

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083103.D
 Acq On : 21 Nov 2015 4:31
 Operator : UM/IZ
 Sample : G4486-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Nov 21 06:07:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

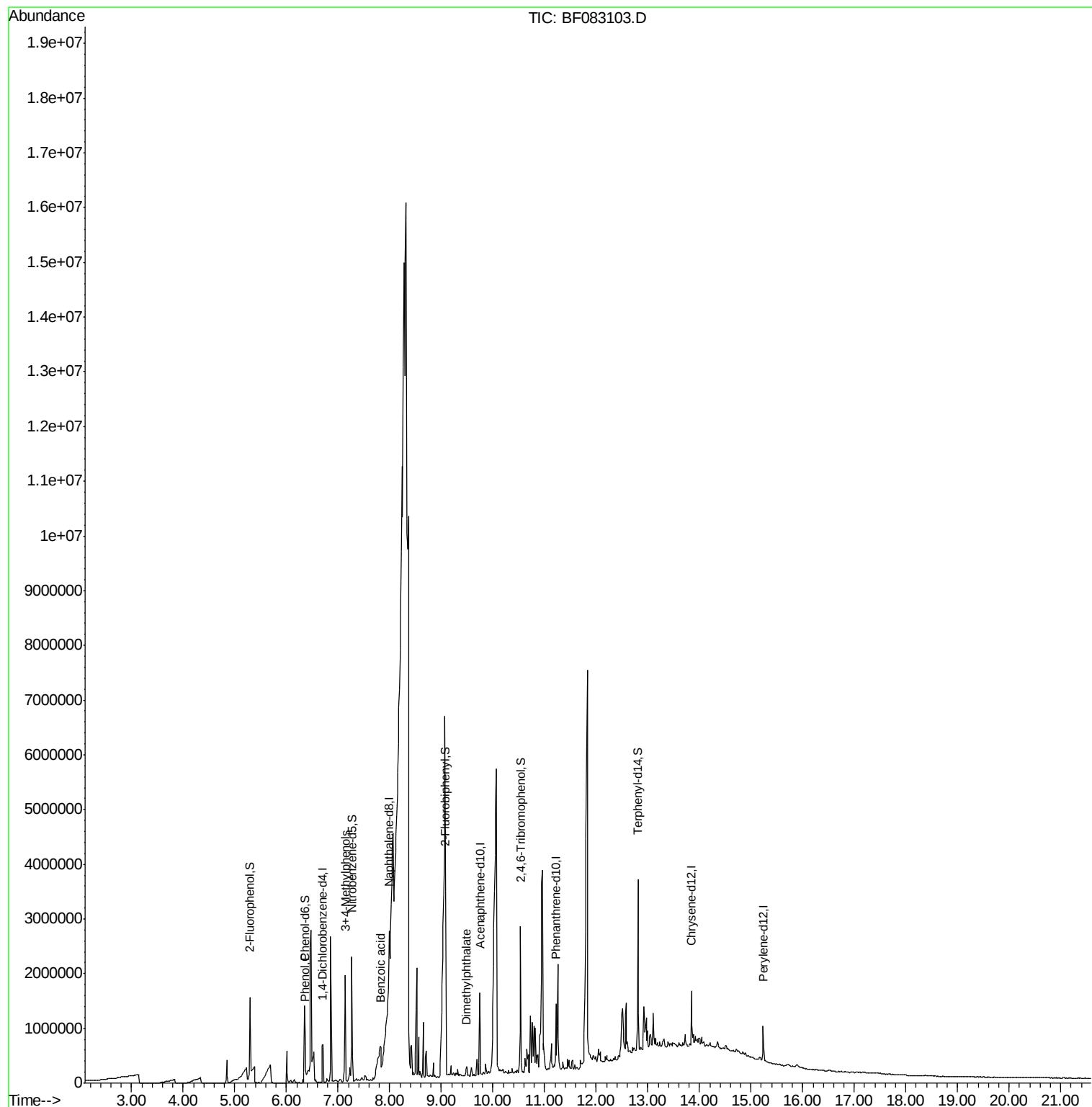
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	158619	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	537125	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	278499	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	411008	20.00	ng	0.00
75) Chrysene-d12	13.85	240	367208	20.00	ng	-0.01
86) Perylene-d12	15.23	264	280997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	495660	48.53	ng	0.00
7) Phenol-d6	6.35	99	445911	33.15	ng	0.00
23) Nitrobenzene-d5	7.26	82	814417	69.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	274978	92.99	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1511358	73.09	ng	0.00
78) Terphenyl-d14	12.81	244	963596	61.95	ng	0.00
Target Compounds						
10) Phenol	6.36	94	129500	8.26	ng	99
20) 3+4-Methylphenols	7.14	107	703349	56.73	ng	84
32) Benzoic acid	7.82	122	527481	101.39	ng	92
49) Dimethylphthalate	9.48	163	53317	2.33	ng	98

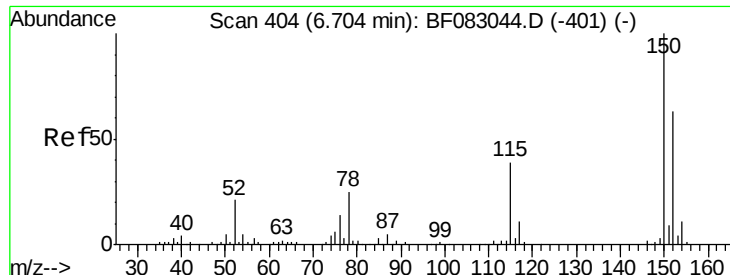
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

MW-13

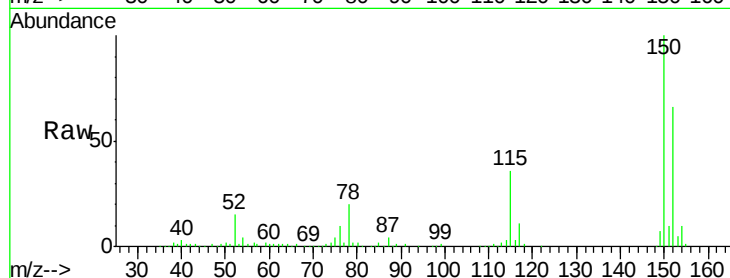
Tot Ion:152 Resp: 158619

Ion Ratio Lower Upper

152 100

150 150.5 126.4 189.6

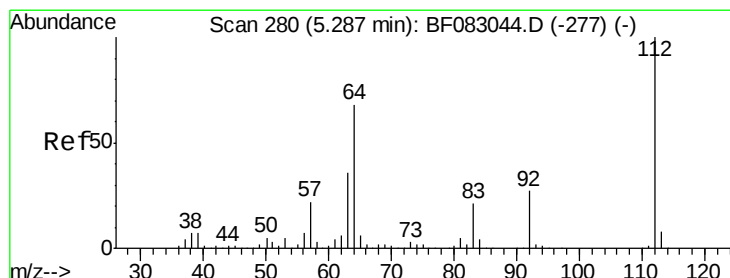
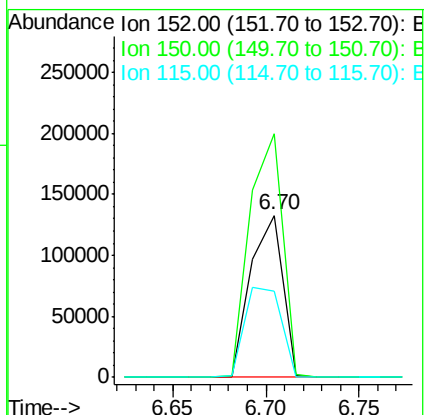
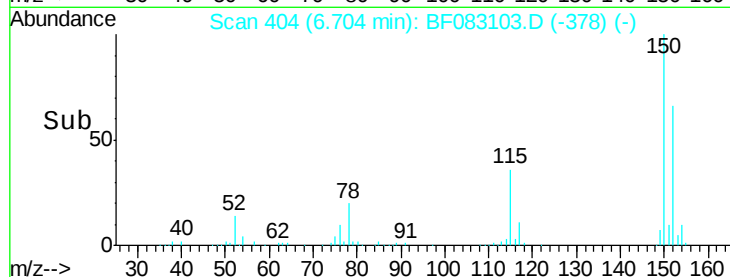
115 53.6 49.0 73.6



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: 48.53 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

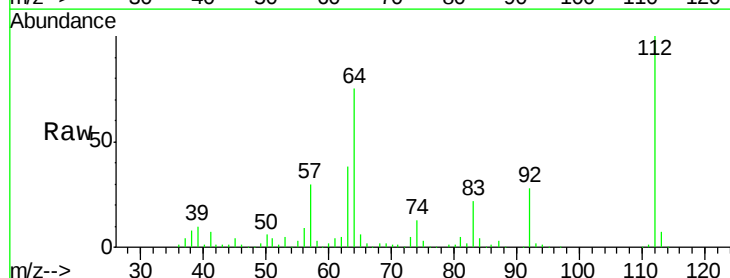
Tgt Ion:112 Resp: 495660

Ion Ratio Lower Upper

112 100

64 74.6 54.8 82.2

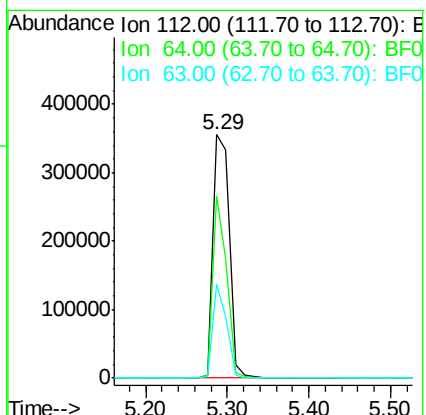
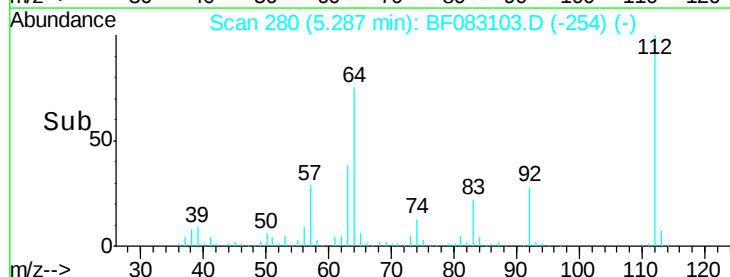
63 38.4 29.0 43.4

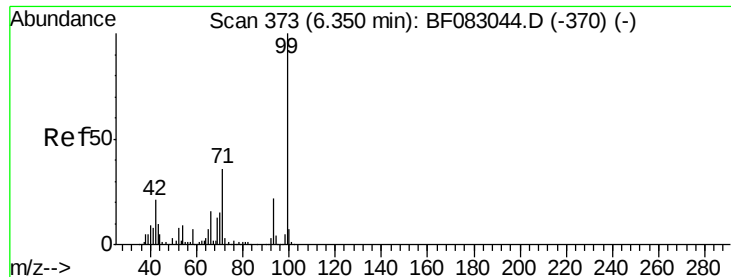


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.15 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

MW-13

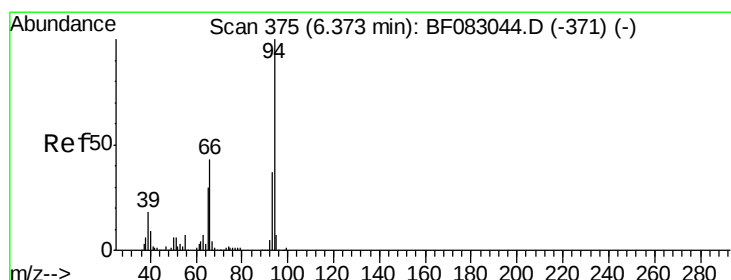
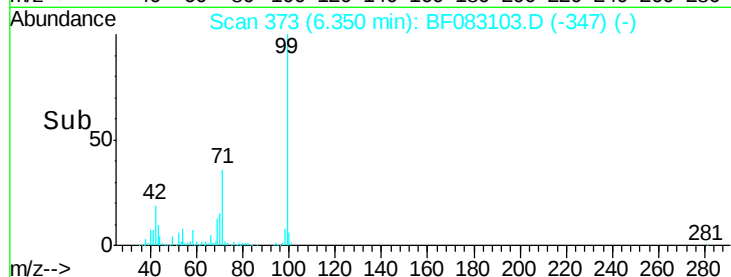
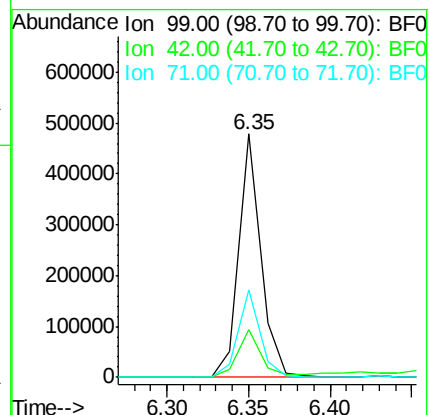
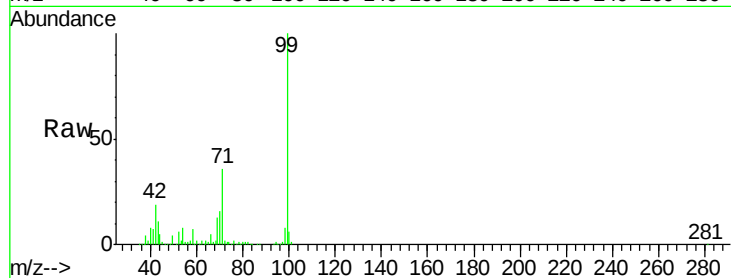
Tot Ion: 99 Resp: 445911

Ion Ratio Lower Upper

99 100

42 19.4 16.6 25.0

71 36.1 29.2 43.8



#10

Phenol

Concen: 8.26 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

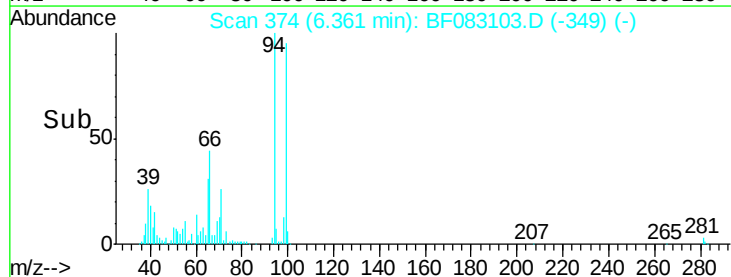
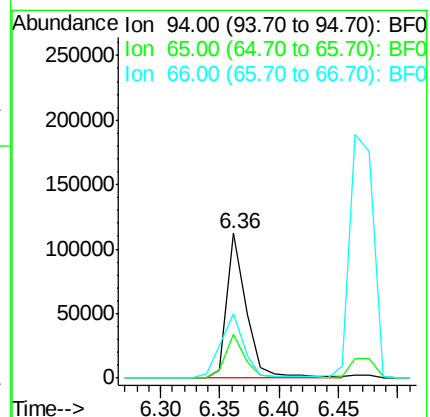
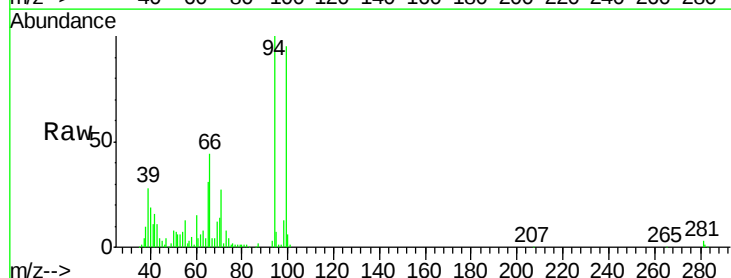
Tgt Ion: 94 Resp: 129500

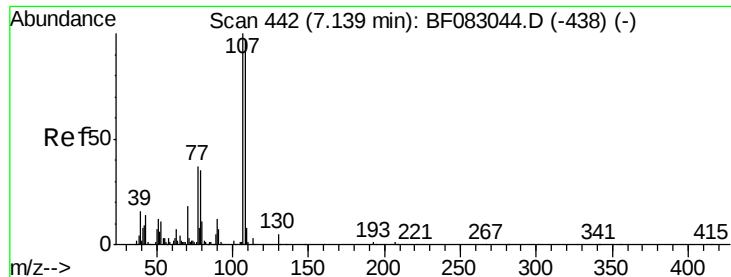
Ion Ratio Lower Upper

94 100

65 30.7 10.1 50.1

66 44.3 23.2 63.2





#20

3+4-Methylphenols

Concen: 56.73 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

MW-13

Tot Ion:107 Resp: 703349

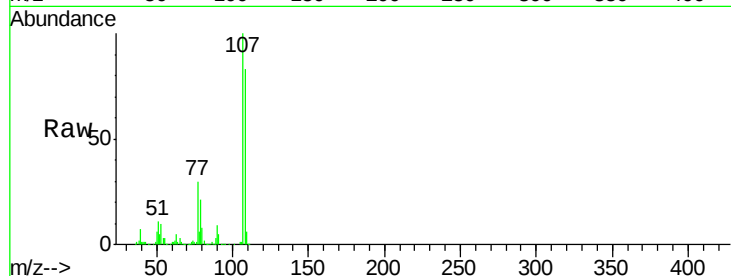
Ion Ratio Lower Upper

107 100

108 82.7 77.4 117.4

77 29.8 16.7 56.7

79 21.1 15.2 55.2

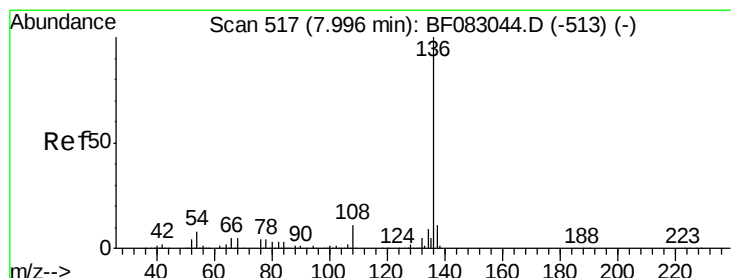
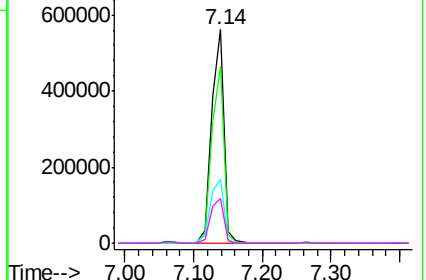
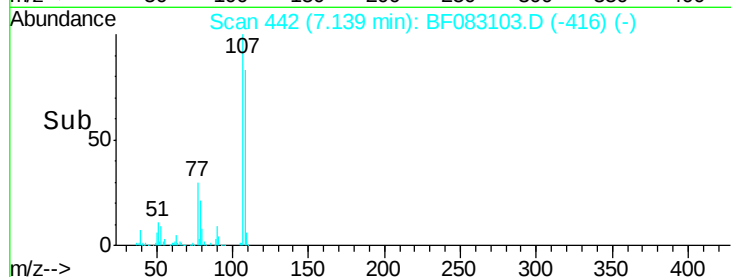


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Tgt Ion:136 Resp: 537125

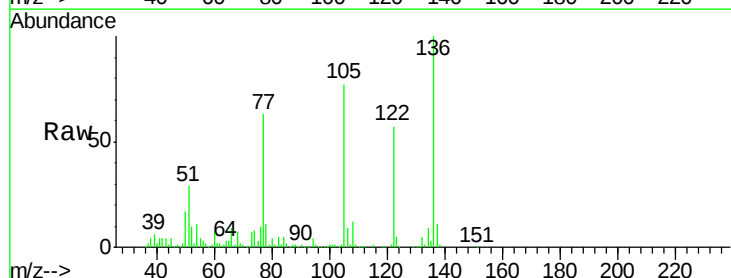
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 11.3 6.2 9.2#

68 7.3 4.2 6.2#

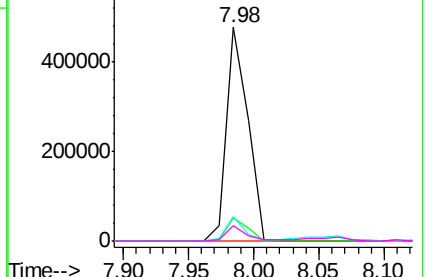
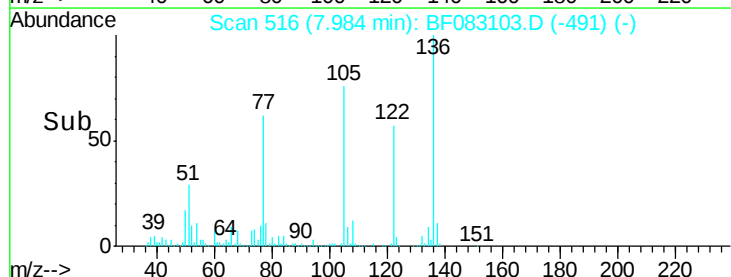


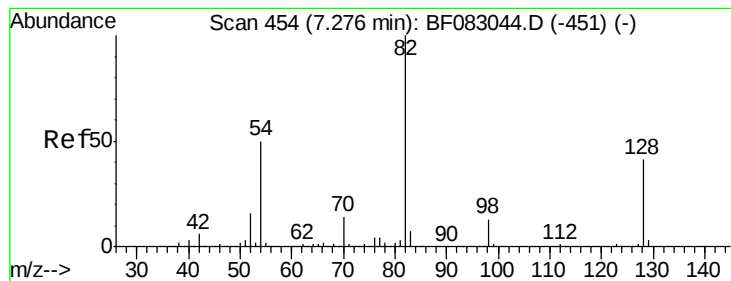
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.41 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

MW-13

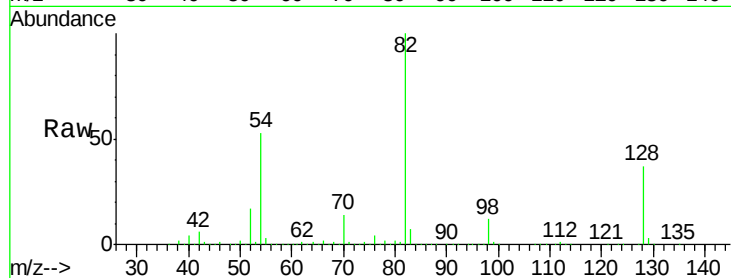
Tot Ion: 82 Resp: 814417

Ion Ratio Lower Upper

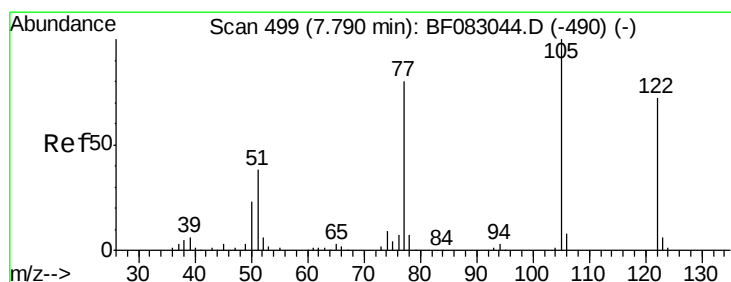
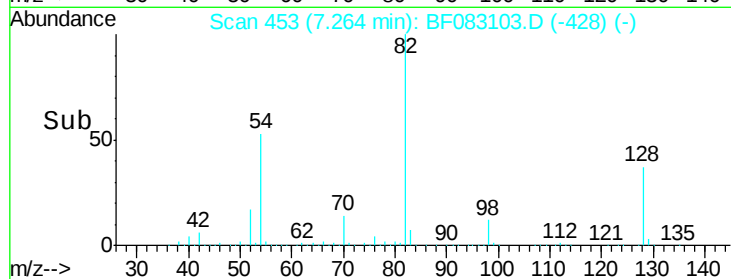
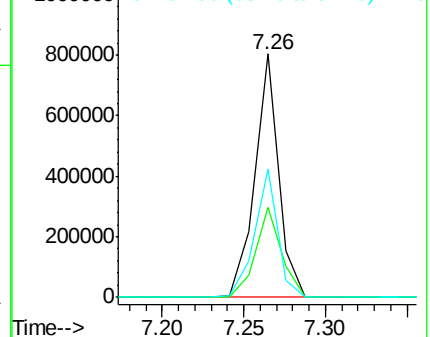
82 100

128 36.7 33.1 49.7

54 52.6 39.8 59.6



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



#32

Benzoic acid

Concen: 101.39 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.03 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

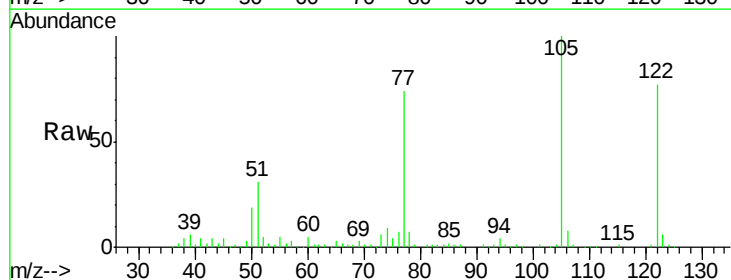
Tgt Ion:122 Resp: 527481

Ion Ratio Lower Upper

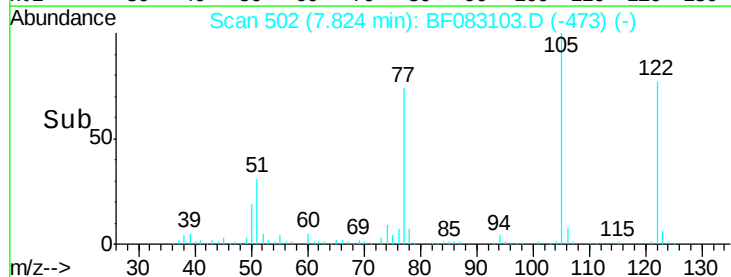
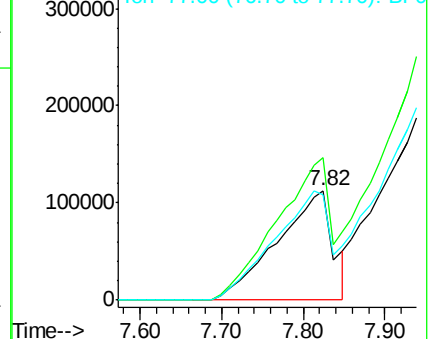
122 100

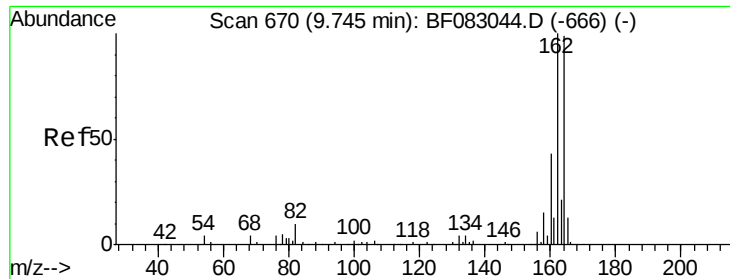
105 129.9 115.0 155.0

77 96.5 89.0 129.0



Abundance Ion 122.00 (121.70 to 122.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

MW-13

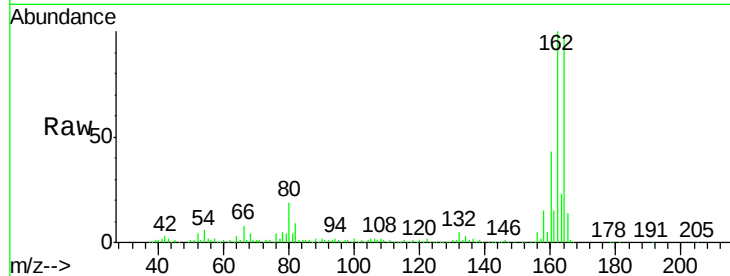
Tot Ion:164 Resp: 278499

Ion Ratio Lower Upper

164 100

162 103.1 80.5 120.7

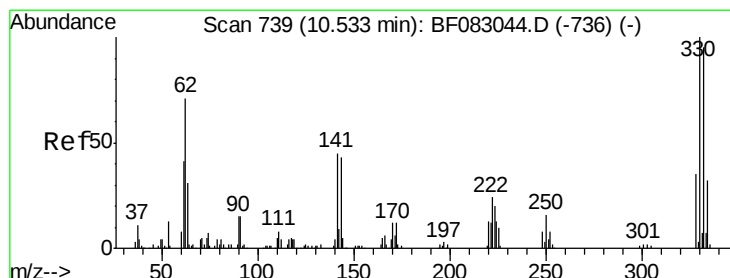
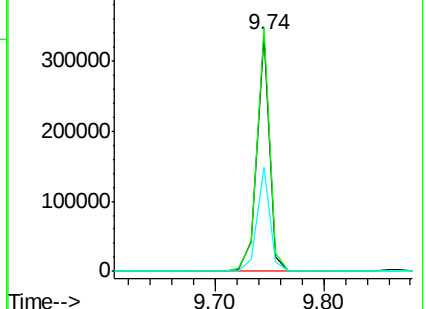
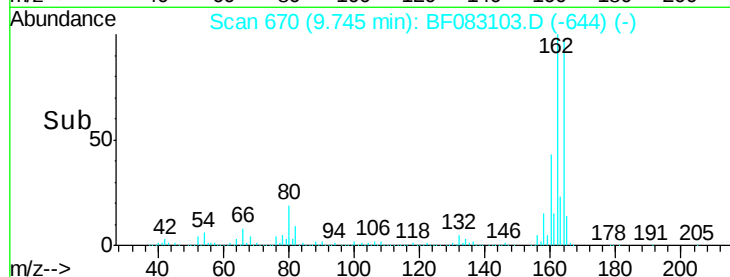
160 44.0 35.0 52.4



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: 92.99 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

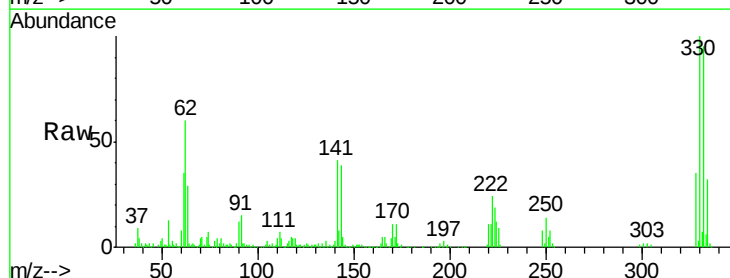
Tgt Ion:330 Resp: 274978

Ion Ratio Lower Upper

330 100

332 95.1 77.6 116.4

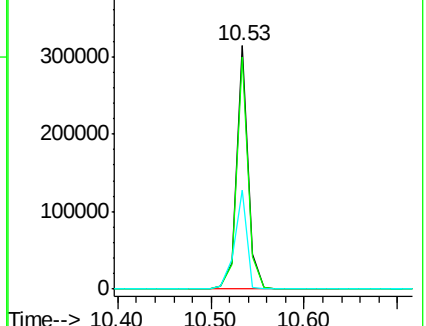
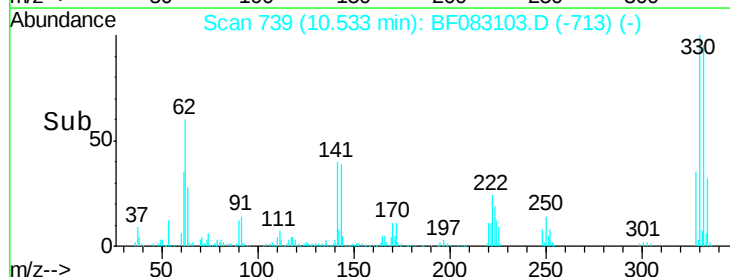
141 45.2 34.6 52.0

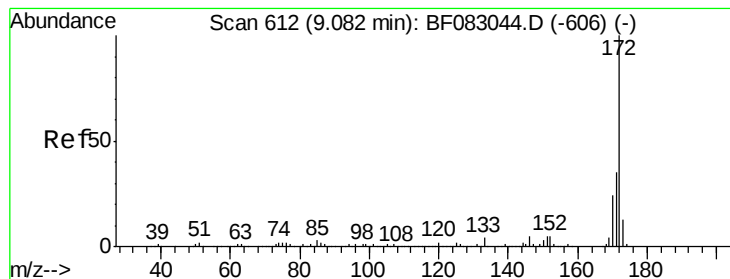


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

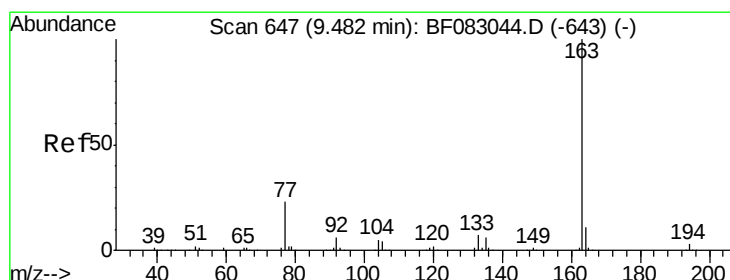
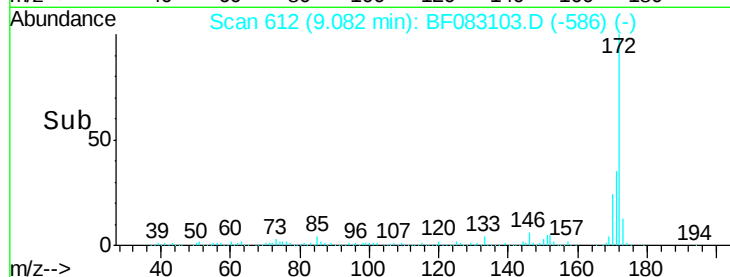
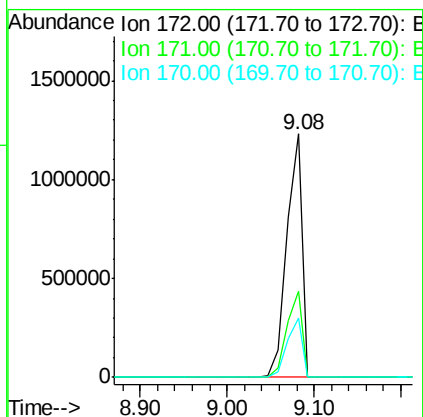
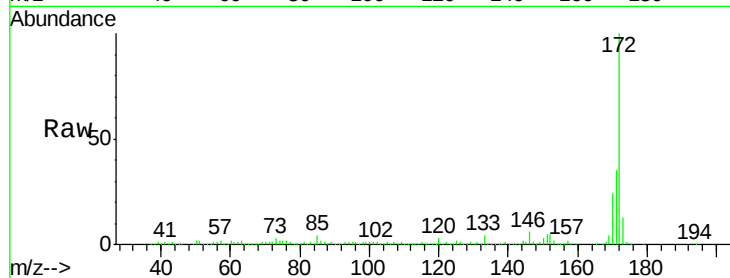




#44
2-Fluorobiphenyl
Concen: 73.09 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF083103.D
Acq: 21 Nov 2015 4:31

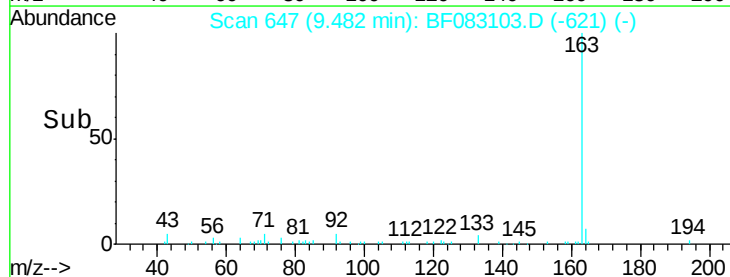
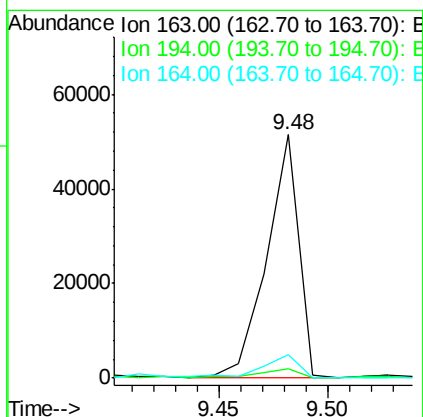
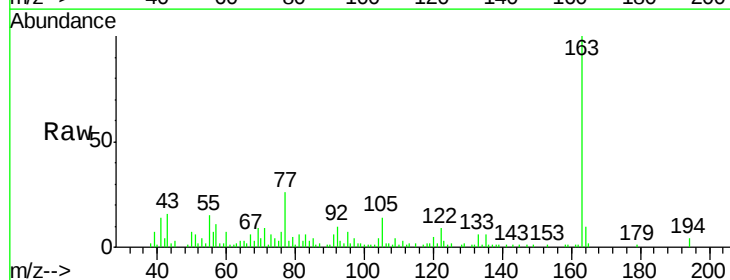
Instrument :
BNA_F
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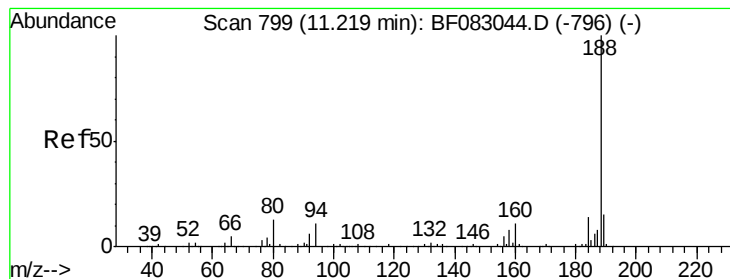
Tot Ion:172 Resp: 1511358
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 24.4 19.4 29.0



#49
Dimethylphthalate
Concen: 2.33 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083103.D
Acq: 21 Nov 2015 4:31

Tgt Ion:163 Resp: 53317
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.8 8.5 12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

MW-13

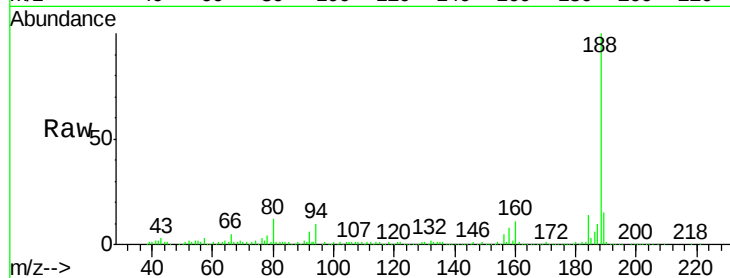
Tot Ion:188 Resp: 411008

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

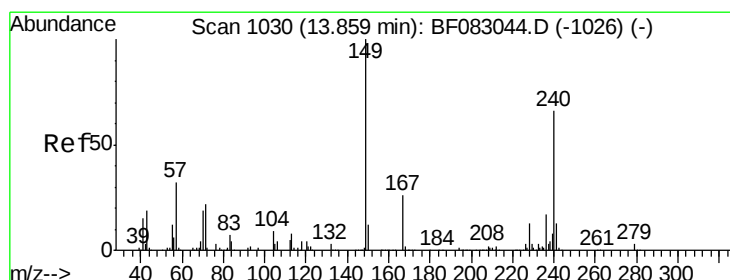
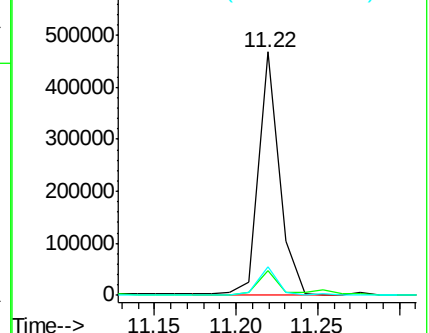
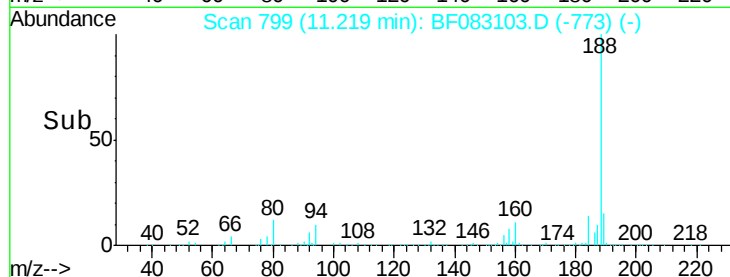
80 11.9 10.2 15.4



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

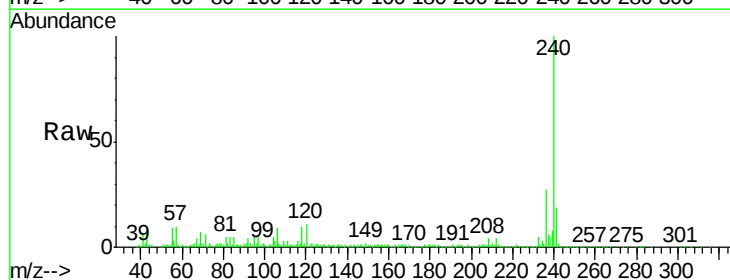
Tgt Ion:240 Resp: 367208

Ion Ratio Lower Upper

240 100

120 11.1 5.3 7.9#

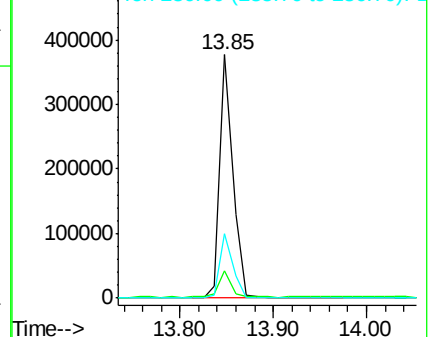
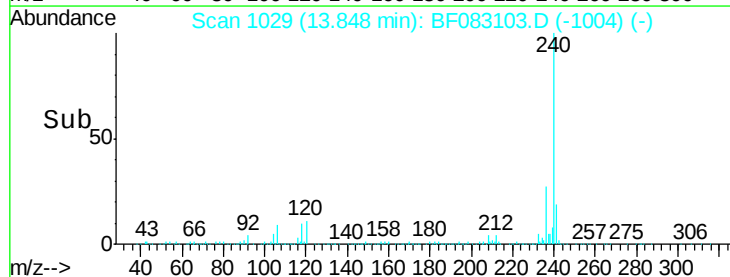
236 26.6 20.4 30.6

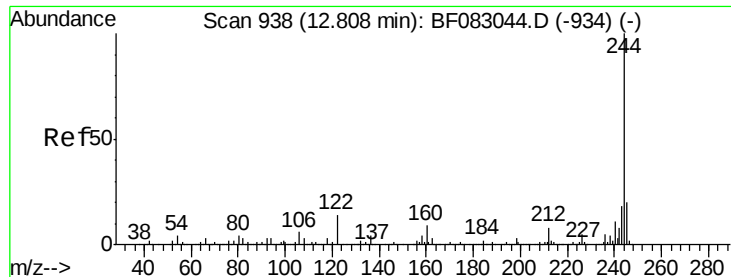


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.95 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

MW-13

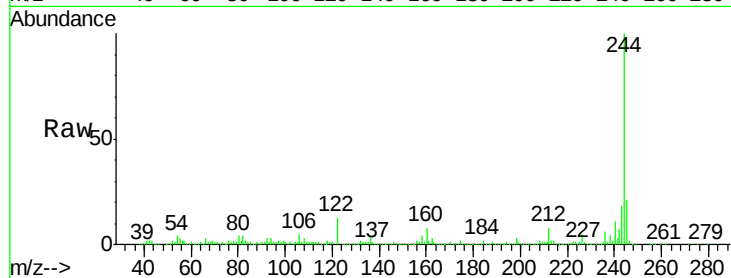
Tot Ion:244 Resp: 963596

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

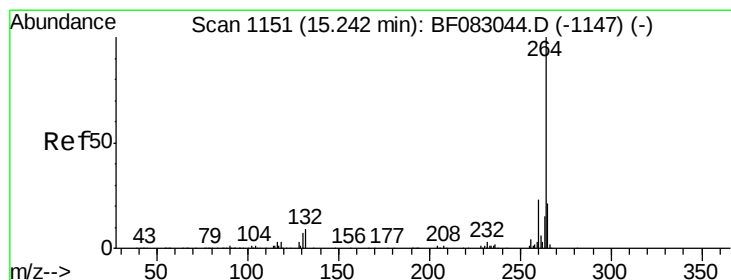
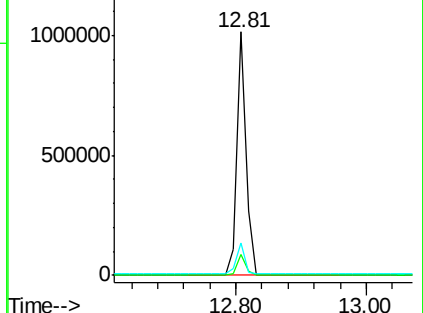
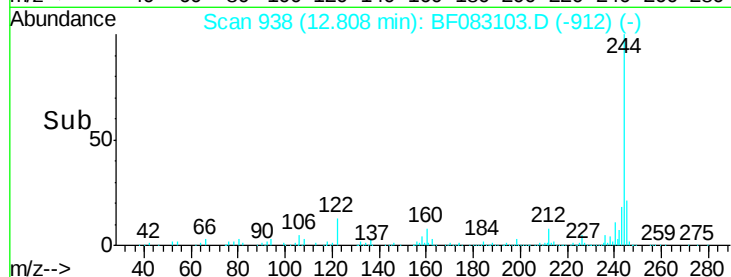
122 13.2 10.9 16.3



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: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF083103.D

Acq: 21 Nov 2015 4:31

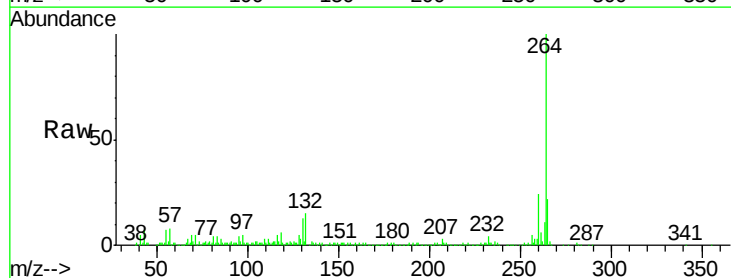
Tgt Ion:264 Resp: 280997

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.7 17.0 25.6



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

