

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084178.D
 Acq On : 31 Dec 2015 6:33
 Operator : UM/SJ
 Sample : G4979-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: Dec 31 16:01:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 04:29:55 2015
 Response via : Initial Calibration

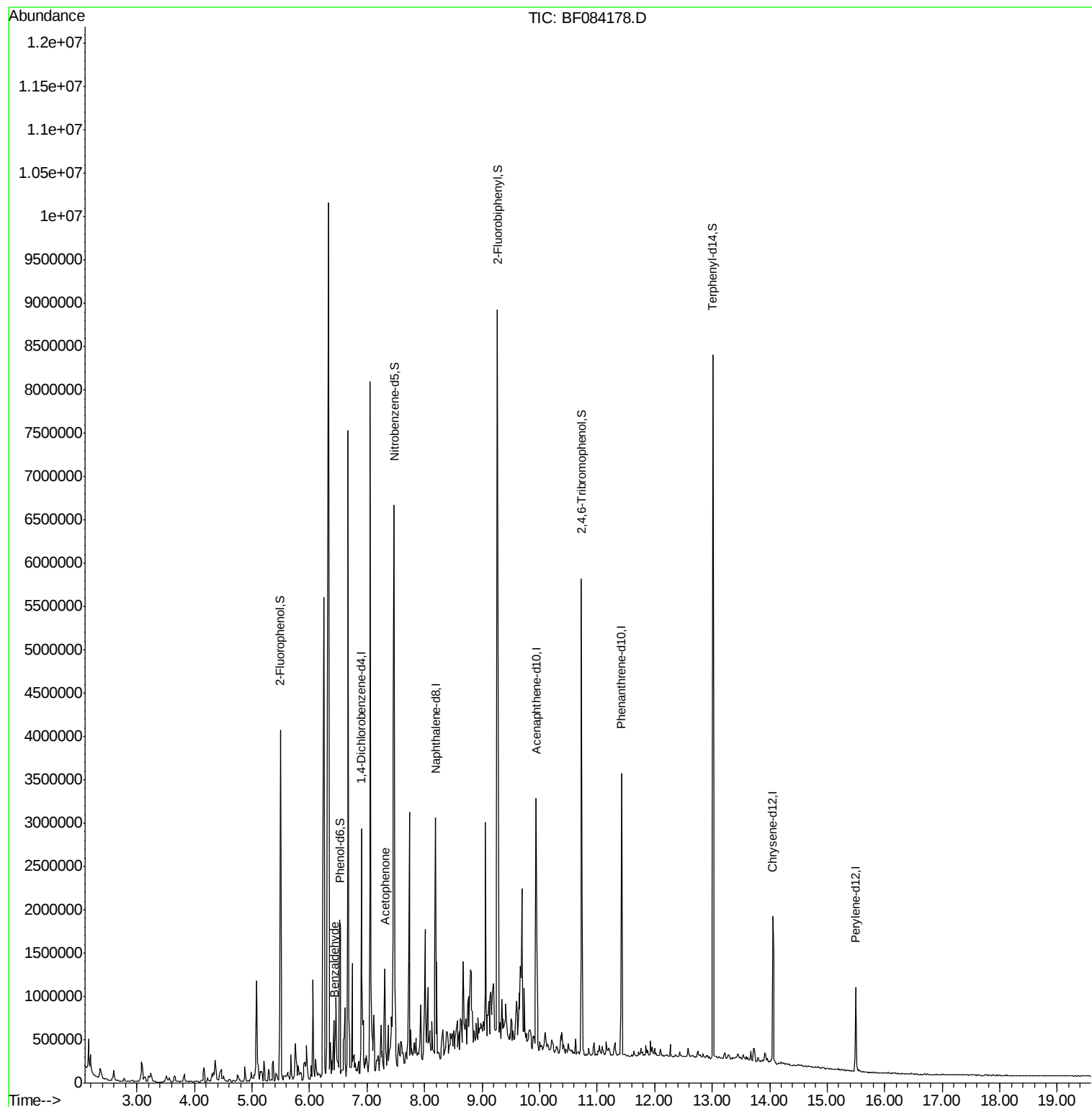
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	298163	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1281180	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	547147	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1035568	20.00	ng	0.00
75) Chrysene-d12	14.05	240	777898	20.00	ng	-0.01
86) Perylene-d12	15.49	264	515501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	993945	53.46	ng	0.00
7) Phenol-d6	6.53	99	866482	36.00	ng	0.01
23) Nitrobenzene-d5	7.47	82	2256753	104.08	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	699940	128.17	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	3134535	103.87	ng	0.00
78) Terphenyl-d14	13.01	244	2791767	84.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	61589	3.03	ng	Qvalue 97
22) Acetophenone	7.31	105	300625	9.62	ng	# 73

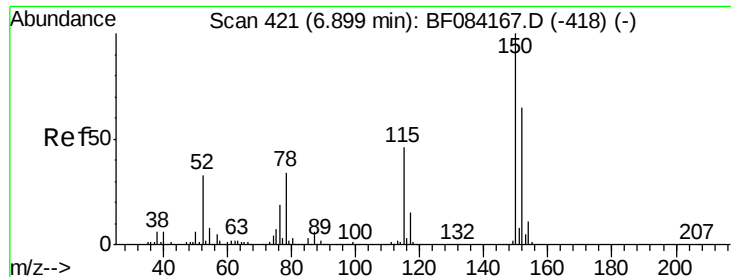
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 31 04:29:55 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

Instrument :

BNA_F

ClientSampleId :

W-37

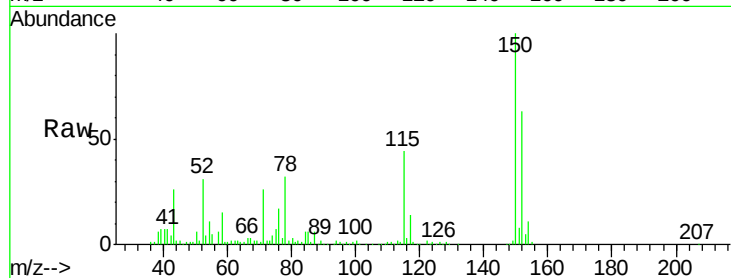
Tot Ion:152 Resp: 298163

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.8

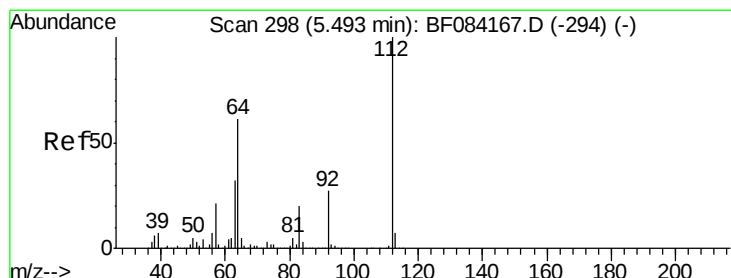
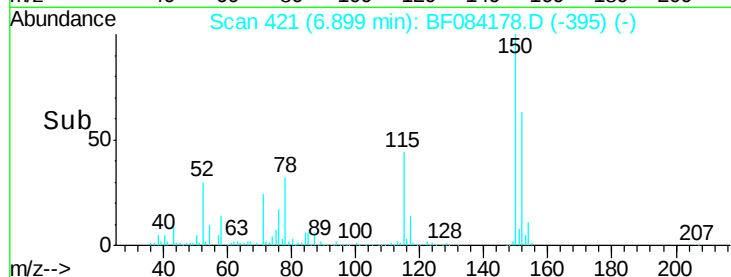
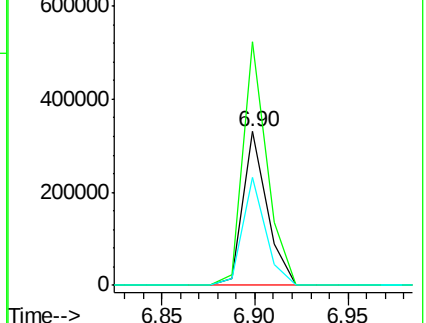
115 70.4 57.1 85.7



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: 53.46 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

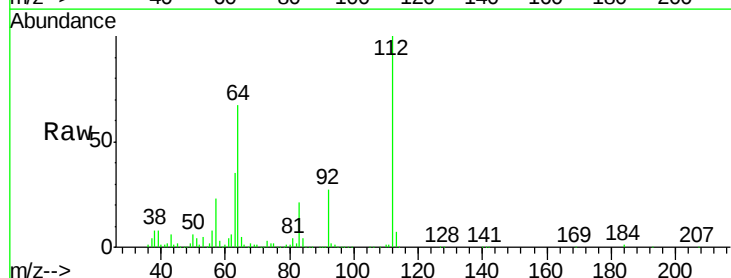
Tgt Ion:112 Resp: 993945

Ion Ratio Lower Upper

112 100

64 66.8 48.7 73.1

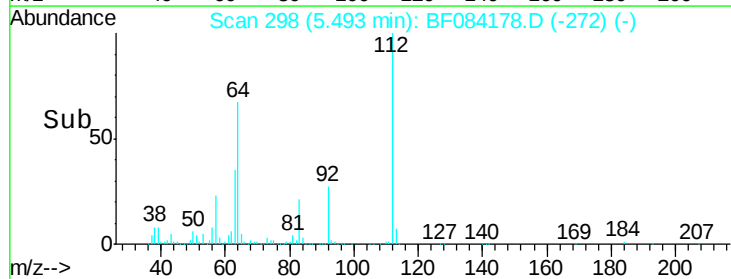
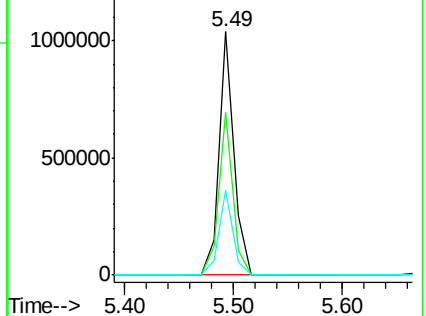
63 35.0 25.9 38.9

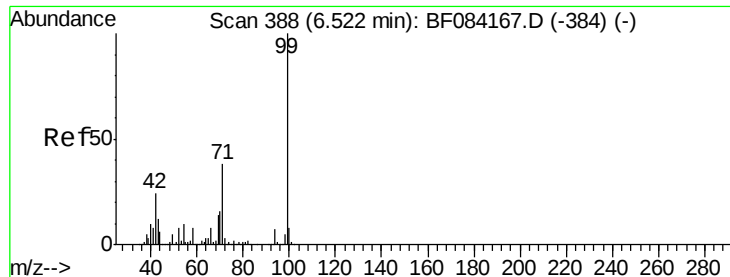


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.00 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

Instrument :

BNA_F

ClientSampleId :

W-37

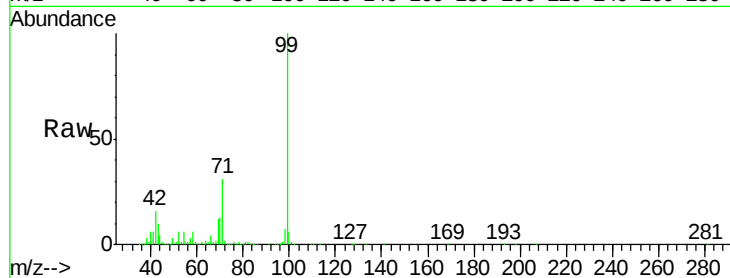
Tot Ion: 99 Resp: 866482

Ion Ratio Lower Upper

99 100

42 16.4 19.2 28.8#

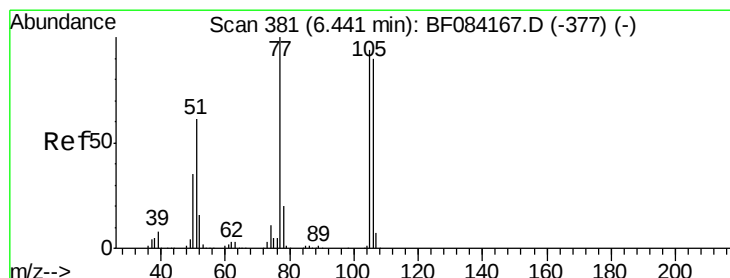
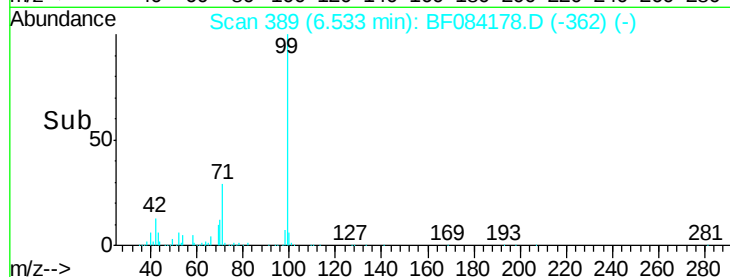
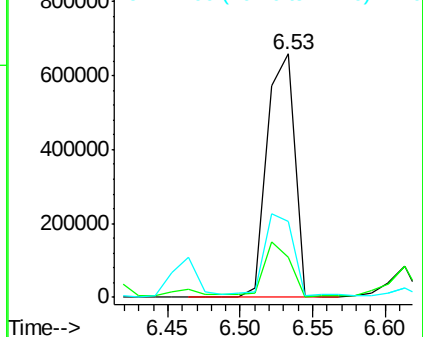
71 31.2 30.4 45.6



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



#9

Benzaldehyde

Concen: 3.03 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

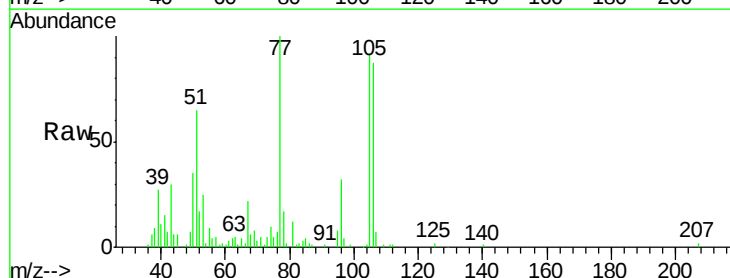
Tgt Ion: 77 Resp: 61589

Ion Ratio Lower Upper

77 100

105 91.3 73.7 113.7

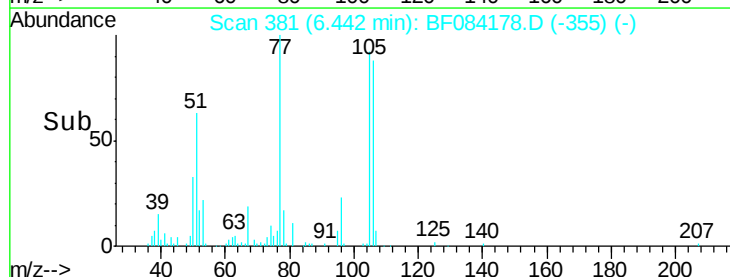
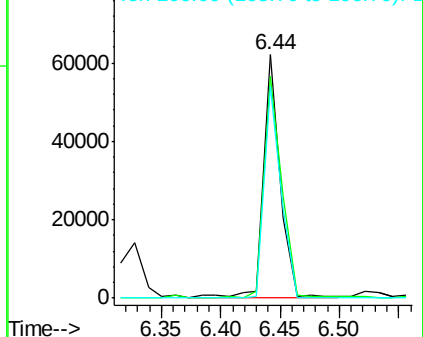
106 86.9 69.5 109.5

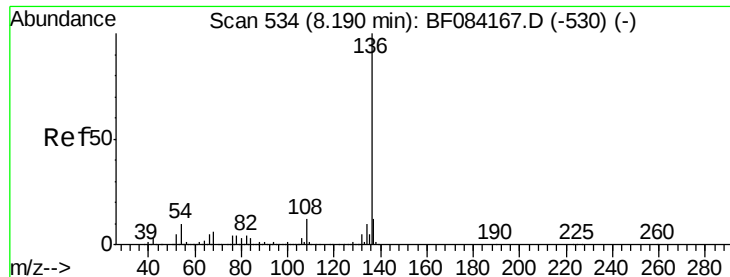


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 1281180

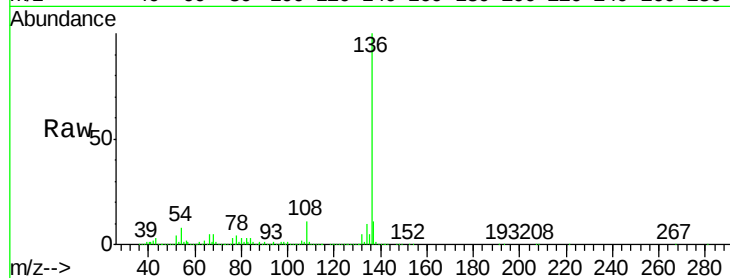
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 8.0 7.6 11.4

68 5.0 4.6 6.8

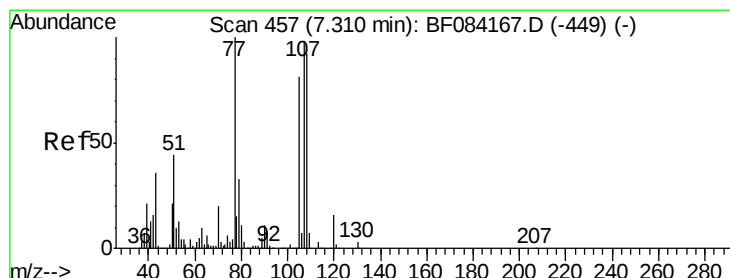
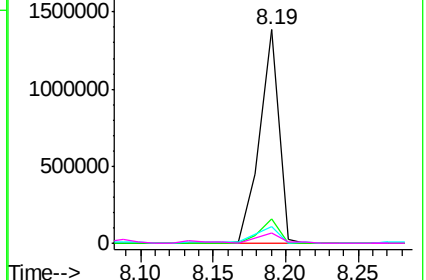
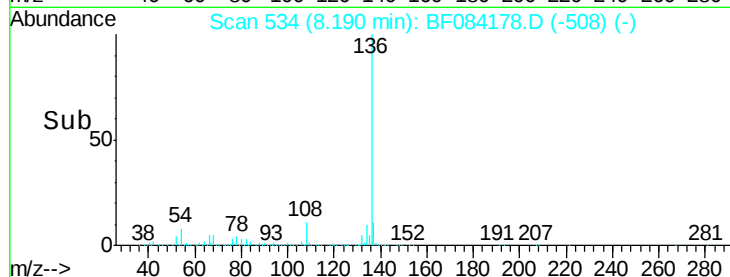


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 9.62 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

Tgt Ion:105 Resp: 300625

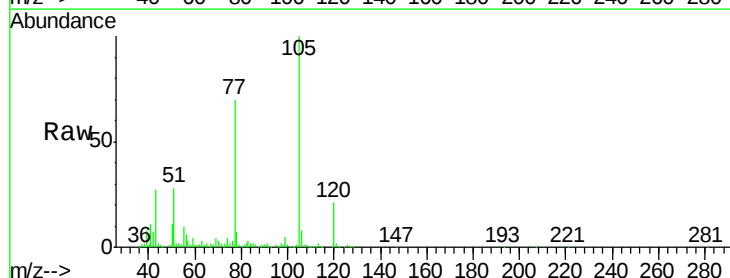
Ion Ratio Lower Upper

105 100

71 2.5 3.2 4.8#

51 27.5 43.2 64.8#

120 21.5 16.0 24.0

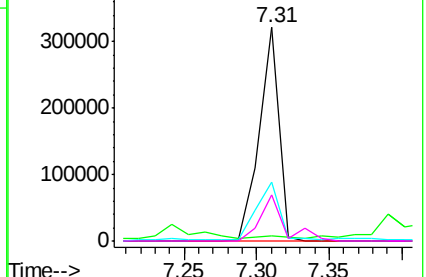
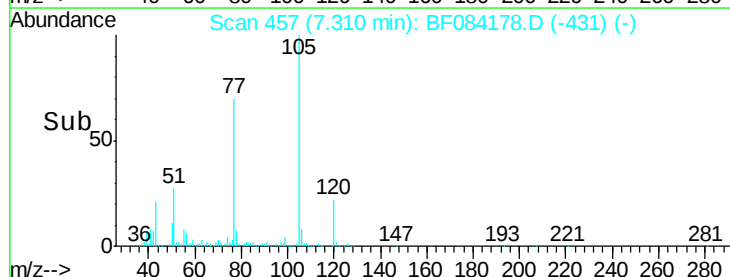


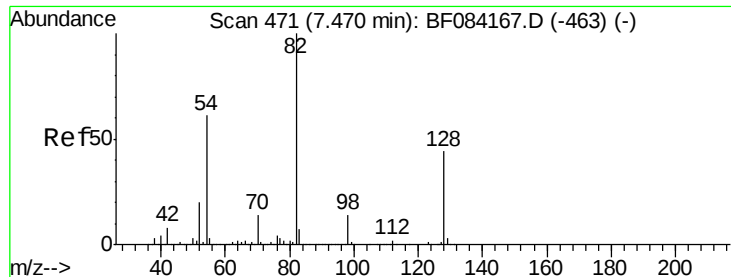
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



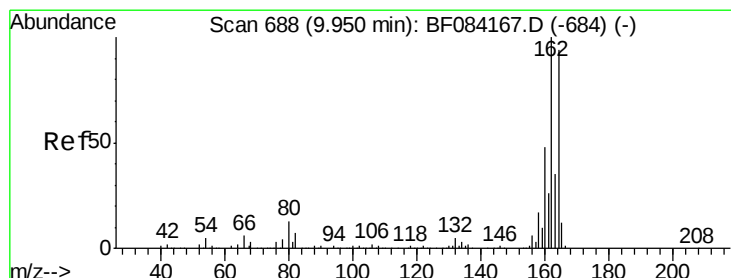
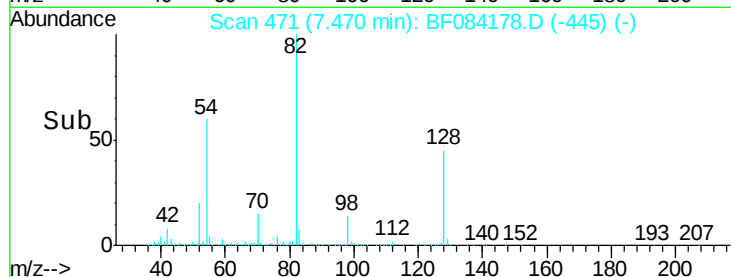
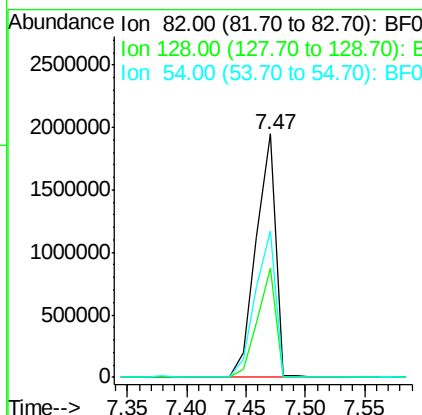
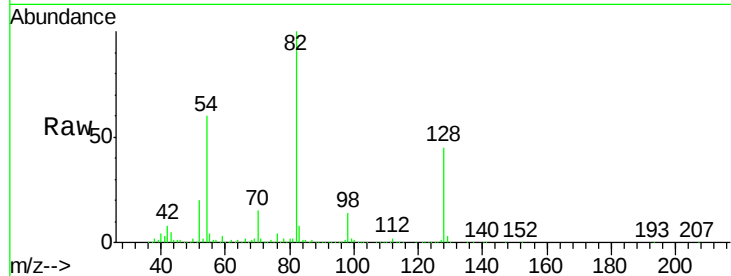


#23
 Nitrobenzene-d5
 Concen: 104.08 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084178.D
 Acq: 31 Dec 2015 6:33

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tot Ion: 82 Resp: 2256753

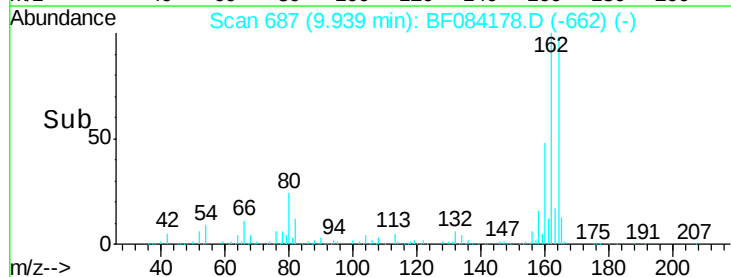
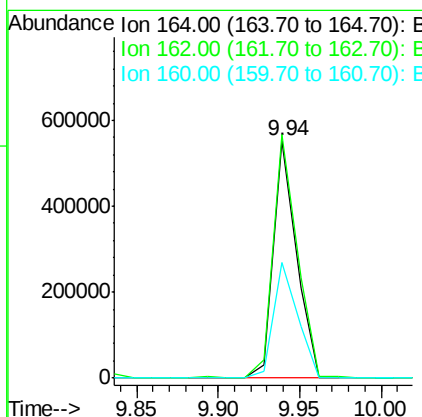
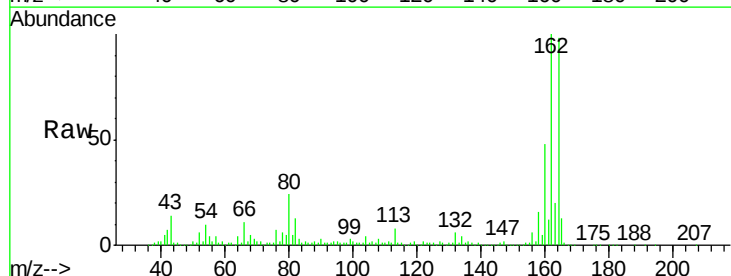
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.4
54	60.1	48.5	72.7

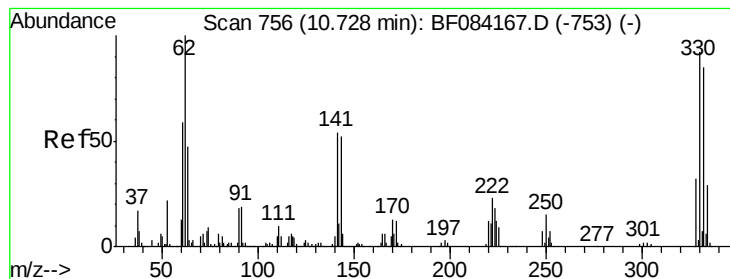


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084178.D
 Acq: 31 Dec 2015 6:33

Tgt Ion: 164 Resp: 547147

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.8	127.2
160	48.8	40.4	60.6

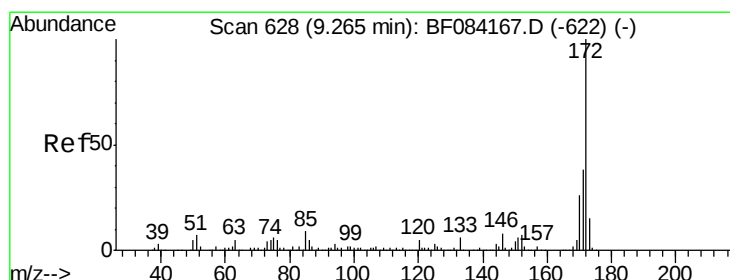
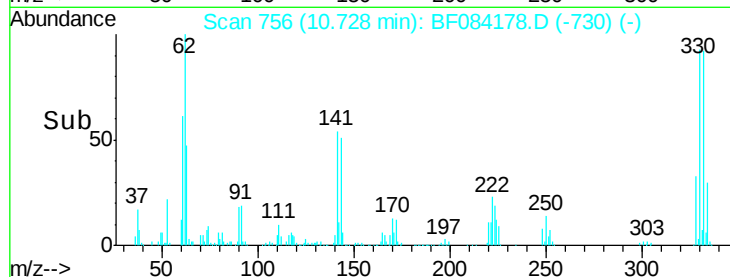
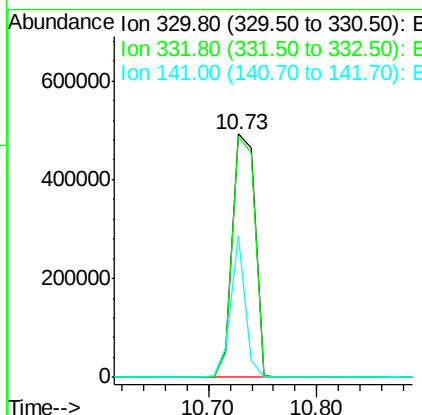
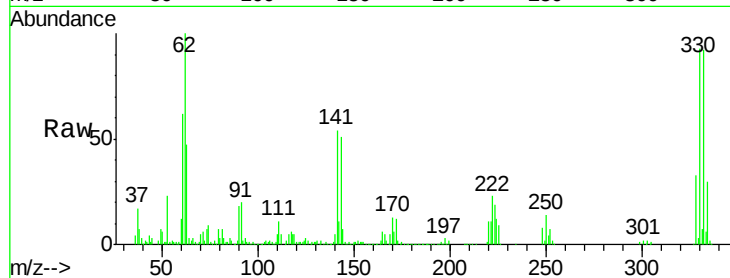




#41
 2,4,6-Tribromophenol
 Concen: 128.17 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF084178.D
 Acq: 31 Dec 2015 6:33

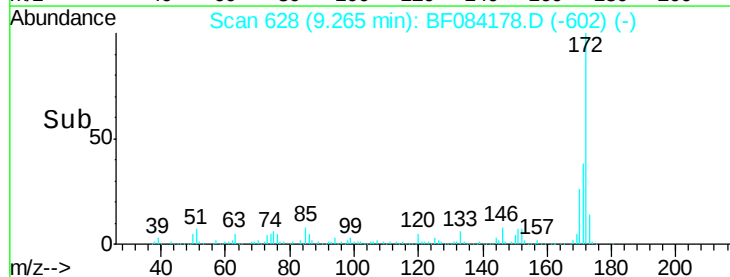
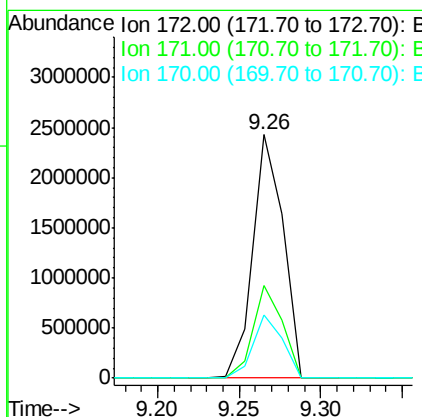
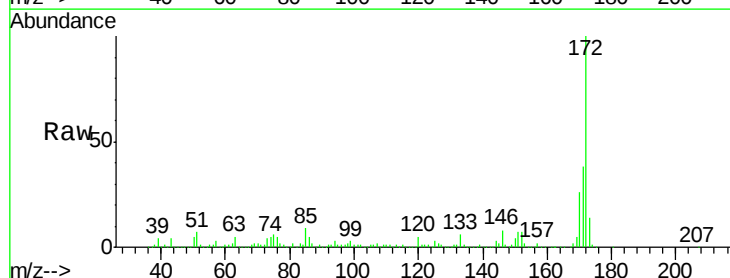
Instrument :
 BNA_F
 ClientSampleId :
 W-37

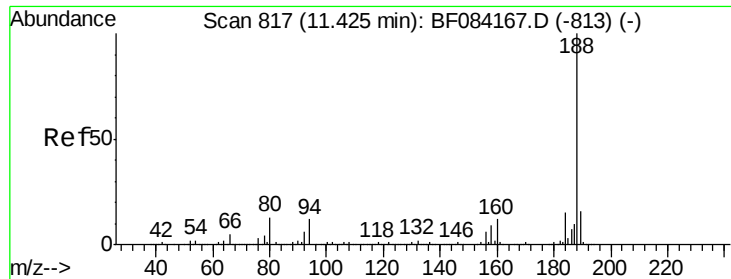
Tot Ion:330 Resp: 699940
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.2
 141 37.3 31.3 46.9



#44
 2-Fluorobiphenyl
 Concen: 103.87 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084178.D
 Acq: 31 Dec 2015 6:33

Tgt Ion:172 Resp: 3134535
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.6 46.0
 170 26.1 20.6 30.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

Instrument :

BNA_F

ClientSampleId :

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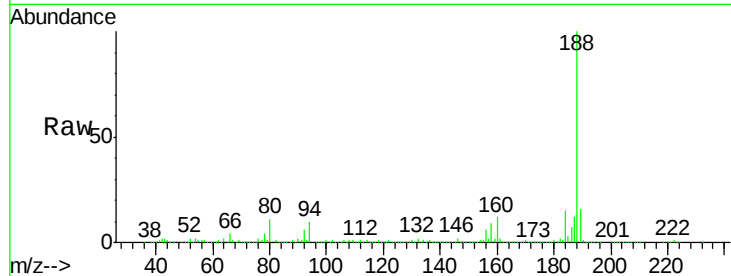
Tot Ion:188 Resp: 1035568

Ion Ratio Lower Upper

188 100

94 10.3 9.2 13.8

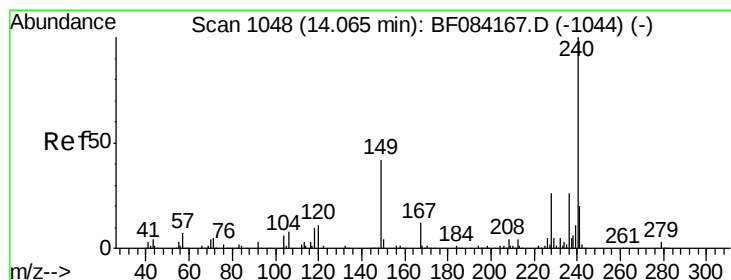
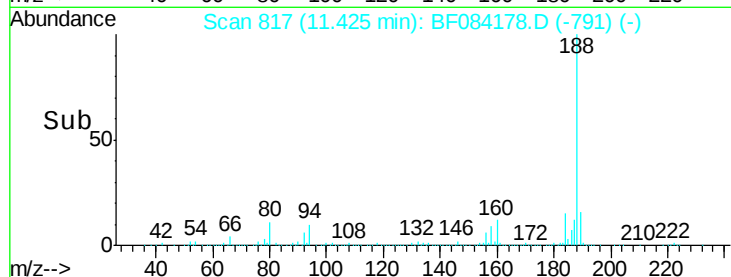
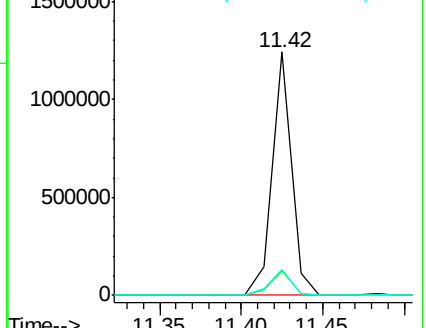
80 10.8 10.1 15.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

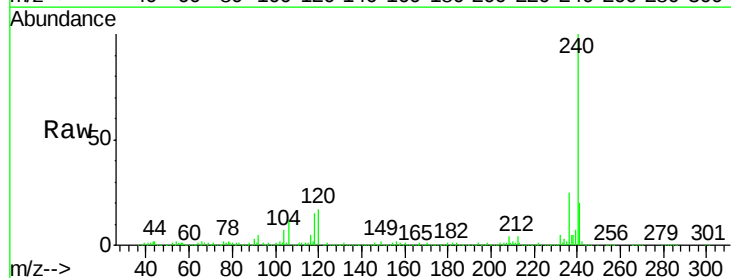
Tgt Ion:240 Resp: 777898

Ion Ratio Lower Upper

240 100

120 17.0 8.8 13.2#

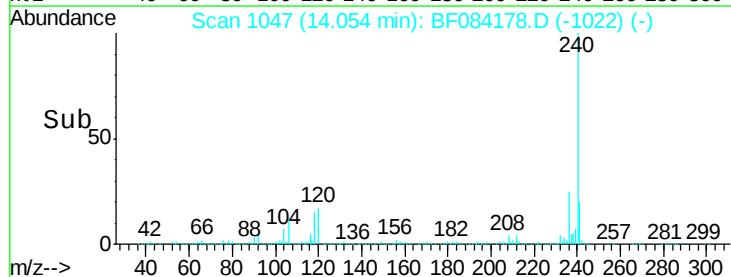
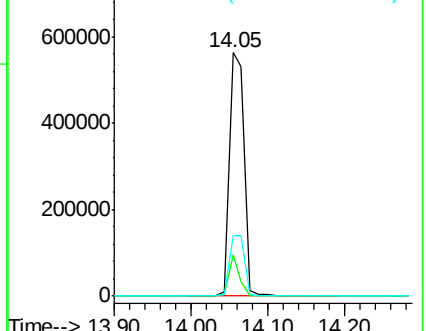
236 24.8 20.8 31.2

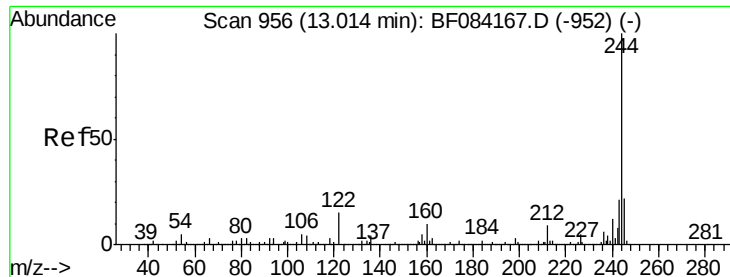


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.53 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

Instrument :

BNA_F

ClientSampleId :

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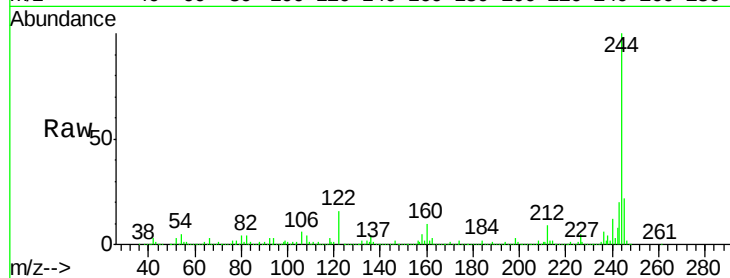
Tot Ion:244 Resp: 2791767

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

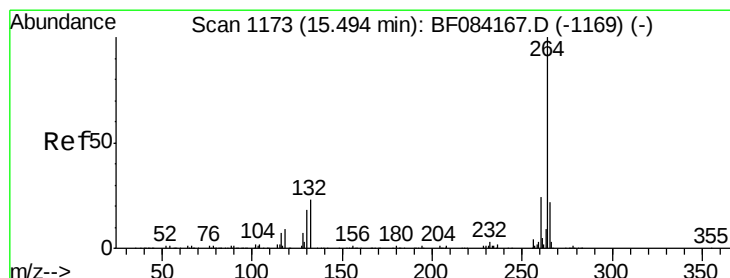
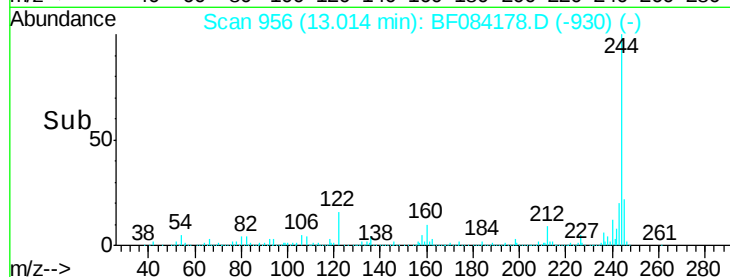
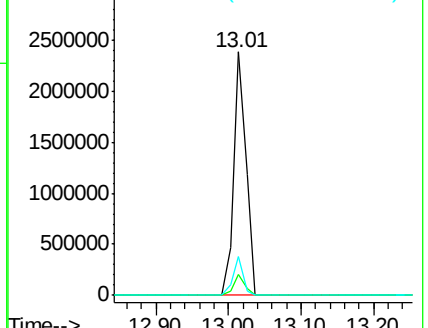
122 15.7 11.9 17.9



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: 15.49 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF084178.D

Acq: 31 Dec 2015 6:33

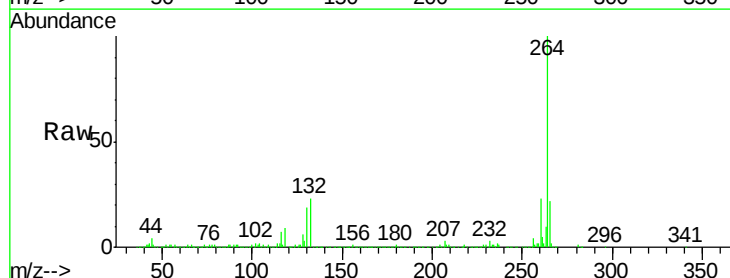
Tgt Ion:264 Resp: 515501

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 18.0 27.0



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

