

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083205.D
 Acq On : 23 Nov 2015 15:36
 Operator : UM/IZ
 Sample : G4437-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Nov 24 04:31:32 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

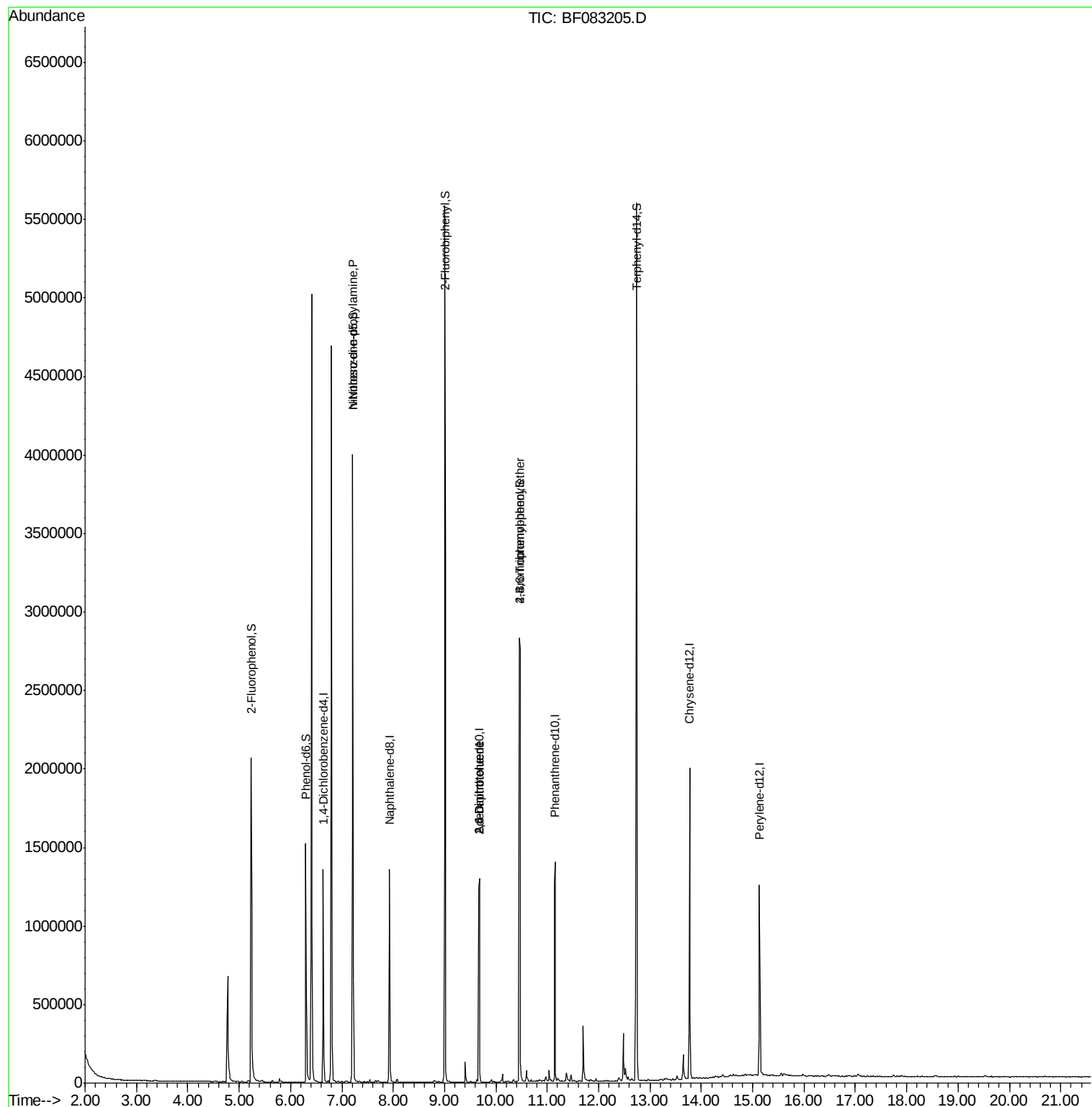
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	209823	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	803077	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	391301	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	750161	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	678155	20.00	ng	-0.03
86) Perylene-d12	15.13	264	562041	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	694837	50.07	ng	-0.05
7) Phenol-d6	6.30	99	584110	32.53	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1548605	88.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	521347	130.23	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	2445408	87.14	ng	-0.02
78) Terphenyl-d14	12.74	244	2319743	80.55	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	209516	16.77	ng	# 77
50) 2,6-Dinitrotoluene	9.68	165	48743	7.21	ng	# 13
56) 2,4-Dinitrotoluene	9.68	165	48743	5.69	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	34999	4.20	ng	# 1

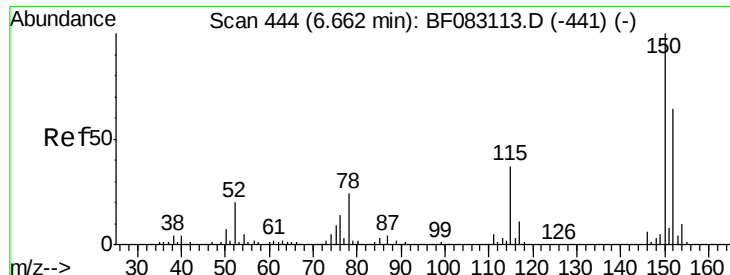
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 04:31:32 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: BF083205.D

Acq: 23 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

MW-24

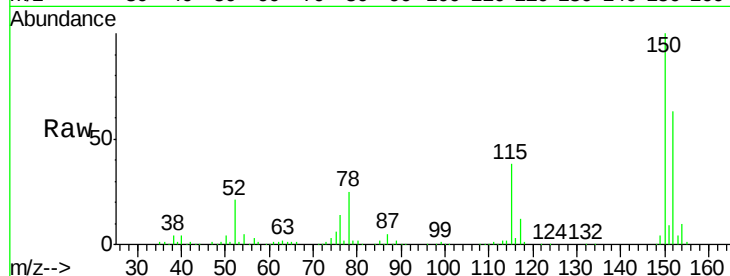
Tgt Ion:152 Resp: 209823

Ion Ratio Lower Upper

152 100

150 158.1 125.8 188.8

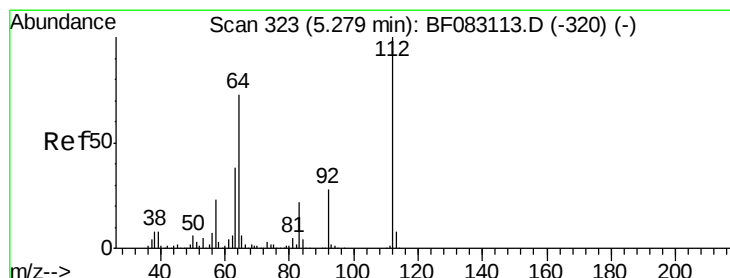
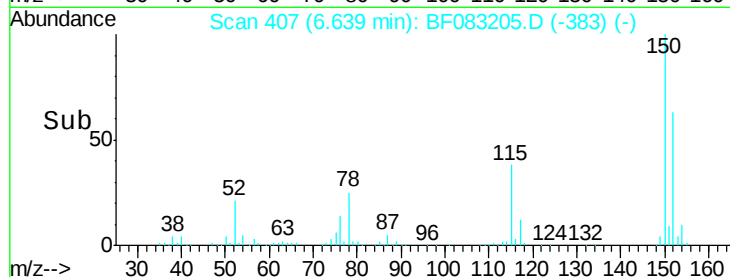
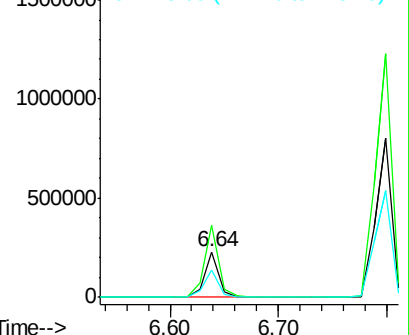
115 60.2 46.9 70.3



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: 50.07 ng

RT: 5.23 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

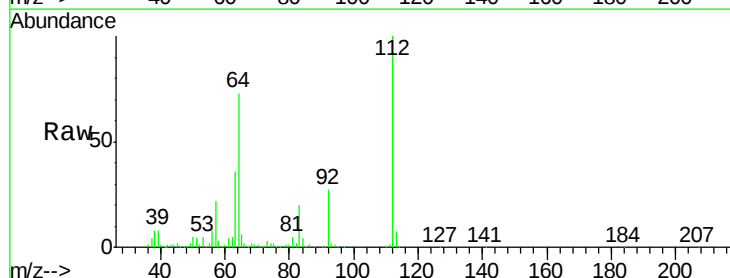
Tgt Ion:112 Resp: 694837

Ion Ratio Lower Upper

112 100

64 73.3 58.4 87.6

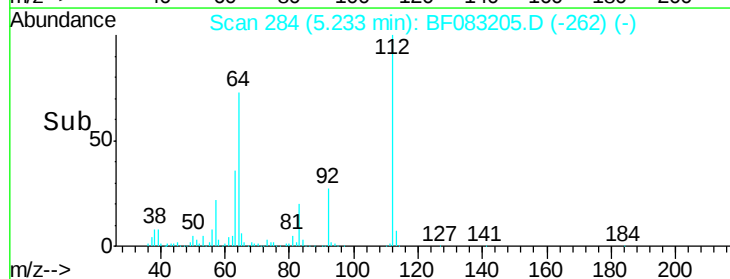
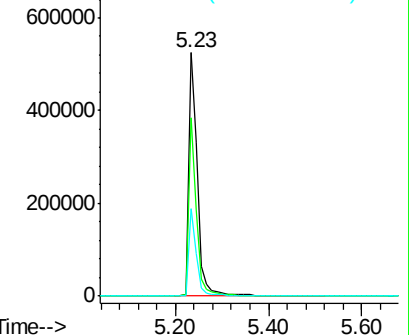
63 36.1 30.0 45.0

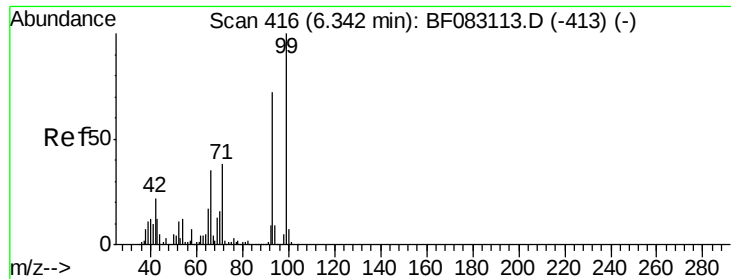


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.53 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

MW-24

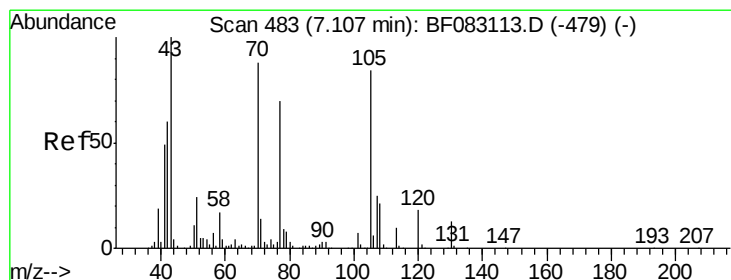
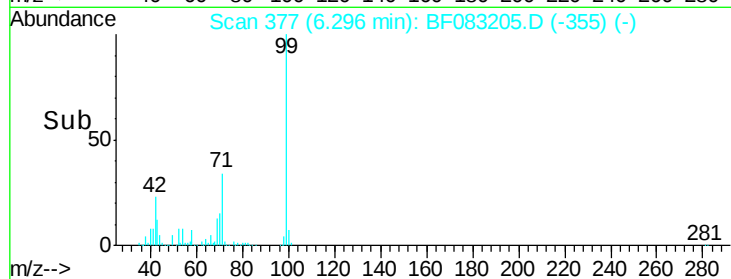
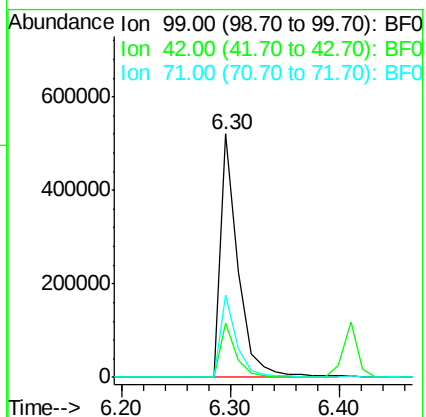
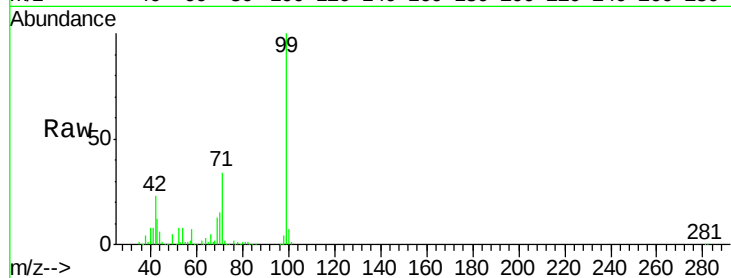
Tgt Ion: 99 Resp: 584110

Ion Ratio Lower Upper

99 100

42 22.5 17.7 26.5

71 33.9 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.77 ng

RT: 7.21 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

Tgt Ion: 70 Resp: 209516

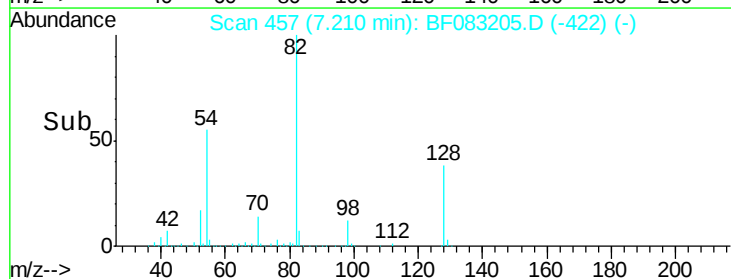
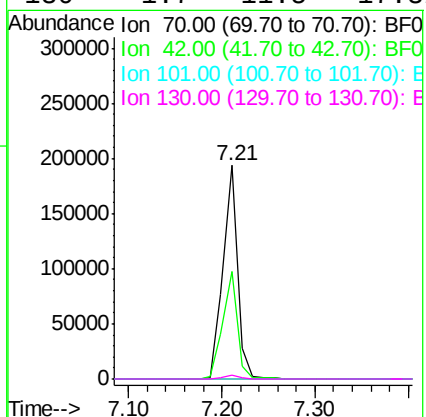
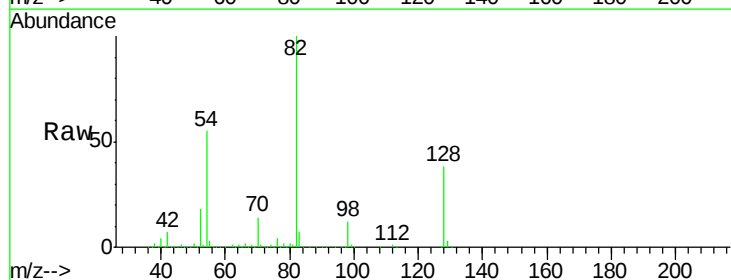
Ion Ratio Lower Upper

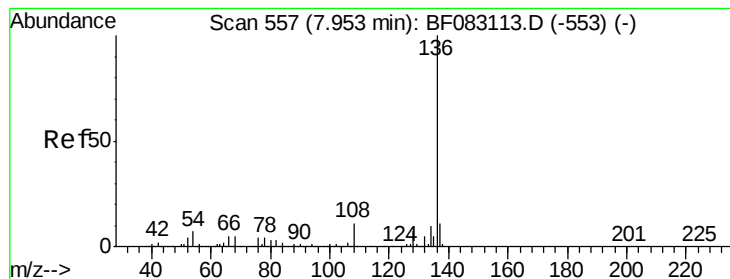
70 100

42 50.4 54.5 81.7#

101 0.0 6.6 9.8#

130 1.7 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

MW-24

Tgt Ion:136 Resp: 803077

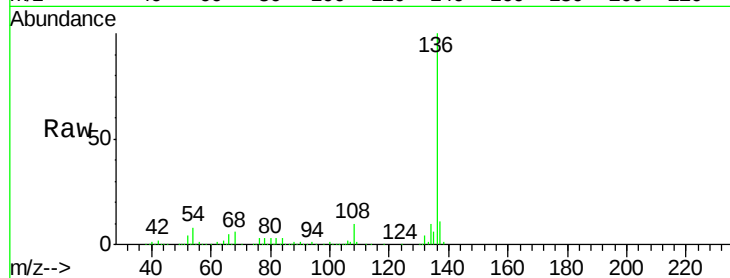
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 5.8 8.6

68 5.6 3.8 5.8

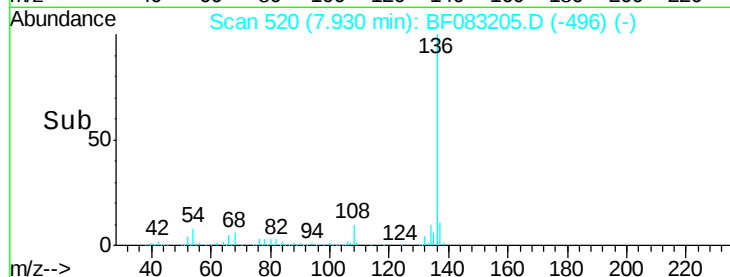


Abundance Ion 136.00 (135.70 to 136.70): E

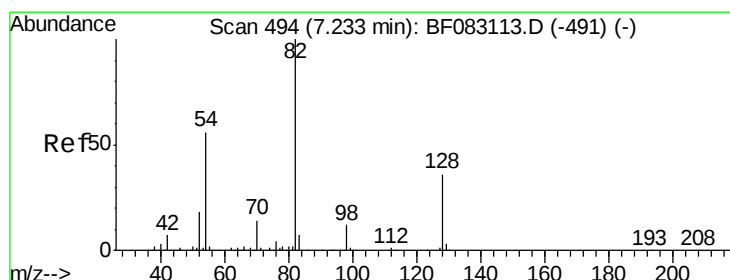
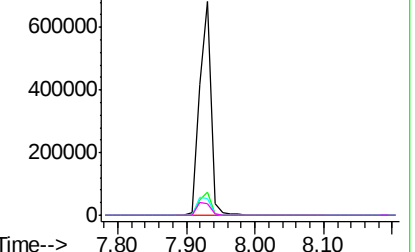
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.11 ng

RT: 7.21 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

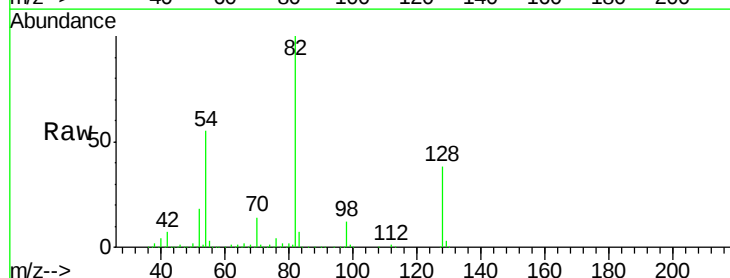
Tgt Ion: 82 Resp: 1548605

Ion Ratio Lower Upper

82 100

128 37.9 28.5 42.7

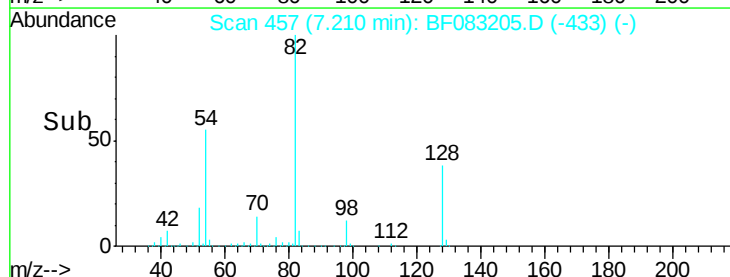
54 54.7 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

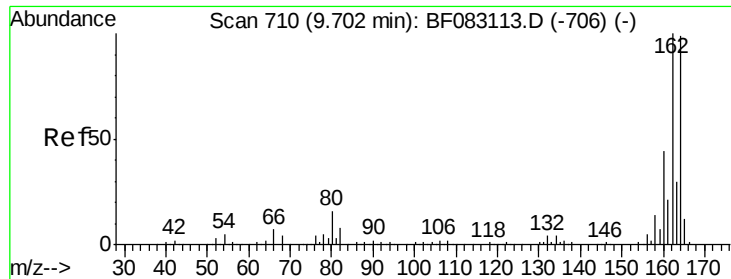
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

MW-24

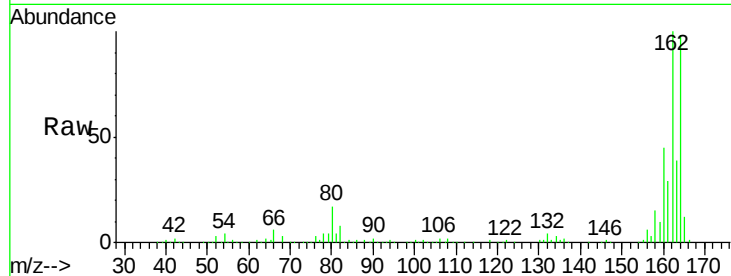
Tgt Ion:164 Resp: 391301

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

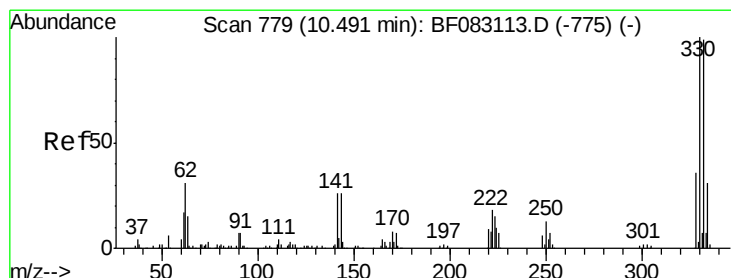
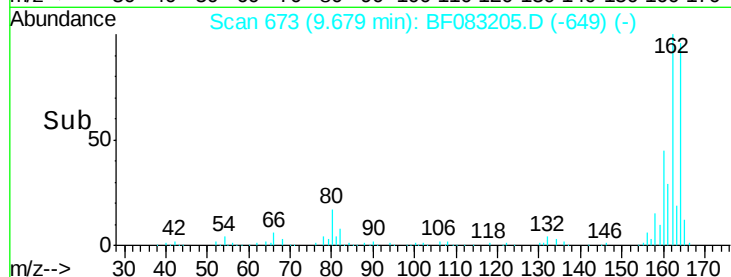
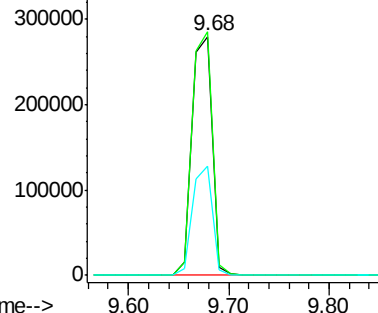
160 45.9 35.6 53.4



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: 130.23 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

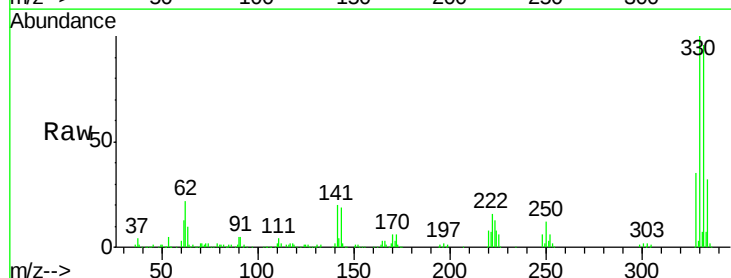
Tgt Ion:330 Resp: 521347

Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

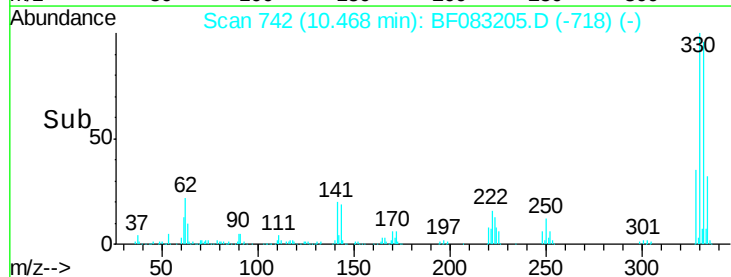
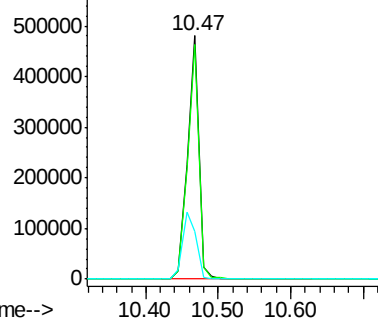
141 33.4 29.7 44.5

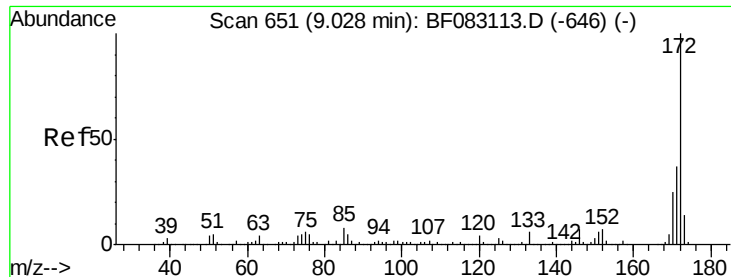


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

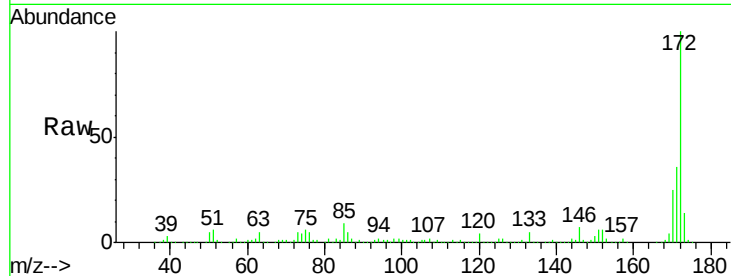




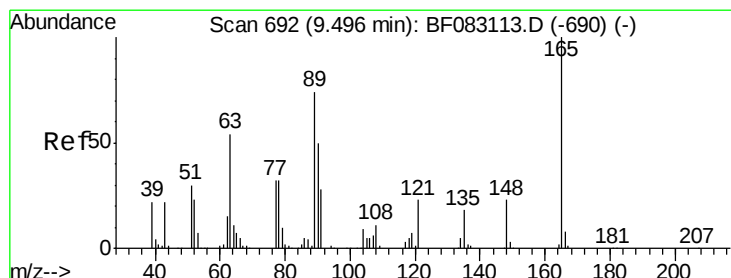
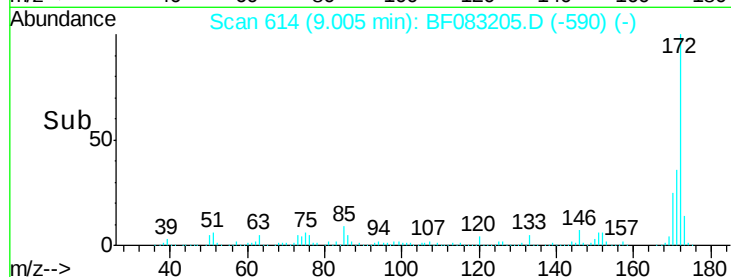
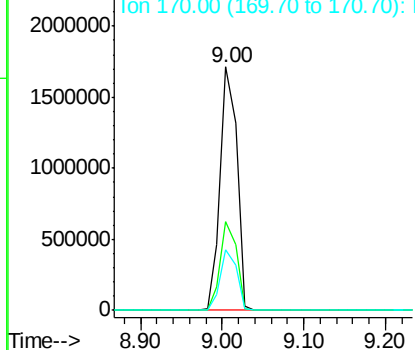
#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 9.00 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion:172 Resp: 2445408
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 24.7 19.9 29.9

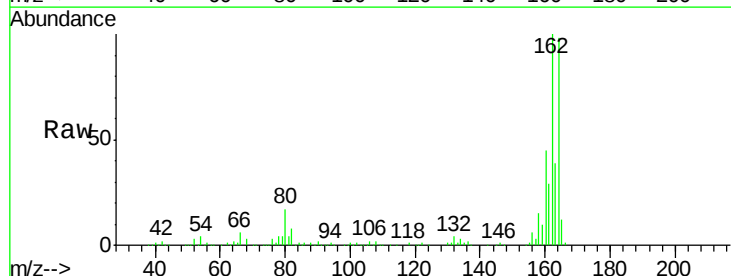


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

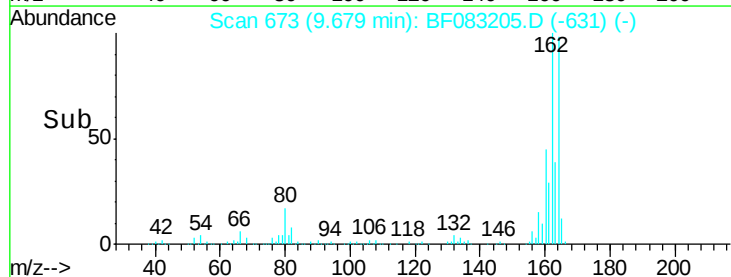
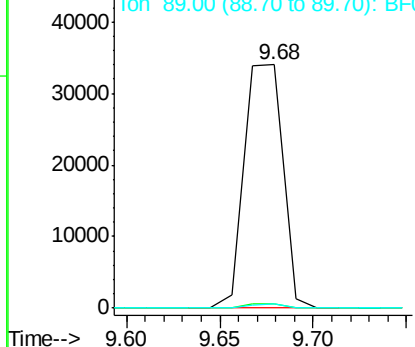


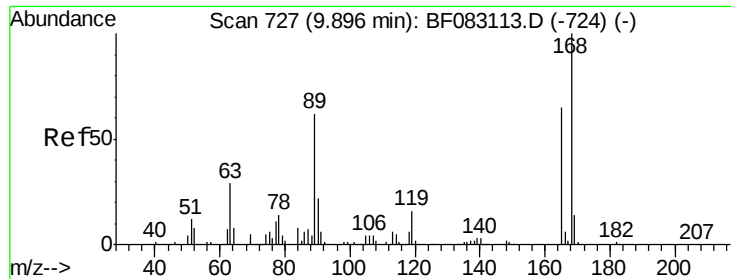
#50
 2,6-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Tgt Ion:165 Resp: 48743
 Ion Ratio Lower Upper
 165 100
 63 1.6 62.5 93.7#
 89 1.7 59.1 88.7#



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

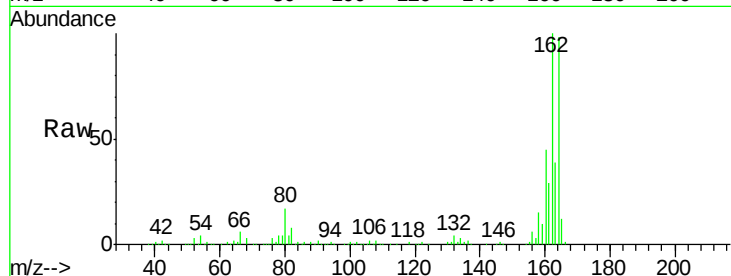




#56
 2,4-Dinitrotoluene
 Concen: 5.69 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.22 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.5	81.7#
89	1.7	77.3	115.9#
182	0.0	1.8	2.6#



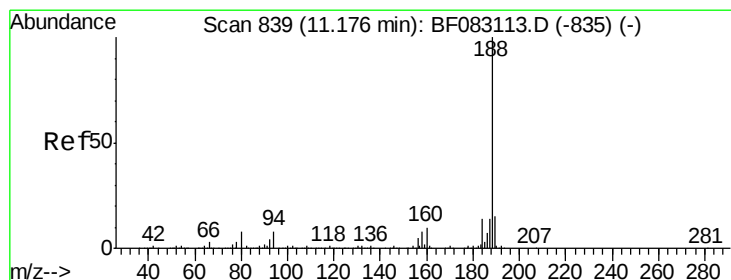
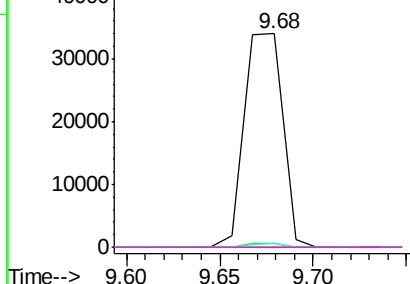
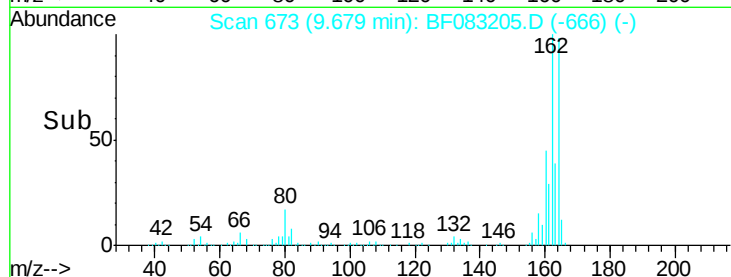
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

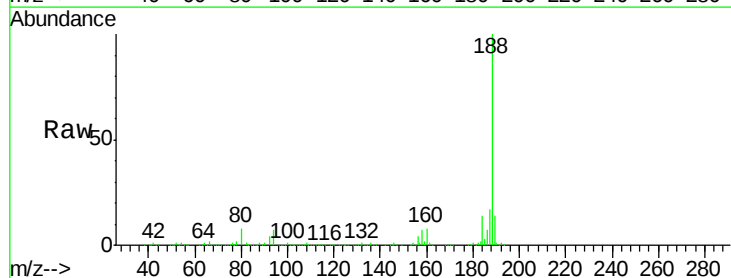
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	7.7	6.7	10.1

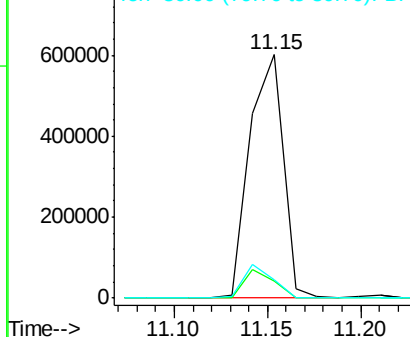
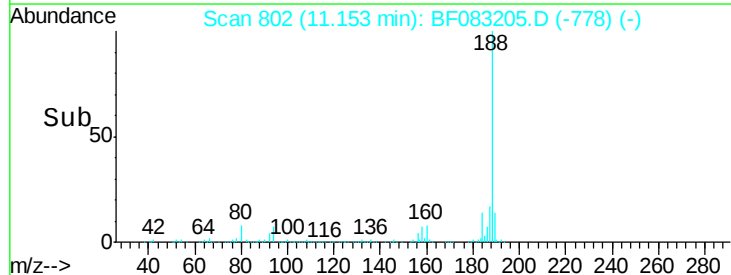


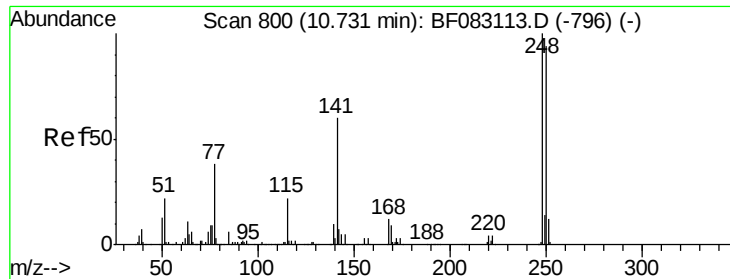
Abundance

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

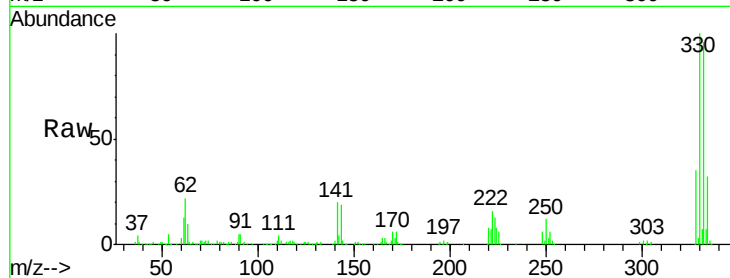




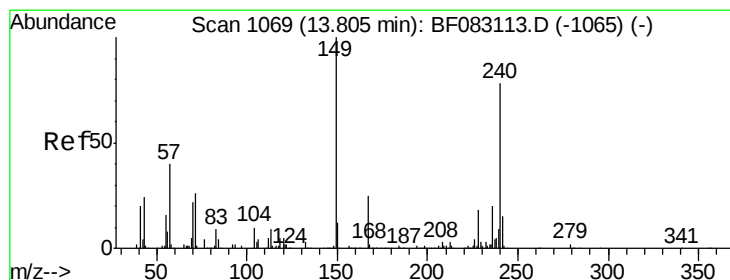
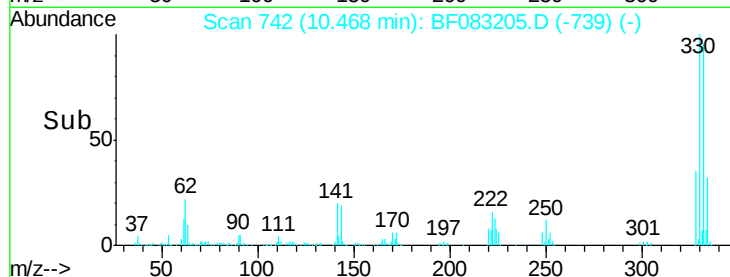
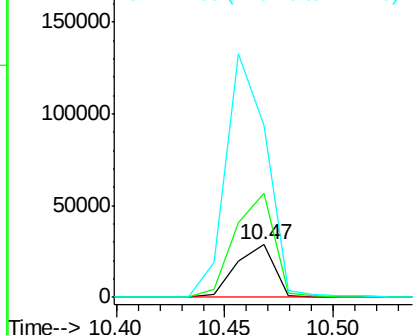
#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:248 Resp: 34999
Ion Ratio Lower Upper
248 100
250 197.4 75.4 113.2#
141 327.3 48.1 72.1#

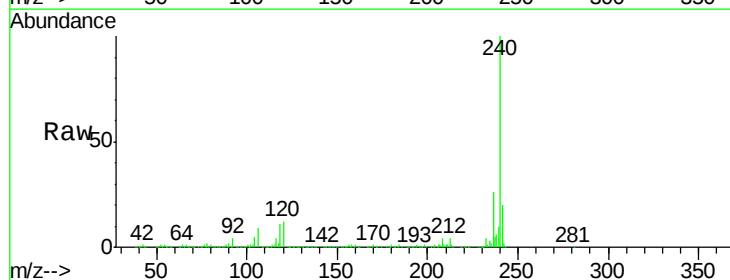


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

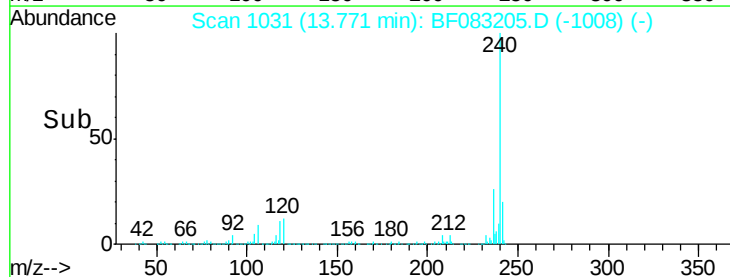
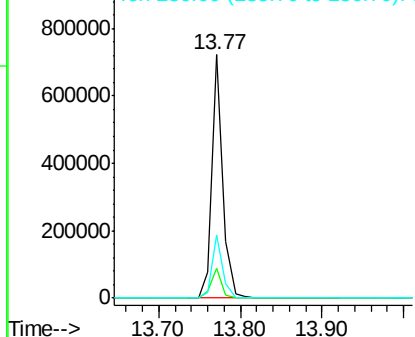


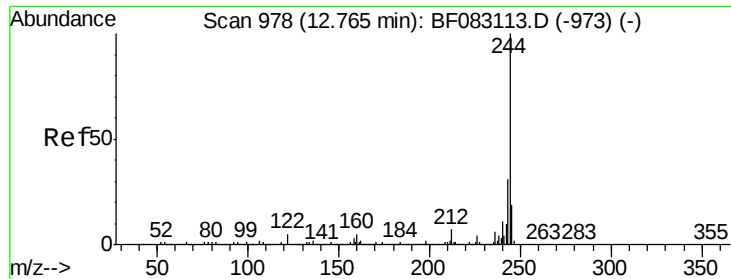
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

Tgt Ion:240 Resp: 678155
Ion Ratio Lower Upper
240 100
120 12.3 5.4 8.2#
236 25.9 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

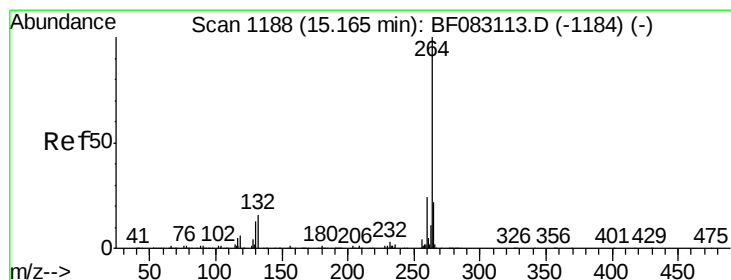
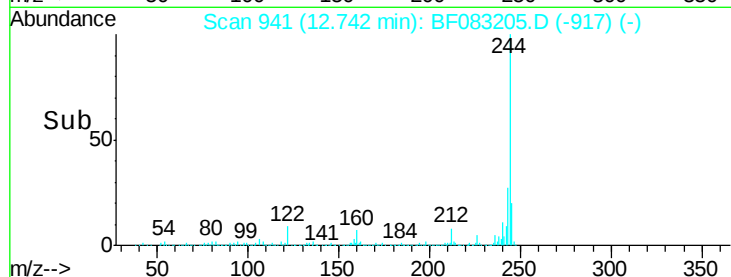
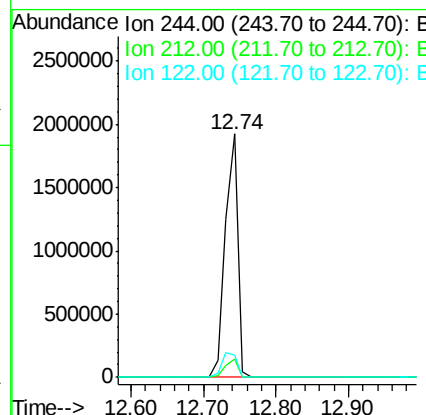
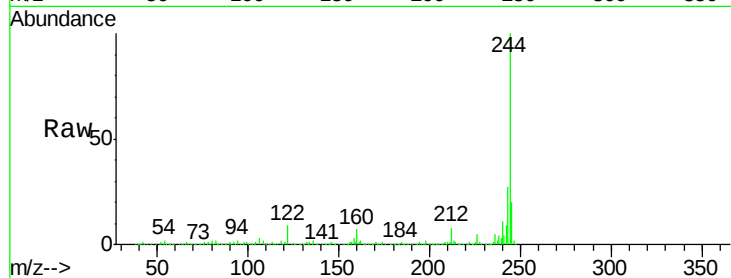




#78
 Terphenyl-d14
 Concen: 80.55 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion:244 Resp: 2319743
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 9.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Tgt Ion:264 Resp: 562041
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.0 18.2 27.4

