

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083491.D
 Acq On : 4 Dec 2015 7:01
 Operator : UM/IZ
 Sample : G4588-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 04 07:58:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

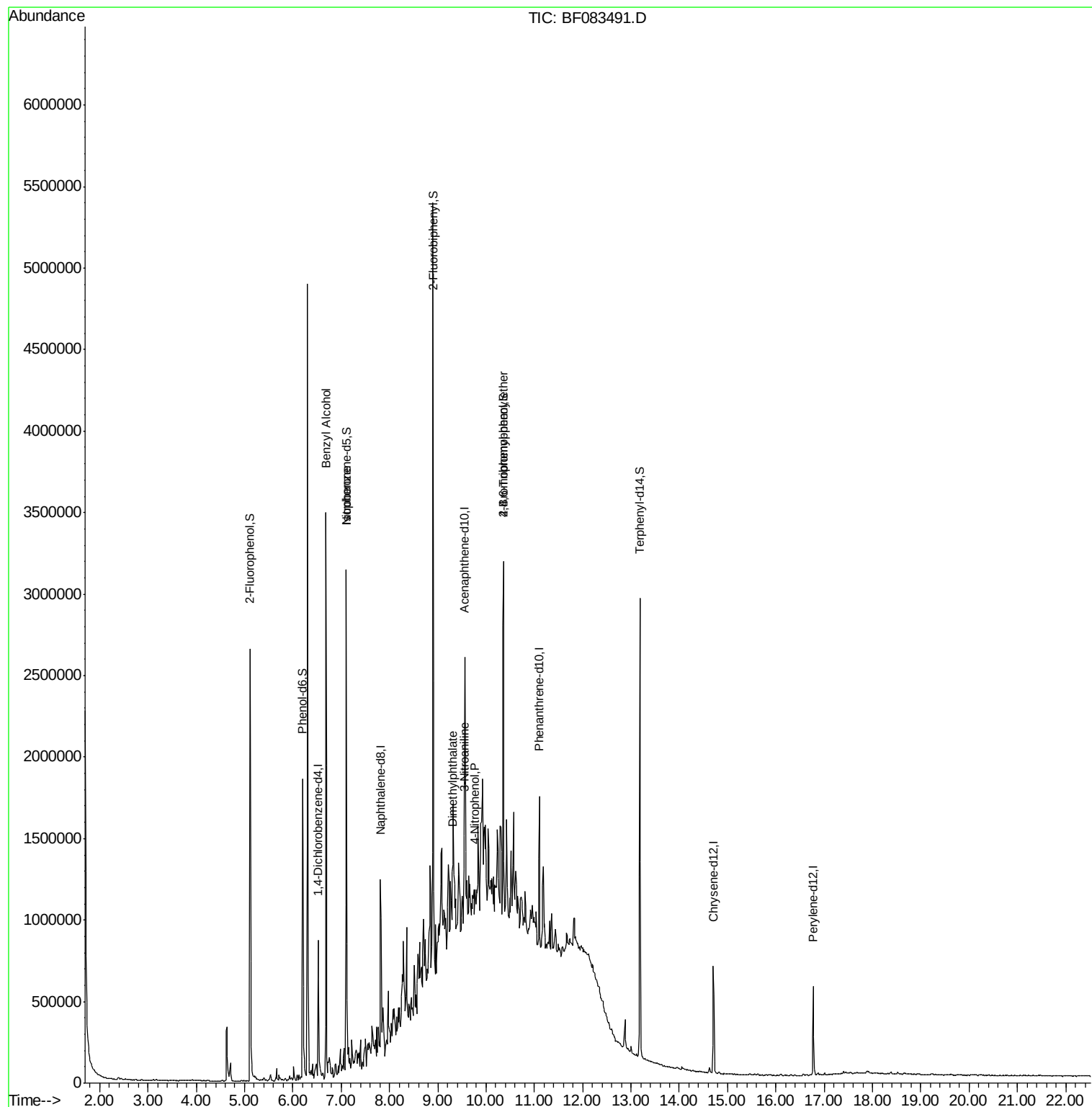
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	154906	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	576497	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	267025	20.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	417153	20.00	ng	-0.02
75) Chrysene-d12	14.71	240	351300	20.00	ng	-0.06
86) Perylene-d12	16.77	264	276064	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	812744	78.73	ng	-0.01
7) Phenol-d6	6.20	99	730474	51.70	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1185167	90.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	332751	124.14	ng	-0.02
44) 2-Fluorobiphenyl	8.90	172	1650503	88.08	ng	-0.02
78) Terphenyl-d14	13.19	244	1207015	81.94	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.20	77	1597	Below Cal	#	53
15) Benzyl Alcohol	6.68	79	23179	2.12 ng	#	53
25) Isophorone	7.10	82	917293	36.11 ng	#	70
49) Dimethylphthalate	9.30	163	49200	2.27 ng	#	92
52) 3-Nitroaniline	9.55	138	15298	2.82 ng	#	1
55) 4-Nitrophenol	9.77	139	23085	6.79 ng	#	1
66) 4-Bromophenyl-phenylether	10.36	248	21778	4.77 ng	#	1

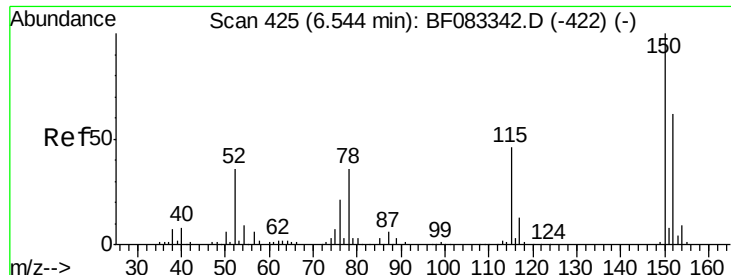
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

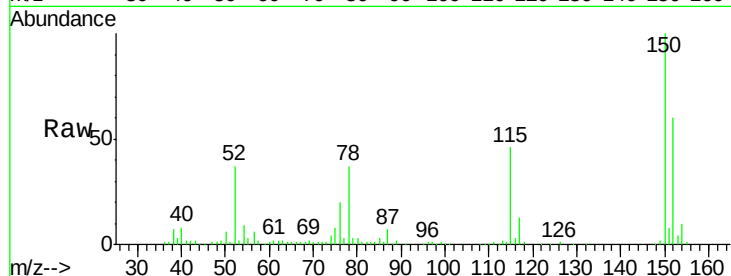
Tgt Ion:152 Resp: 154906

Ion Ratio Lower Upper

152 100

150 167.9 129.8 194.8

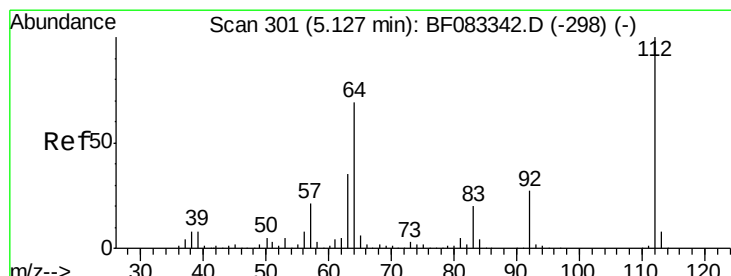
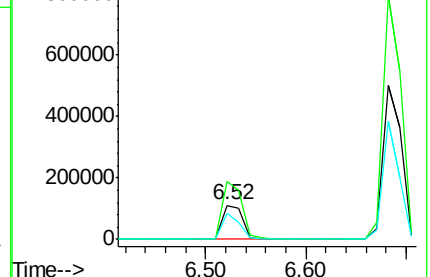
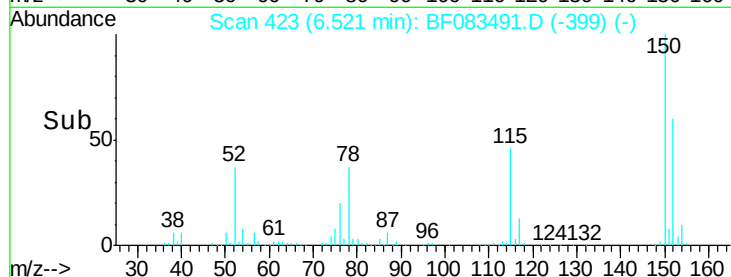
115 77.5 59.2 88.8



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: 78.73 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

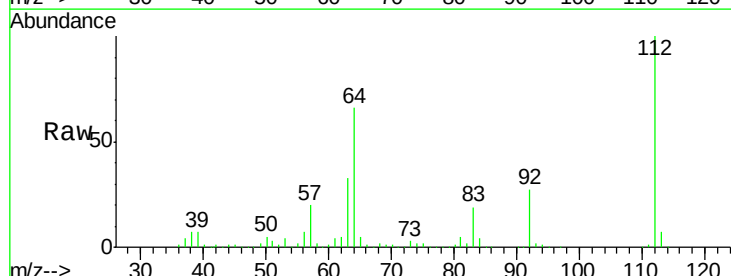
Tgt Ion:112 Resp: 812744

Ion Ratio Lower Upper

112 100

64 66.2 55.6 83.4

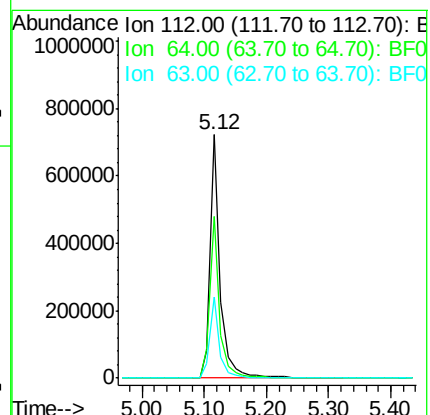
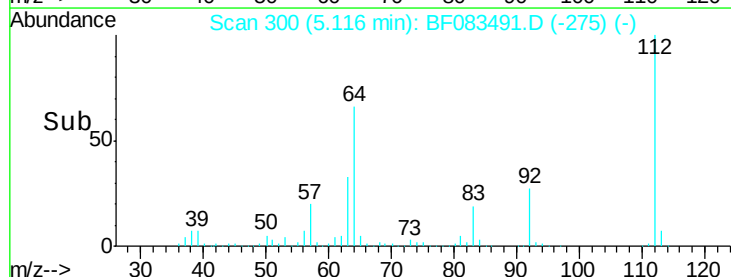
63 33.4 28.2 42.2

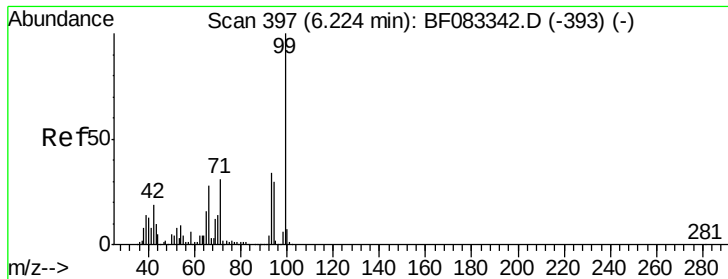


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.70 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

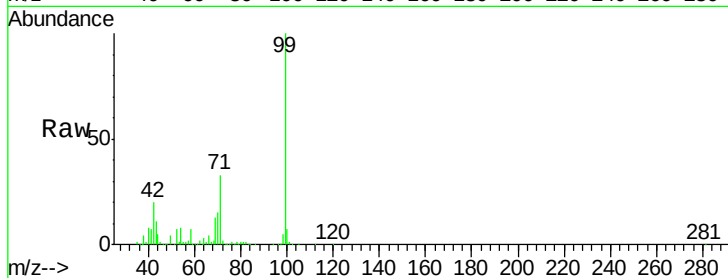
Tgt Ion: 99 Resp: 730474

Ion Ratio Lower Upper

99 100

42 20.2 14.9 22.3

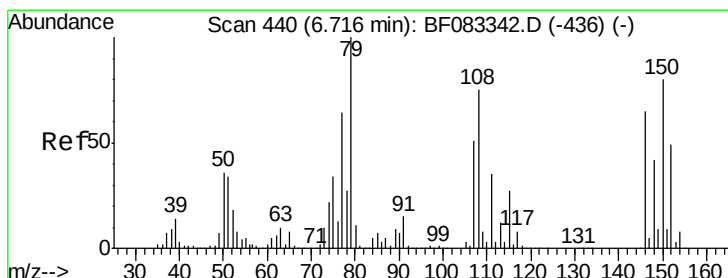
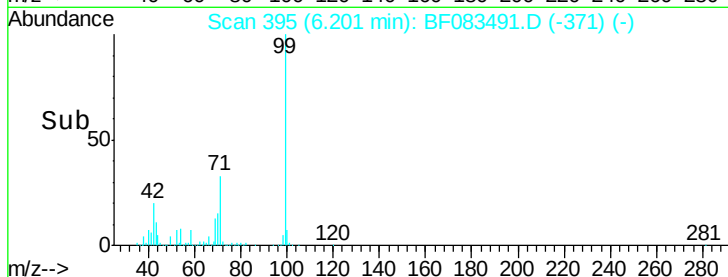
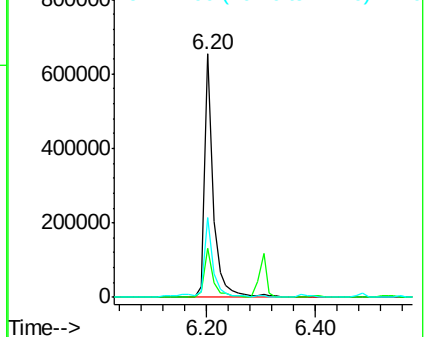
71 32.7 24.7 37.1



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: 2.12 ng

RT: 6.68 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

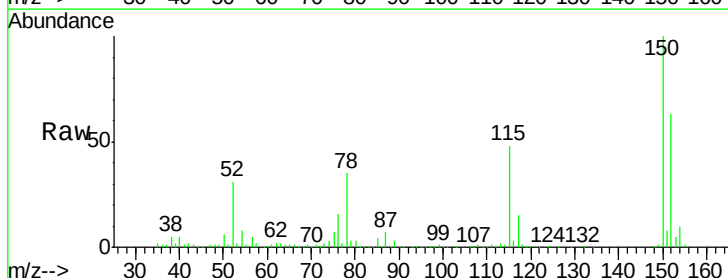
Tgt Ion: 79 Resp: 23179

Ion Ratio Lower Upper

79 100

108 25.1 59.9 89.9#

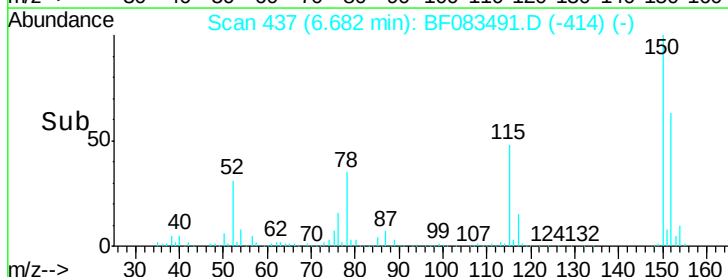
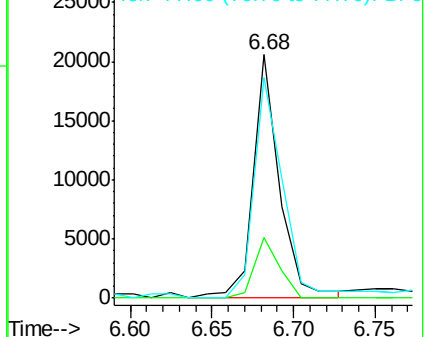
77 90.7 51.0 76.6#

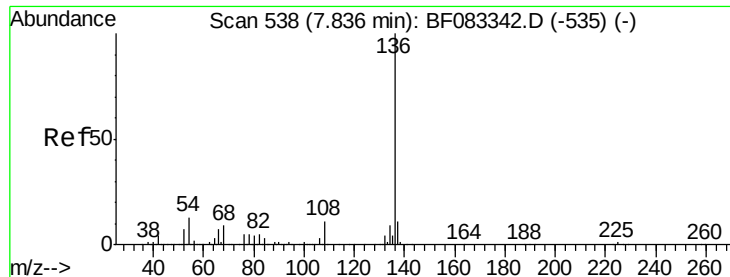


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

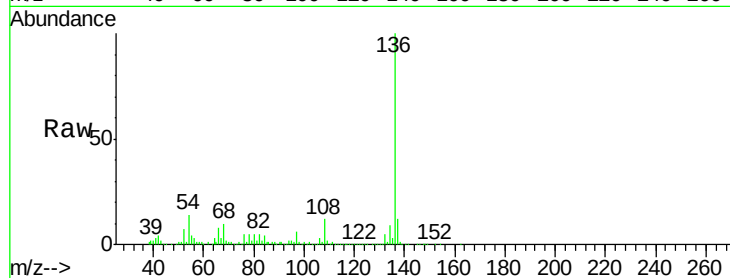




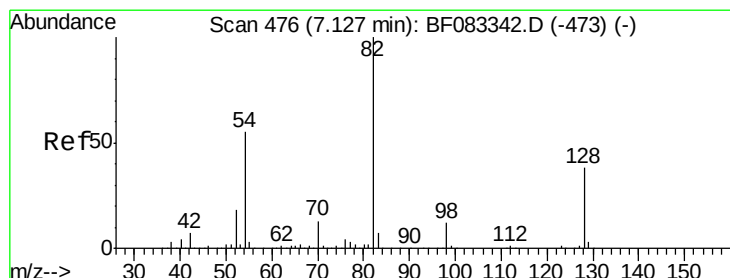
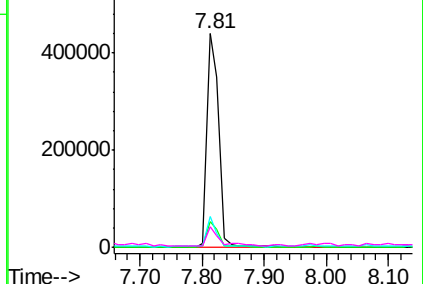
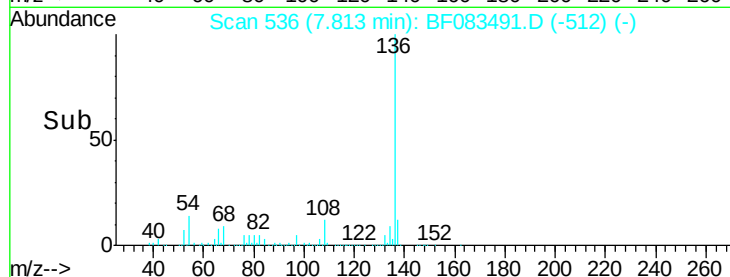
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083491.D
Acq: 4 Dec 2015 7:01

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:	136	Resp:	576497
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	14.4	10.1	15.1
68	9.8	7.1	10.7

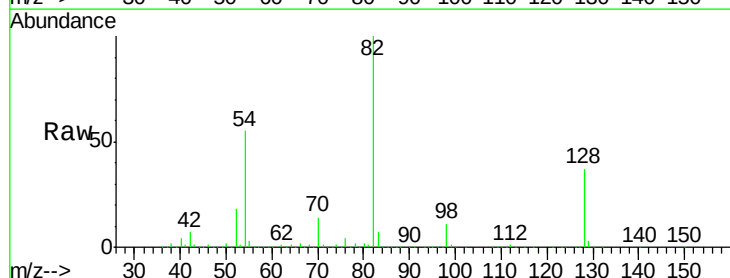


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

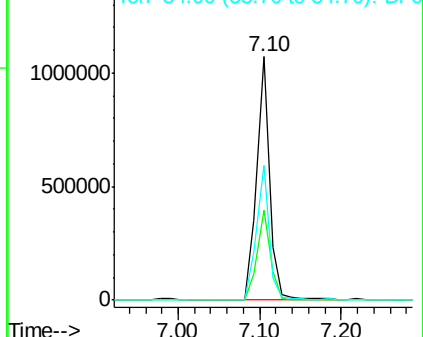
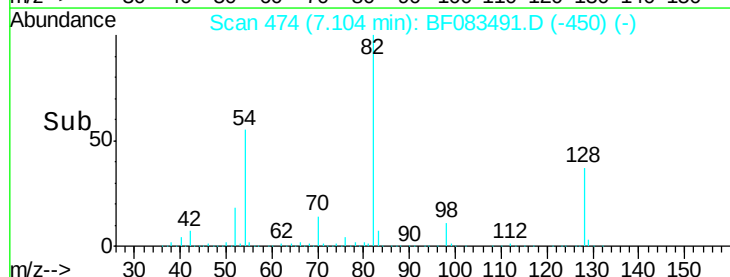


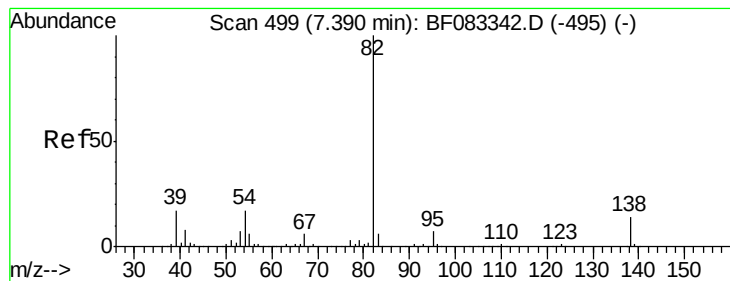
#23
Nitrobenzene-d5
Concen: 90.37 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083491.D
Acq: 4 Dec 2015 7:01

Tgt Ion:	82	Resp:	1185167
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.6	46.0
54	55.4	43.8	65.6



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





#25

Isophorone

Concen: 36.11 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

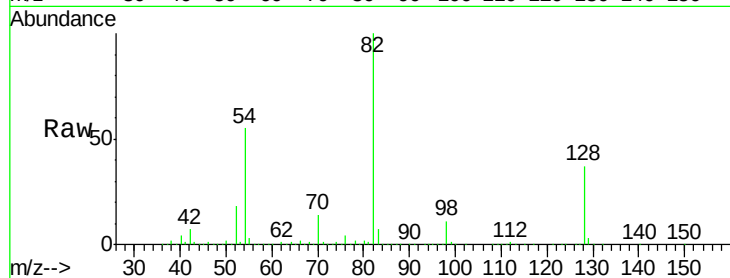
Tgt Ion: 82 Resp: 917293

Ion Ratio Lower Upper

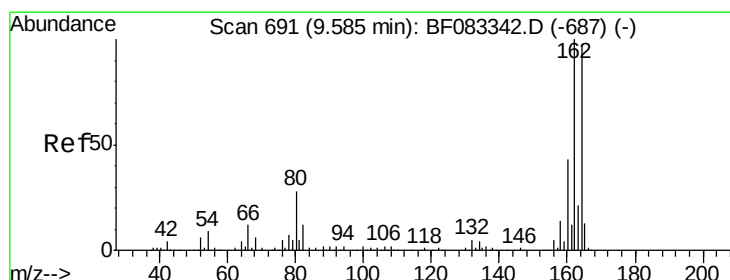
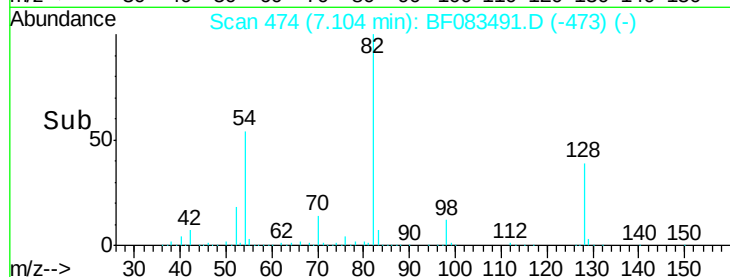
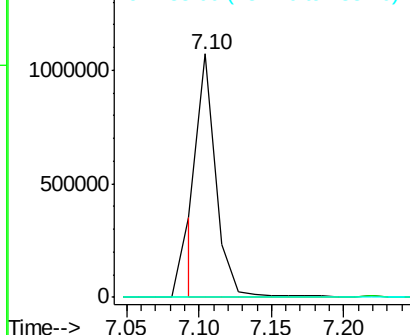
82 100

95 0.1 5.3 7.9#

138 0.0 11.6 17.4#



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: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

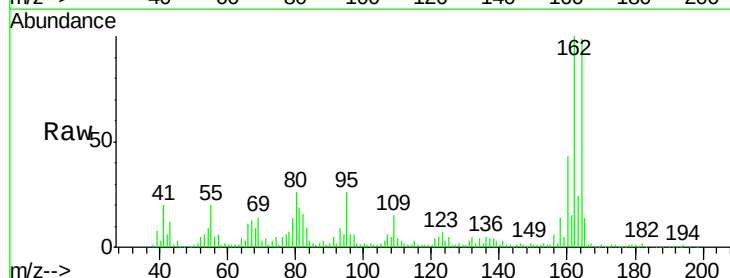
Tgt Ion: 164 Resp: 267025

Ion Ratio Lower Upper

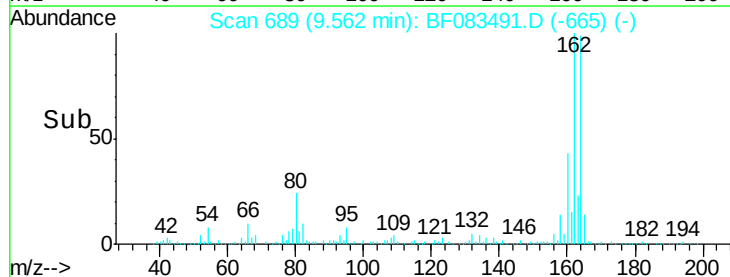
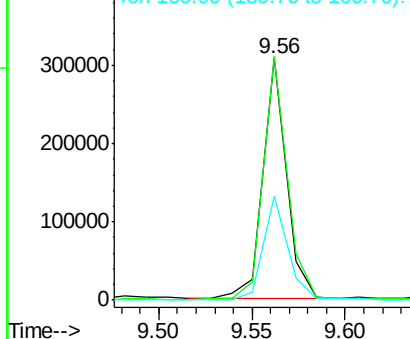
164 100

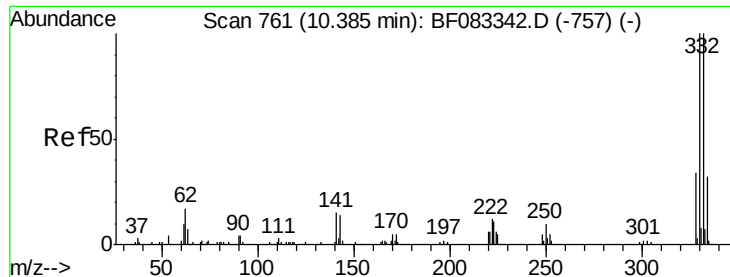
162 100.5 82.6 123.8

160 42.7 35.3 52.9



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

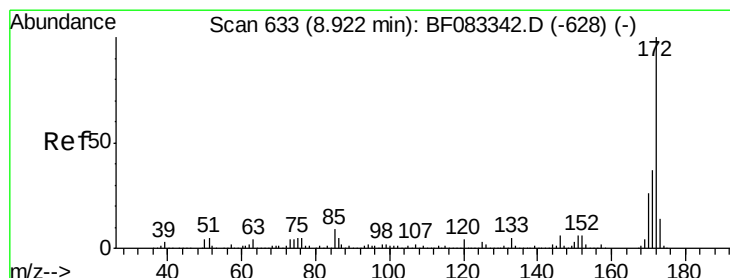
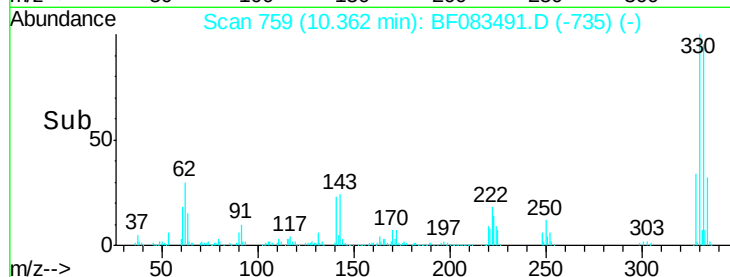
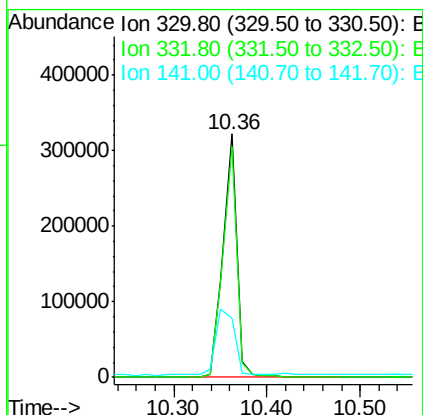
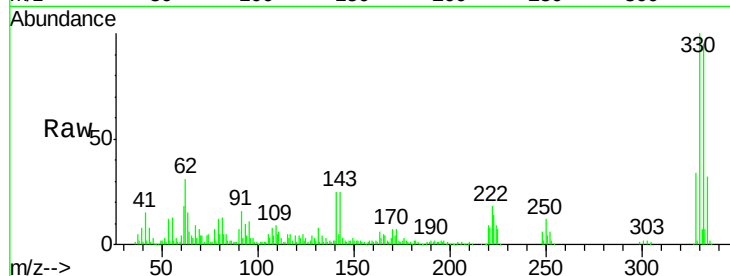




#41
 2,4,6-Tribromophenol
 Concen: 124.14 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083491.D
 Acq: 4 Dec 2015 7:01

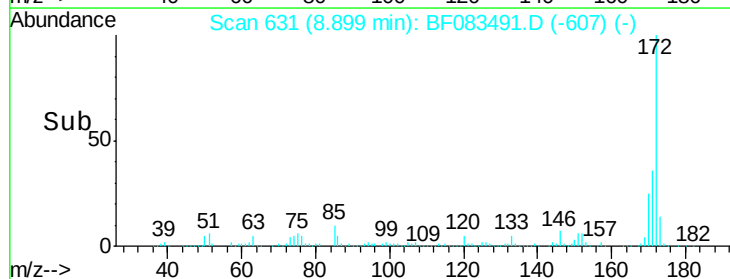
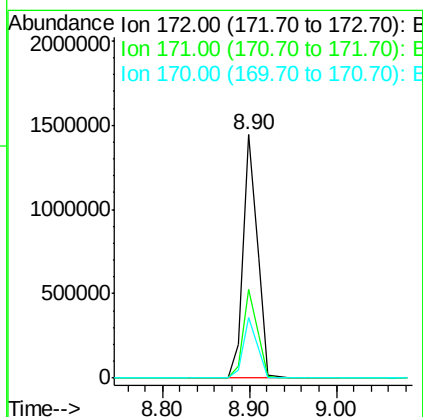
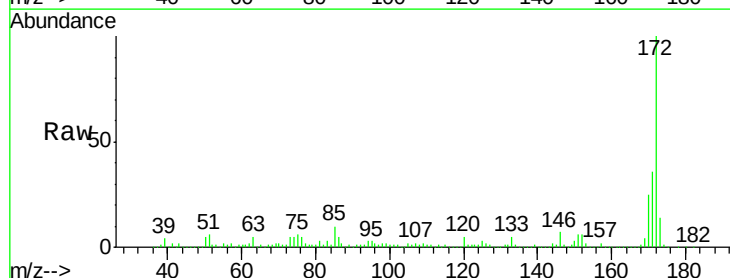
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

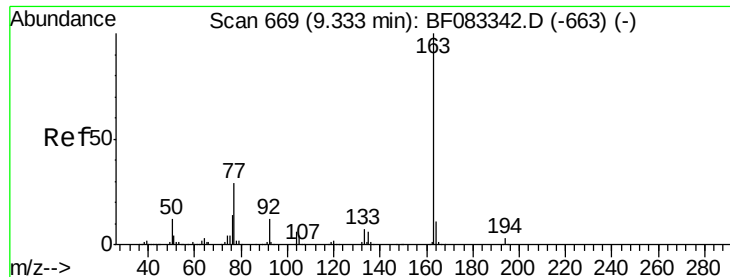
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	36.2	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083491.D
 Acq: 4 Dec 2015 7:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.8	20.4	30.6





#49

Dimethylphthalate

Concen: 2.27 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

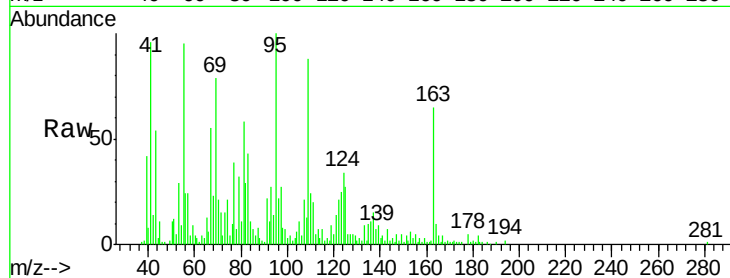
Tgt Ion:163 Resp: 49200

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 15.1 8.8 13.2#

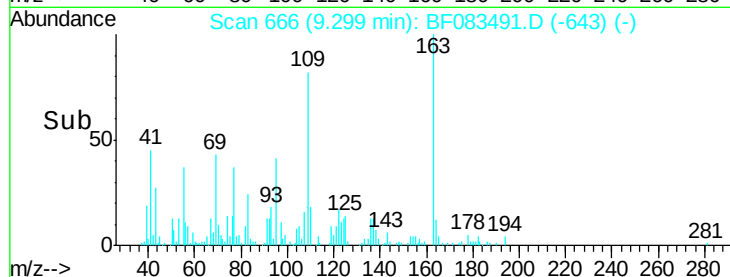


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 9.25 9.30 9.35



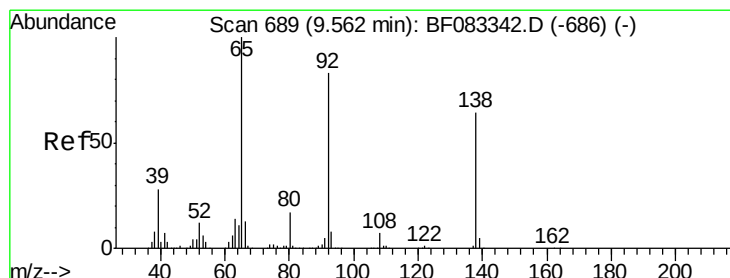
Abundance

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

Time--> 9.25 9.30 9.35



#52

3-Nitroaniline

Concen: 2.82 ng

RT: 9.55 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

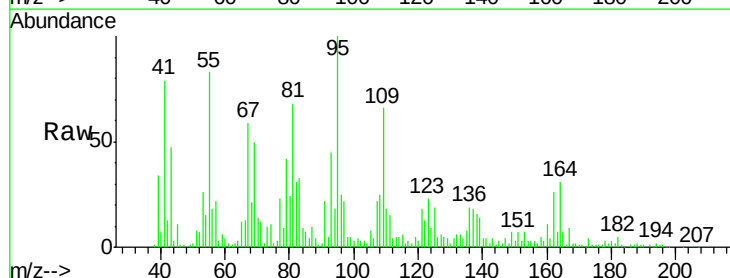
Tgt Ion:138 Resp: 15298

Ion Ratio Lower Upper

138 100

108 160.2 8.4 12.6#

92 34.1 104.2 156.4#

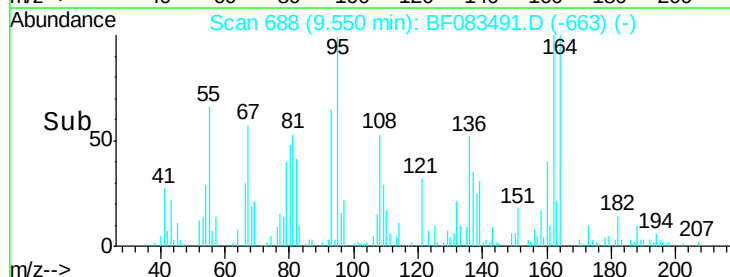


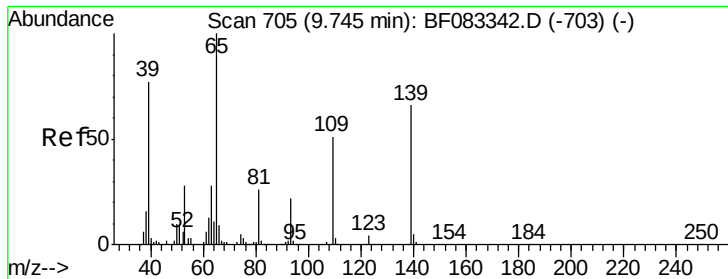
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time--> 9.50 9.55 9.60 9.65





#55

4-Nitrophenol

Concen: 6.79 ng

RT: 9.77 min Scan# 707

Delta R.T. 0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

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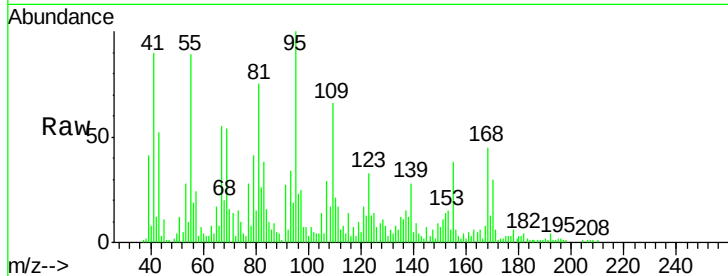
Tgt Ion:139 Resp: 23085

Ion Ratio Lower Upper

139 100

109 238.5 57.4 97.4#

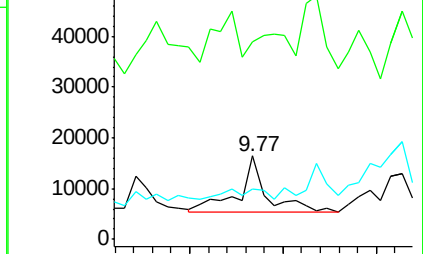
65 60.8 131.6 171.6#



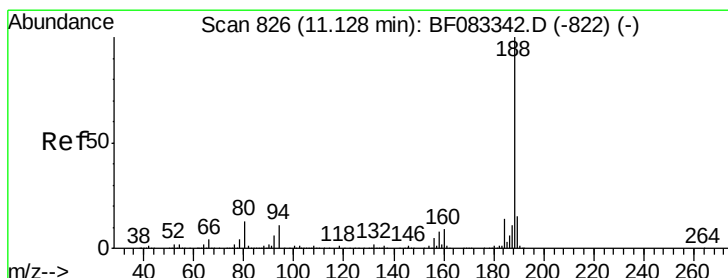
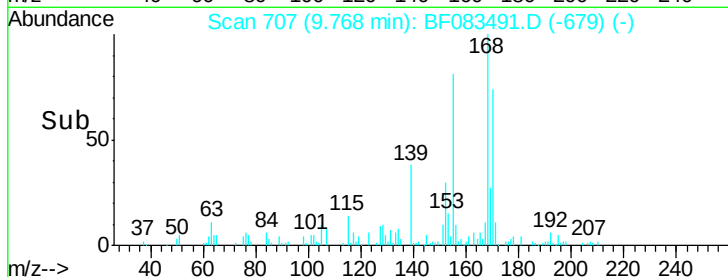
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

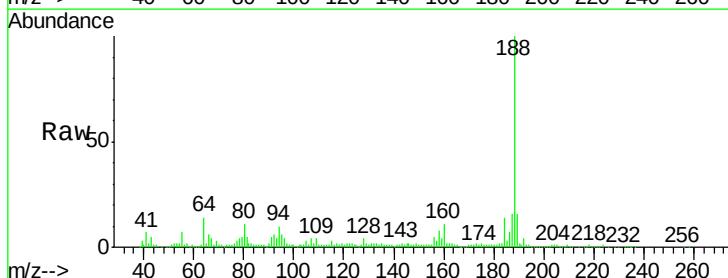
Tgt Ion:188 Resp: 417153

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

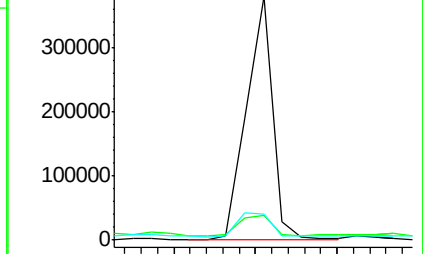
80 10.8 10.3 15.5



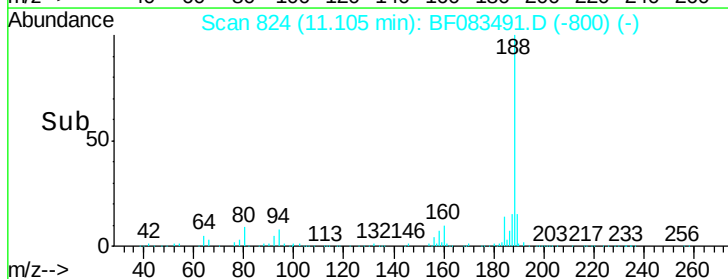
Abundance Ion 188.00 (187.70 to 188.70): E

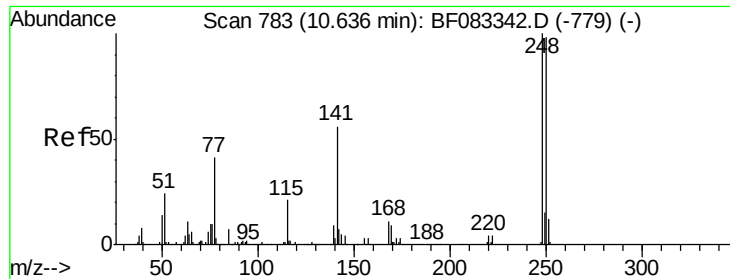
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#66

4-Bromophenyl-phenylether

Concen: 4.77 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

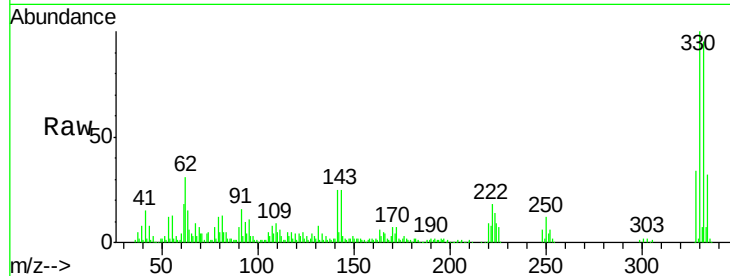
Tgt Ion:248 Resp: 21778

Ion Ratio Lower Upper

248 100

250 199.2 78.6 118.0#

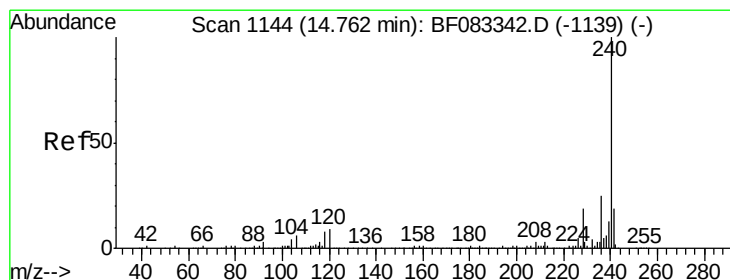
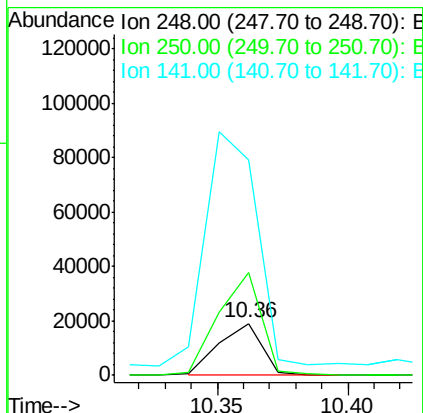
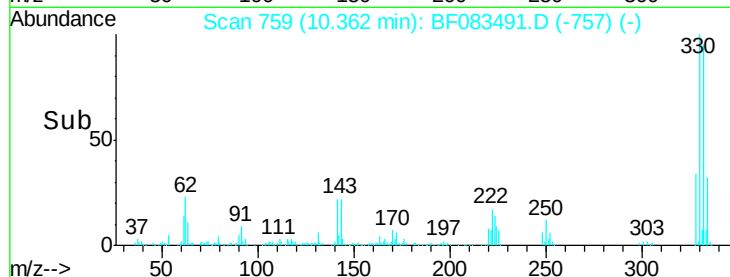
141 416.2 44.4 66.6#



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: 14.71 min Scan# 1139

Delta R.T. -0.06 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

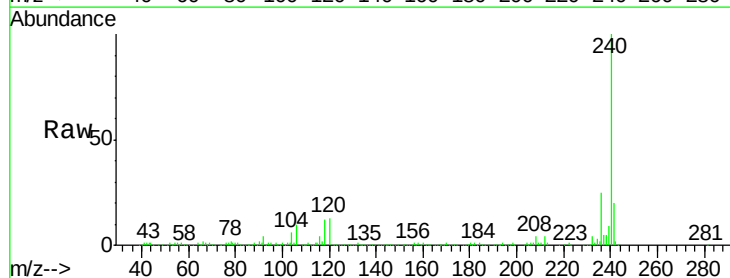
Tgt Ion:240 Resp: 351300

Ion Ratio Lower Upper

240 100

120 12.6 6.9 10.3#

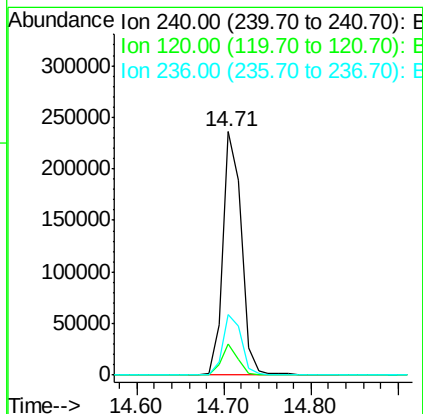
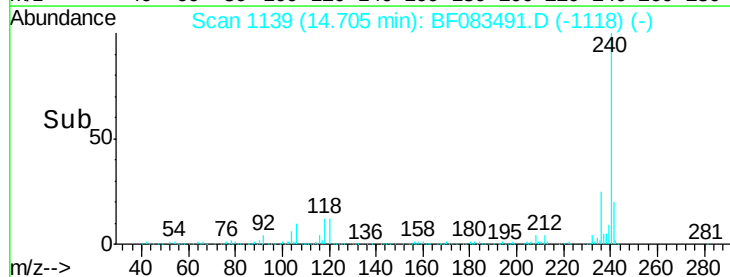
236 25.1 19.8 29.6

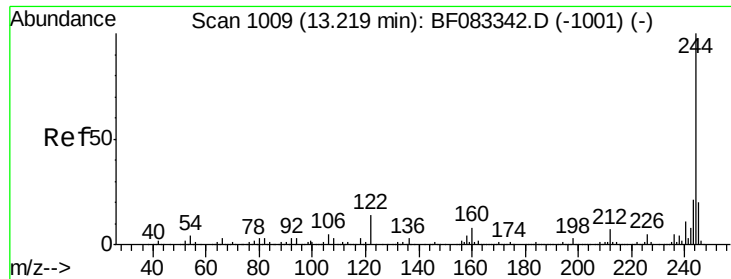


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.94 ng

RT: 13.19 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

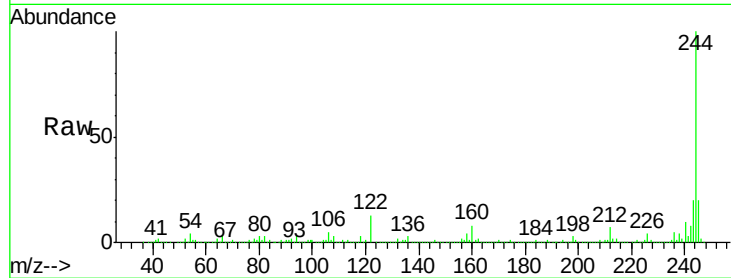
Tgt Ion:244 Resp: 1207015

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

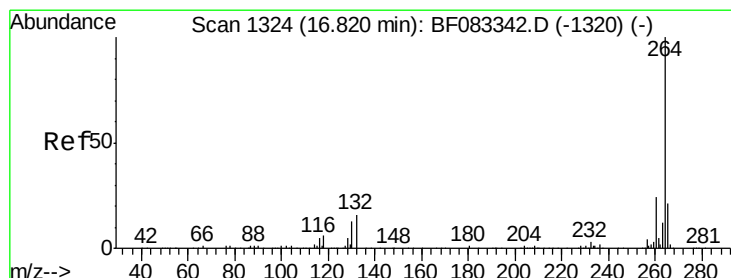
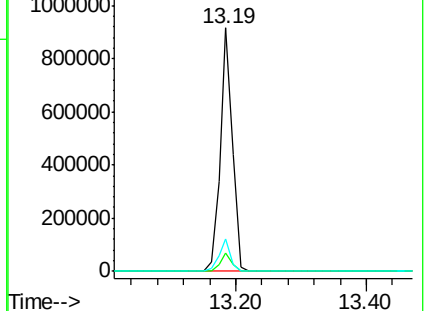
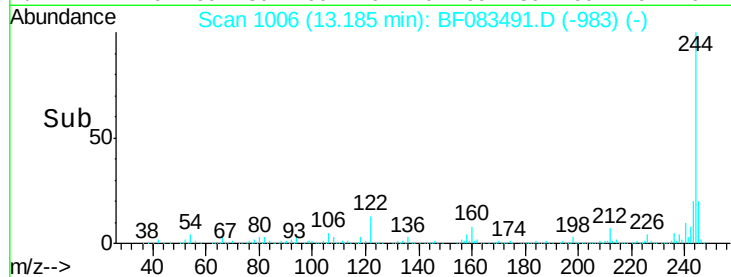
122 13.4 11.0 16.4



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: 16.77 min Scan# 1320

Delta R.T. -0.05 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

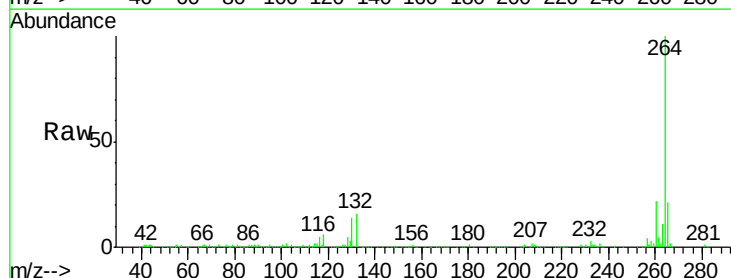
Tgt Ion:264 Resp: 276064

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 21.3 16.8 25.2



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

