

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083209.D
 Acq On : 23 Nov 2015 17:43
 Operator : UM/IZ
 Sample : G4437-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Nov 24 04:33:24 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

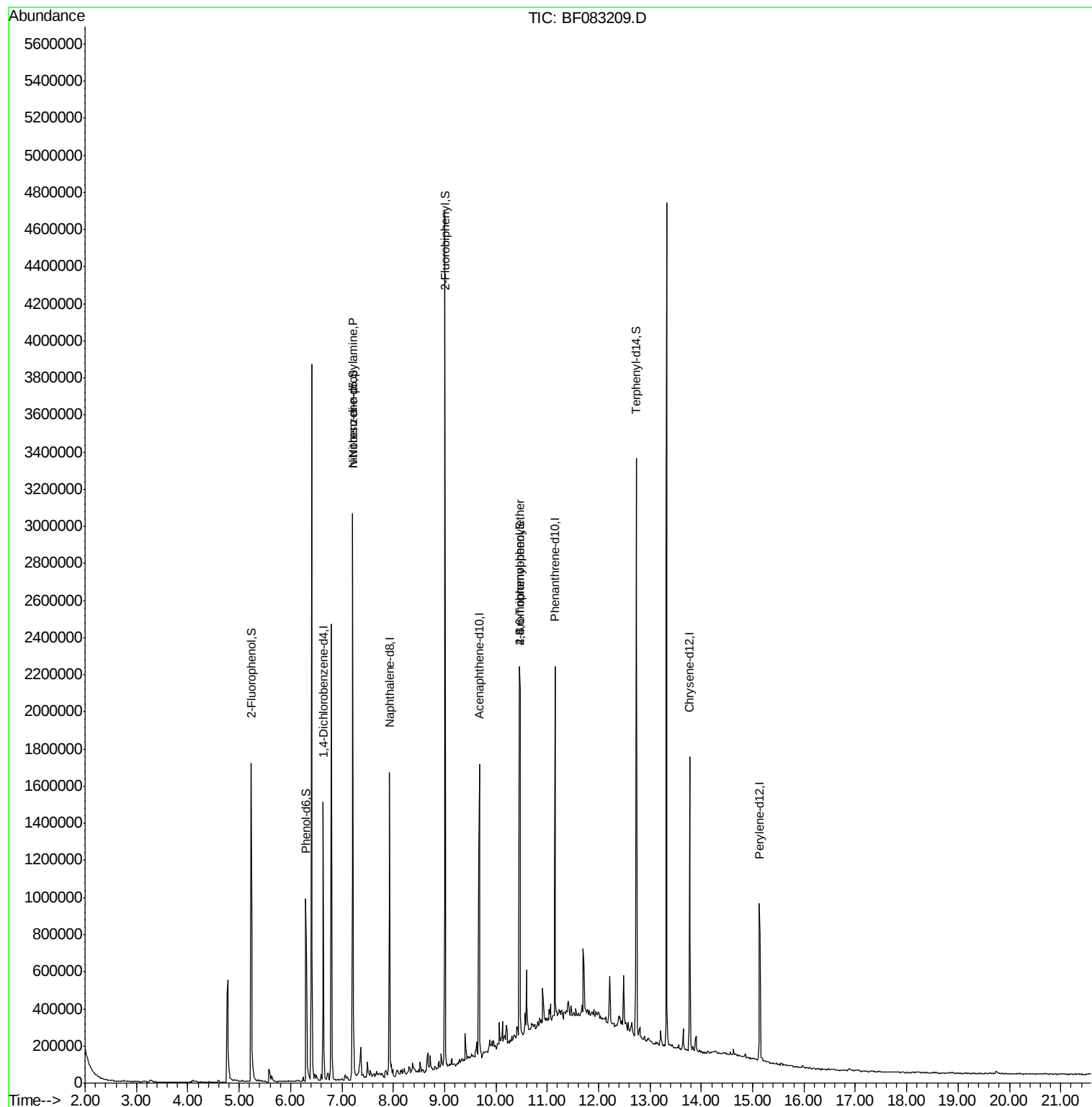
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	235169	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	861204	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	408944	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	738812	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	581123	20.00	ng	-0.03
86) Perylene-d12	15.13	264	447029	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	544809	35.02	ng	-0.04
7) Phenol-d6	6.30	99	482756	23.99	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1071089	56.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	340083	81.29	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1527889	52.10	ng	-0.02
78) Terphenyl-d14	12.73	244	1320552	53.51	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.25	77	3362	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.21	70	150361	10.74 ng	#	78
66) 4-Bromophenyl-phenylether	10.47	248	22306	2.72 ng	#	1

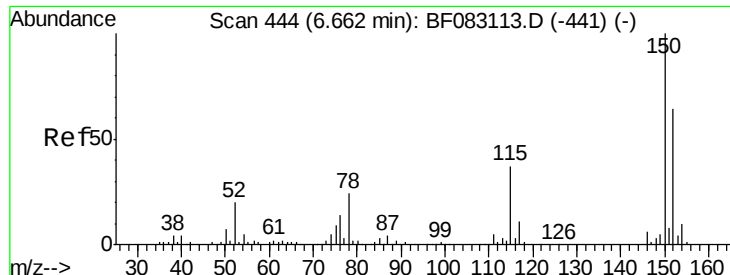
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 04:33:24 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: BF083209.D

Acq: 23 Nov 2015 17:43

Instrument :

BNA_F

ClientSampleId :

MW-12

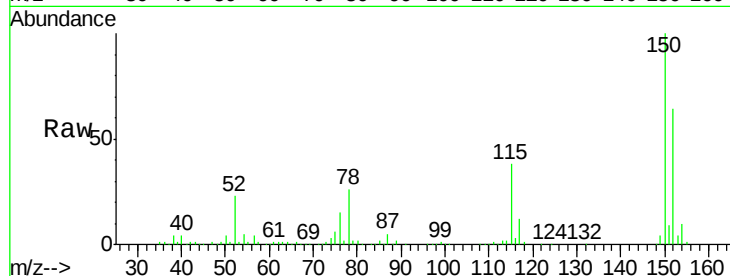
Tgt Ion:152 Resp: 235169

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.8

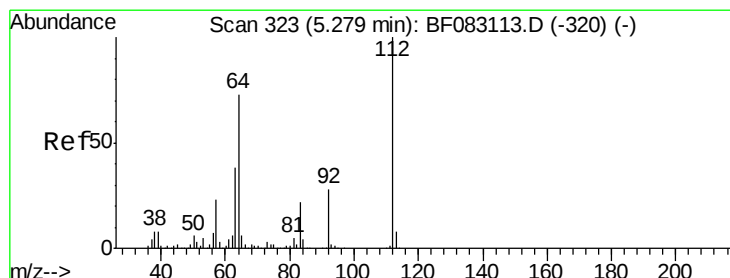
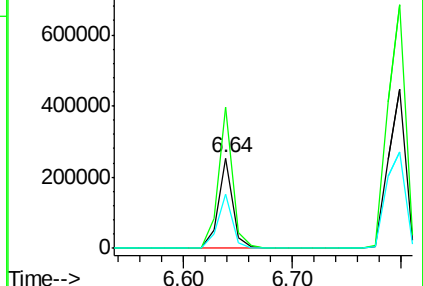
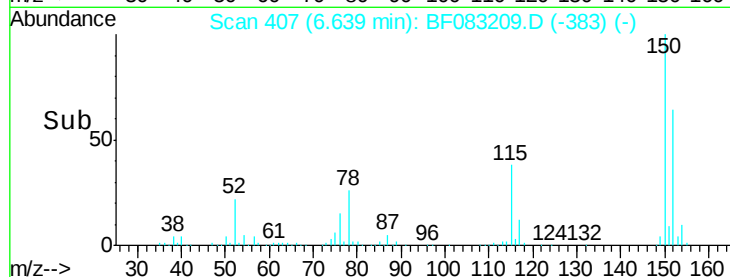
115 60.1 46.9 70.3



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: 35.02 ng

RT: 5.23 min Scan# 284

Delta R.T. -0.04 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

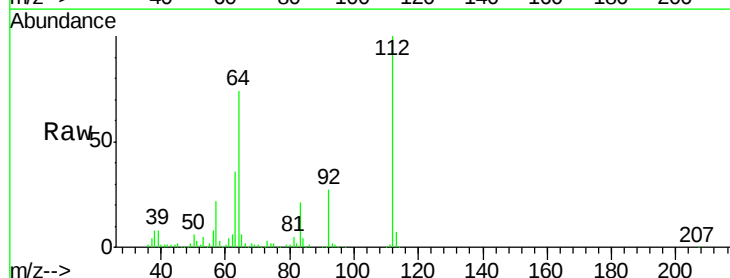
Tgt Ion:112 Resp: 544809

Ion Ratio Lower Upper

112 100

64 73.6 58.4 87.6

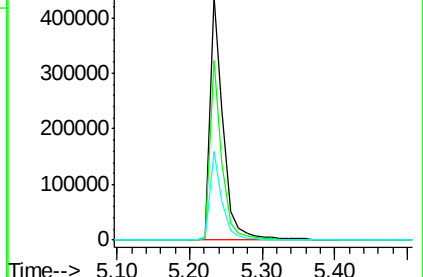
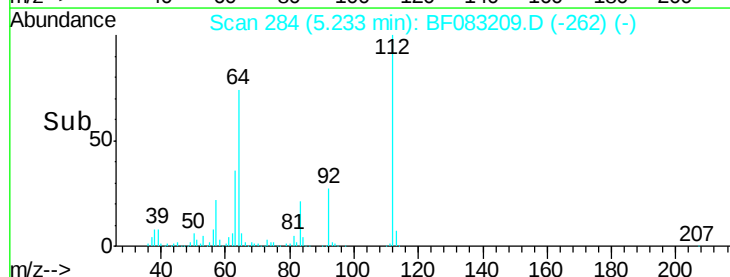
63 36.3 30.0 45.0

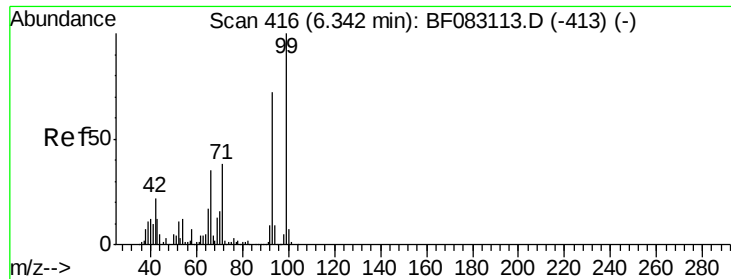


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.99 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

Instrument :

BNA_F

ClientSampleId :

MW-12

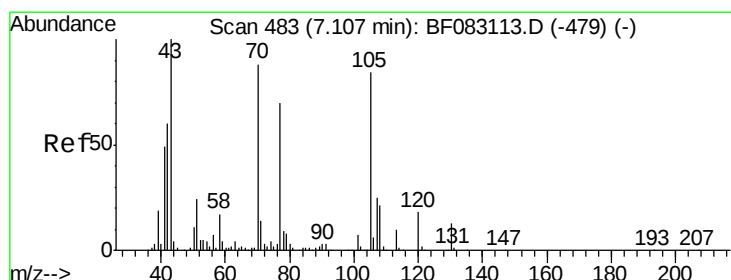
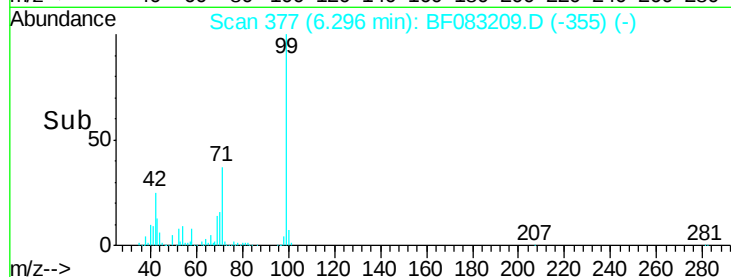
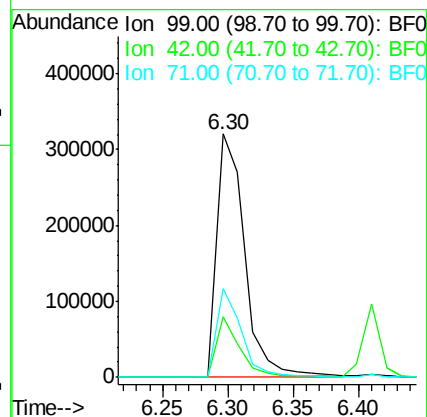
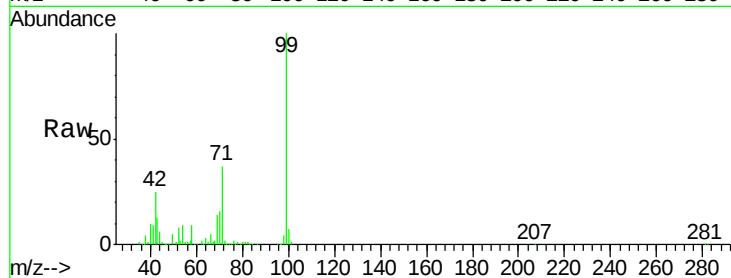
Tgt Ion: 99 Resp: 482756

Ion Ratio Lower Upper

99 100

42 24.9 17.7 26.5

71 36.6 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.74 ng

RT: 7.21 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

Tgt Ion: 70 Resp: 150361

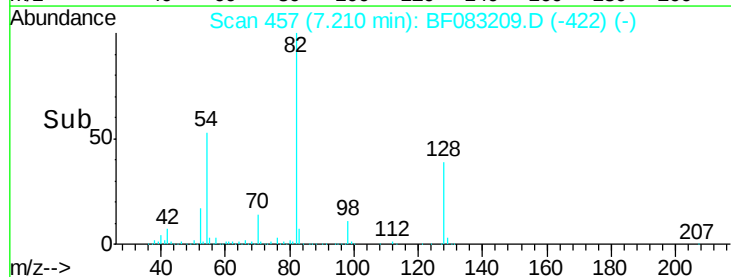
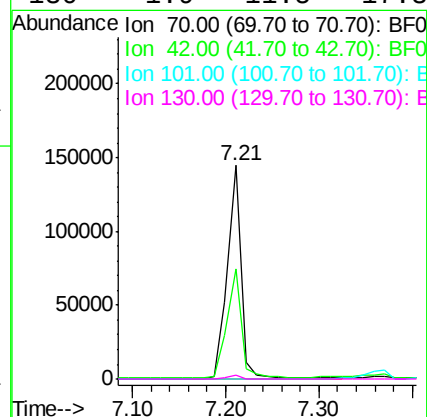
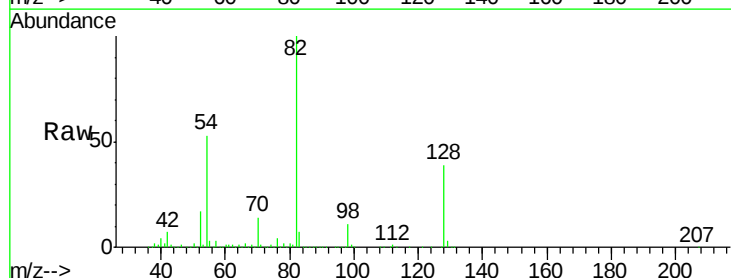
Ion Ratio Lower Upper

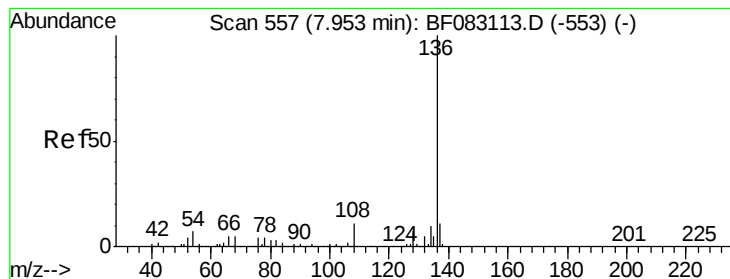
70 100

42 51.4 54.5 81.7#

101 0.0 6.6 9.8#

130 1.9 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: BF083209.D

Acq: 23 Nov 2015 17:43

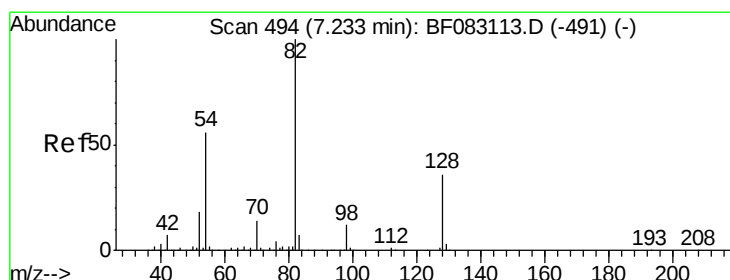
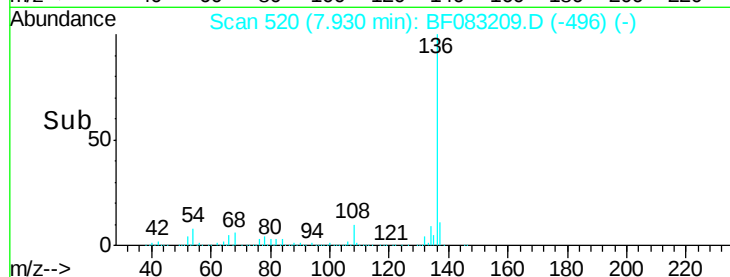
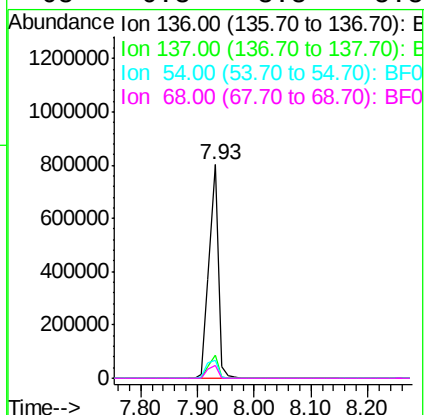
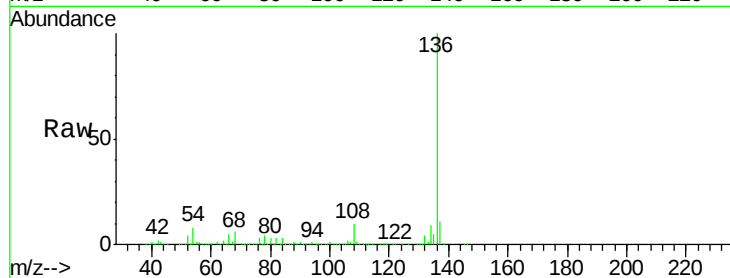
Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion:	136	Resp:	861204
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.3	5.8	8.6
68	6.3	3.8	5.8#



#23

Nitrobenzene-d5

Concen: 56.83 ng

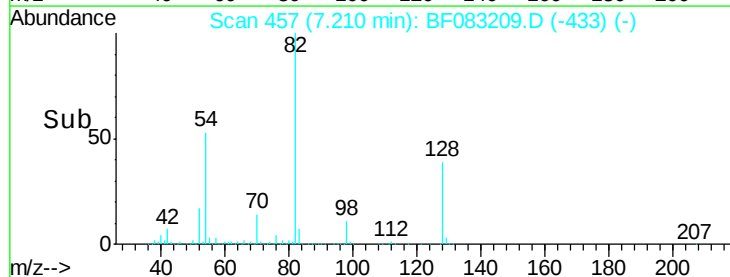
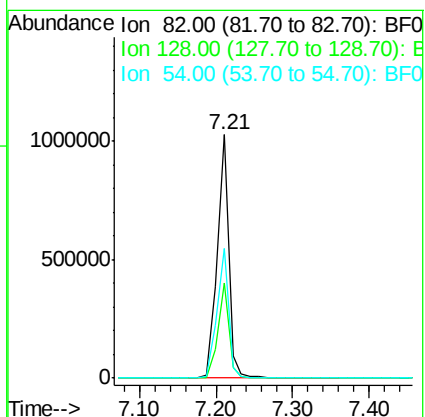
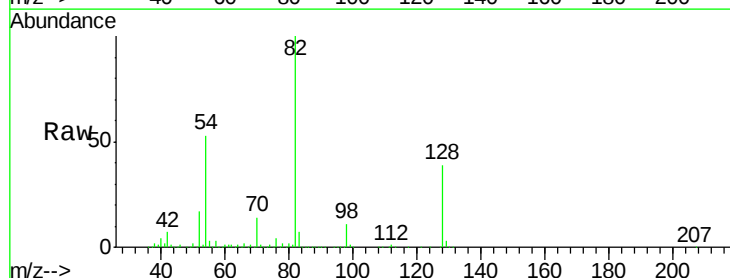
RT: 7.21 min Scan# 457

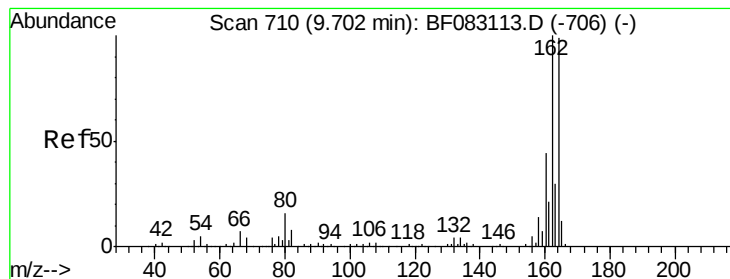
Delta R.T. -0.02 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

Tgt Ion:	82	Resp:	1071089
Ion	Ratio	Lower	Upper
82	100		
128	39.3	28.5	42.7
54	53.4	44.6	67.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

Instrument :

BNA_F

ClientSampleId :

MW-12

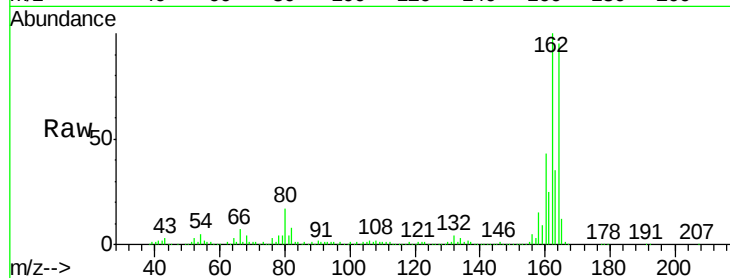
Tgt Ion:164 Resp: 408944

Ion Ratio Lower Upper

164 100

162 105.4 81.2 121.8

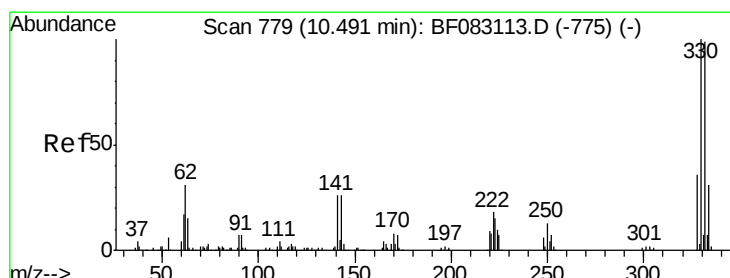
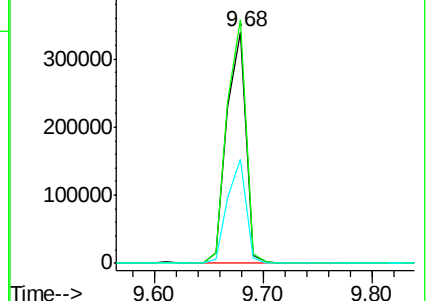
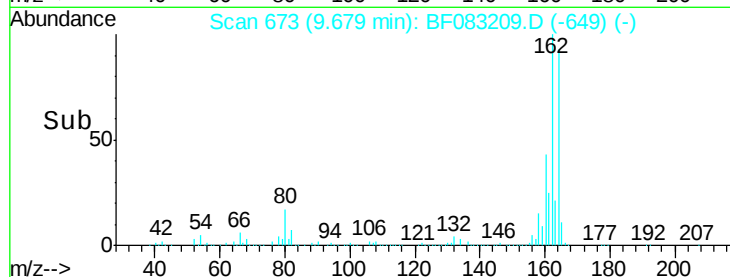
160 45.3 35.6 53.4



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: 81.29 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

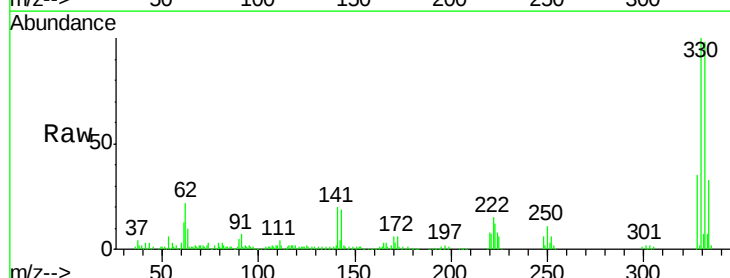
Tgt Ion:330 Resp: 340083

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

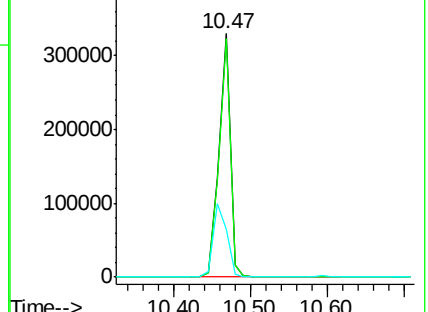
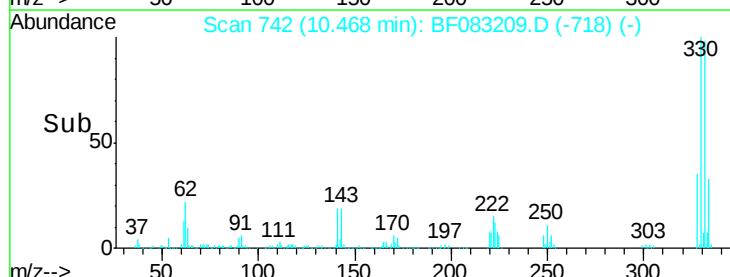
141 35.1 29.7 44.5

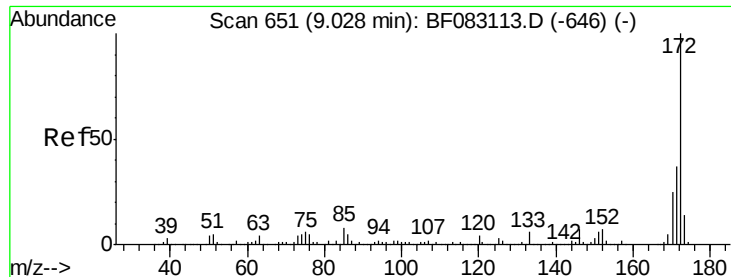


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

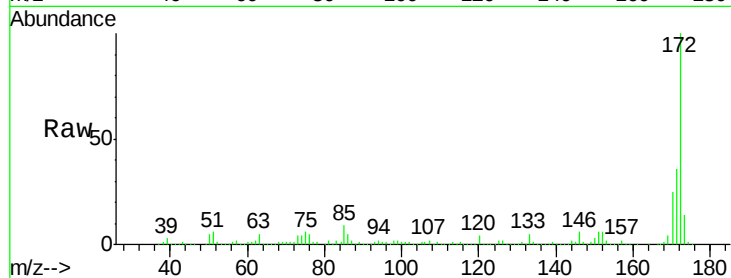




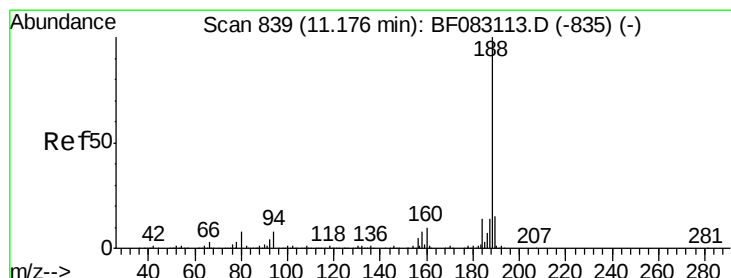
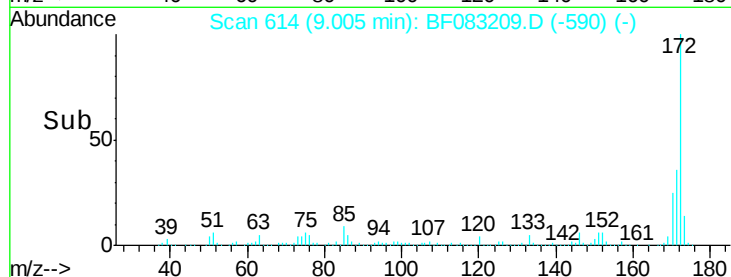
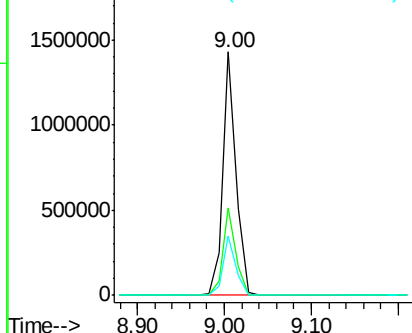
#44
 2-Fluorobiphenyl
 Concen: 52.10 ng
 RT: 9.00 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF083209.D
 Acq: 23 Nov 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:172 Resp: 1527889
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.5 44.3
 170 24.6 19.9 29.9

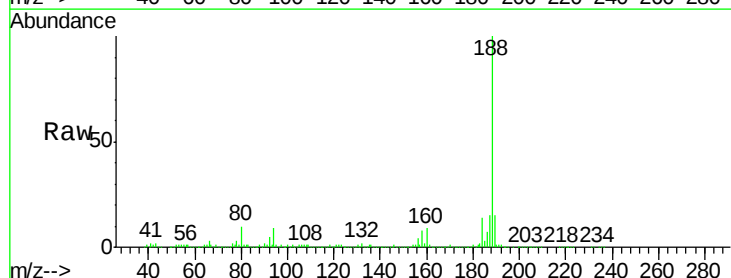


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

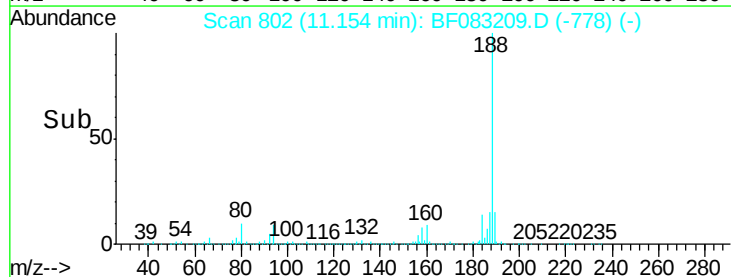
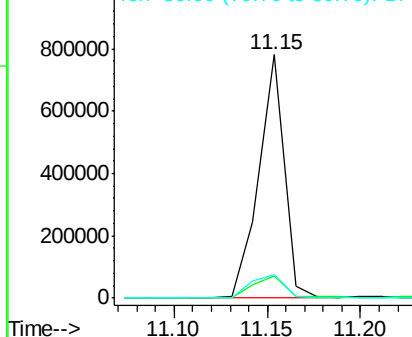


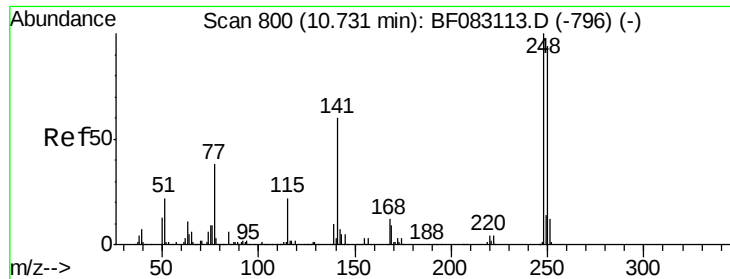
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF083209.D
 Acq: 23 Nov 2015 17:43

Tgt Ion:188 Resp: 738812
 Ion Ratio Lower Upper
 188 100
 94 9.2 6.0 9.0#
 80 9.7 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

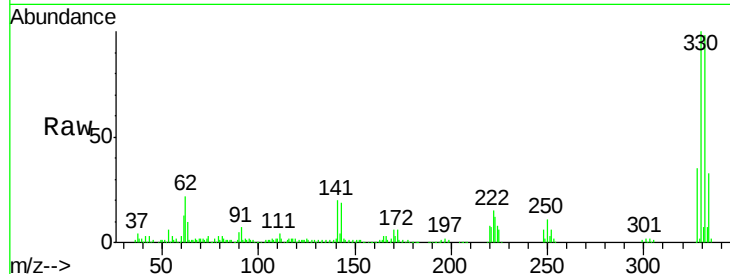




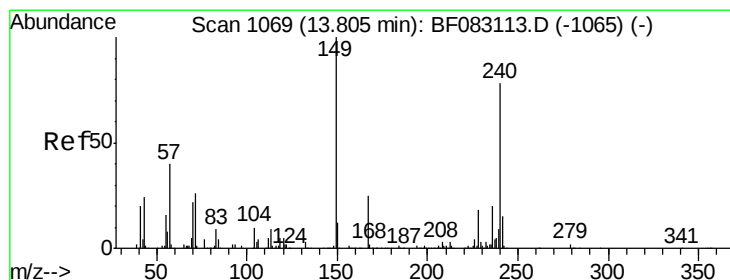
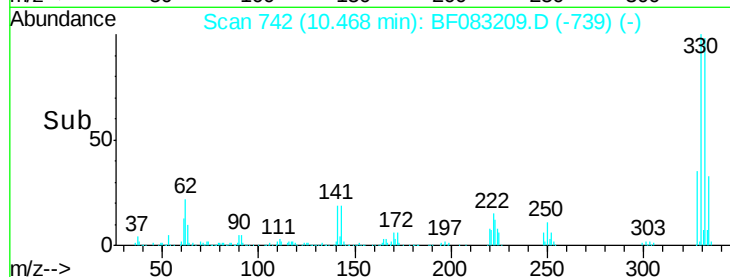
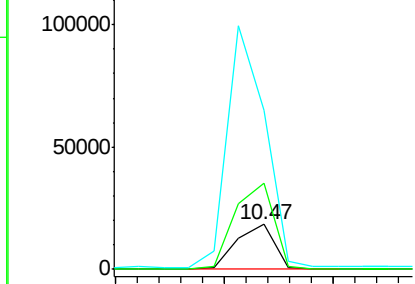
#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.26 min
 Lab File: BF083209.D
 Acq: 23 Nov 2015 17:43

Instrument :
 BNA_F
 ClientSampled :
 MW-12

Tgt Ion:248 Resp: 22306
 Ion Ratio Lower Upper
 248 100
 250 191.9 75.4 113.2#
 141 352.6 48.1 72.1#

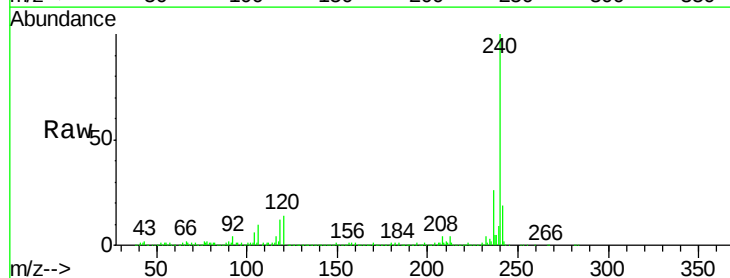


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

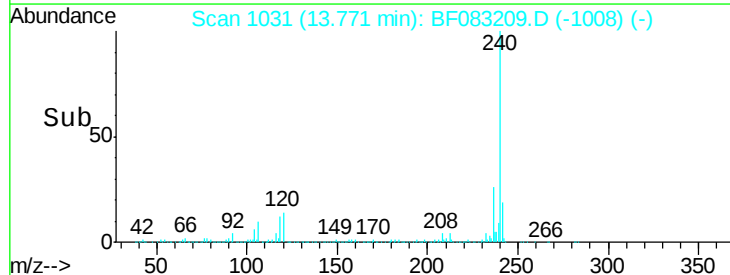
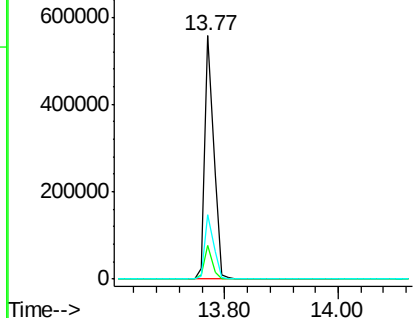


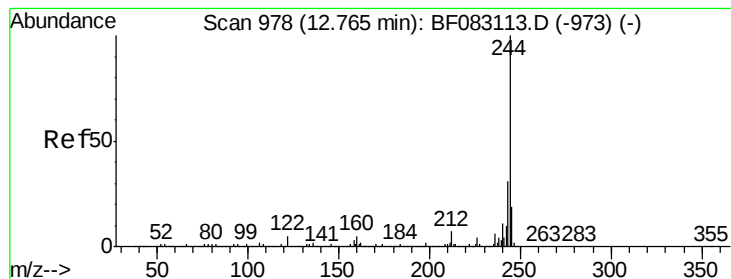
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF083209.D
 Acq: 23 Nov 2015 17:43

Tgt Ion:240 Resp: 581123
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.4 8.2#
 236 26.2 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: 53.51 ng

RT: 12.73 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

Instrument :

BNA_F

ClientSampleId :

MW-12

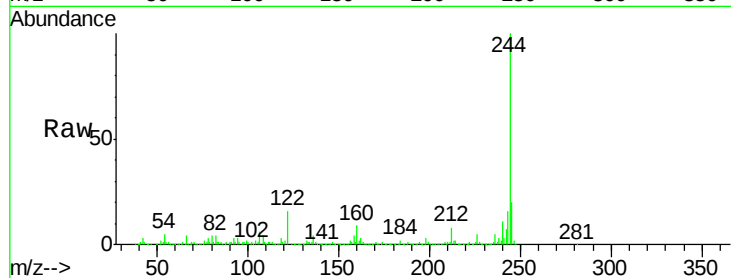
Tgt Ion:244 Resp: 1320552

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

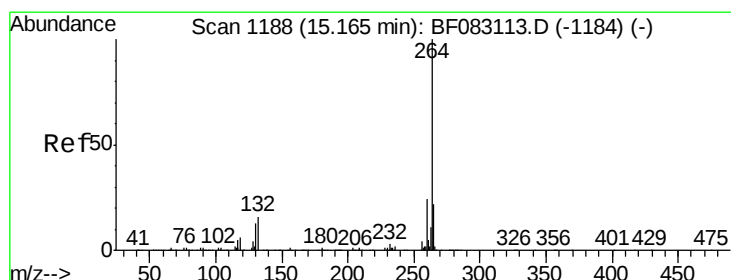
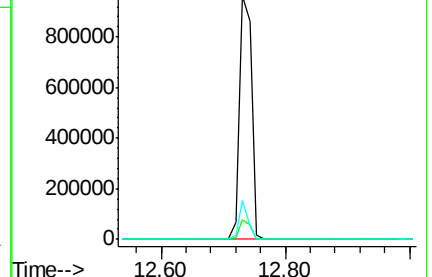
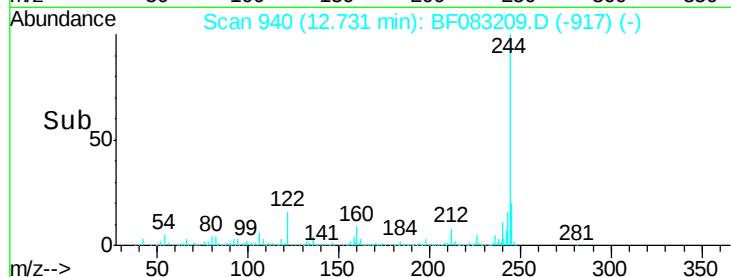
122 15.9 4.3 6.5#



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: BF083209.D

Acq: 23 Nov 2015 17:43

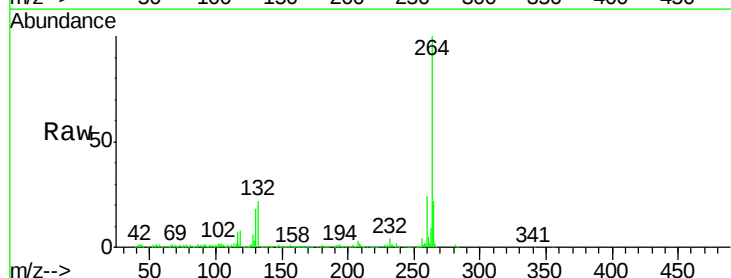
Tgt Ion:264 Resp: 447029

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.3 18.2 27.4



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

