

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084175.D
 Acq On : 31 Dec 2015 5:11
 Operator : UM/SJ
 Sample : G4979-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Quant Time: Dec 31 12:35:09 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

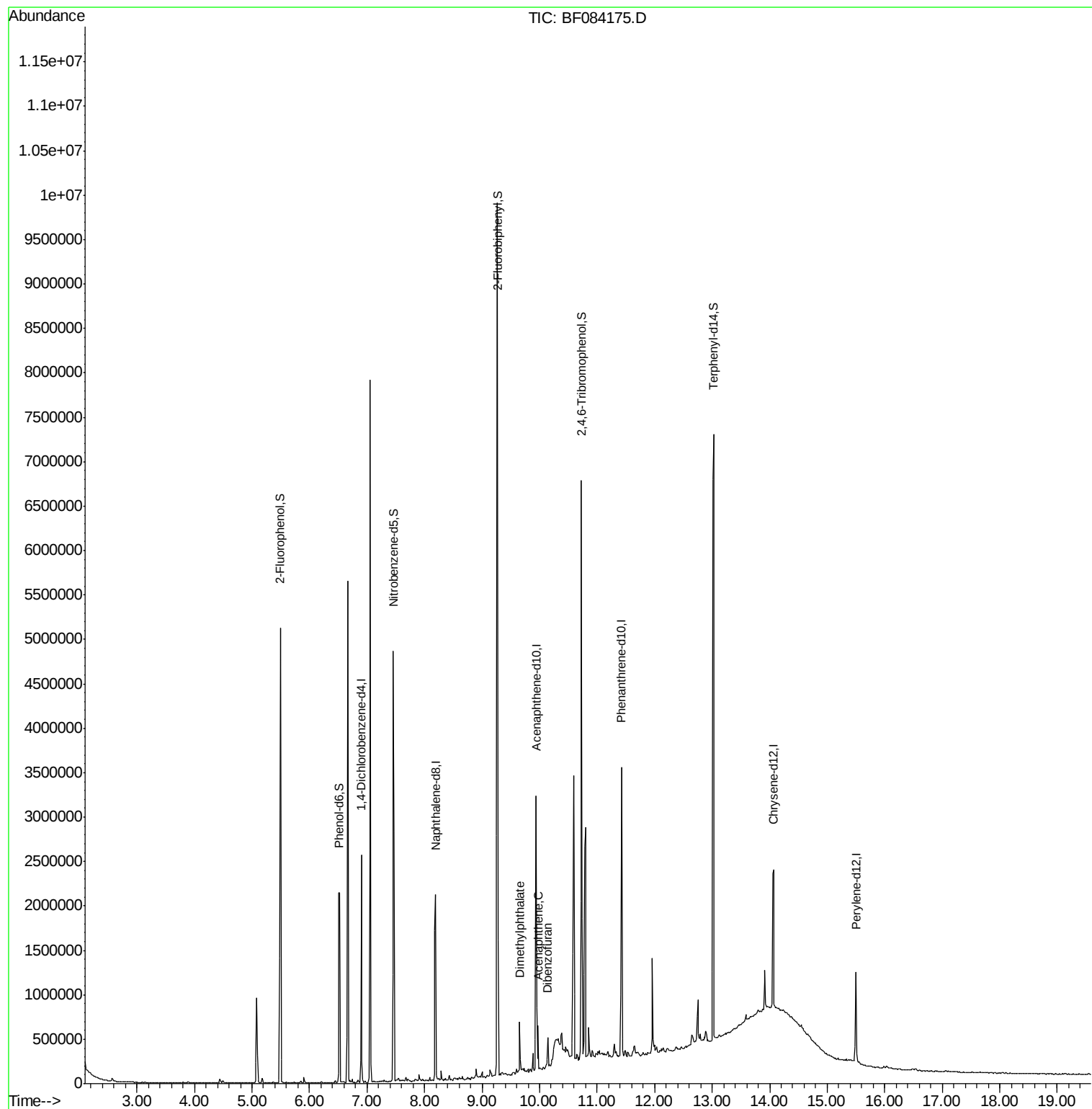
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	320290	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1278376	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	582932	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1083931	20.00	ng	0.00
75) Chrysene-d12	14.07	240	831250	20.00	ng	0.00
86) Perylene-d12	15.51	264	594299	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1223491	61.26	ng	0.00
7) Phenol-d6	6.52	99	1055126	40.81	ng	0.00
23) Nitrobenzene-d5	7.46	82	1974272	91.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	773984	133.02	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2962214	87.51	ng	0.00
78) Terphenyl-d14	13.02	244	3085413	87.42	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	215776	5.15	ng	98
51) Acenaphthene	9.97	154	109965	3.02	ng	96
54) Dibenzofuran	10.14	168	112513	2.60	ng	98

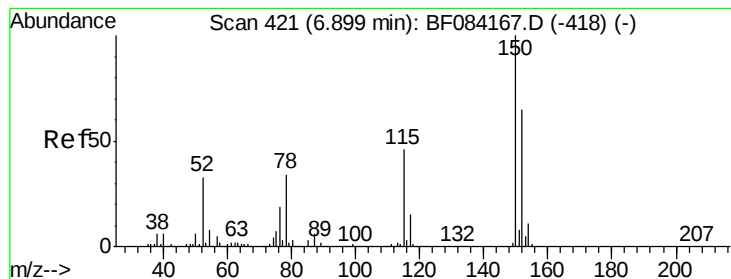
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

Instrument :

BNA_F

ClientSampled :

W-26

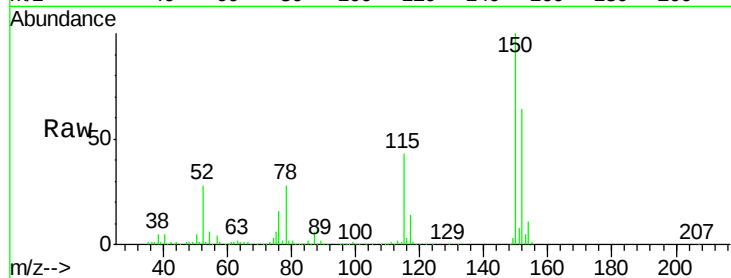
Tot Ion:152 Resp: 320290

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.8

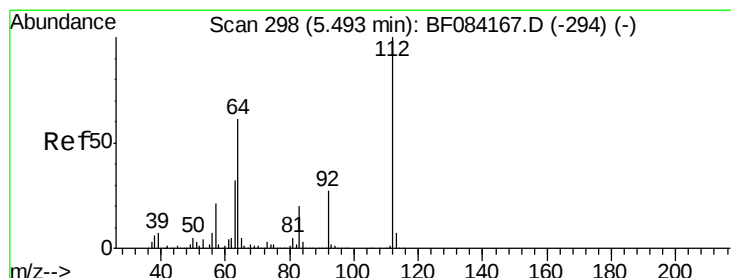
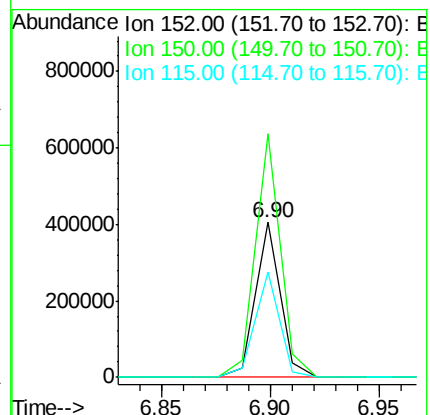
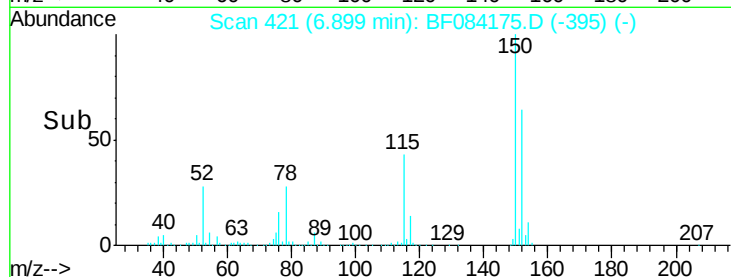
115 68.2 57.1 85.7



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: 61.26 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

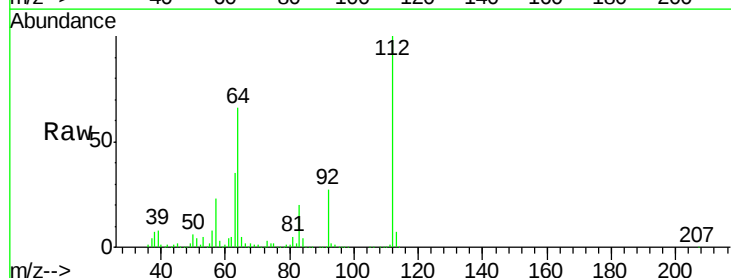
Tgt Ion:112 Resp: 1223491

Ion Ratio Lower Upper

112 100

64 65.8 48.7 73.1

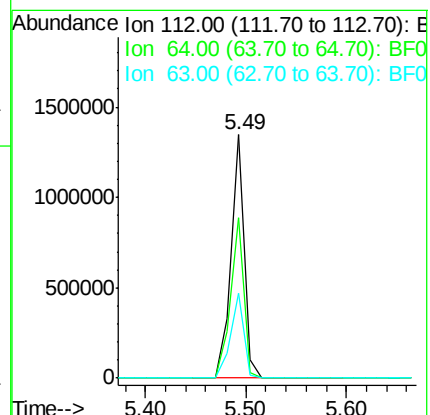
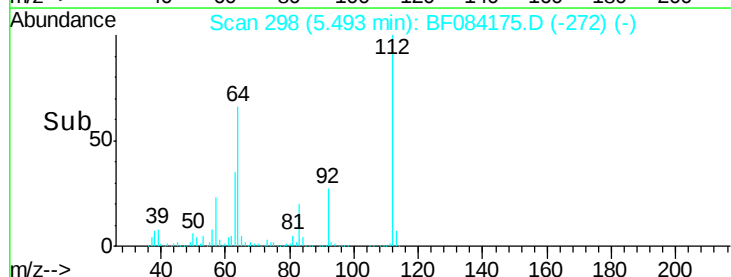
63 35.1 25.9 38.9

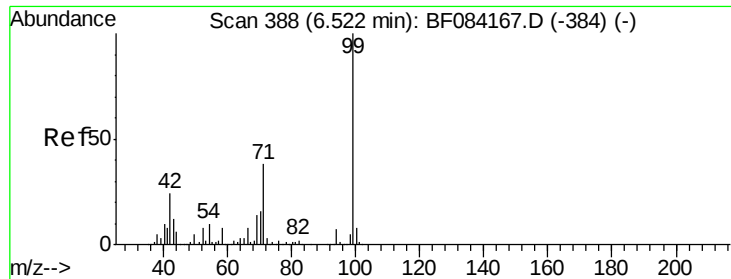


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.81 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

Instrument :

BNA_F

ClientSampleId :

W-26

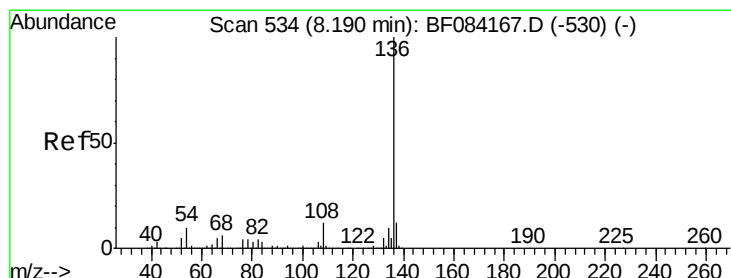
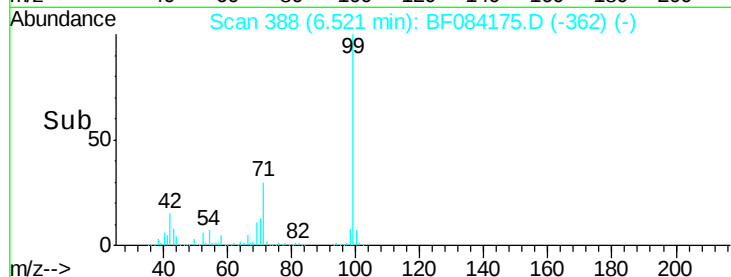
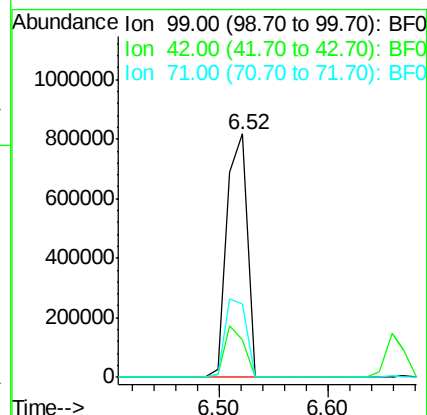
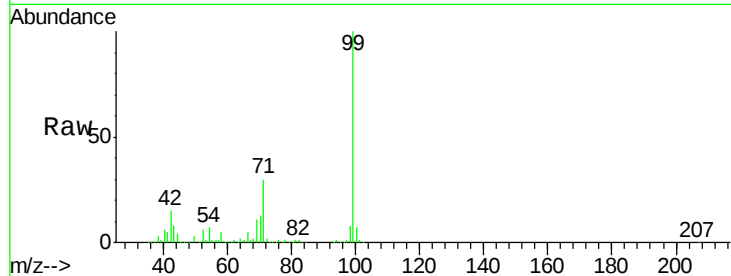
Tot Ion: 99 Resp: 1055126

Ion Ratio Lower Upper

99 100

42 15.3 19.2 28.8#

71 30.2 30.4 45.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

Tgt Ion: 136 Resp: 1278376

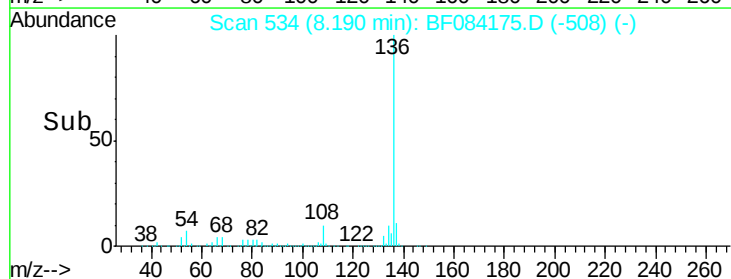
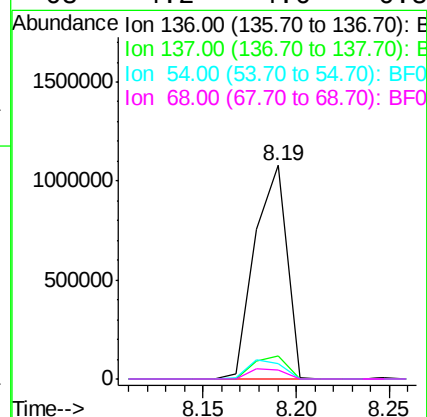
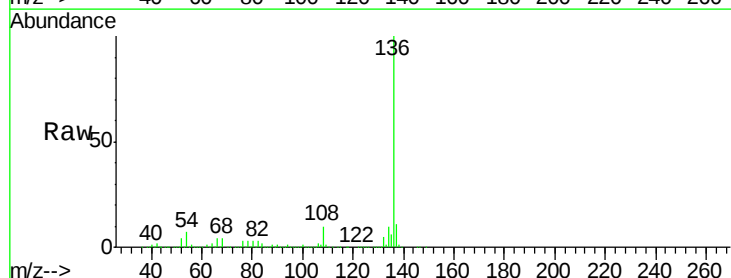
Ion Ratio Lower Upper

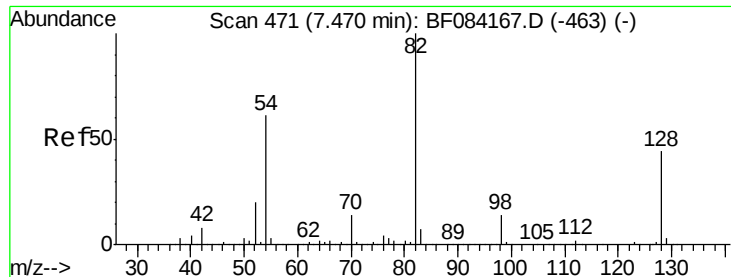
136 100

137 11.0 9.4 14.0

54 6.9 7.6 11.4#

68 4.2 4.6 6.8#

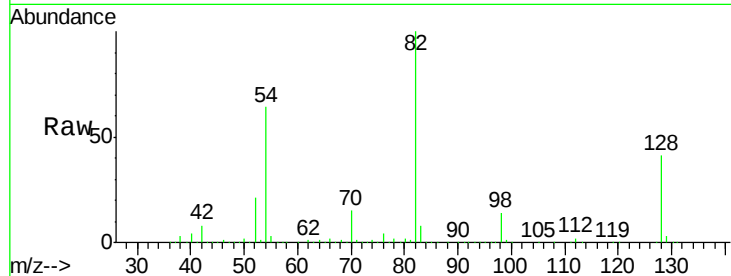




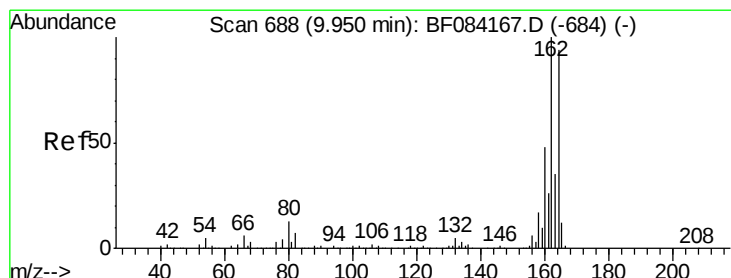
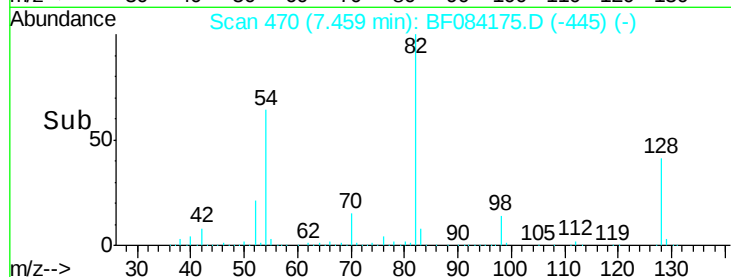
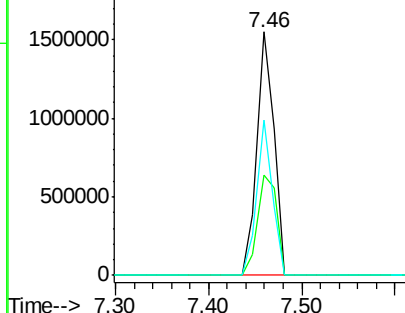
#23
 Nitrobenzene-d5
 Concen: 91.25 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084175.D
 Acq: 31 Dec 2015 5:11

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tot Ion: 82 Resp: 1974272
 Ion Ratio Lower Upper
 82 100
 128 41.1 35.0 52.4
 54 63.8 48.5 72.7

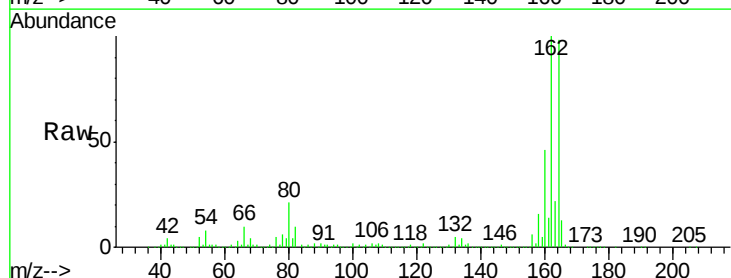


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

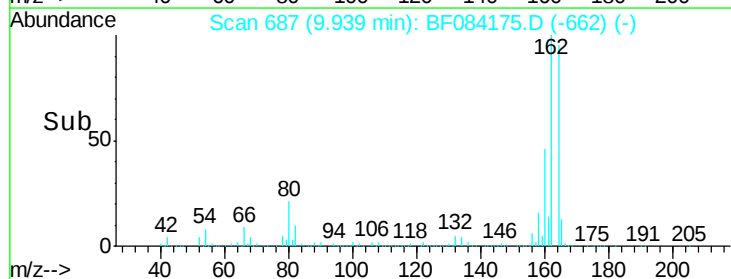
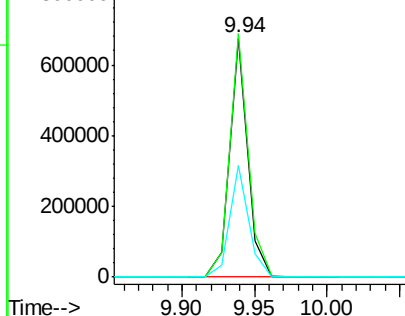


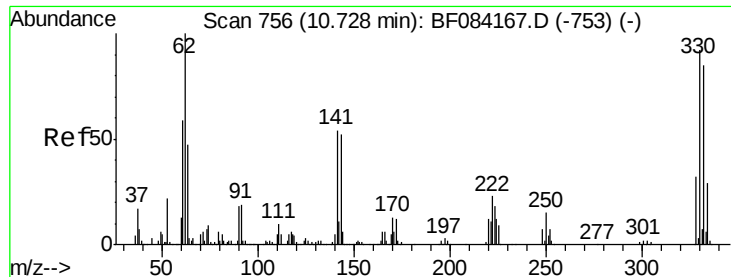
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084175.D
 Acq: 31 Dec 2015 5:11

Tgt Ion:164 Resp: 582932
 Ion Ratio Lower Upper
 164 100
 162 102.1 84.8 127.2
 160 47.0 40.4 60.6



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

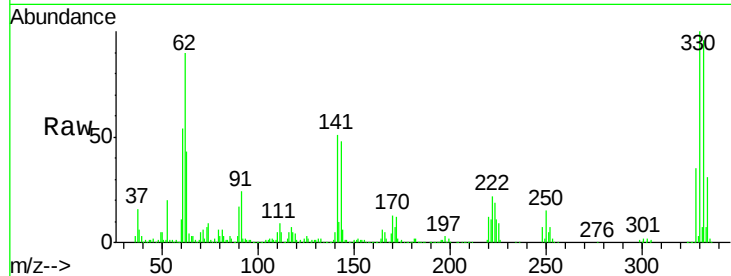




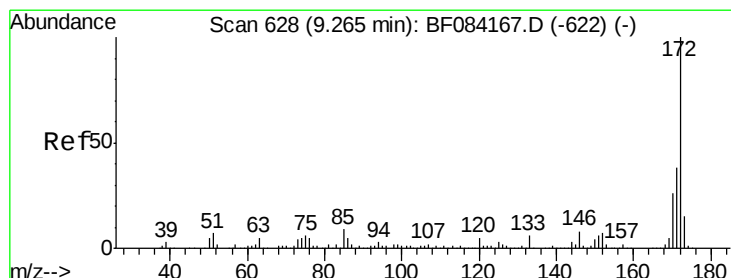
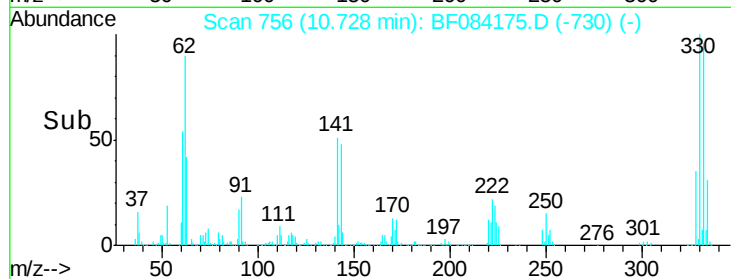
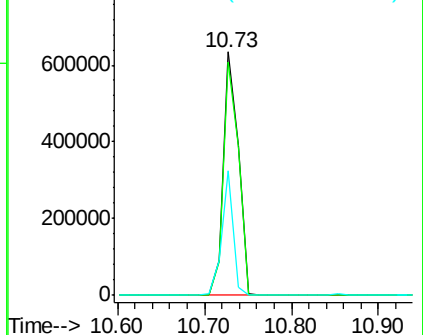
#41
 2,4,6-Tribromophenol
 Concen: 133.02 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF084175.D
 Acq: 31 Dec 2015 5:11

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tot Ion:330 Resp: 773984
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.2
 141 39.1 31.3 46.9

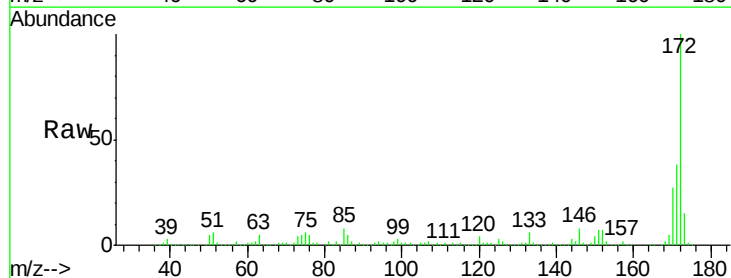


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

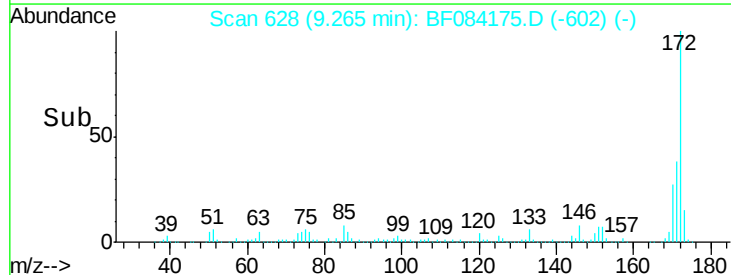
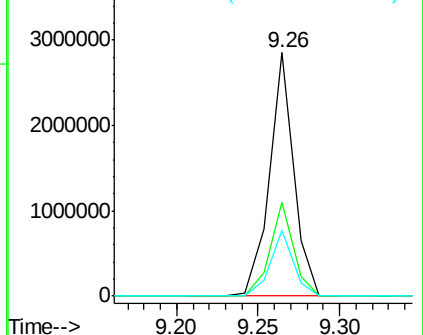


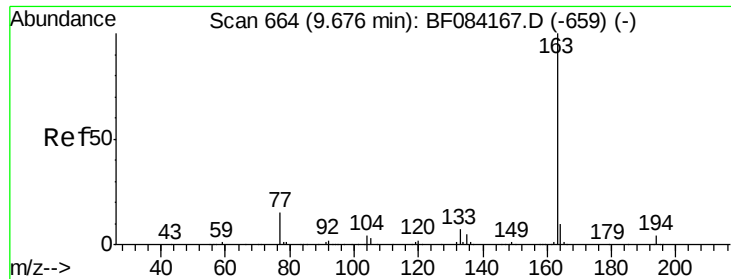
#44
 2-Fluorobiphenyl
 Concen: 87.51 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084175.D
 Acq: 31 Dec 2015 5:11

Tgt Ion:172 Resp: 2962214
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.6 46.0
 170 26.8 20.6 30.8



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

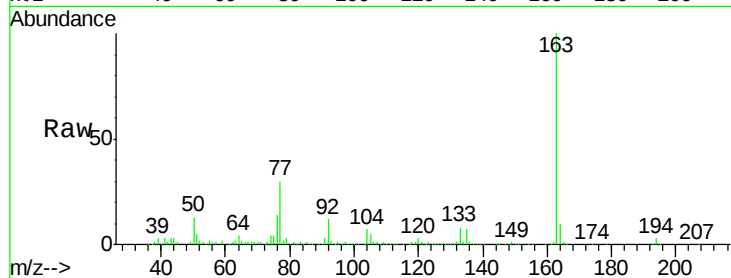




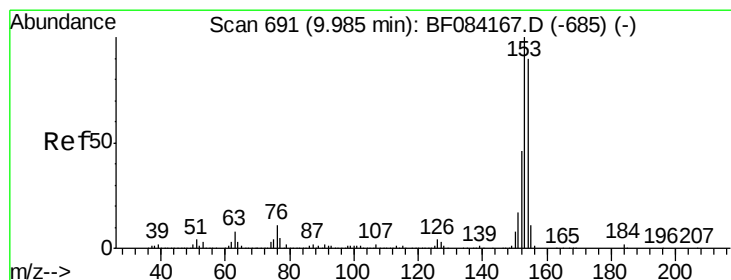
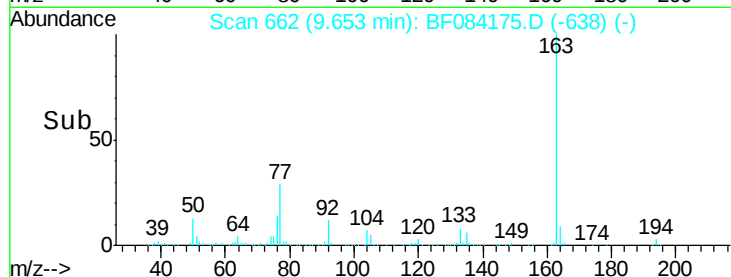
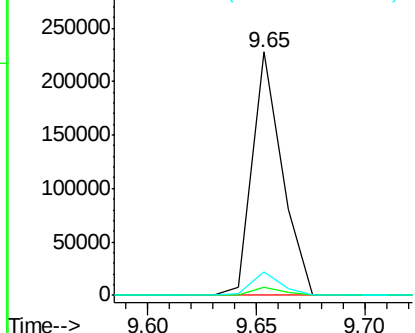
#49
Dimethylphthalate
Concen: 5.15 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_F
ClientSampleId :
W-26

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	9.8	8.2	12.4

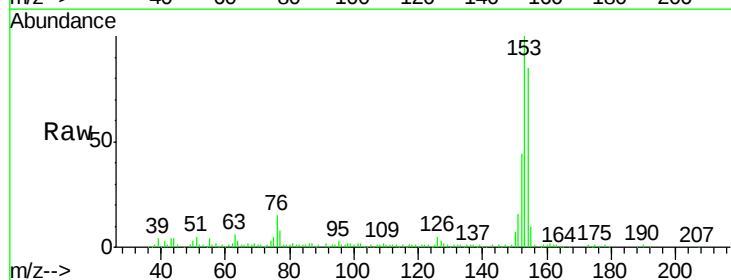


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

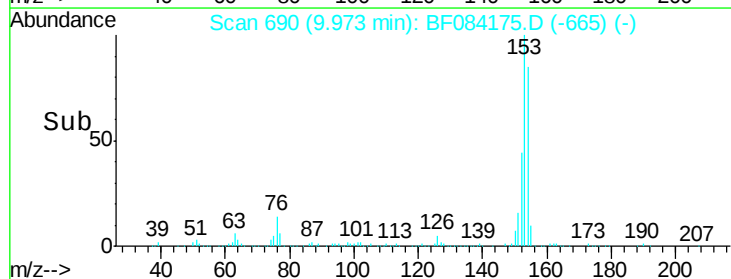
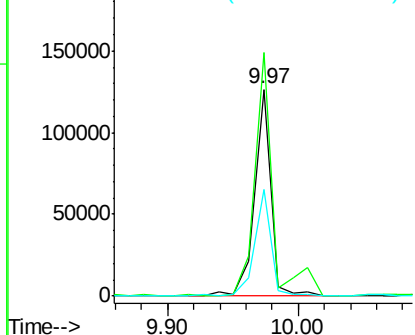


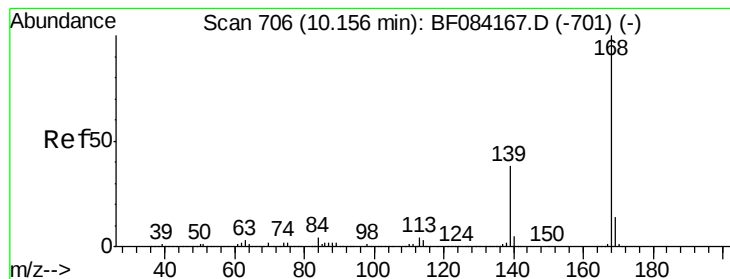
#51
Acenaphthene
Concen: 3.02 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.6	89.2	133.8
152	51.7	41.2	61.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 2.60 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

Instrument :

BNA_F

ClientSampleId :

W-26

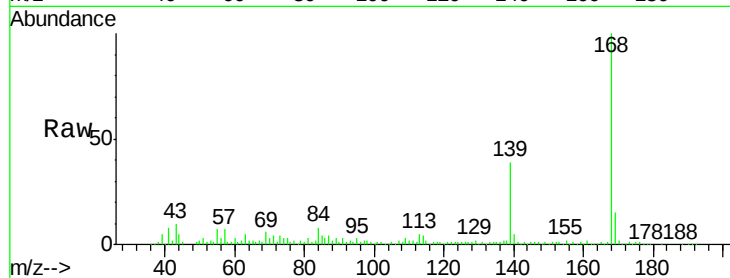
Tot Ion:168 Resp: 112513

Ion Ratio Lower Upper

168 100

139 39.4 30.5 45.7

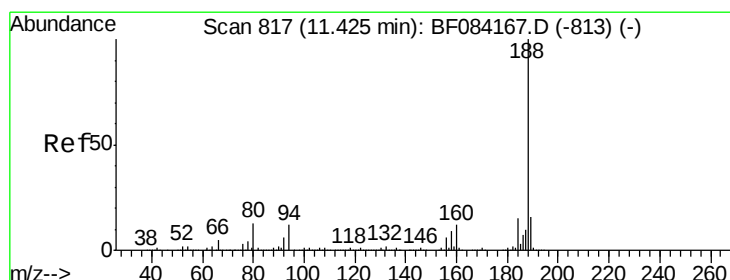
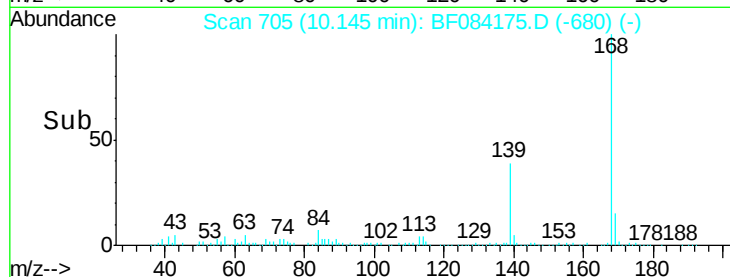
169 14.9 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

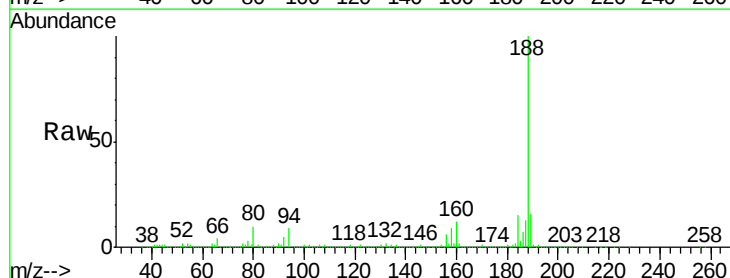
Tgt Ion:188 Resp: 1083931

Ion Ratio Lower Upper

188 100

94 9.5 9.2 13.8

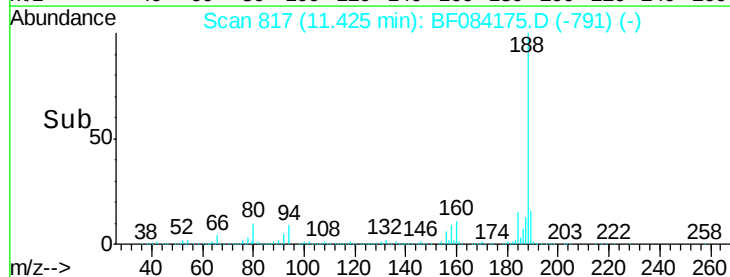
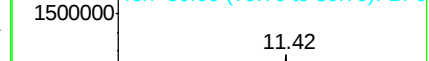
80 9.8 10.1 15.1#

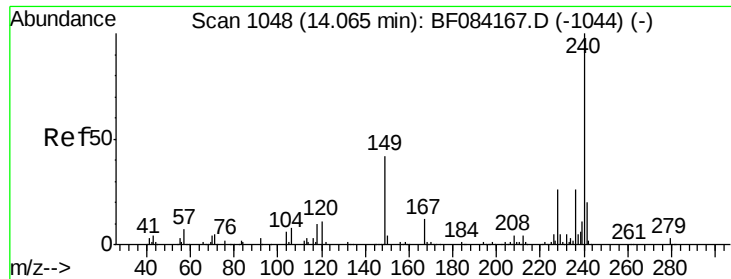


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

Instrument :

BNA_F

ClientSampleId :

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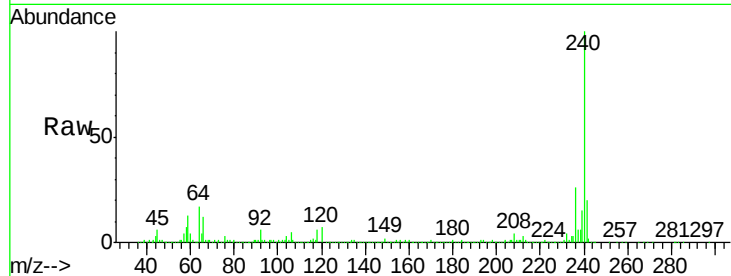
Tot Ion:240 Resp: 831250

Ion Ratio Lower Upper

240 100

120 6.6 8.8 13.2#

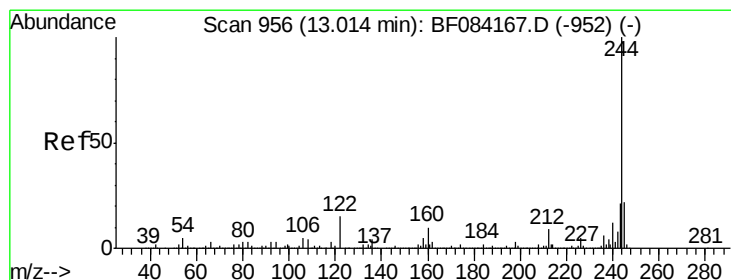
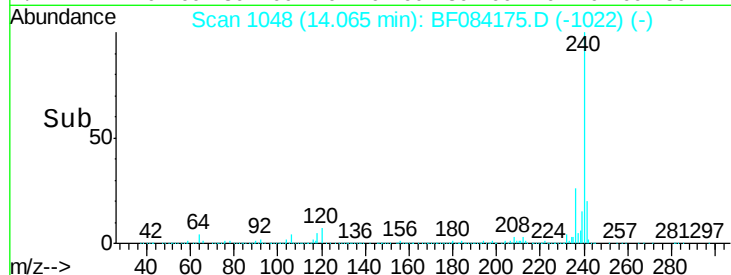
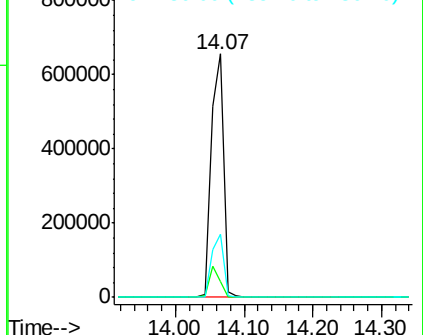
236 26.0 20.8 31.2



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: 87.42 ng

RT: 13.02 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF084175.D

Acq: 31 Dec 2015 5:11

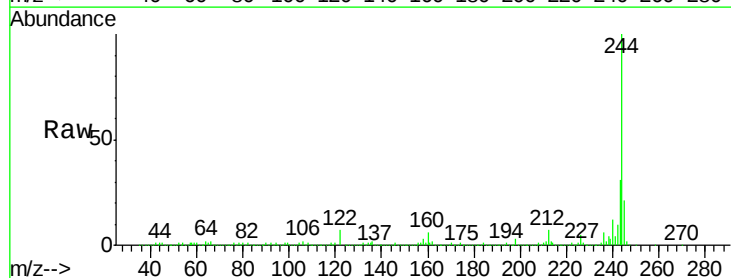
Tgt Ion:244 Resp: 3085413

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

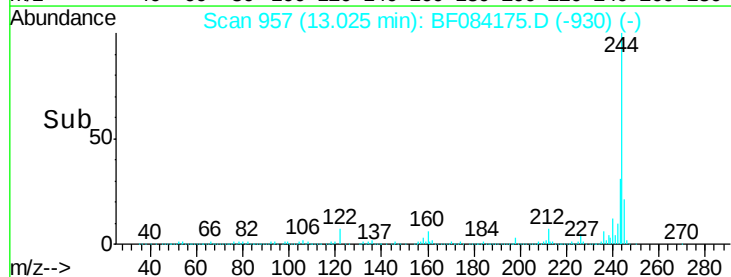
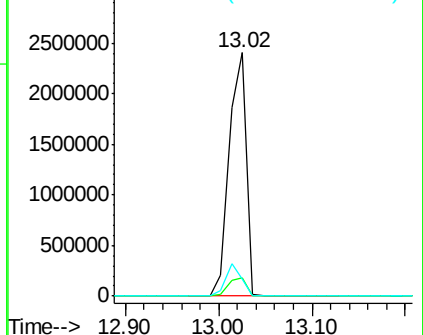
122 6.8 11.9 17.9#

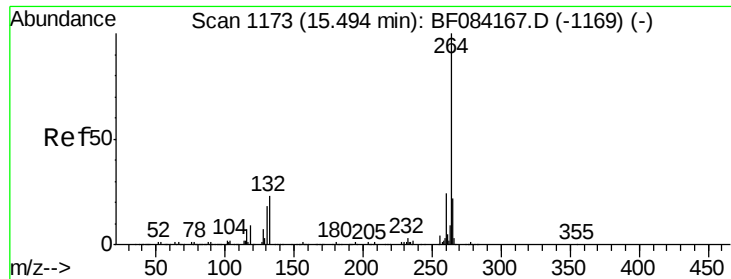


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

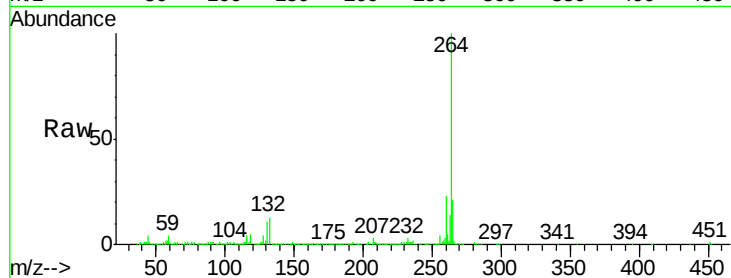




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF084175.D
 Acq: 31 Dec 2015 5:11

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.5	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

