

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083488.D
 Acq On : 4 Dec 2015 5:29
 Operator : UM/IZ
 Sample : G4588-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Dec 04 06:21:48 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

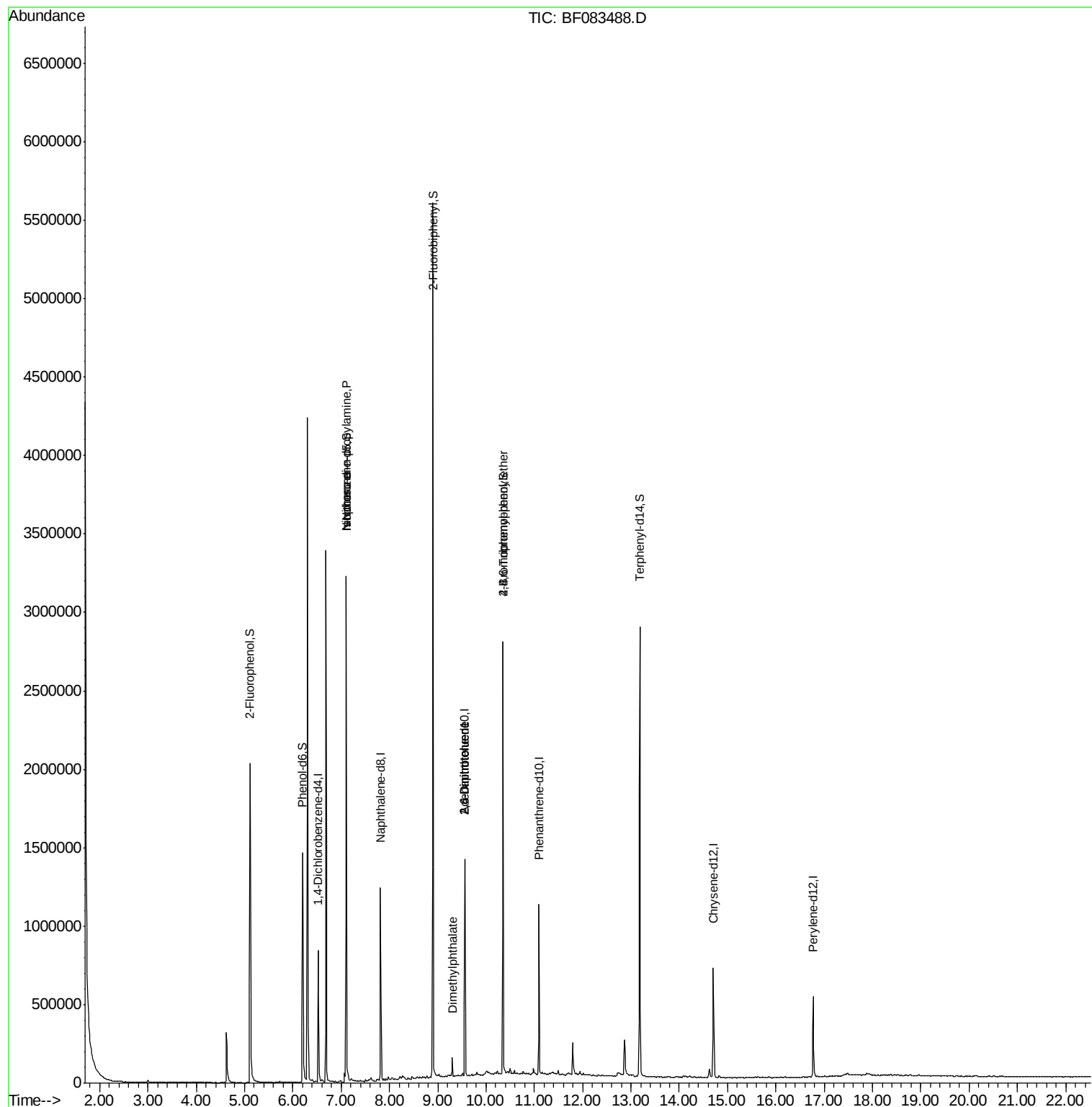
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	160225	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	592049	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	278457	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	425102	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	341736	20.00	ng	-0.06
86) Perylene-d12	16.77	264	267873	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	686161	64.26	ng	-0.01
7) Phenol-d6	6.20	99	588862	40.29	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1159675	86.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	300033	107.34	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1688176	86.40	ng	-0.02
78) Terphenyl-d14	13.19	244	1240579	86.58	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.20	77	957	Below Cal	#	46
19) n-Nitroso-di-n-propylamine	7.10	70	161982	15.51 ng	#	82
25) Isophorone	7.10	82	899406	34.48 ng	#	70
49) Dimethylphthalate	9.30	163	48102	2.13 ng		98
50) 2,6-Dinitrotoluene	9.56	165	35907	7.43 ng	#	19
56) 2,4-Dinitrotoluene	9.56	165	35907	5.86 ng	#	6
66) 4-Bromophenyl-phenylether	10.35	248	22831	4.91 ng	#	1

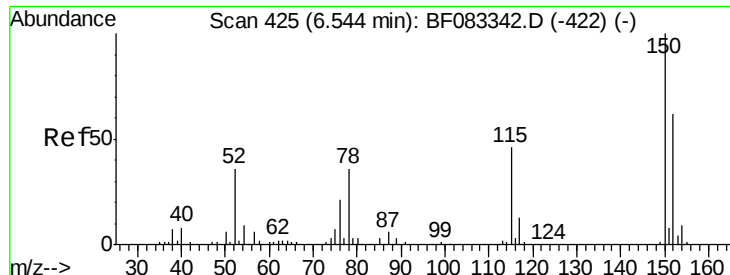
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-04

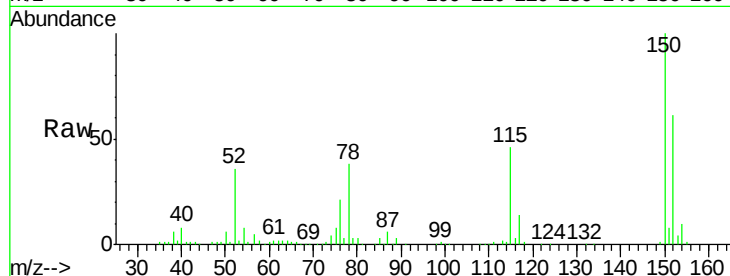
Tgt Ion:152 Resp: 160225

Ion Ratio Lower Upper

152 100

150 162.7 129.8 194.8

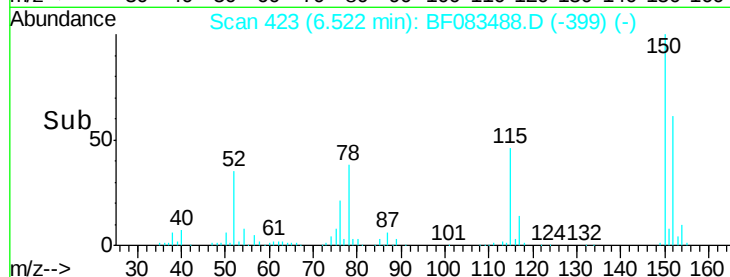
115 75.1 59.2 88.8



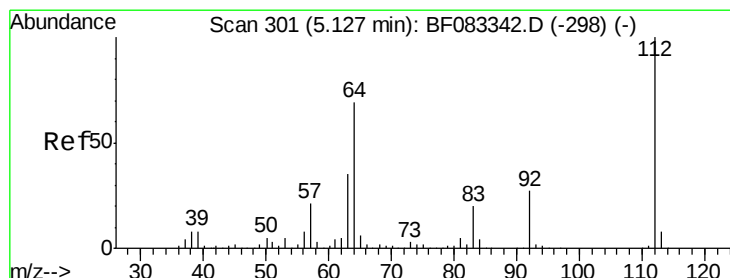
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 64.26 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

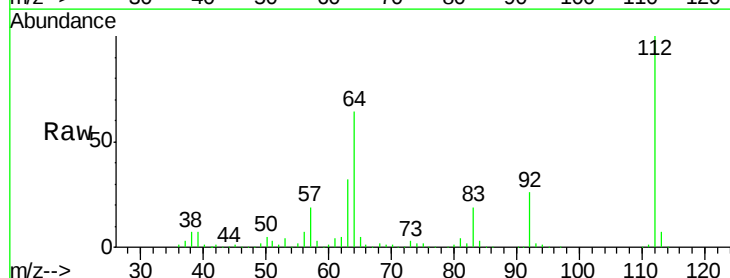
Tgt Ion:112 Resp: 686161

Ion Ratio Lower Upper

112 100

64 63.7 55.6 83.4

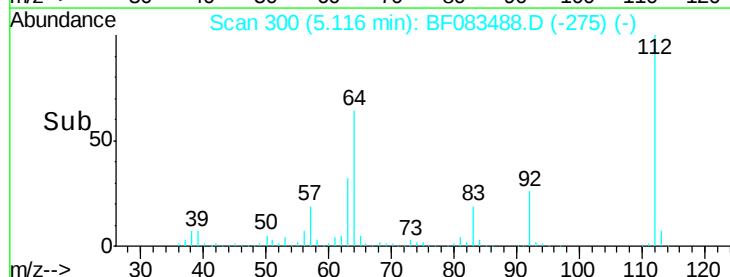
63 32.4 28.2 42.2



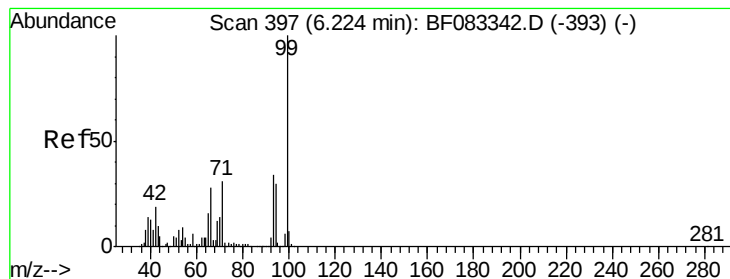
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 40.29 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-04

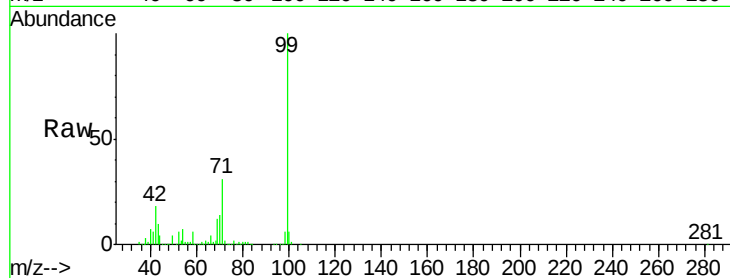
Tgt Ion: 99 Resp: 588862

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

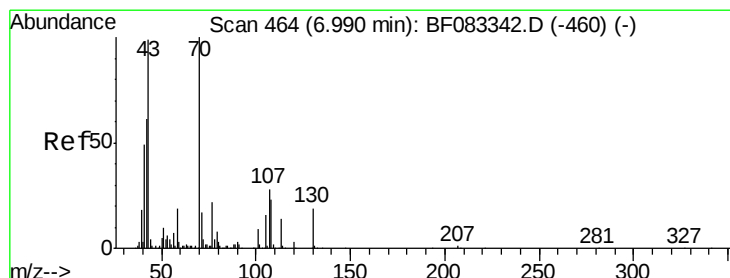
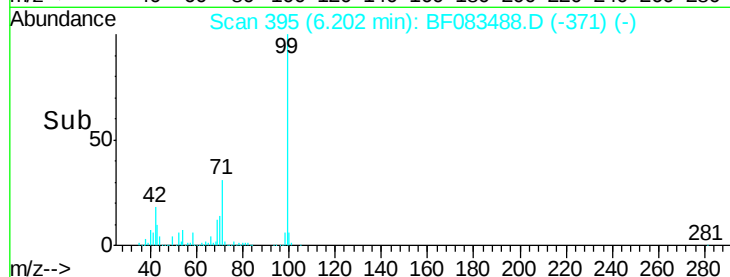
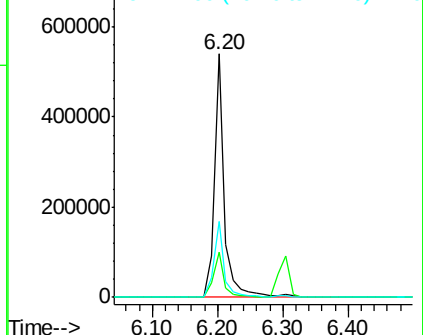
71 31.3 24.7 37.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.51 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

Tgt Ion: 70 Resp: 161982

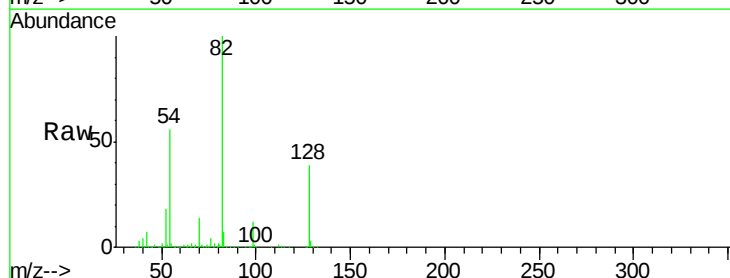
Ion Ratio Lower Upper

70 100

42 52.3 48.8 73.2

101 0.0 7.1 10.7#

130 1.8 15.0 22.6#

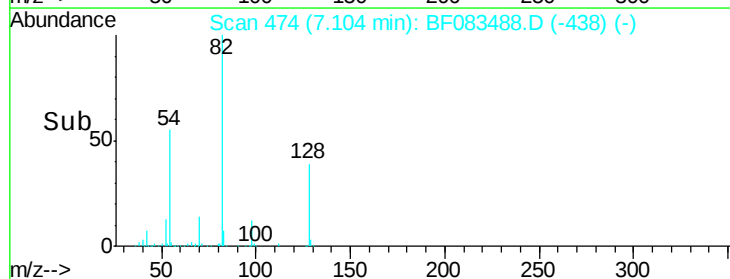
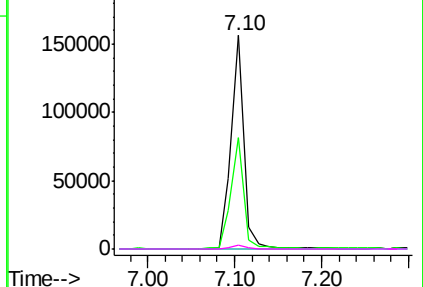


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-04

Tgt Ion: 136 Resp: 592049

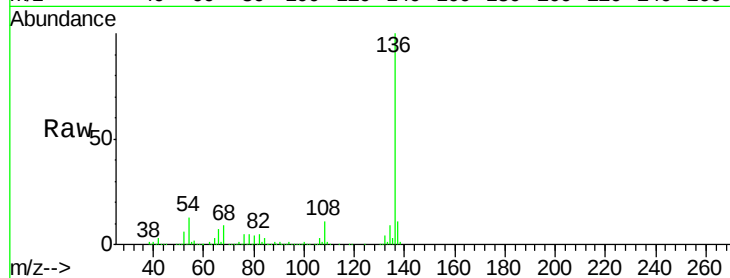
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 12.9 10.1 15.1

68 8.7 7.1 10.7

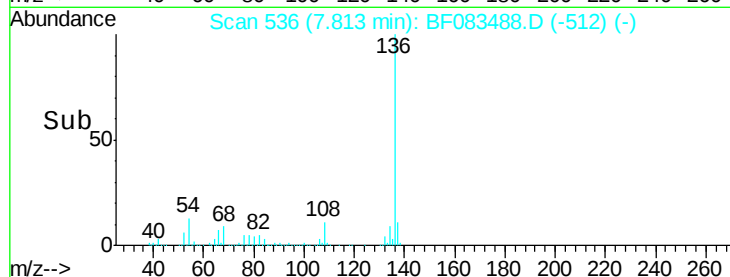


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

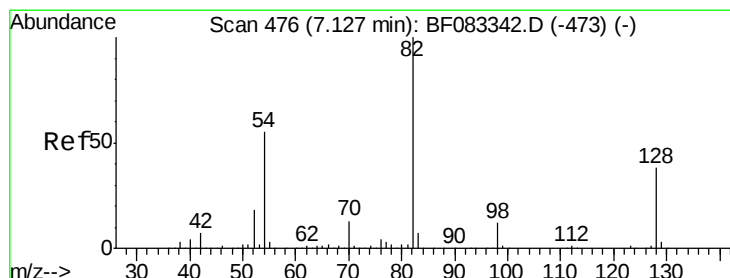
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.81



#23

Nitrobenzene-d5

Concen: 86.10 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

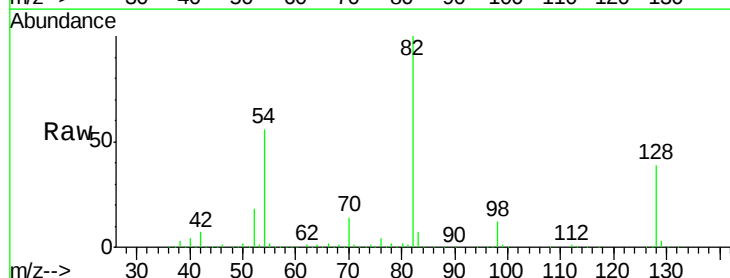
Tgt Ion: 82 Resp: 1159675

Ion Ratio Lower Upper

82 100

128 38.5 30.6 46.0

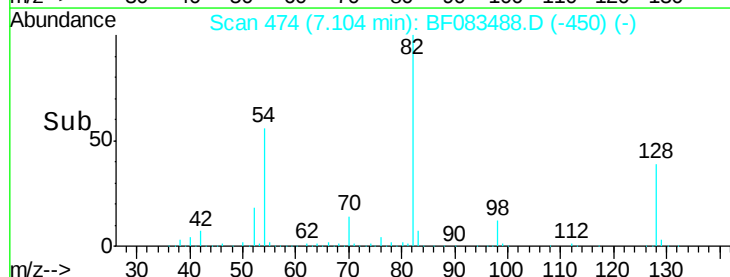
54 56.3 43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

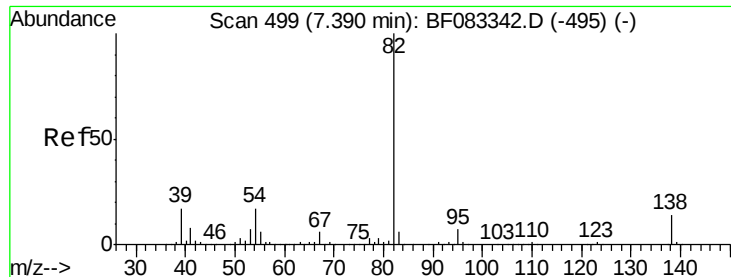
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.10



#25

Isophorone

Concen: 34.48 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

Instrument :

BNA_F

ClientSampled :

MW-04

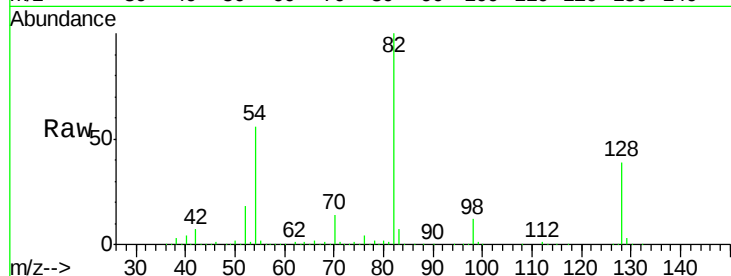
Tgt Ion: 82 Resp: 899406

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

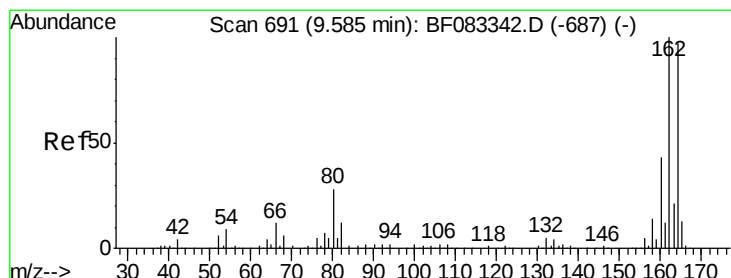
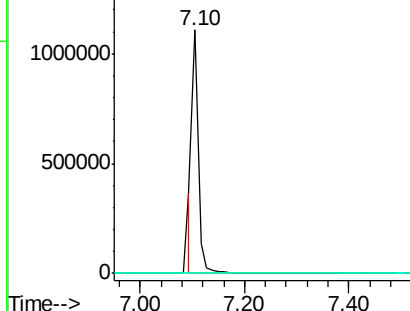
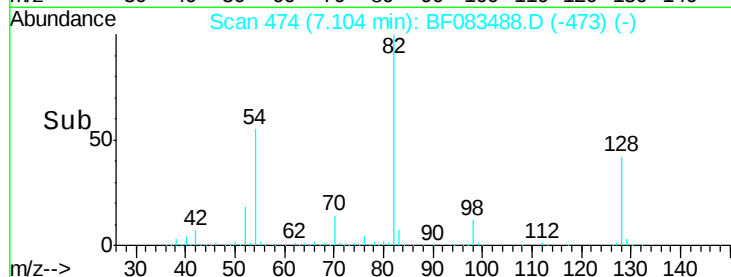
138 0.0 11.6 17.4#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

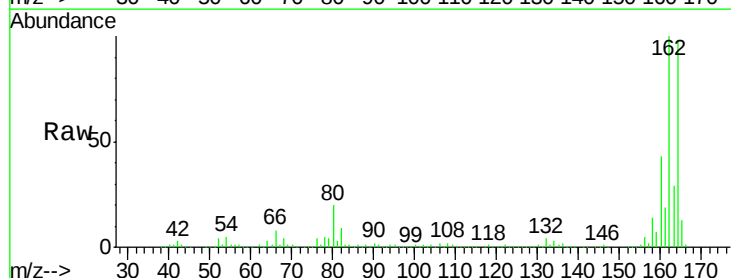
Tgt Ion: 164 Resp: 278457

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

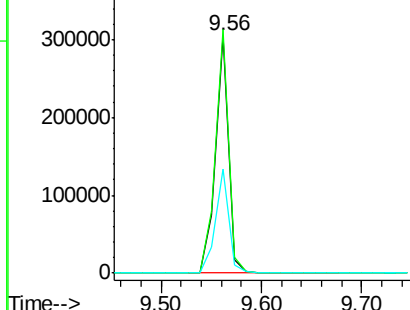
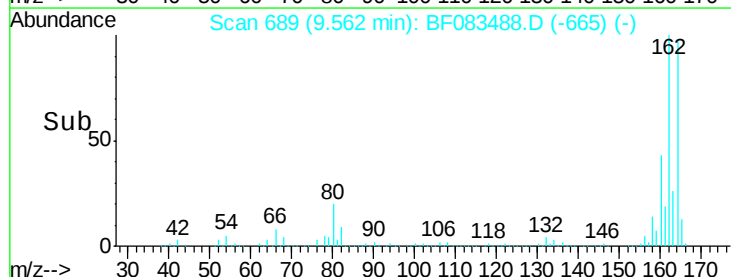
160 44.0 35.3 52.9

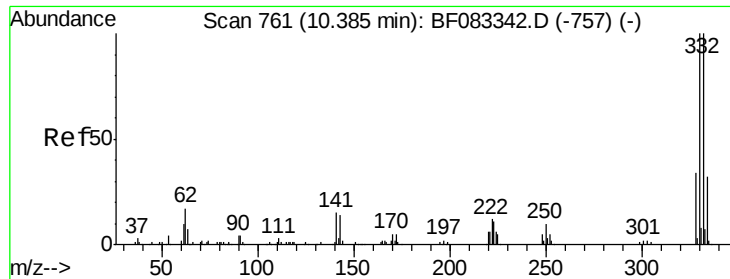


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

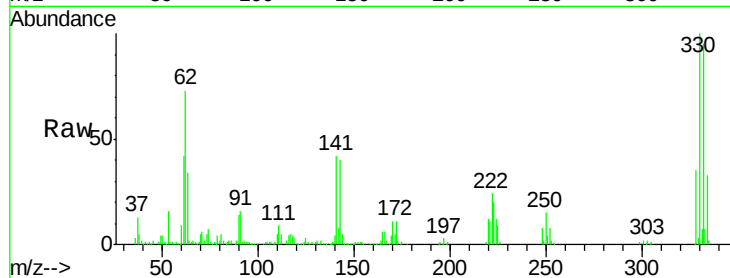




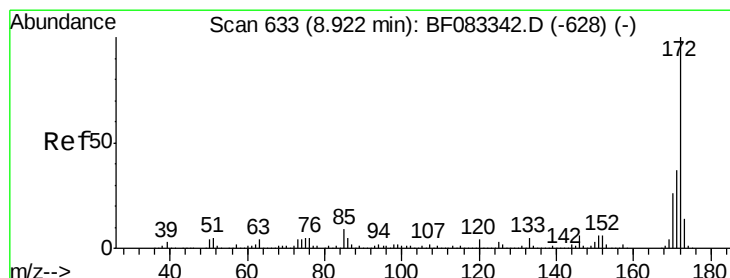
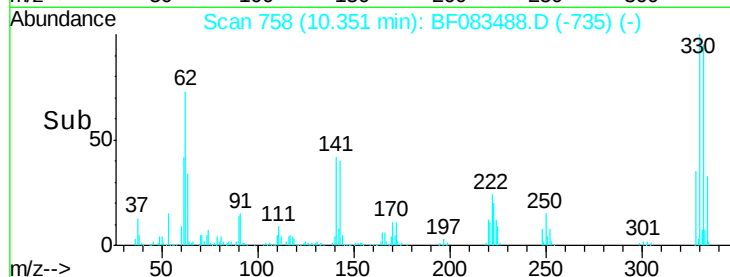
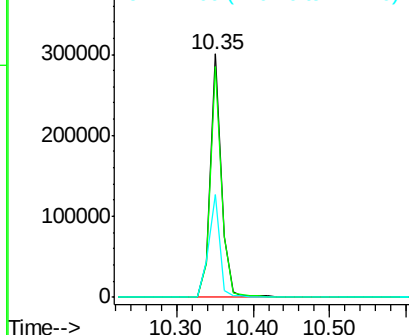
#41
 2,4,6-Tribromophenol
 Concen: 107.34 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083488.D
 Acq: 4 Dec 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	43.2	29.4	44.0

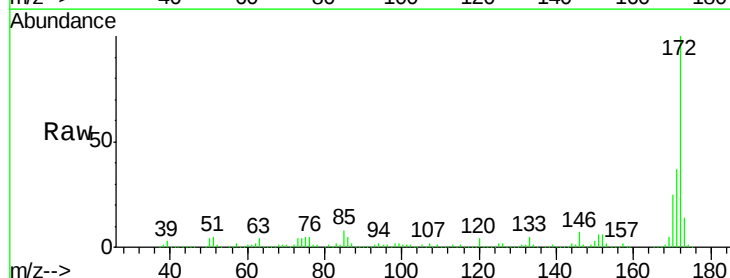


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

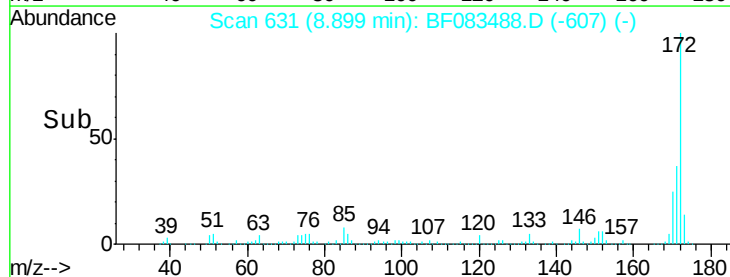
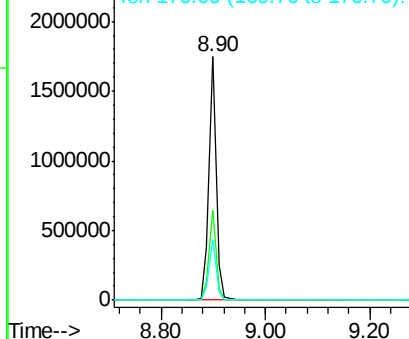


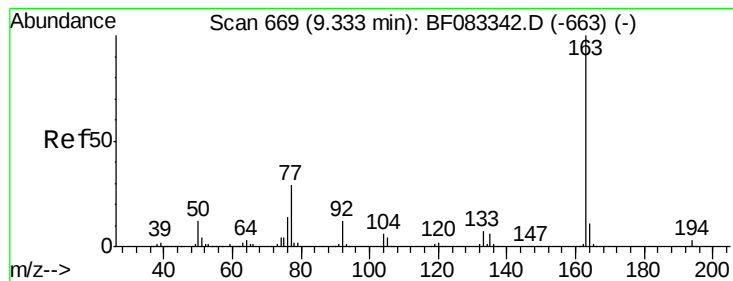
#44
 2-Fluorobiphenyl
 Concen: 86.40 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083488.D
 Acq: 4 Dec 2015 5:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	25.1	20.4	30.6



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: 2.13 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-04

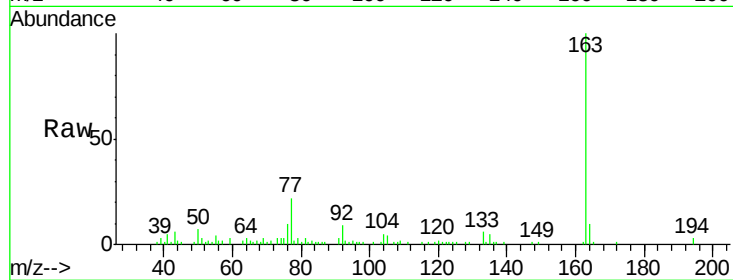
Tgt Ion:163 Resp: 48102

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

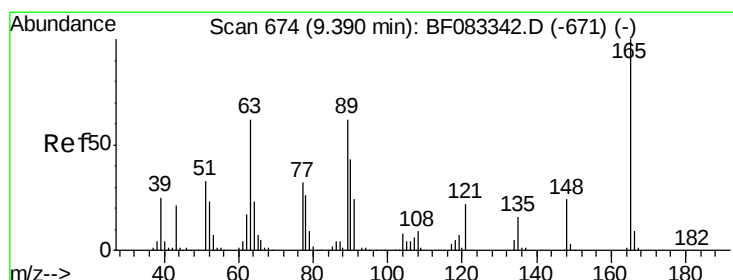
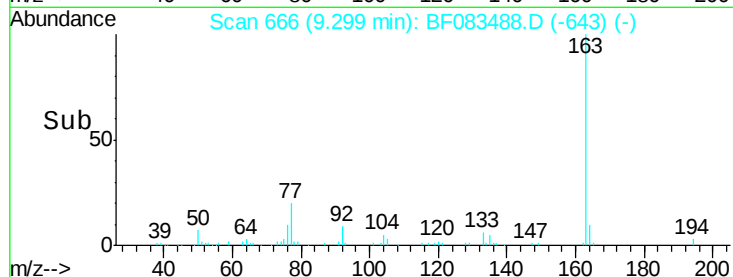
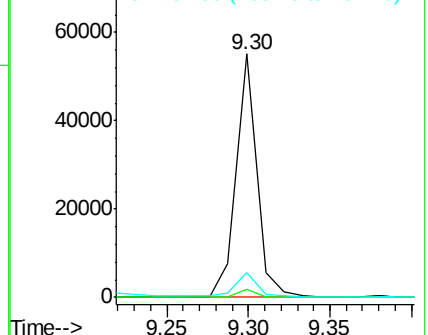
164 9.9 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 7.43 ng

RT: 9.56 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

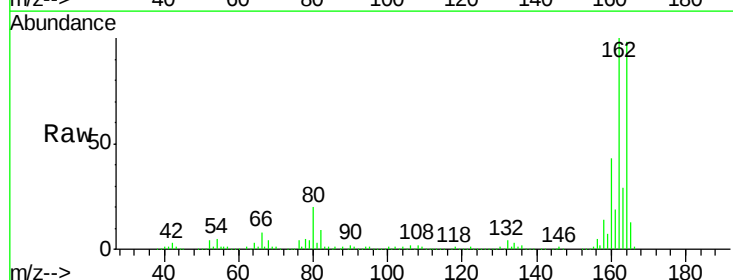
Tgt Ion:165 Resp: 35907

Ion Ratio Lower Upper

165 100

63 1.9 56.0 84.0#

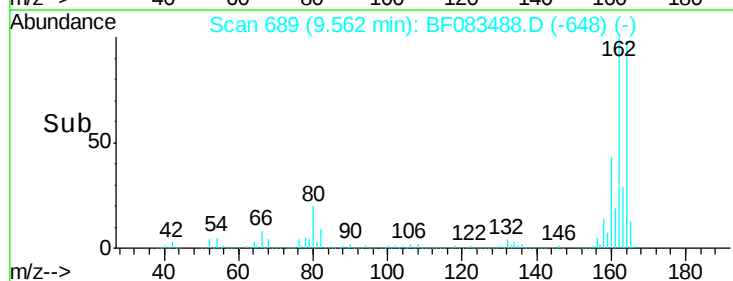
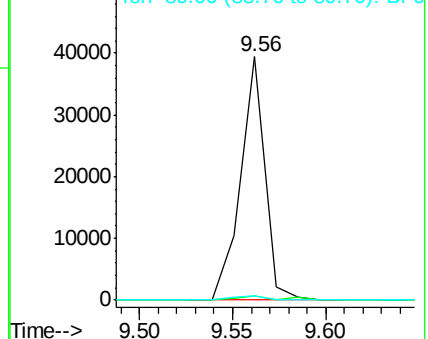
89 1.6 49.8 74.8#

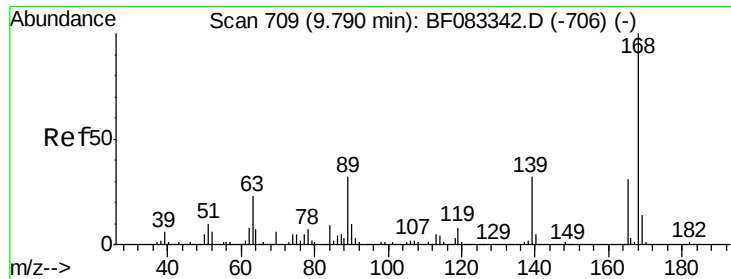


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

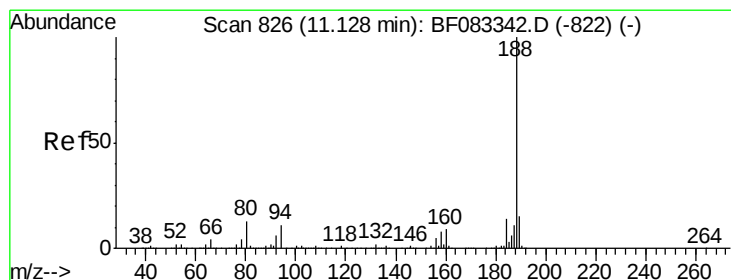
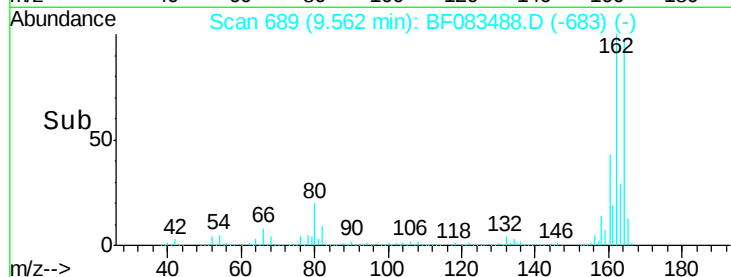
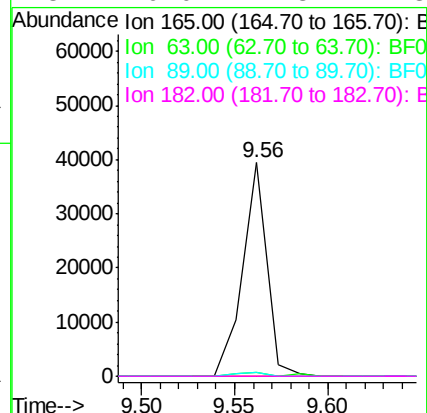
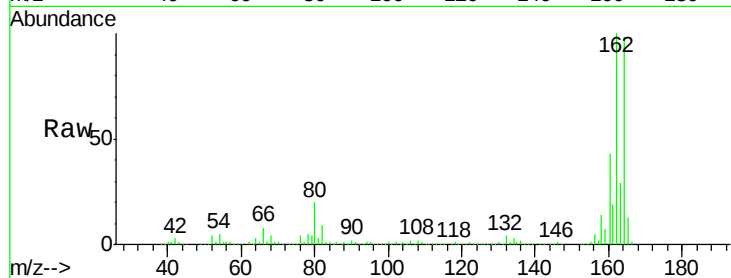




#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.23 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

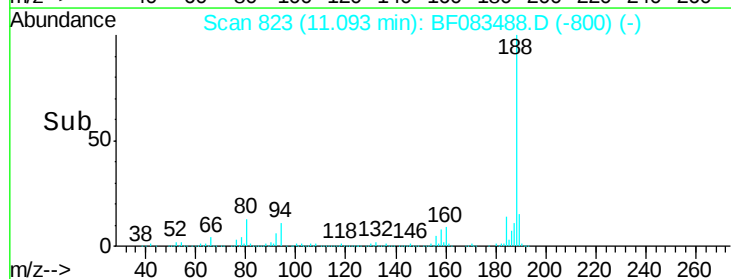
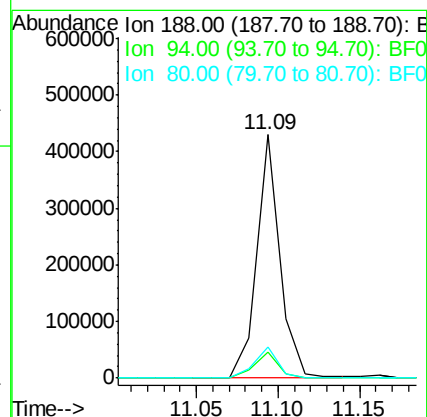
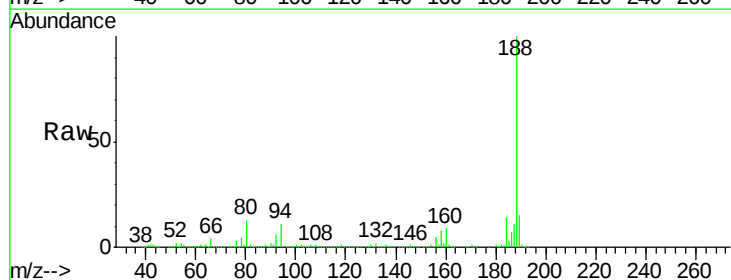
Instrument :
BNA_F
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MW-04

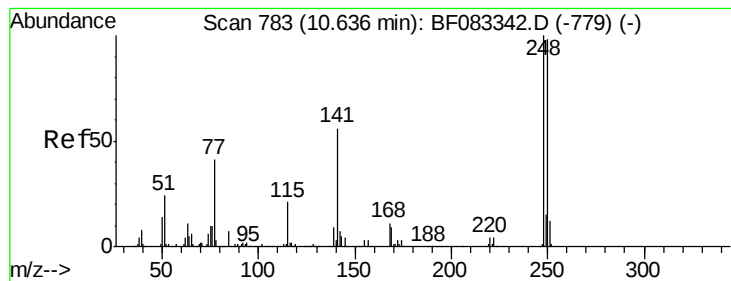
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	35907		
63	1.9	65.4	98.0#	
89	1.6	81.2	121.8#	
182	0.0	1.8	2.8#	



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	425102		
94	10.9	8.7	13.1	
80	12.7	10.3	15.5	





#66

4-Bromophenyl-phenylether

Concen: 4.91 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.29 min

Lab File: BF083488.D

Acq: 4 Dec 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-04

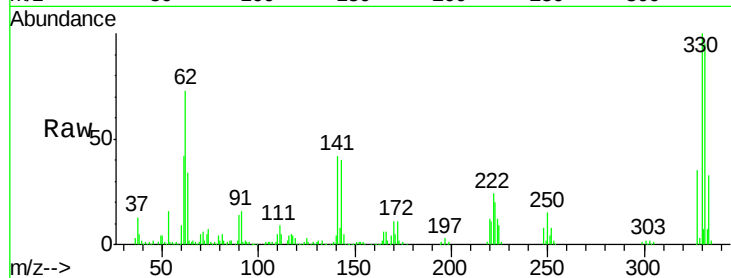
Tgt Ion:248 Resp: 22831

Ion Ratio Lower Upper

248 100

250 176.3 78.6 118.0#

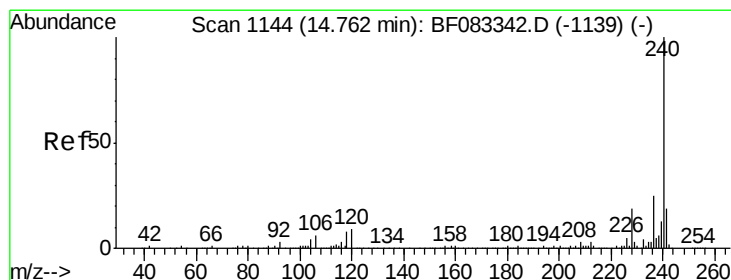
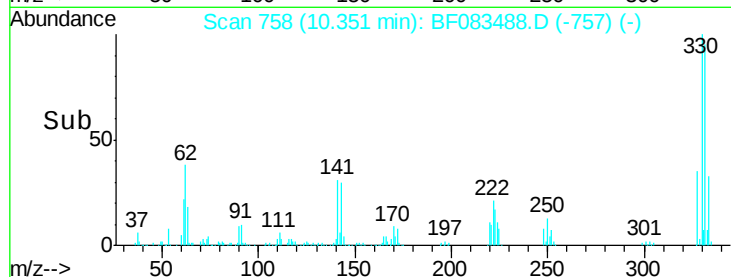
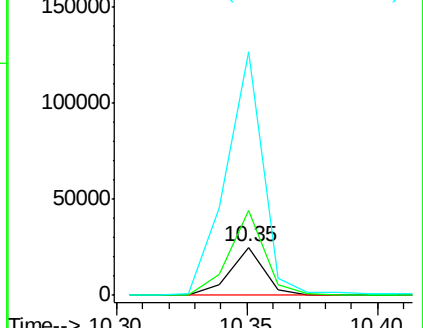
141 507.4 44.4 66.6#



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: BF083488.D

Acq: 4 Dec 2015 5:29

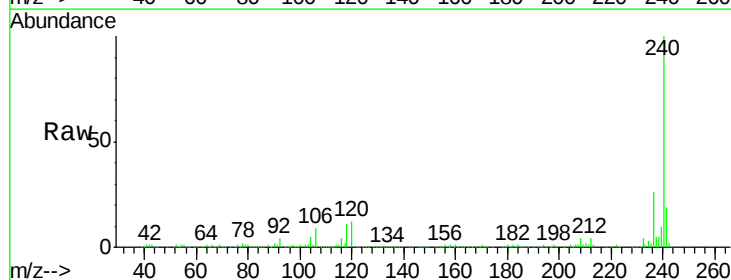
Tgt Ion:240 Resp: 341736

Ion Ratio Lower Upper

240 100

120 12.1 6.9 10.3#

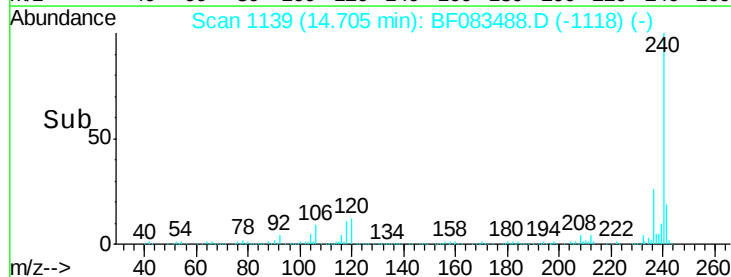
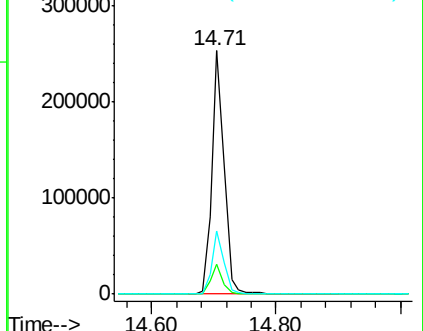
236 26.1 19.8 29.6

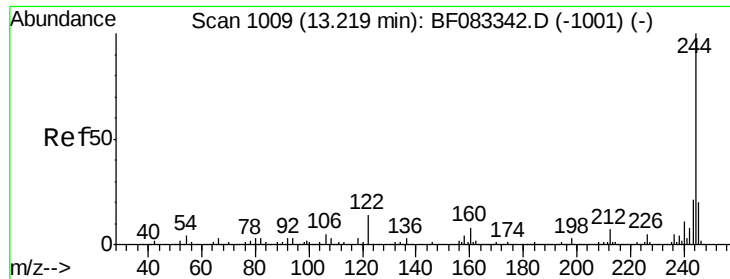


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

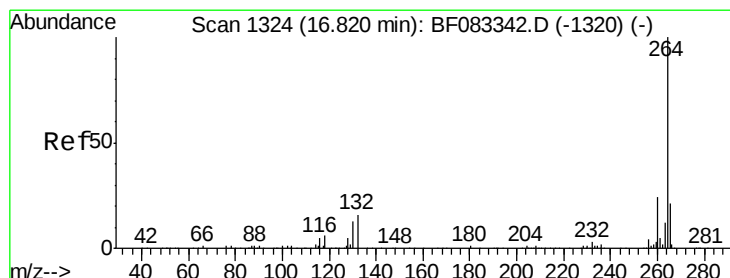
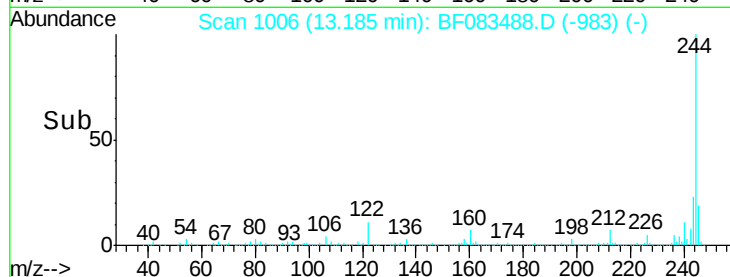
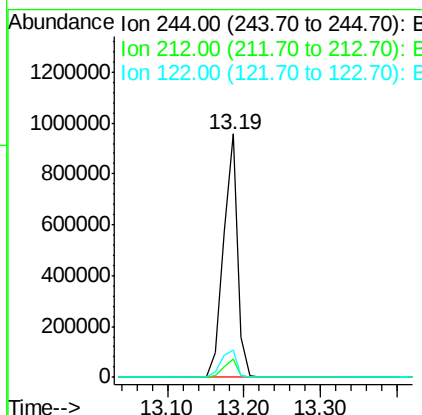
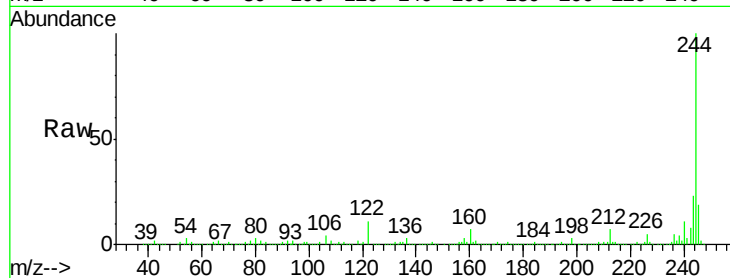




#78
 Terphenyl-d14
 Concen: 86.58 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083488.D
 Acq: 4 Dec 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:244 Resp: 1240579
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083488.D
 Acq: 4 Dec 2015 5:29

Tgt Ion:264 Resp: 267873
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.6 16.8 25.2

