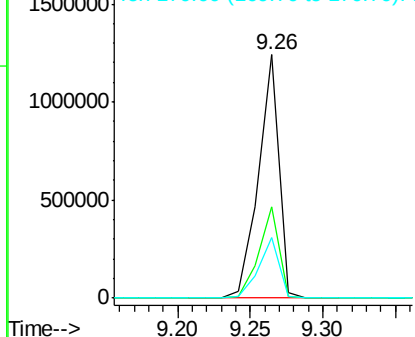


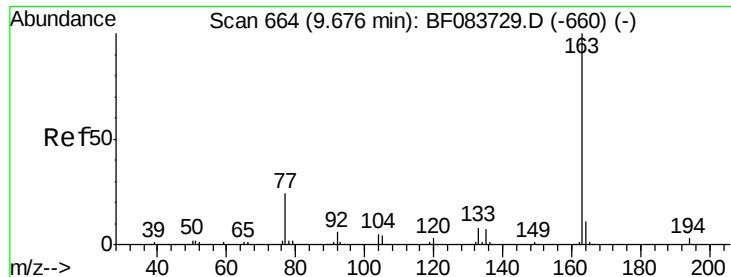
#44
 2-Fluorobiphenyl
 Concen: 76.16 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083791.D
 Acq: 15 Dec 2015 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	42.8
170	25.0	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





#49

Dimethylphthalate

Concen: 2.11 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

Instrument :

BNA_F

ClientSampleId :

W-41

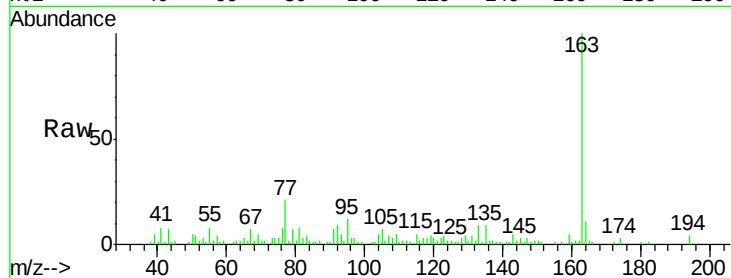
Tgt Ion:163 Resp: 37413

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

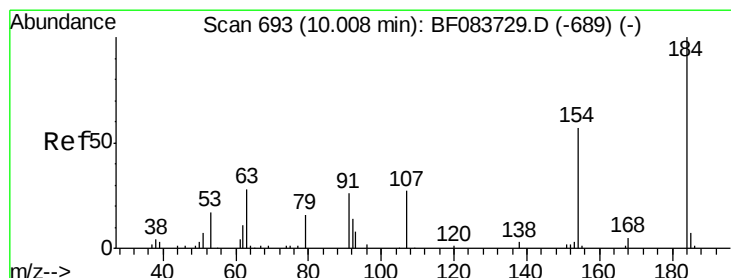
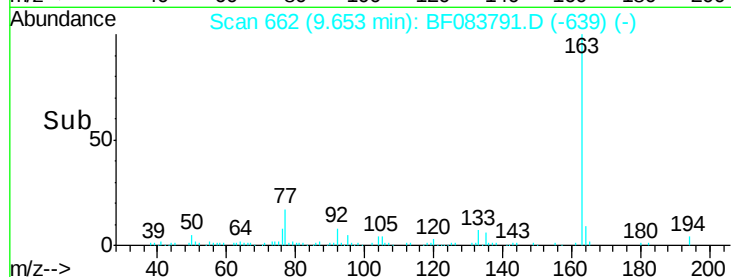
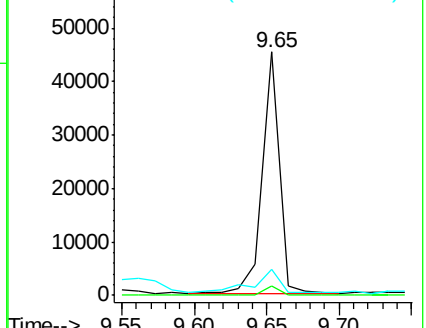
164 10.5 8.6 13.0



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



#53

2,4-Dinitrophenol

Concen: 2.71 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

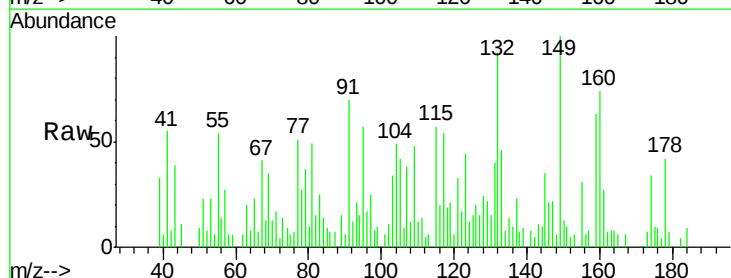
Tgt Ion:184 Resp: 451

Ion Ratio Lower Upper

184 100

63 230.1 62.4 93.6#

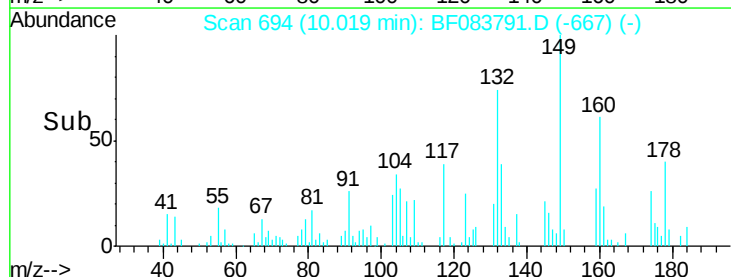
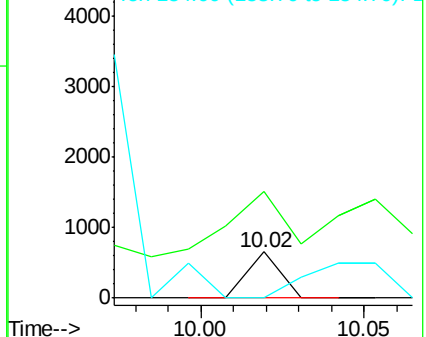
154 0.0 46.6 69.8#

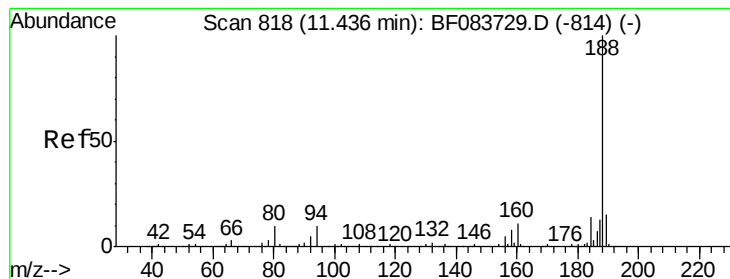


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

Instrument :

BNA_F

ClientSampleId :

W-41

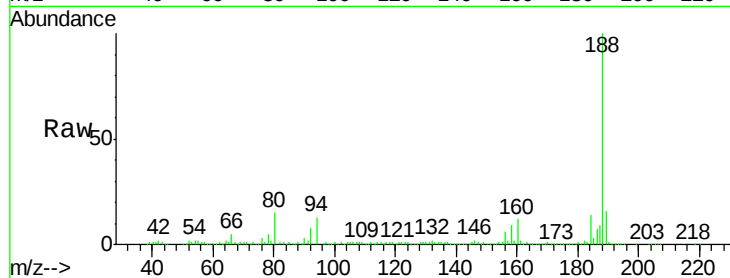
Tgt Ion:188 Resp: 393015

Ion Ratio Lower Upper

188 100

94 13.5 9.4 14.2

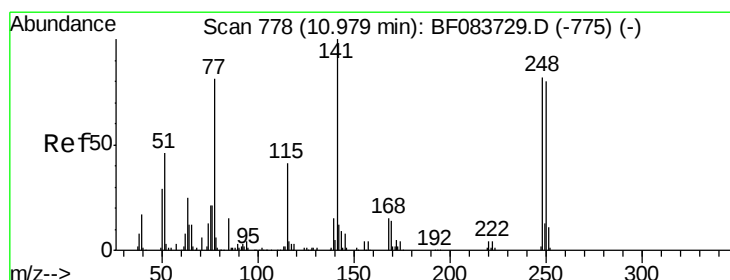
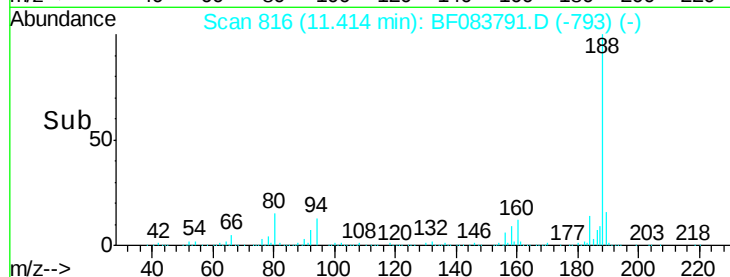
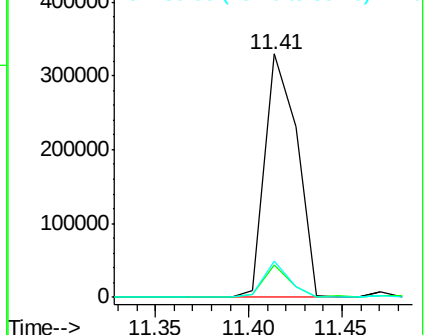
80 15.0 10.6 16.0



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: 4.82 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.26 min

Lab File: BF083791.D

Acq: 15 Dec 2015 1:40

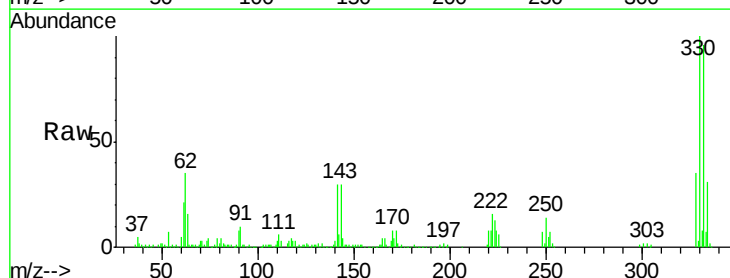
Tgt Ion:248 Resp: 21167

Ion Ratio Lower Upper

248 100

250 199.4 79.2 118.8#

141 443.2 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

