

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120315\
 Data File : BF083485.D
 Acq On : 4 Dec 2015 3:57
 Operator : UM/IZ
 Sample : G4588-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Dec 04 04:41:55 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

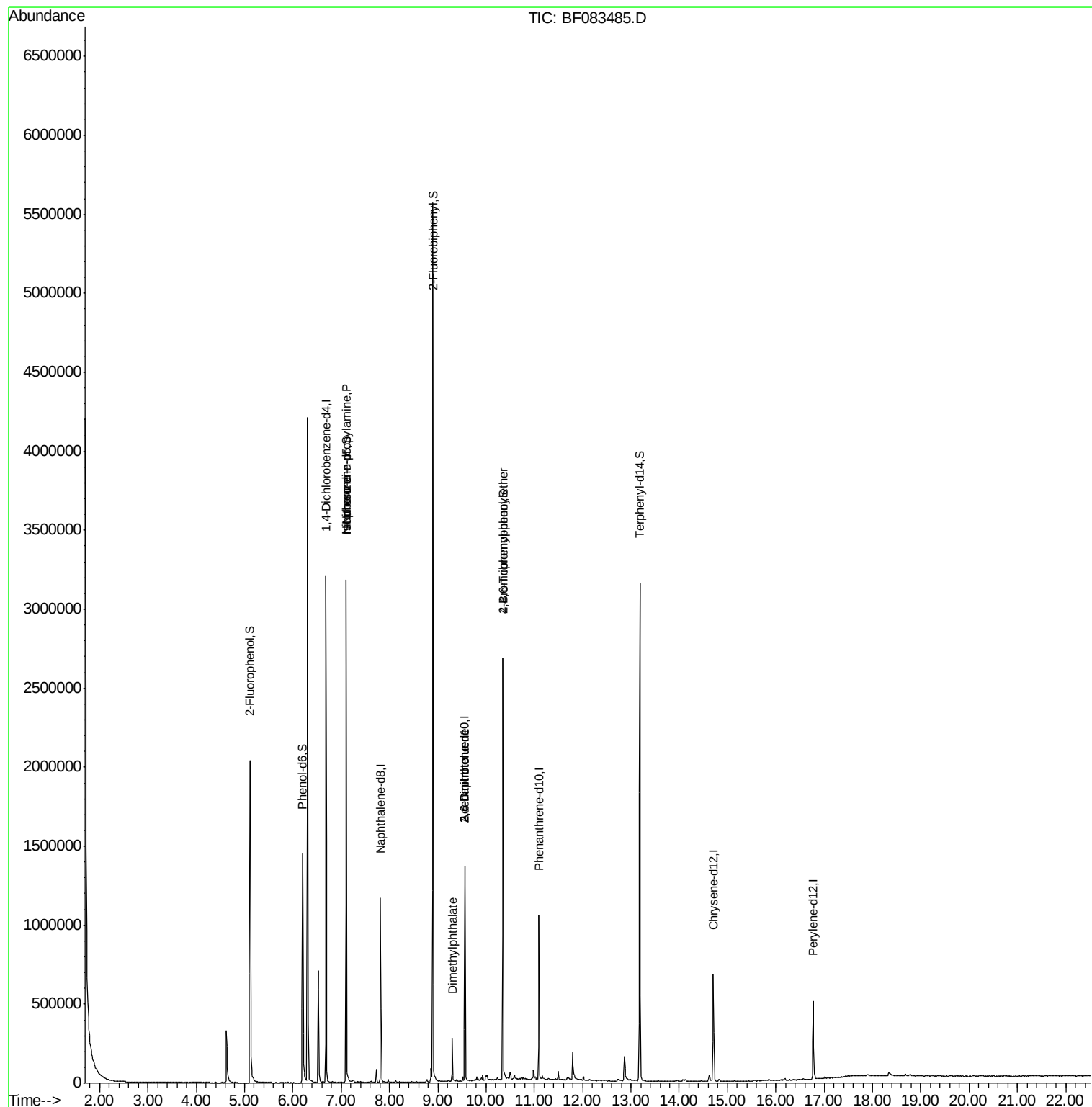
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	562254	20.00	ng	0.14
21) Naphthalene-d8	7.81	136	560279	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	267294	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	406613	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	333979	20.00	ng	-0.06
86) Perylene-d12	16.77	264	265108	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	695058	18.55	ng	-0.01
7) Phenol-d6	6.20	99	612763	11.95	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1146379	89.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	301485	112.36	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1664311	88.73	ng	-0.02
78) Terphenyl-d14	13.19	244	1332731	95.17	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.30	77	29629	Below Cal	#	80
19) n-Nitroso-di-n-propylamine	7.10	70	156530	4.27 ng	#	82
25) Isophorone	7.10	82	866726	35.11 ng	#	70
49) Dimethylphthalate	9.30	163	111774	5.15 ng		98
50) 2,6-Dinitrotoluene	9.56	165	32706	7.05 ng	#	19
56) 2,4-Dinitrotoluene	9.56	165	32706	5.56 ng	#	6
66) 4-Bromophenyl-phenylether	10.35	248	21553	4.85 ng	#	1

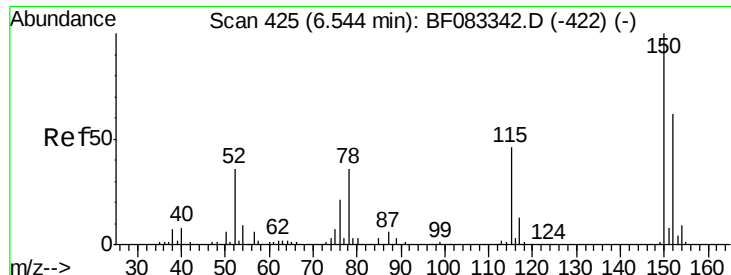
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.68 min Scan# 437

Delta R.T. 0.14 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

Instrument :

BNA_F

ClientSampleId :

MW-03

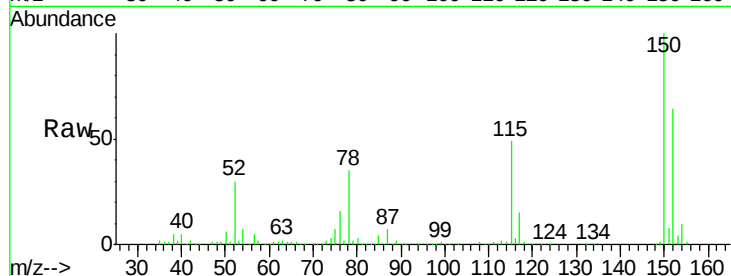
Tgt Ion:152 Resp: 562254

Ion Ratio Lower Upper

152 100

150 157.0 129.8 194.8

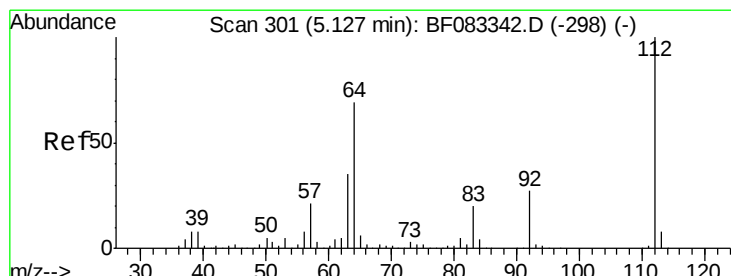
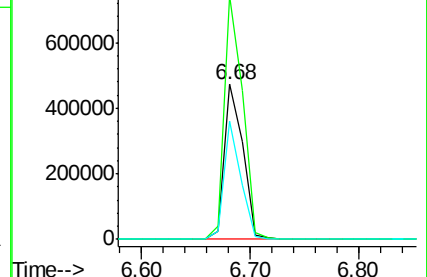
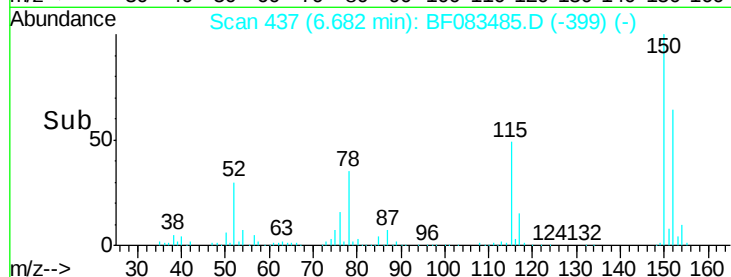
115 76.5 59.2 88.8



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: 18.55 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

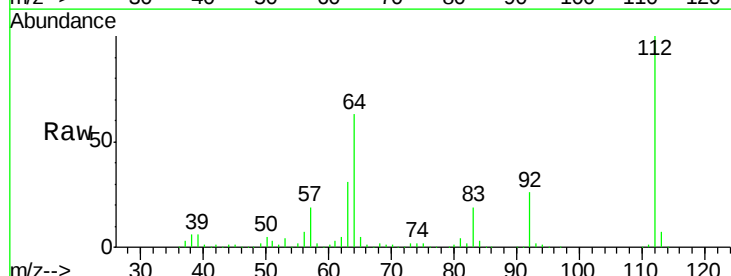
Tgt Ion:112 Resp: 695058

Ion Ratio Lower Upper

112 100

64 62.6 55.6 83.4

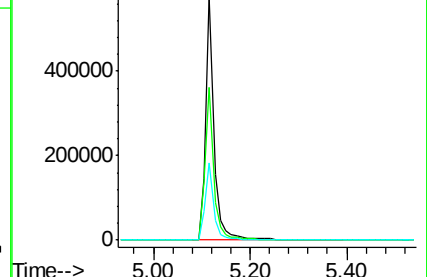
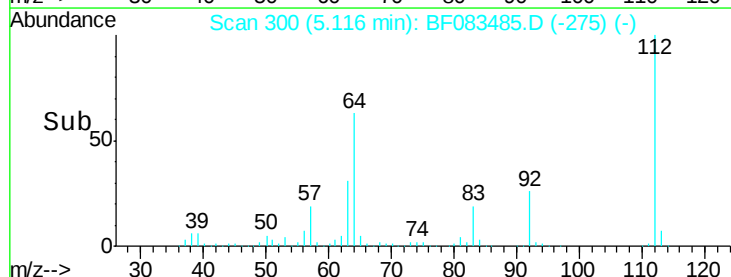
63 31.5 28.2 42.2



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: 11.95 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

Instrument :

BNA_F

ClientSampleId :

MW-03

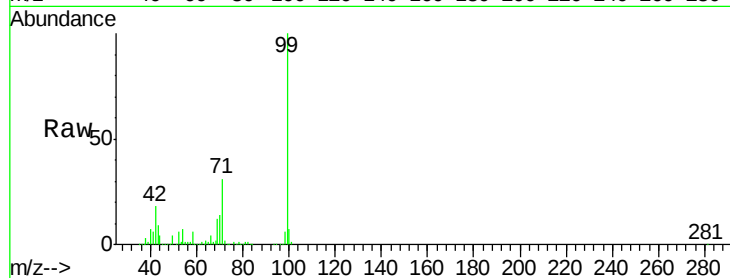
Tgt Ion: 99 Resp: 612763

Ion Ratio Lower Upper

99 100

42 17.6 14.9 22.3

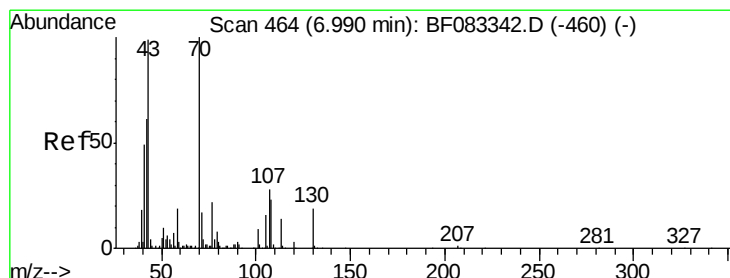
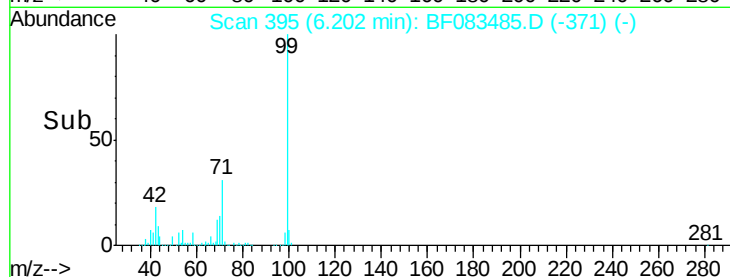
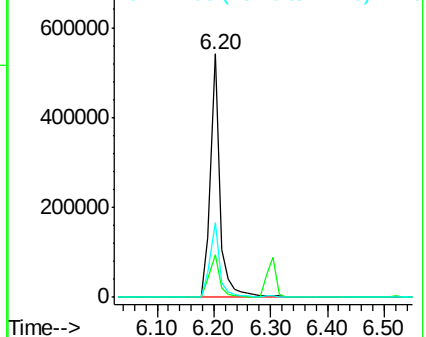
71 30.8 24.7 37.1



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: 4.27 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

Tgt Ion: 70 Resp: 156530

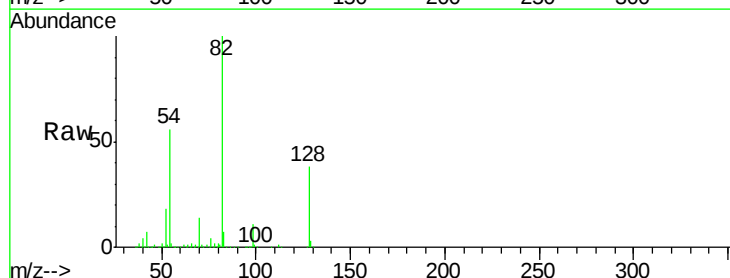
Ion Ratio Lower Upper

70 100

42 52.1 48.8 73.2

101 0.0 7.1 10.7#

130 2.0 15.0 22.6#

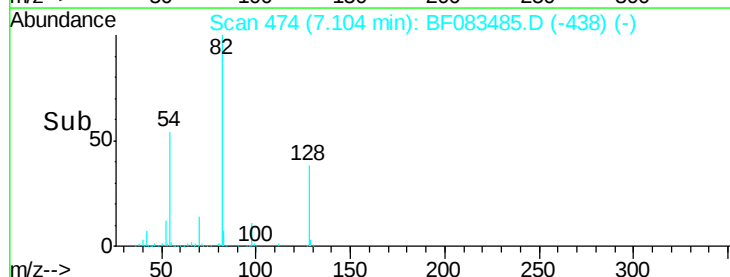
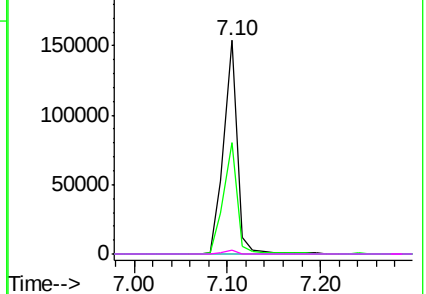


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

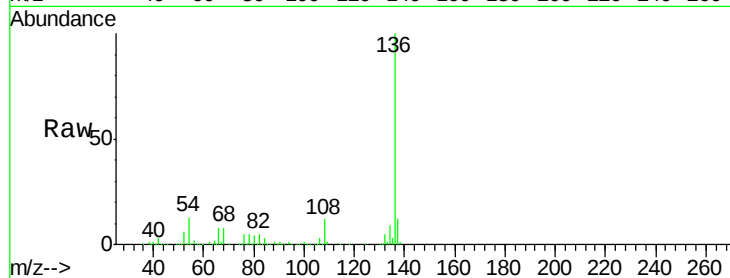




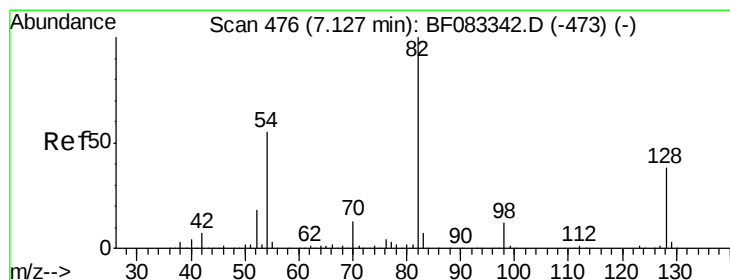
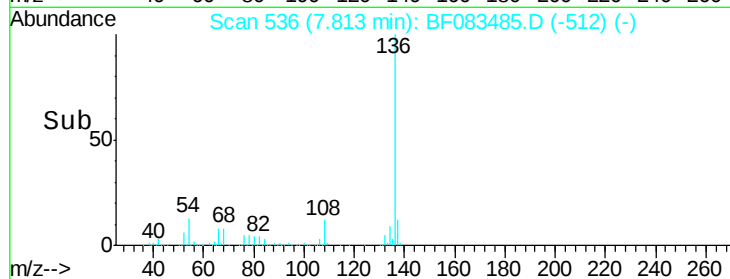
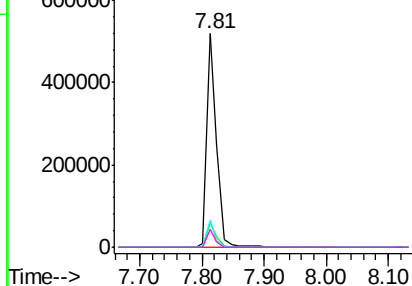
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083485.D
Acq: 4 Dec 2015 3:57

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:	136	Resp:	560279
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	12.6	10.1	15.1
68	8.2	7.1	10.7

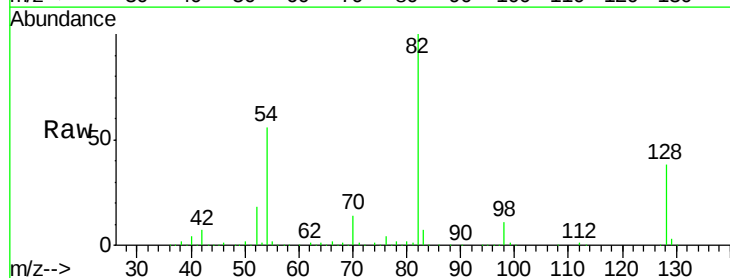


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

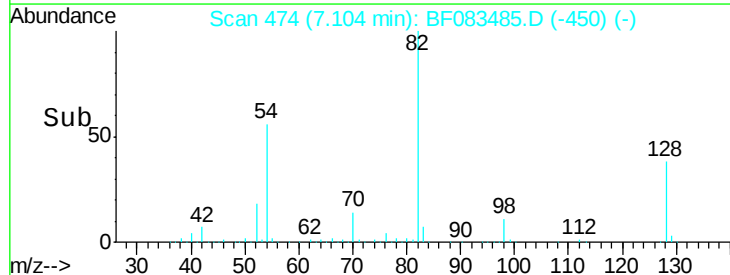
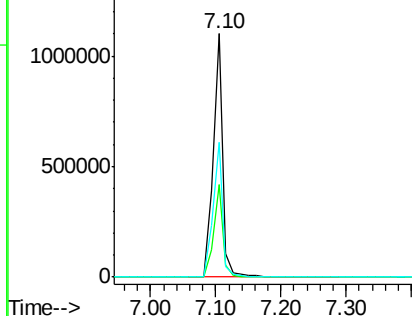


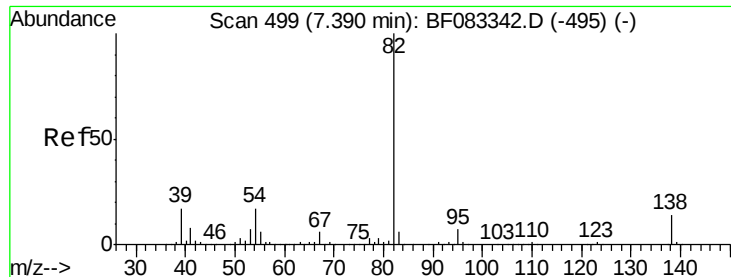
#23
Nitrobenzene-d5
Concen: 89.94 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083485.D
Acq: 4 Dec 2015 3:57

Tgt Ion:	82	Resp:	1146379
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.6	46.0
54	55.6	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: 35.11 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

Instrument :

BNA_F

ClientSampled :

MW-03

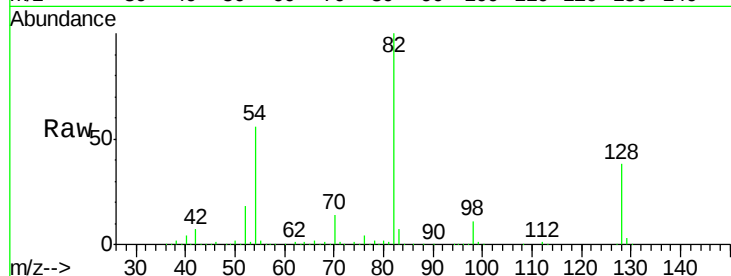
Tgt Ion: 82 Resp: 866726

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

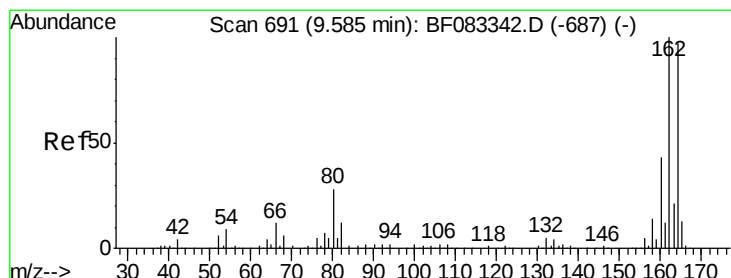
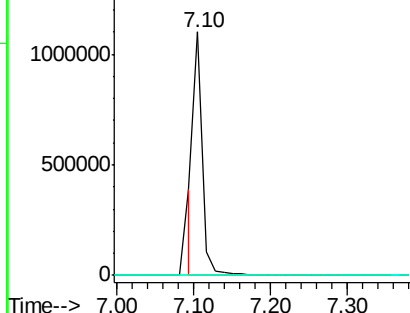
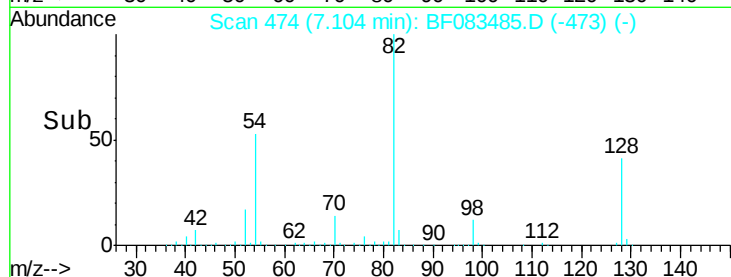
138 0.0 11.6 17.4#



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: BF083485.D

Acq: 4 Dec 2015 3:57

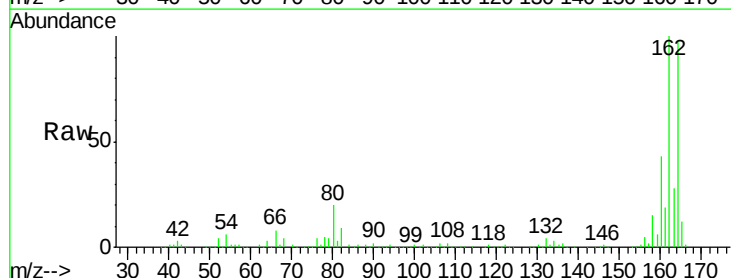
Tgt Ion: 164 Resp: 267294

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

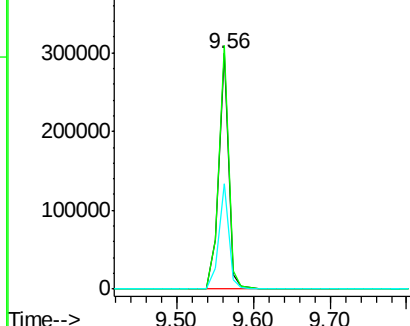
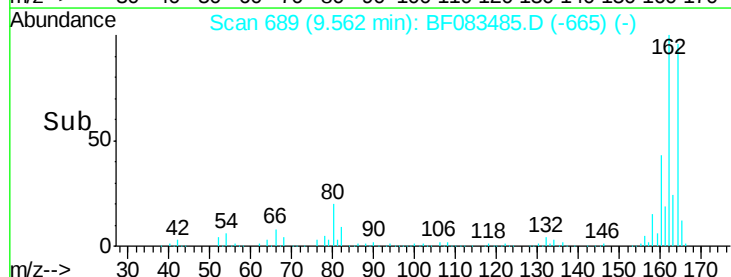
160 44.6 35.3 52.9

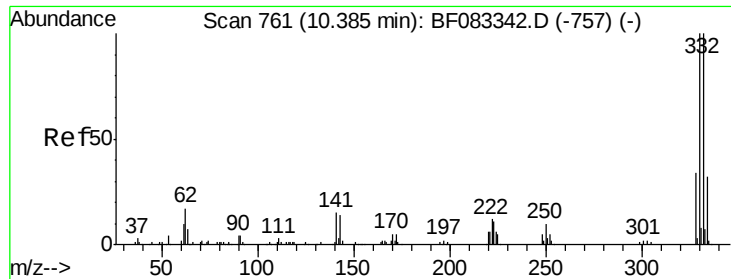


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

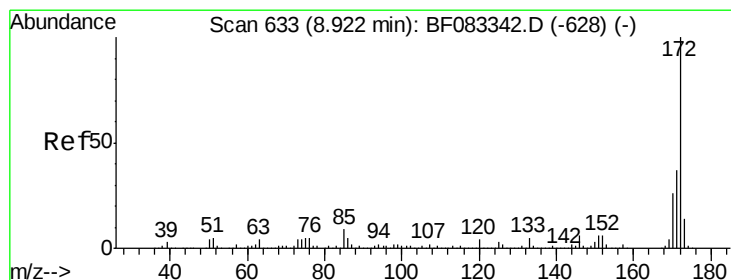
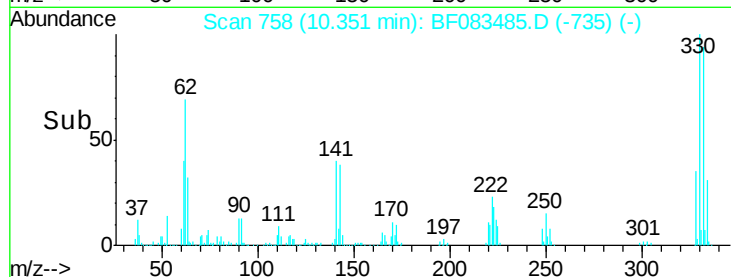
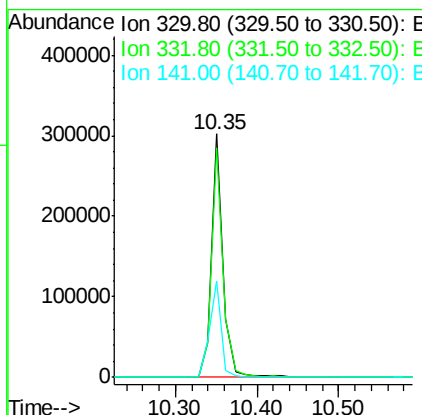
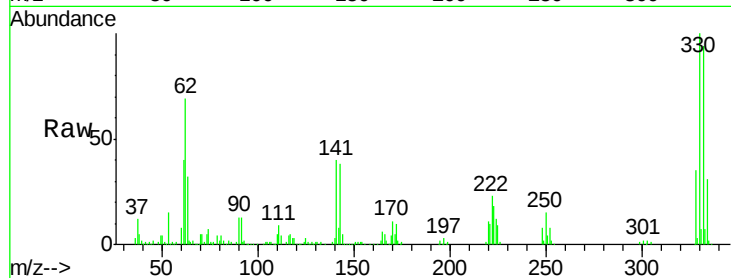




#41
 2,4,6-Tribromophenol
 Concen: 112.36 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083485.D
 Acq: 4 Dec 2015 3:57

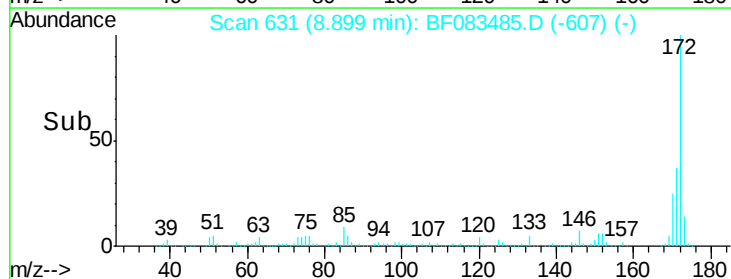
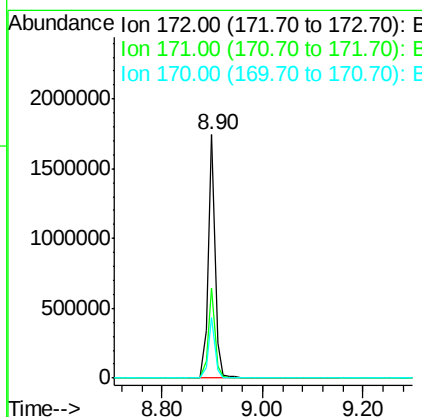
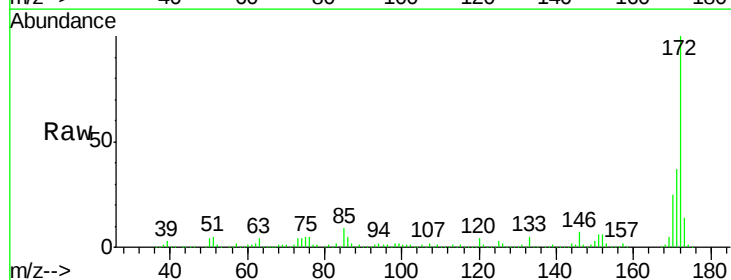
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

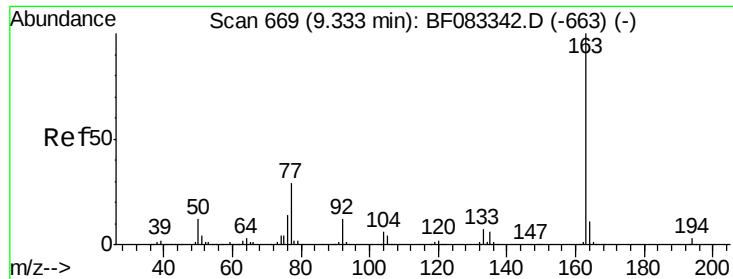
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	41.2	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 88.73 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083485.D
 Acq: 4 Dec 2015 3:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.9	20.4	30.6

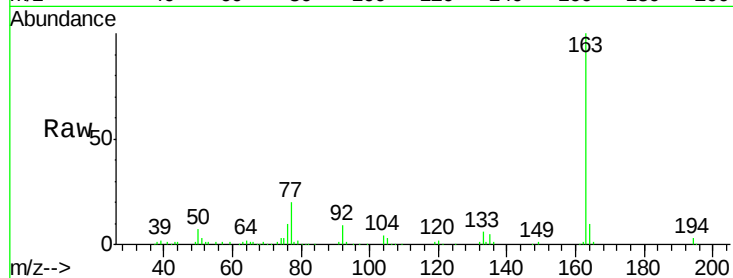




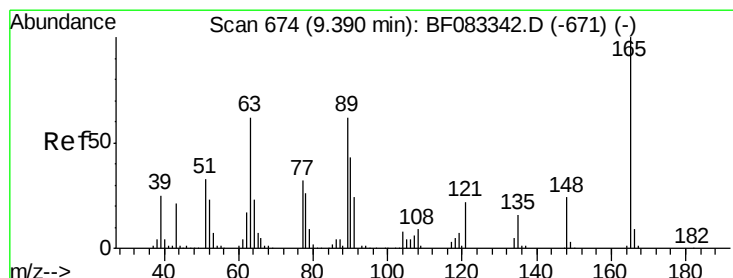
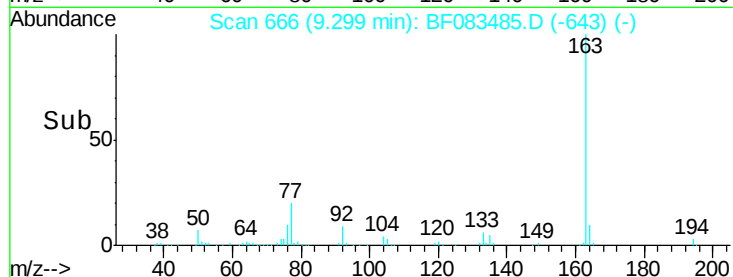
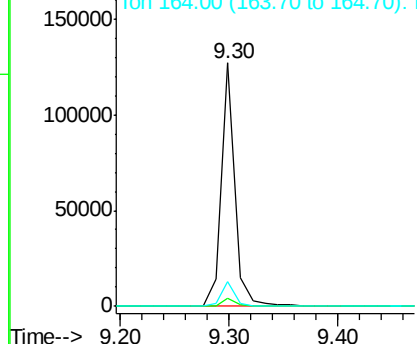
#49
Dimethylphthalate
Concen: 5.15 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083485.D
Acq: 4 Dec 2015 3:57

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:163 Resp: 111774
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.8 13.2

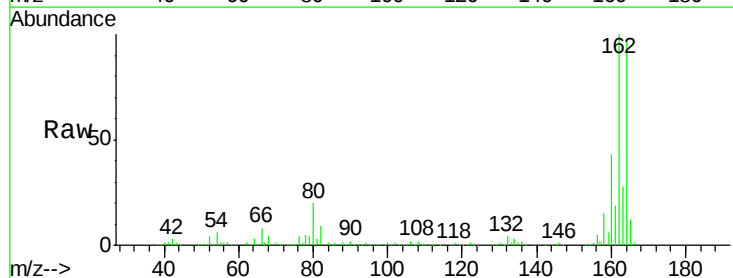


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

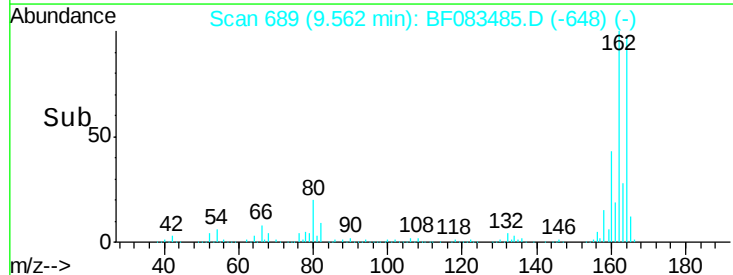
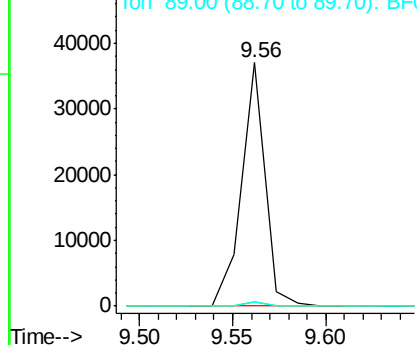


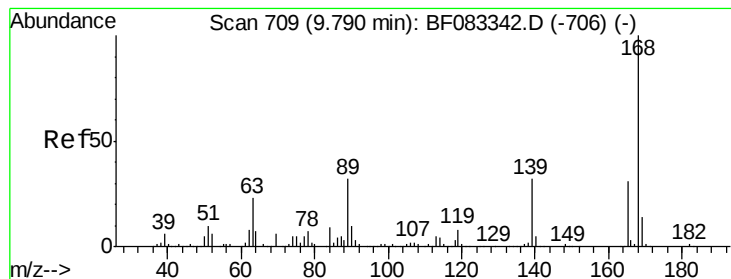
#50
2,6-Dinitrotoluene
Concen: 7.05 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF083485.D
Acq: 4 Dec 2015 3:57

Tgt Ion:165 Resp: 32706
Ion Ratio Lower Upper
165 100
63 1.6 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: 5.56 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.23 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

Instrument :

BNA_F

ClientSampleId :

MW-03

Tgt Ion:165 Resp: 32706

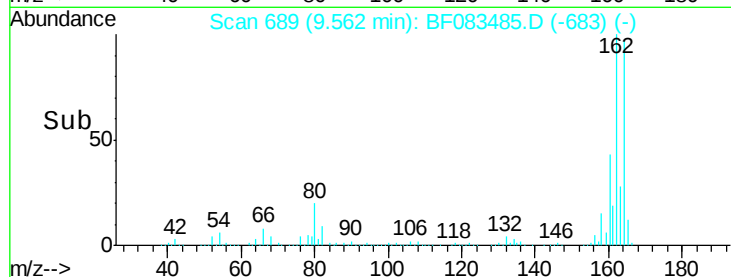
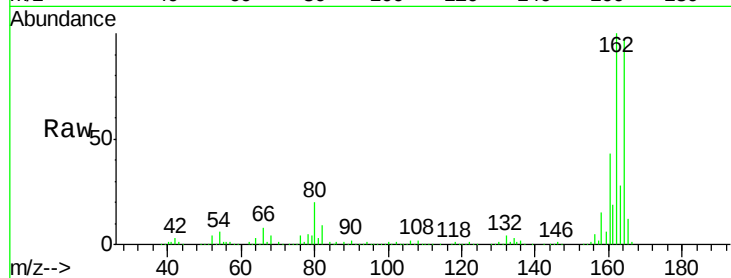
Ion Ratio Lower Upper

165 100

63 1.6 65.4 98.0#

89 1.6 81.2 121.8#

182 0.0 1.8 2.8#

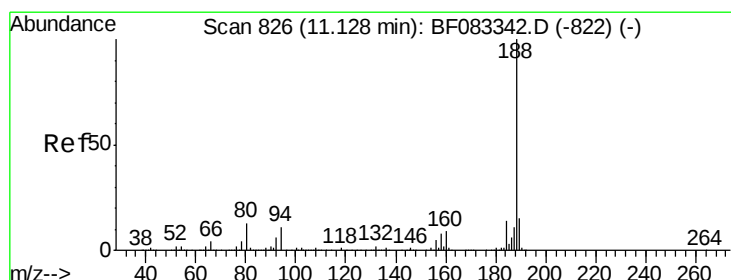
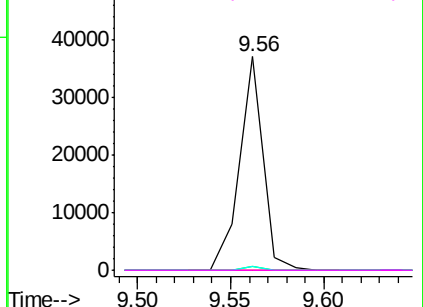


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

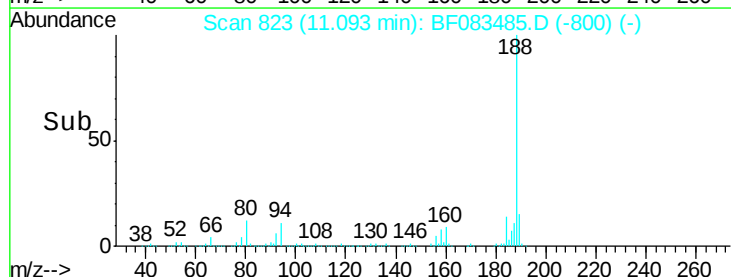
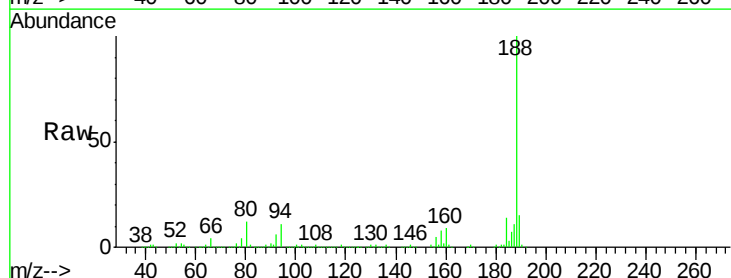
Tgt Ion:188 Resp: 406613

Ion Ratio Lower Upper

188 100

94 11.0 8.7 13.1

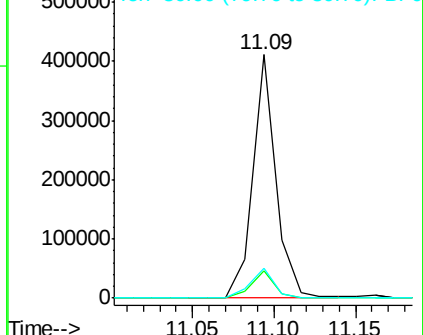
80 12.2 10.3 15.5

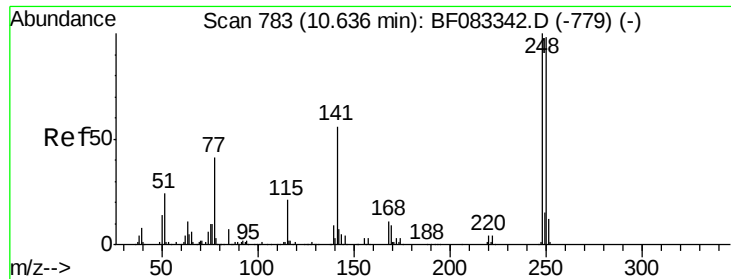


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.85 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.29 min

Lab File: BF083485.D

Acq: 4 Dec 2015 3:57

Instrument :

BNA_F

ClientSampleId :

MW-03

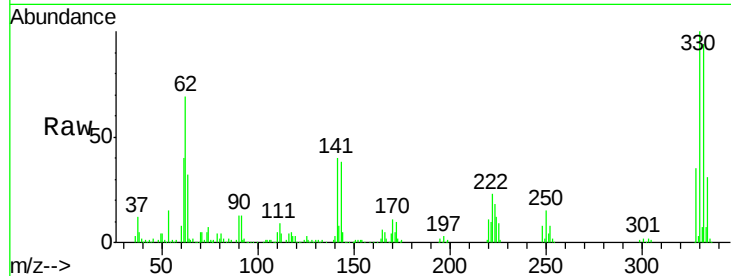
Tgt Ion:248 Resp: 21553

Ion Ratio Lower Upper

248 100

250 203.0 78.6 118.0#

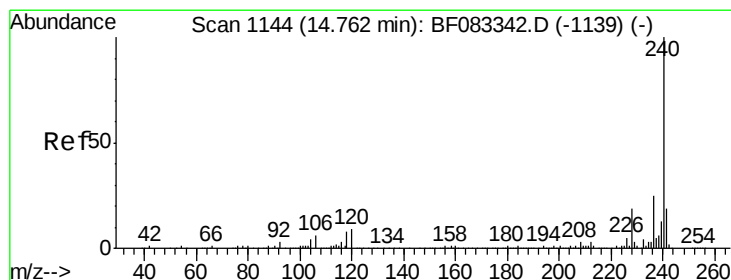
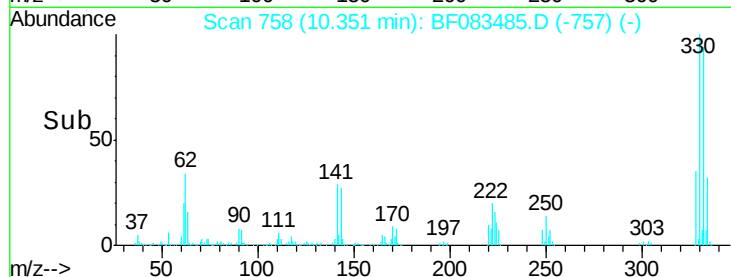
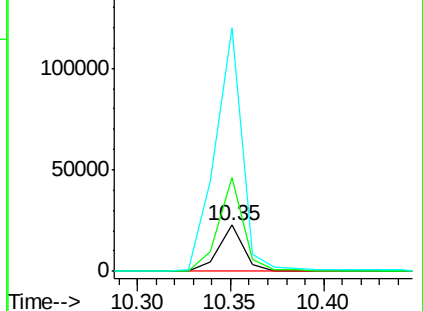
141 525.3 44.4 66.6#



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: BF083485.D

Acq: 4 Dec 2015 3:57

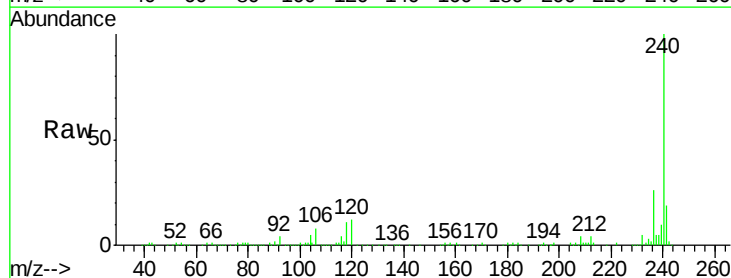
Tgt Ion:240 Resp: 333979

Ion Ratio Lower Upper

240 100

120 11.5 6.9 10.3#

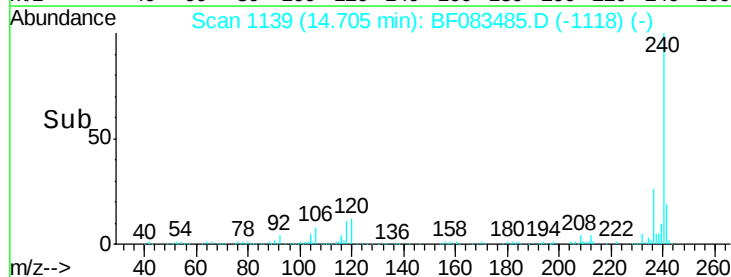
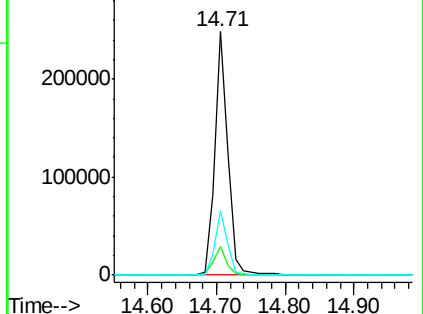
236 26.3 19.8 29.6

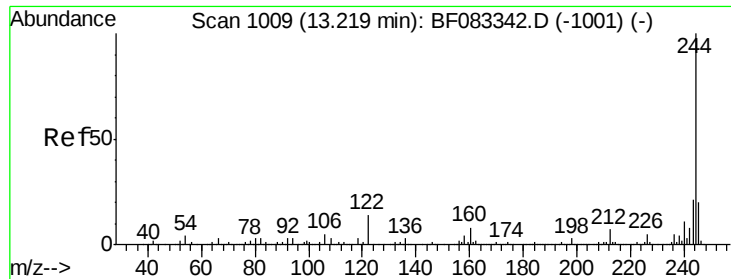


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

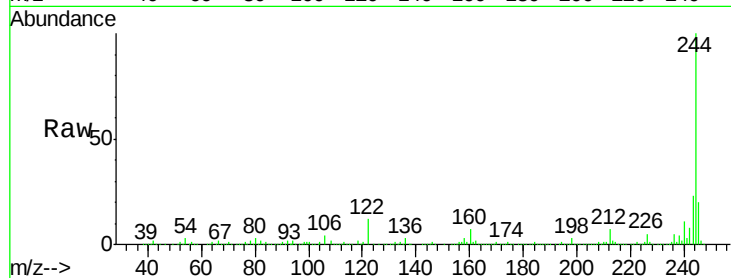




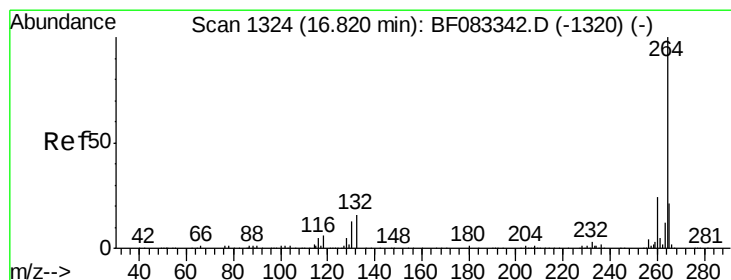
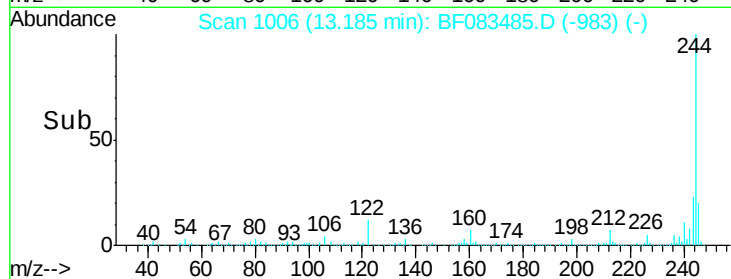
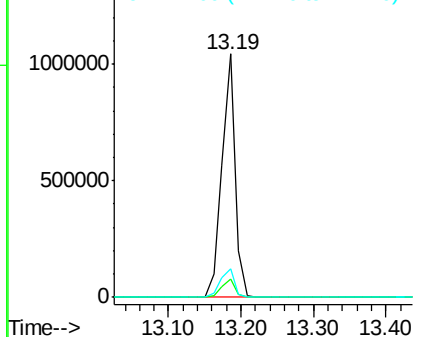
#78
 Terphenyl-d14
 Concen: 95.17 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083485.D
 Acq: 4 Dec 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tgt Ion:244 Resp: 1332731
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 11.8 11.0 16.4

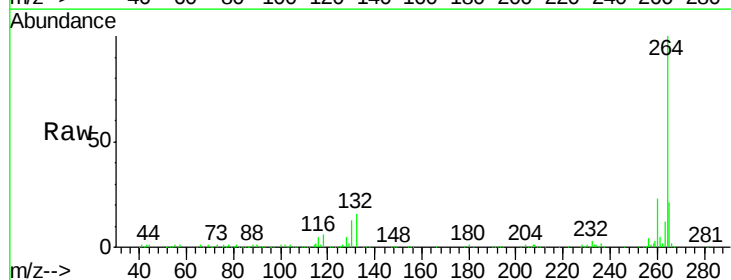


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083485.D
 Acq: 4 Dec 2015 3:57

Tgt Ion:264 Resp: 265108
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.0 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

