

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083210.D
 Acq On : 23 Nov 2015 18:12
 Operator : UM/IZ
 Sample : G4437-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Nov 24 04:33:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

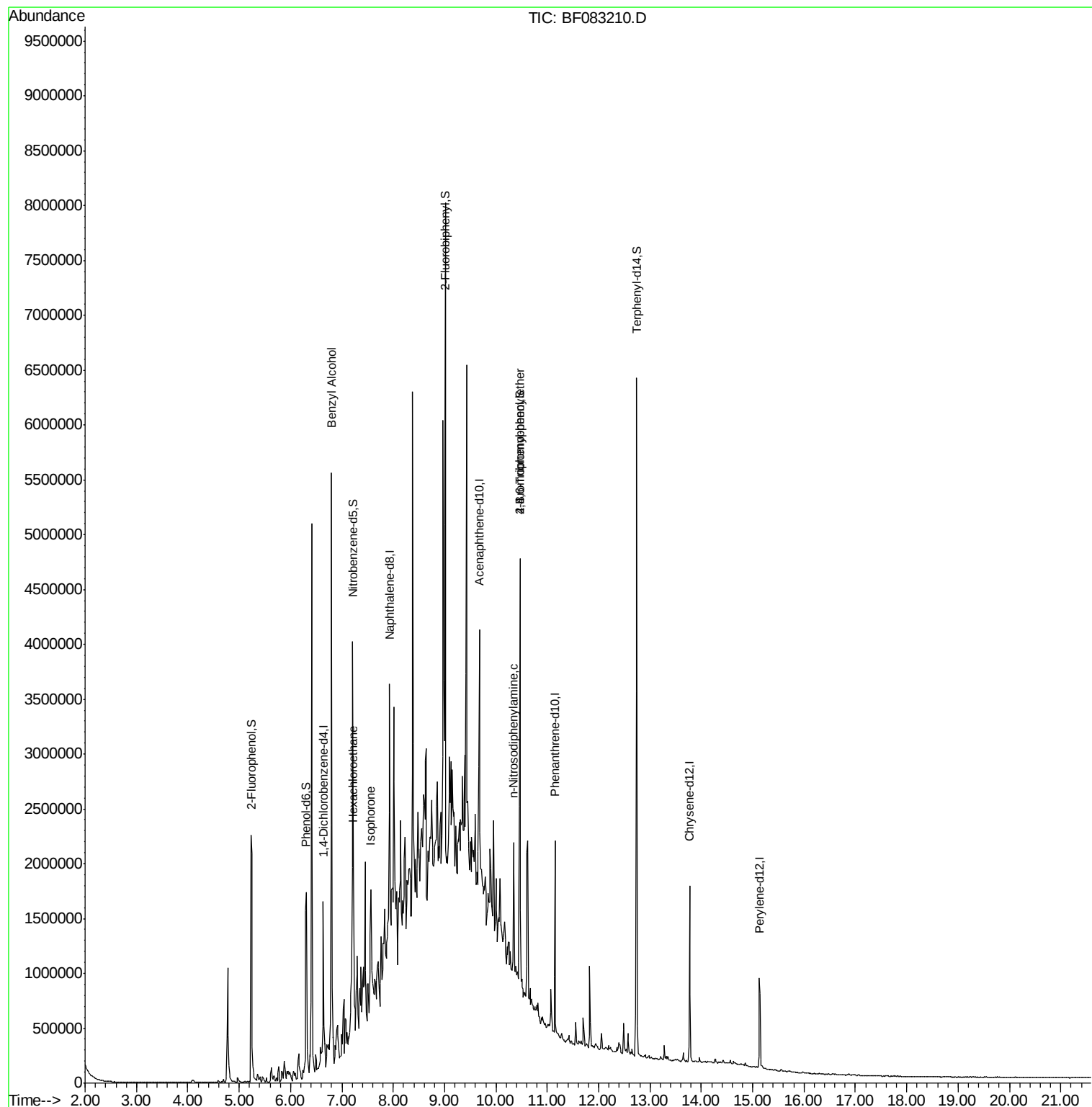
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	204030	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	724813	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	356313	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	672885	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	576758	20.00	ng	-0.03
86) Perylene-d12	15.13	264	442758	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	933009	69.14	ng	-0.03
7) Phenol-d6	6.31	99	809690	46.37	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1544444	97.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	484758	132.98	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2315098	90.60	ng	-0.01
78) Terphenyl-d14	12.74	244	2229378	91.02	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.16	77	3095	Below Cal	#	4
15) Benzyl Alcohol	6.80	79	30015	2.06 ng	#	45
18) Hexachloroethane	7.22	117	59841	10.09 ng	#	23
25) Isophorone	7.56	82	159531	5.31 ng	#	1
65) n-Nitrosodiphenylamine	10.34	169	45926	2.01 ng	#	41
66) 4-Bromophenyl-phenylether	10.47	248	34409	4.61 ng	#	1

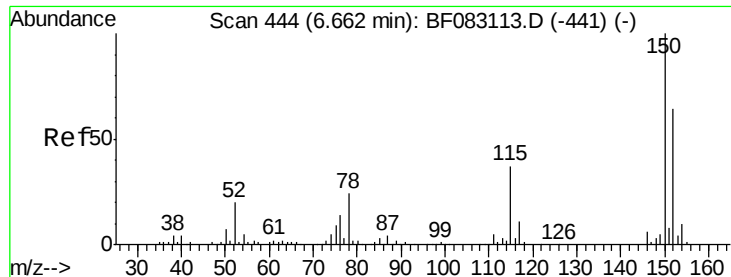
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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BNA_F
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Quant Time: Nov 24 04:33:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

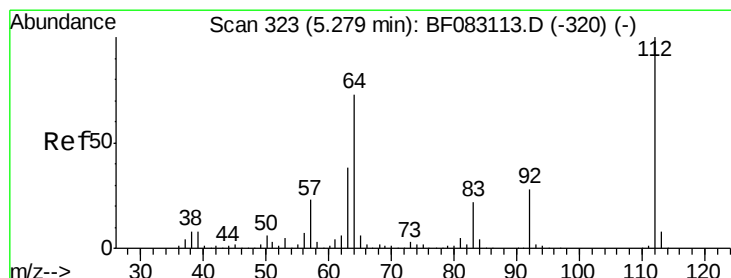
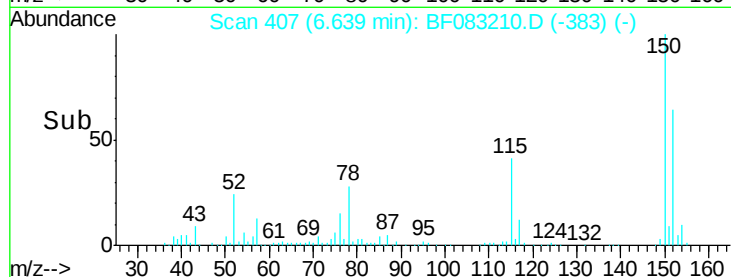
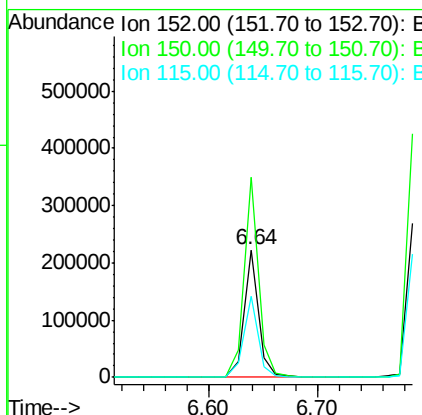
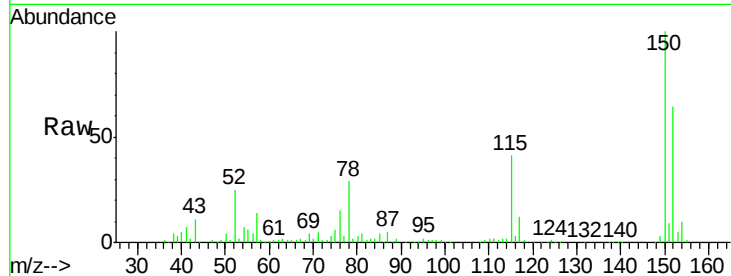




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BF083210.D
 Acq: 23 Nov 2015 18:12

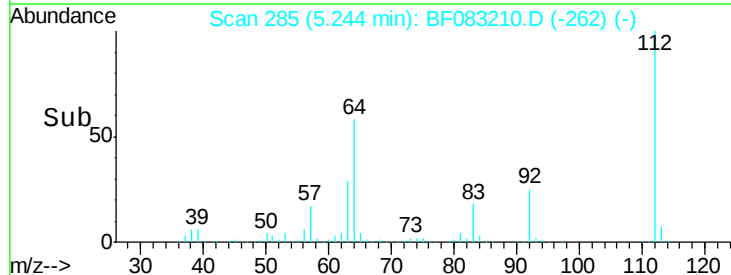
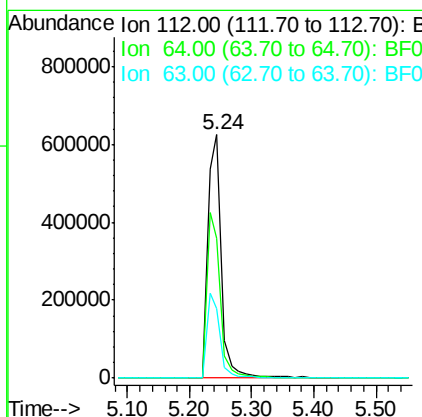
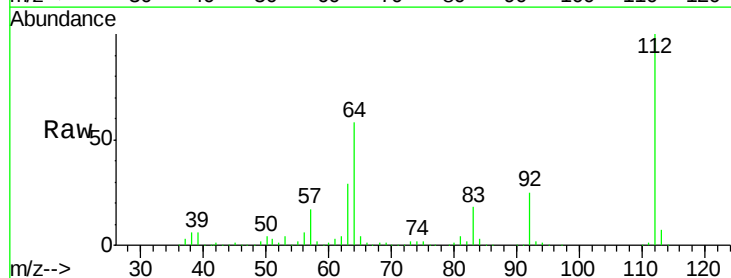
Instrument :
 BNA_F
 ClientSampleId :
 MW-09

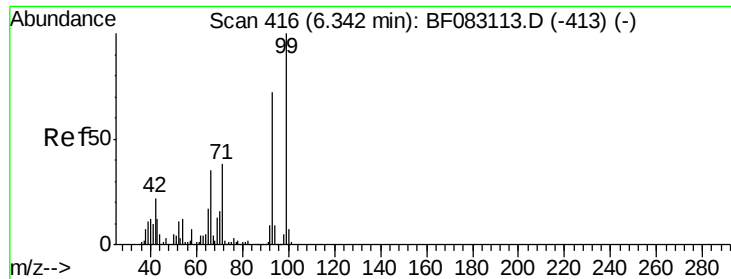
Tgt Ion:152 Resp: 204030
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.8 188.8
 115 64.0 46.9 70.3



#5
 2-Fluorophenol
 Concen: 69.14 ng
 RT: 5.24 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF083210.D
 Acq: 23 Nov 2015 18:12

Tgt Ion:112 Resp: 933009
 Ion Ratio Lower Upper
 112 100
 64 57.7 58.4 87.6#
 63 28.7 30.0 45.0#





#7

Phenol-d6

Concen: 46.37 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Instrument :

BNA_F

ClientSampleId :

MW-09

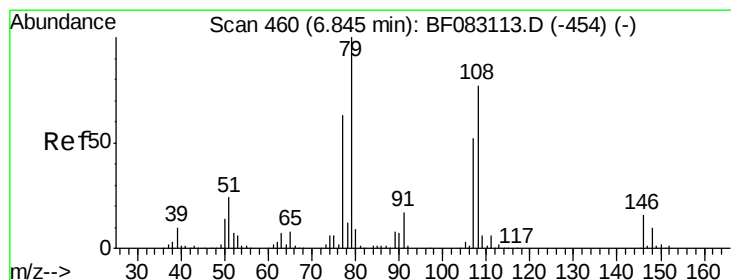
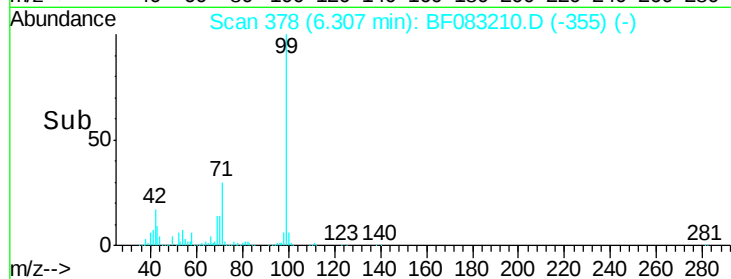
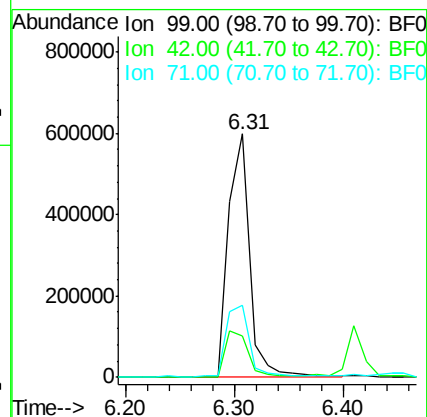
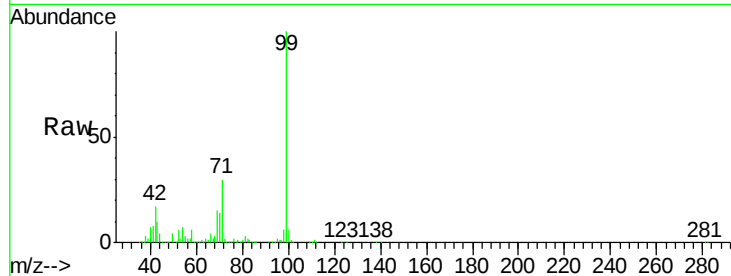
Tgt Ion: 99 Resp: 809690

Ion Ratio Lower Upper

99 100

42 17.0 17.7 26.5#

71 29.8 30.2 45.4#



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.80 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

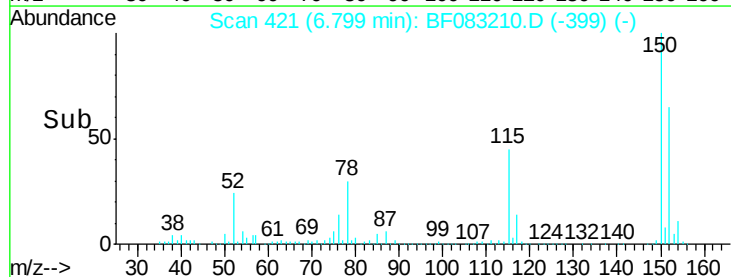
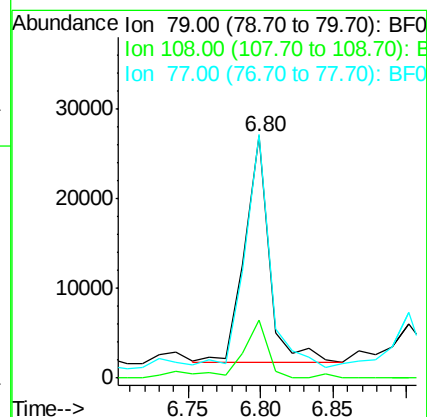
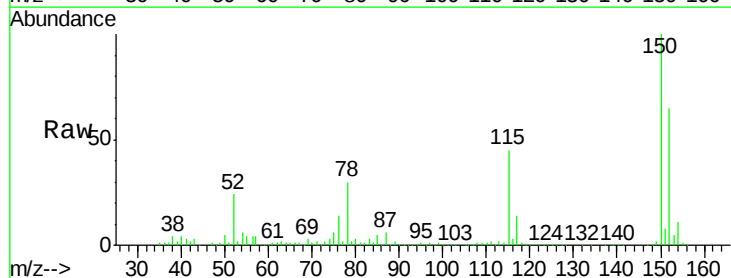
Tgt Ion: 79 Resp: 30015

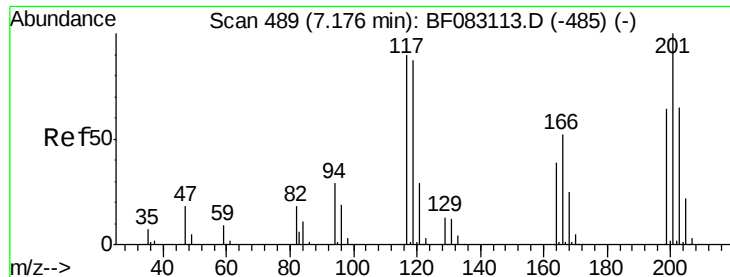
Ion Ratio Lower Upper

79 100

108 24.1 61.4 92.2#

77 100.7 50.5 75.7#

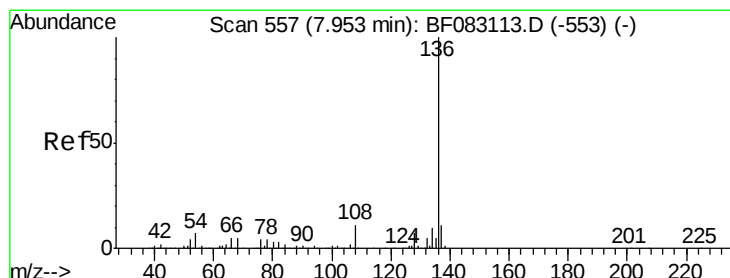
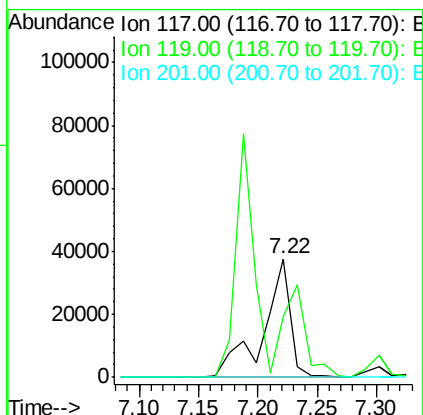
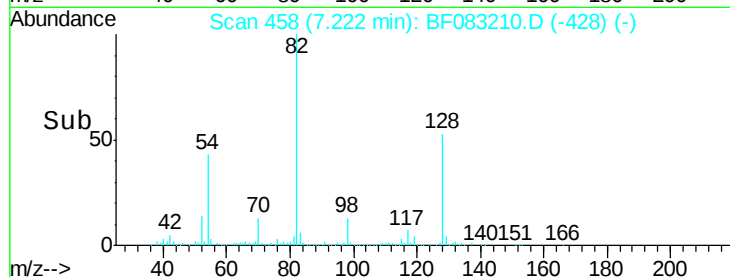
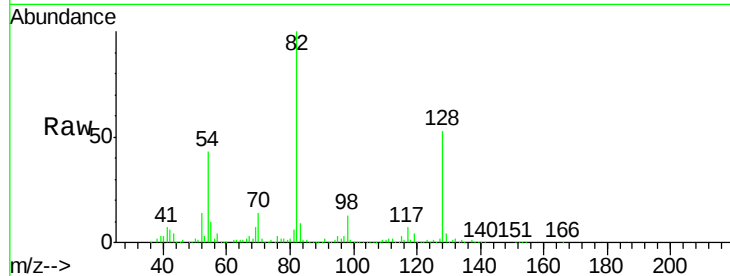




#18
Hexachloroethane
Concen: 10.09 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

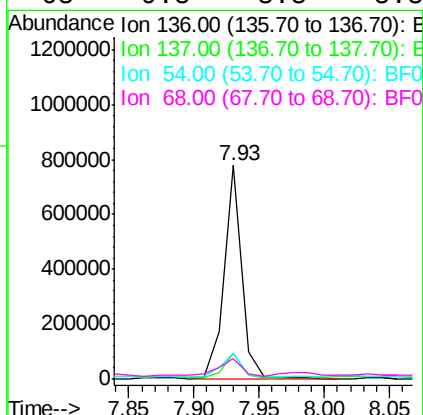
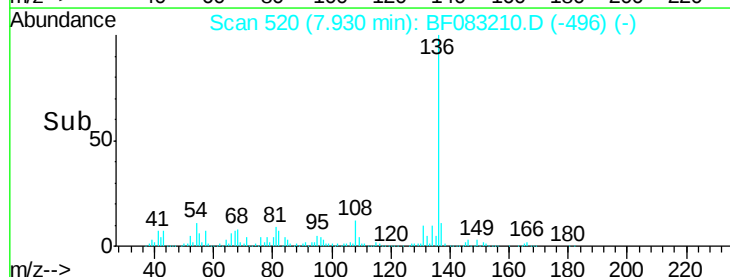
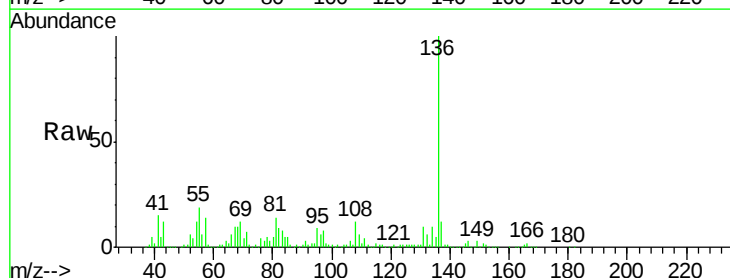
Instrument :
BNA_F
ClientSampleId :
MW-09

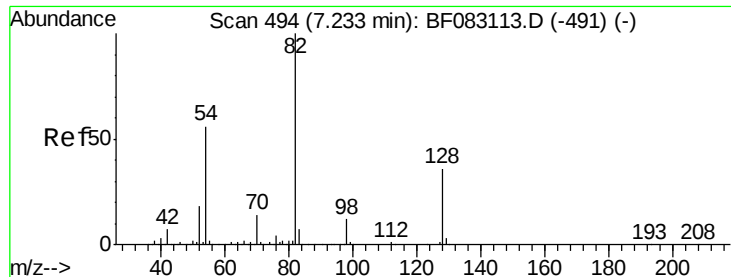
Tgt Ion:117 Resp: 59841
Ion Ratio Lower Upper
117 100
119 51.8 76.8 115.2#
201 0.0 88.6 133.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

Tgt Ion:136 Resp: 724813
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 12.2 5.8 8.6#
68 9.5 3.8 5.8#

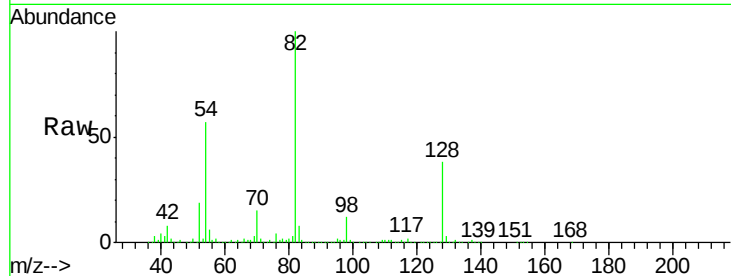




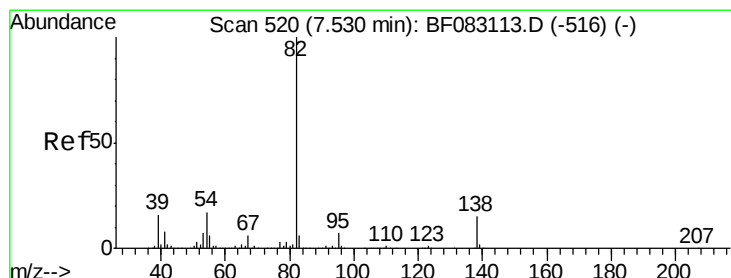
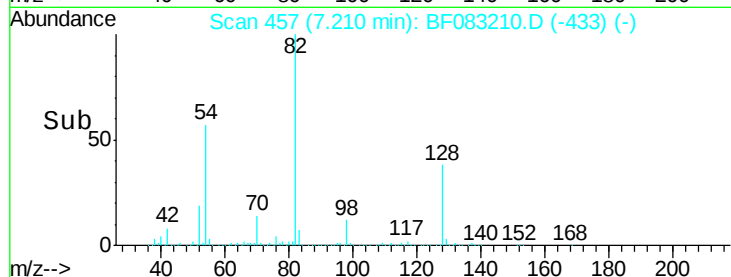
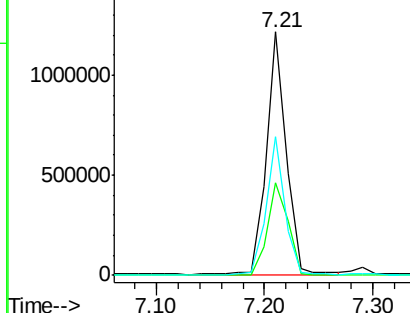
#23
Nitrobenzene-d5
Concen: 97.37 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 1544444
Ion Ratio Lower Upper
82 100
128 37.9 28.5 42.7
54 56.8 44.6 67.0

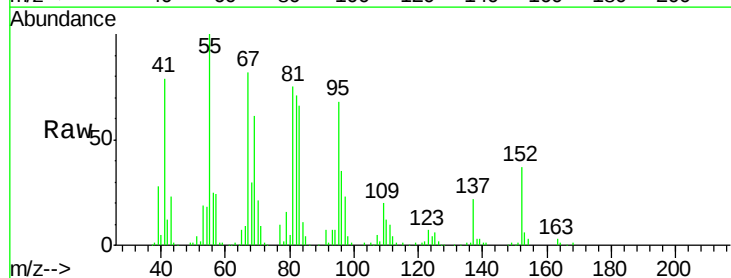


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

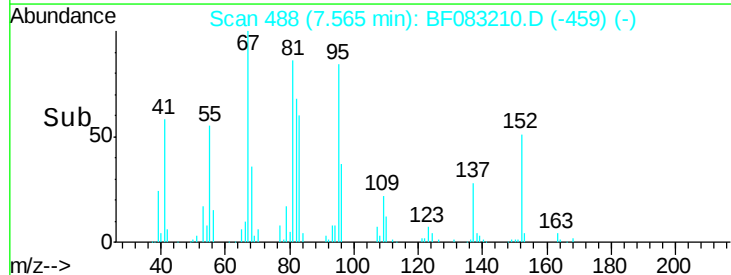
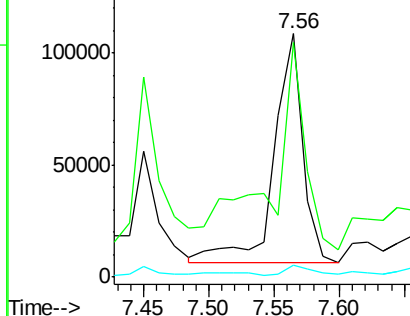


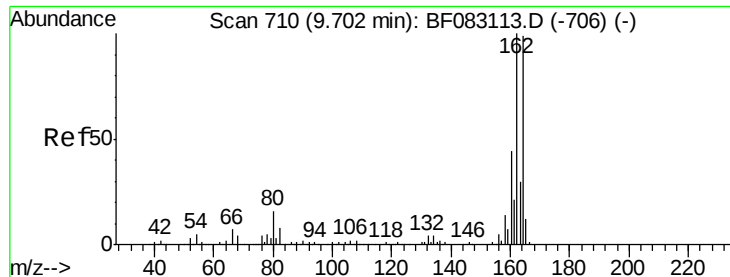
#25
Isophorone
Concen: 5.31 ng
RT: 7.56 min Scan# 488
Delta R.T. 0.03 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

Tgt Ion: 82 Resp: 159531
Ion Ratio Lower Upper
82 100
95 96.4 5.8 8.8#
138 4.7 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: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Instrument :

BNA_F

ClientSampleId :

MW-09

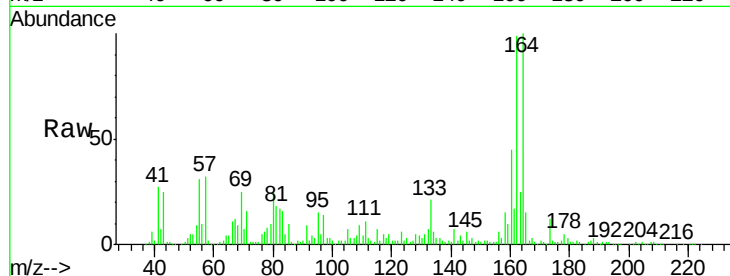
Tgt Ion:164 Resp: 356313

Ion Ratio Lower Upper

164 100

162 99.0 81.2 121.8

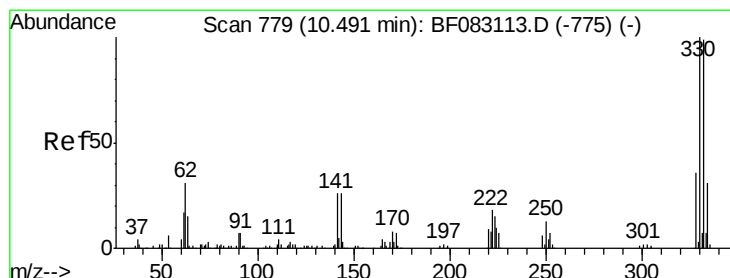
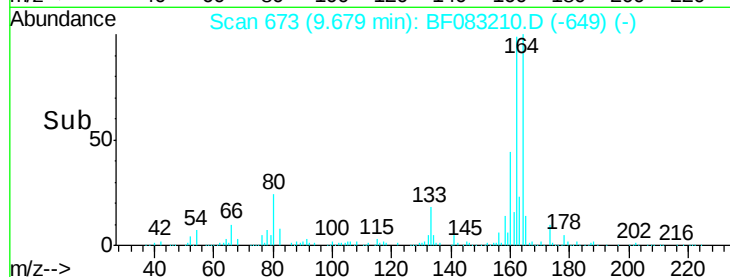
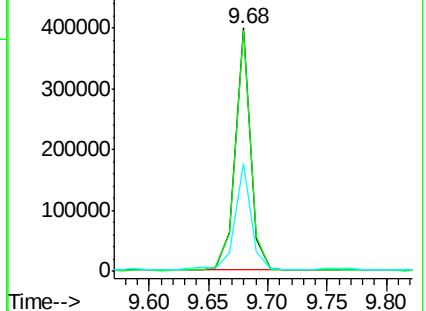
160 44.6 35.6 53.4



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: 132.98 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

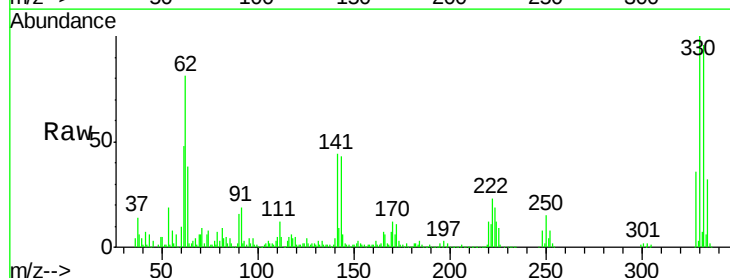
Tgt Ion:330 Resp: 484758

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

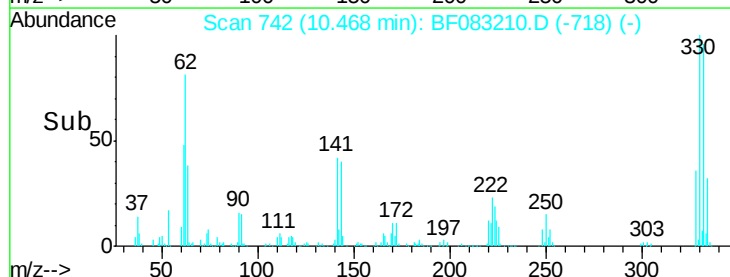
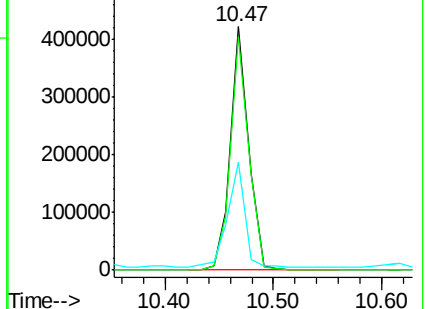
141 42.2 29.7 44.5

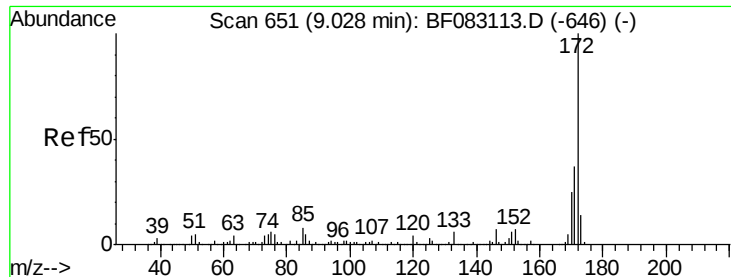


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.60 ng

RT: 9.02 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Instrument :

BNA_F

ClientSampled :

MW-09

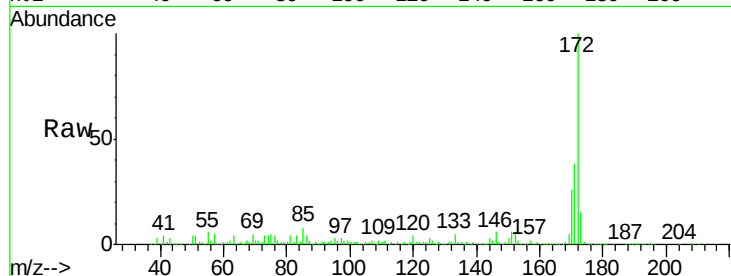
Tgt Ion:172 Resp: 2315098

Ion Ratio Lower Upper

172 100

171 37.6 29.5 44.3

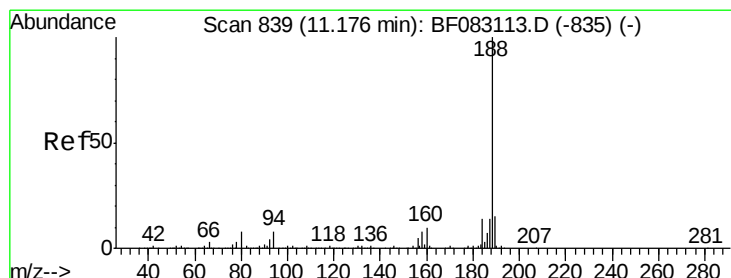
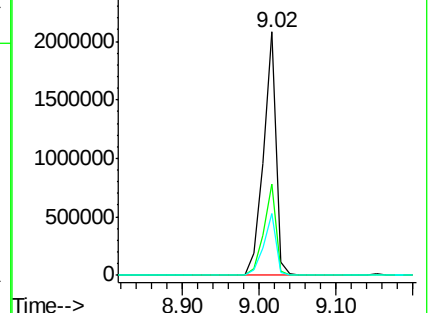
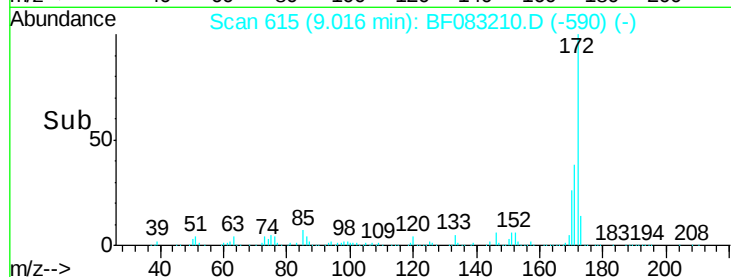
170 25.6 19.9 29.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

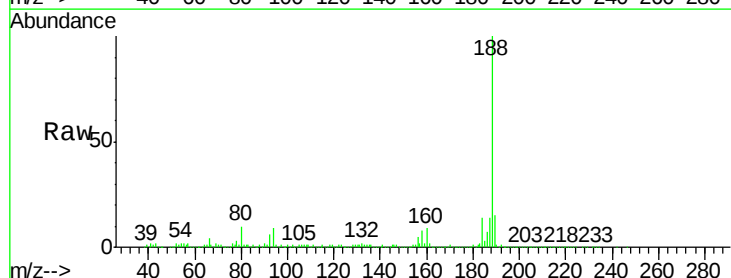
Tgt Ion:188 Resp: 672885

Ion Ratio Lower Upper

188 100

94 9.5 6.0 9.0#

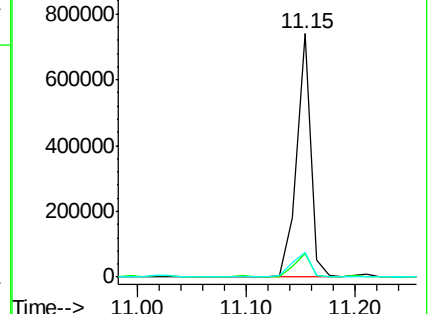
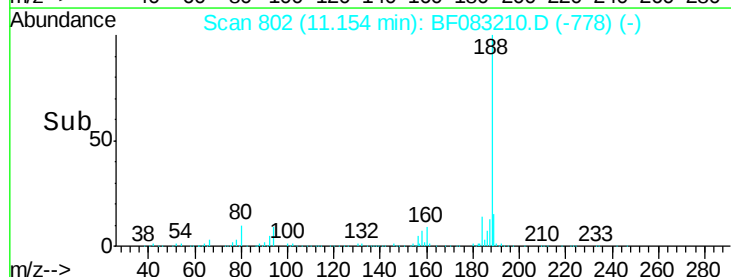
80 10.4 6.7 10.1#

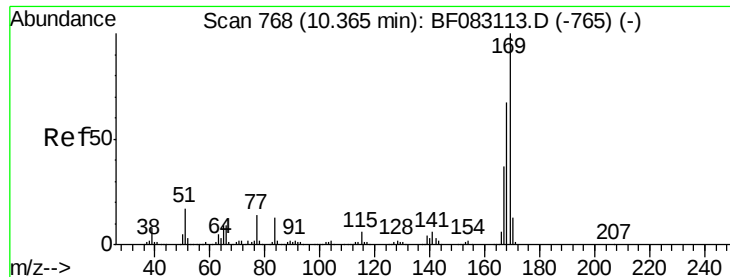


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

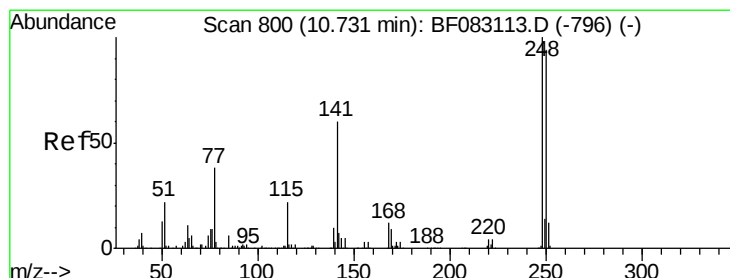
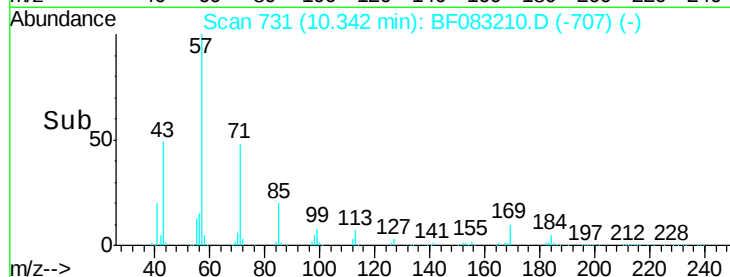
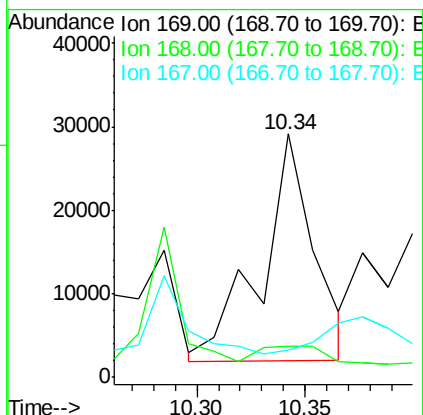
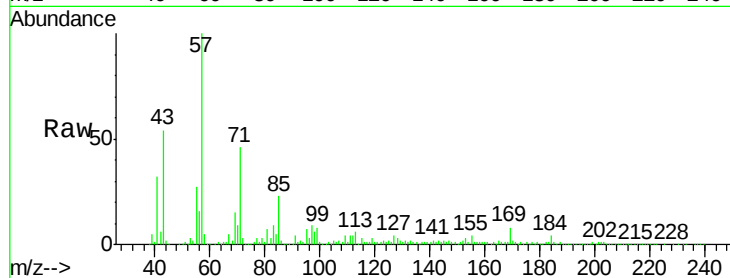




#65
n-Nitrosodiphenylamine
Concen: 2.01 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

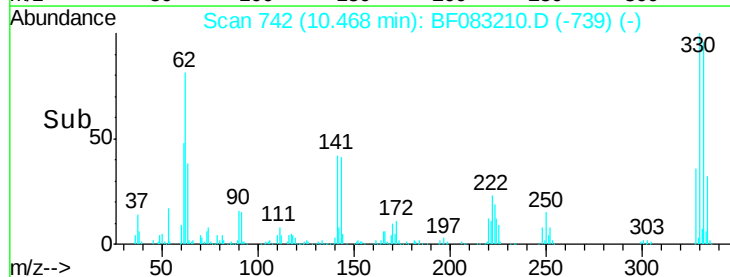
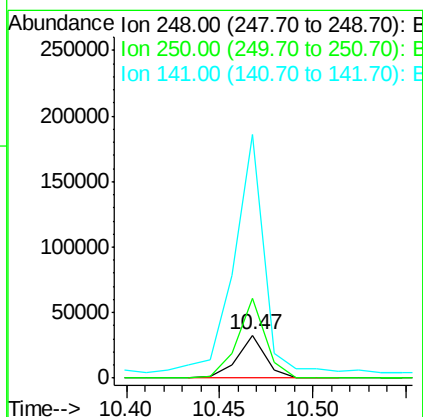
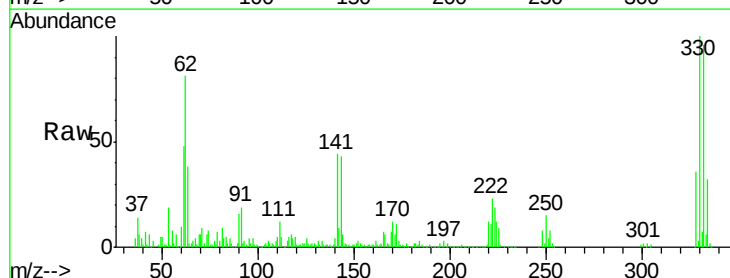
Instrument :
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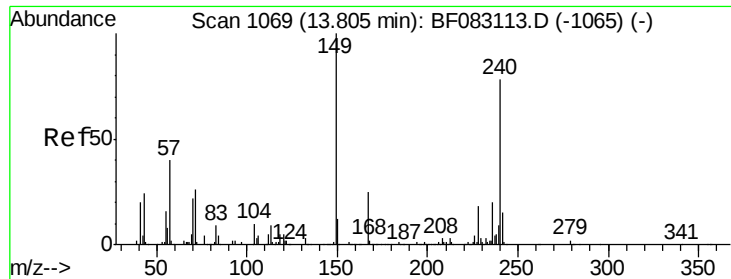
Tgt Ion:169 Resp: 45926
Ion Ratio Lower Upper
169 100
168 13.0 53.8 80.6#
167 11.4 29.8 44.8#



#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

Tgt Ion:248 Resp: 34409
Ion Ratio Lower Upper
248 100
250 186.3 75.4 113.2#
141 564.4 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Instrument :

BNA_F

ClientSampleId :

MW-09

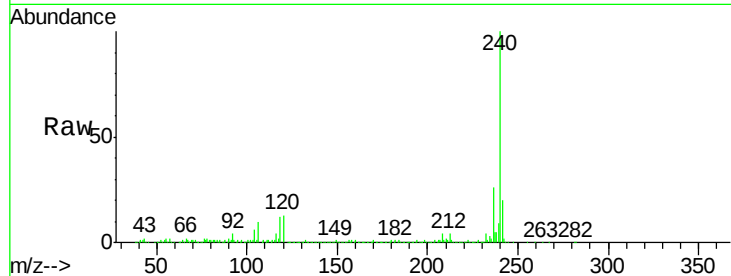
Tgt Ion:240 Resp: 576758

Ion Ratio Lower Upper

240 100

120 13.2 5.4 8.2#

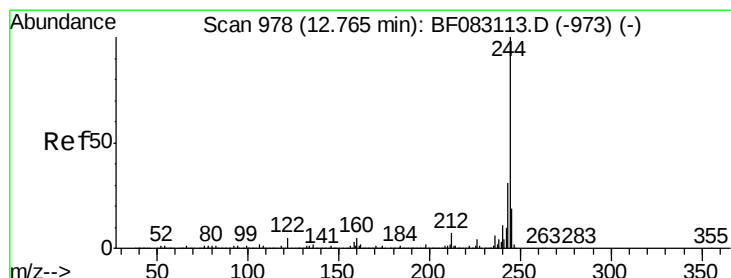
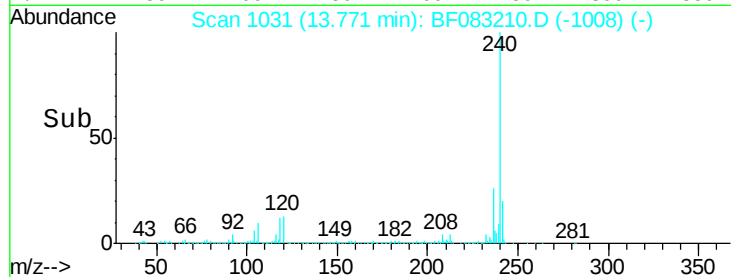
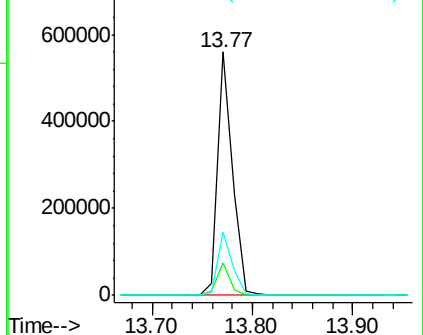
236 25.8 20.6 31.0



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: 91.02 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

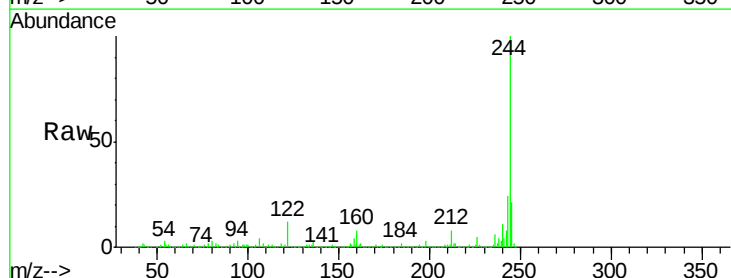
Tgt Ion:244 Resp: 2229378

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

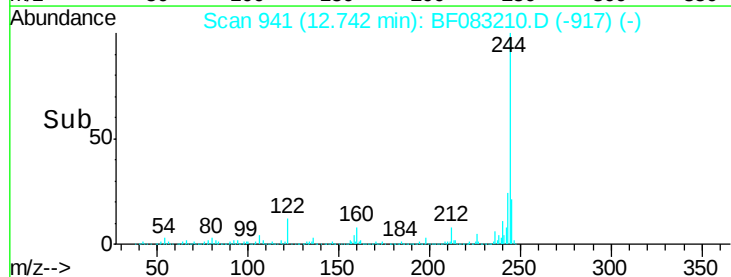
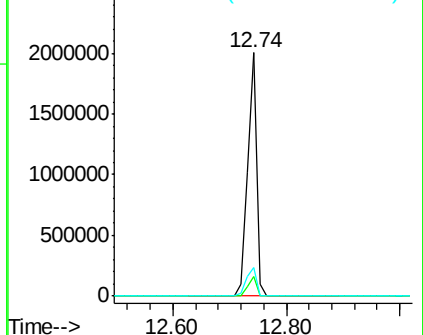
122 11.6 4.3 6.5#

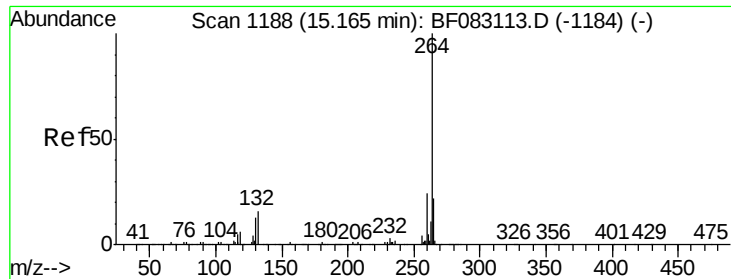


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 264 Resp: 442758
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.6 18.2 27.4

