

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083789.D
 Acq On : 15 Dec 2015 00:44
 Operator : UM/IZ
 Sample : G4779-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Quant Time: Dec 15 03:33:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

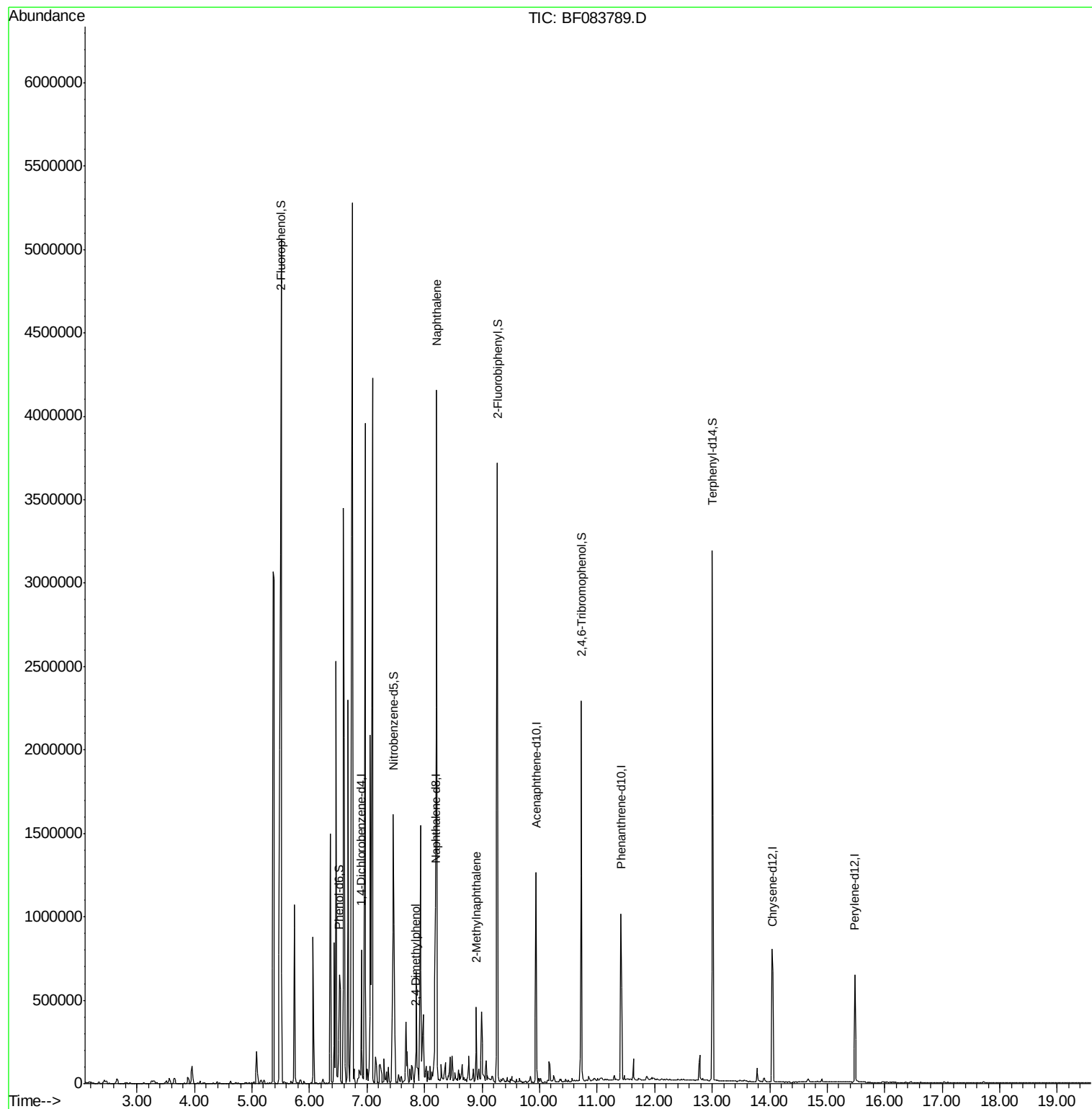
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118073	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	492542	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	249382	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	426913	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	378063	20.00	ng	-0.02
86) Perylene-d12	15.48	264	283757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	264702	36.17	ng	-0.02
7) Phenol-d6	6.52	99	352957	38.08	ng	-0.02
23) Nitrobenzene-d5	7.46	82	564066	64.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	331999	130.65	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1259133	70.26	ng	-0.02
78) Terphenyl-d14	13.00	244	1254154	71.36	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.85	122	24390	2.82	ng	93
31) Naphthalene	8.21	128	2159761	84.12	ng	96
37) 2-Methylnaphthalene	8.90	142	111712	6.93	ng	97

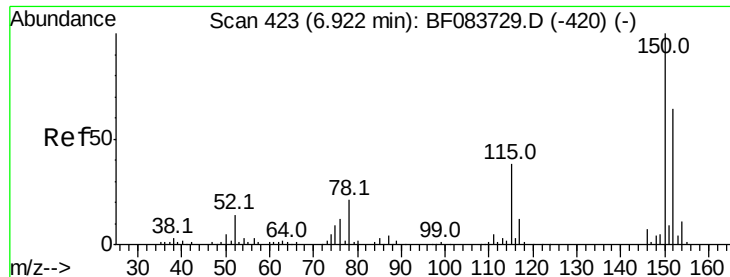
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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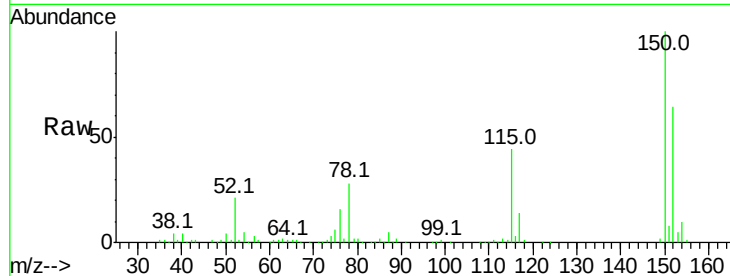


#1

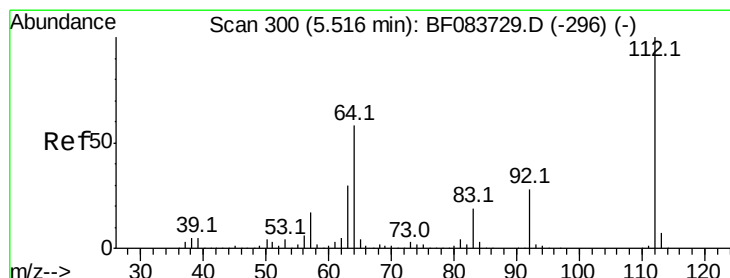
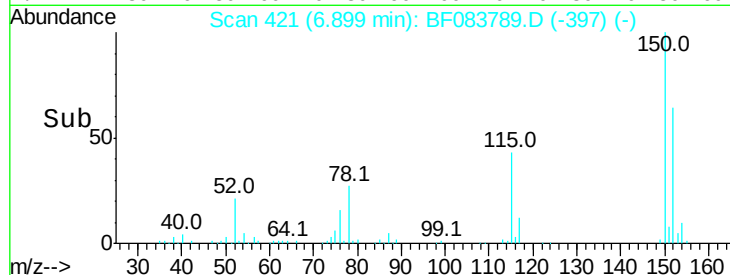
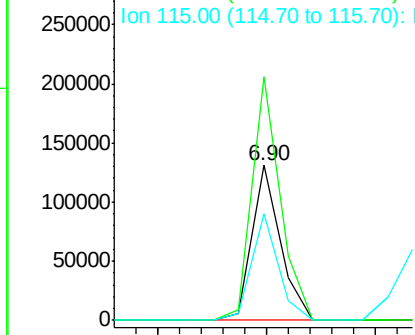
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083789.D
Acq: 15 Dec 2015 00:44

Instrument :
BNA_F
ClientSampleId :
W-50

Tot Ion:152 Resp: 118073
Ion Ratio Lower Upper
152 100
150 157.3 126.5 189.7
115 69.1 52.3 78.5



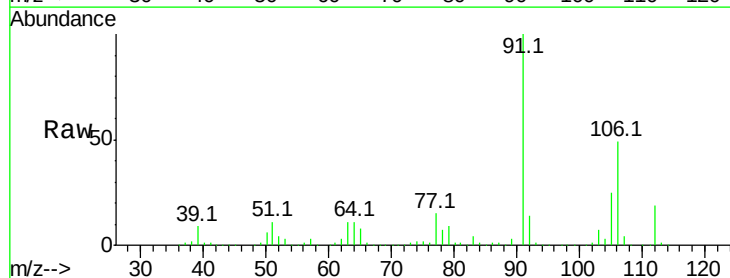
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



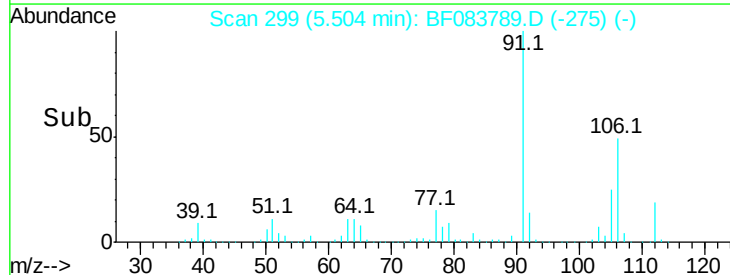
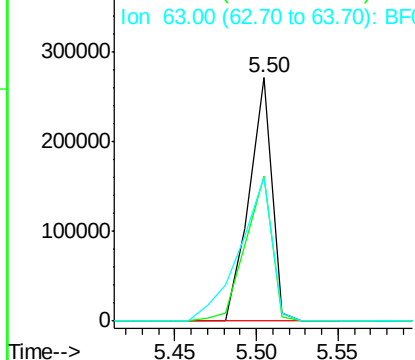
#5

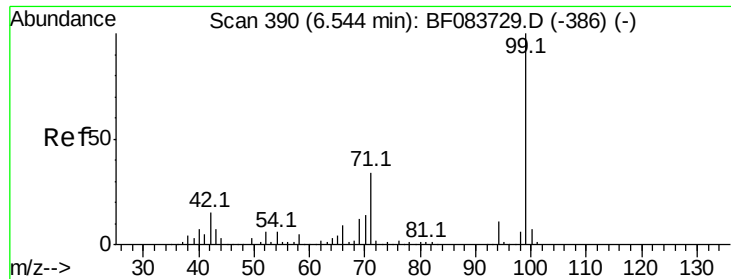
2-Fluorophenol
Concen: 36.17 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083789.D
Acq: 15 Dec 2015 00:44

Tgt Ion:112 Resp: 264702
Ion Ratio Lower Upper
112 100
64 59.6 50.5 75.7
63 58.9 25.8 38.6#



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: 38.08 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

Instrument :

BNA_F

ClientSampleId :

W-50

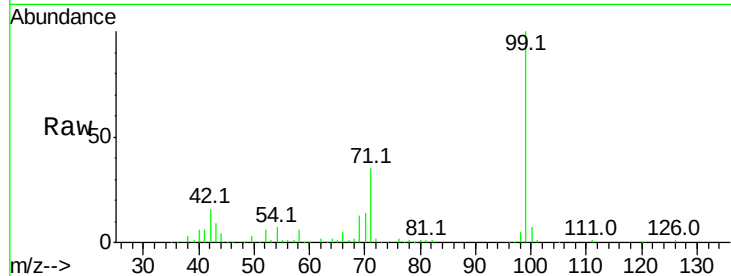
Tot Ion: 99 Resp: 352957

Ion Ratio Lower Upper

99 100

42 16.0 17.3 25.9#

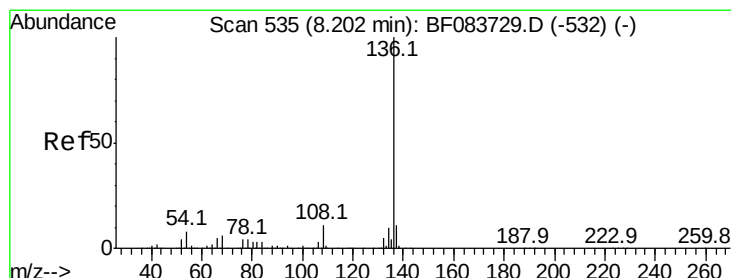
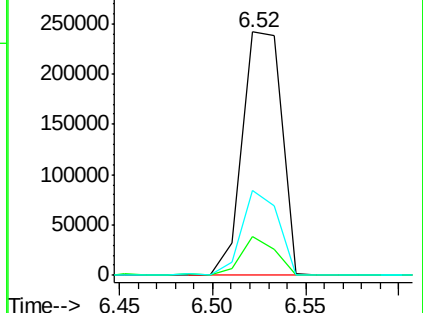
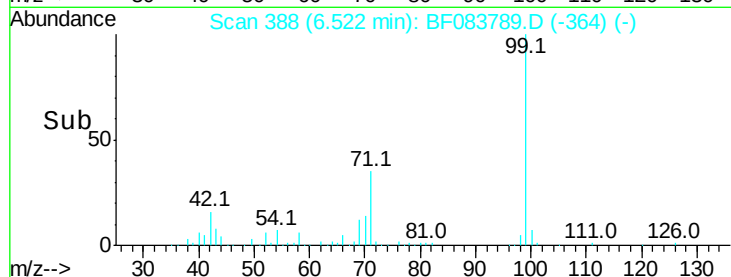
71 35.0 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

Tgt Ion: 136 Resp: 492542

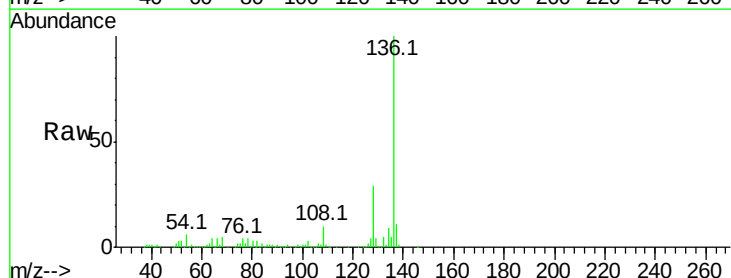
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.8 7.8 11.6#

68 4.6 5.7 8.5#

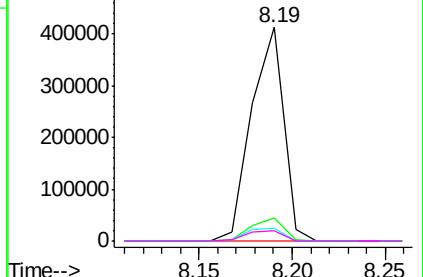
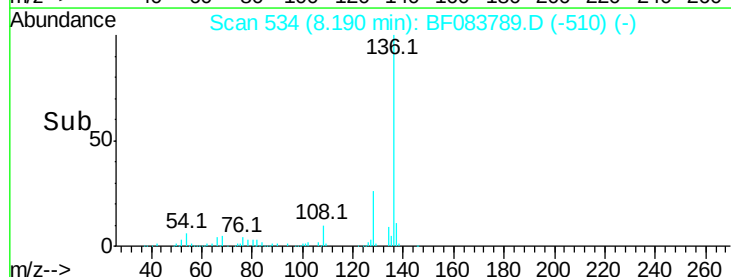


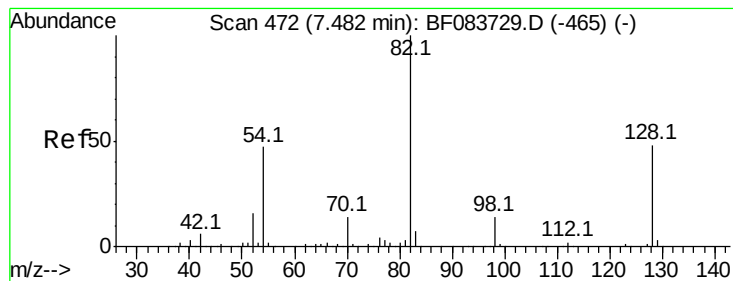
Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.07 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

Instrument :

BNA_F

ClientSampleId :

W-50

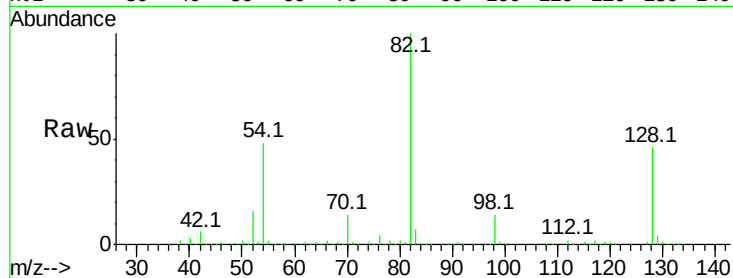
Tot Ion: 82 Resp: 564066

Ion Ratio Lower Upper

82 100

128 46.3 30.7 46.1#

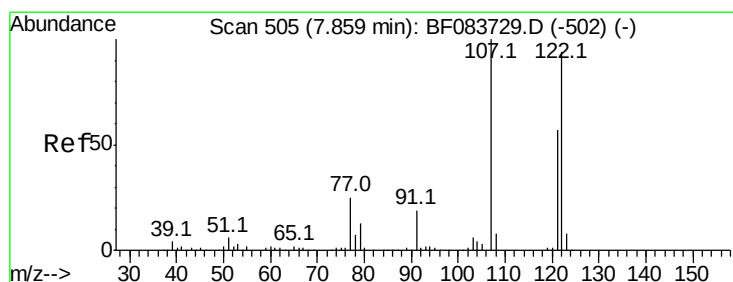
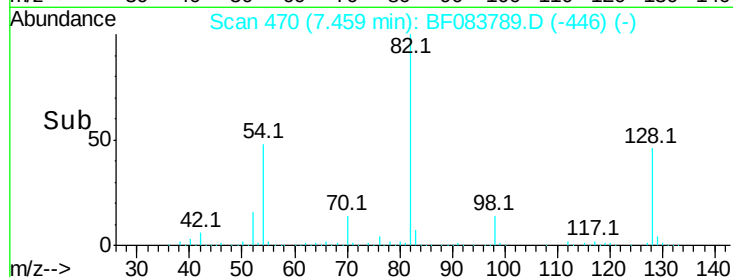
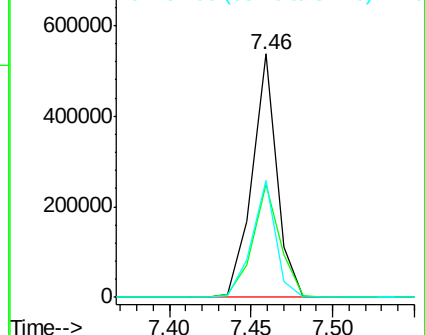
54 47.8 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#27

2,4-Dimethylphenol

Concen: 2.82 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

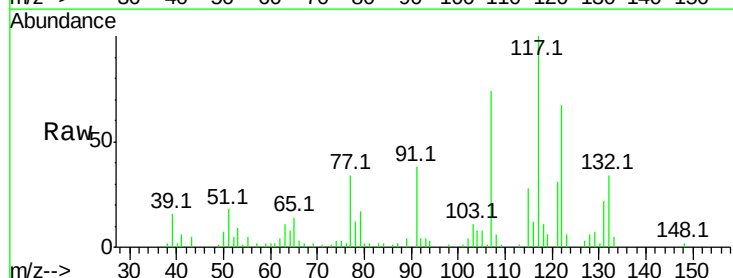
Tgt Ion:122 Resp: 24390

Ion Ratio Lower Upper

122 100

107 111.1 92.4 138.6

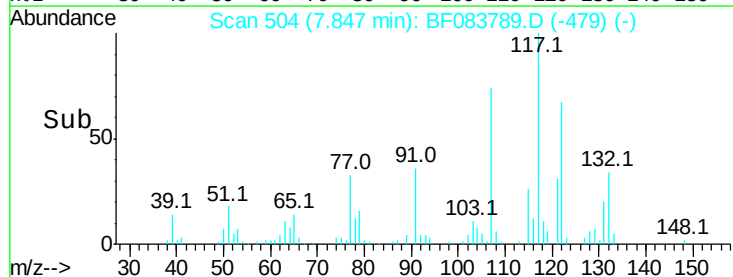
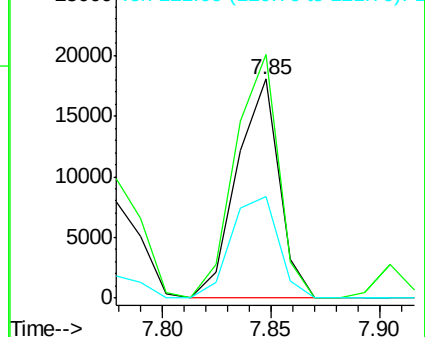
121 46.5 45.8 68.6

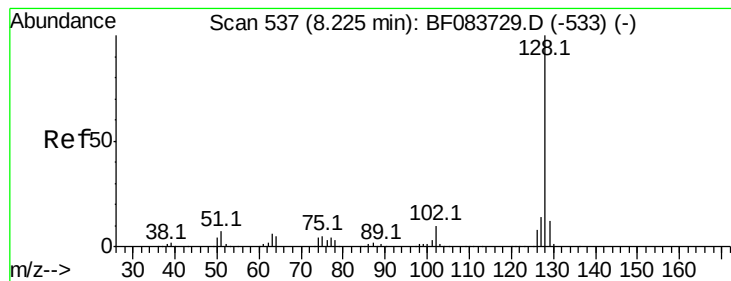


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 84.12 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

Instrument :

BNA_F

ClientSampleId :

W-50

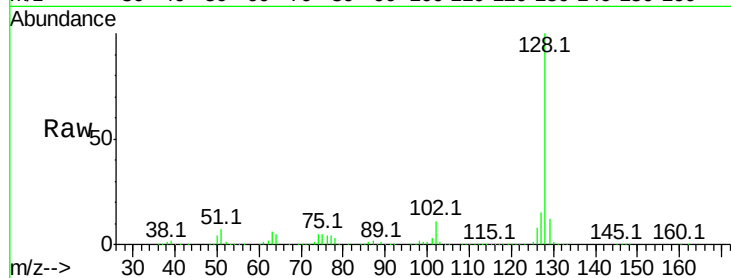
Tot Ion:128 Resp: 2159761

Ion Ratio Lower Upper

128 100

129 12.3 8.6 13.0

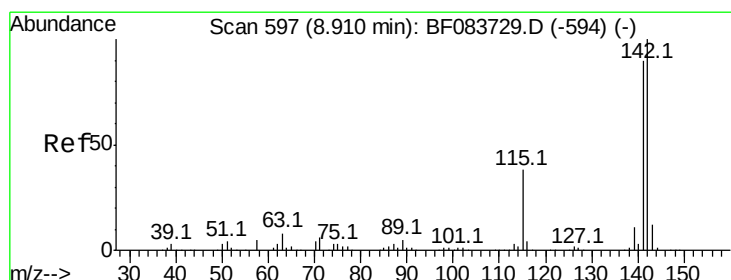
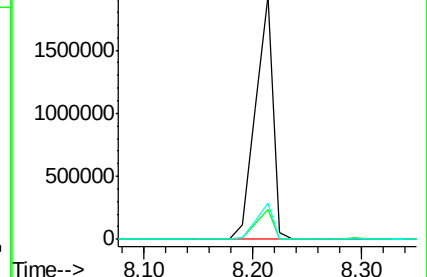
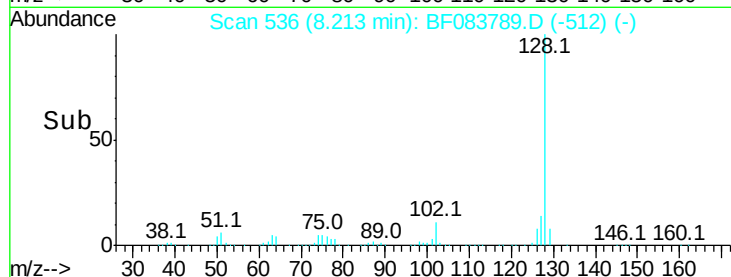
127 15.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 6.93 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

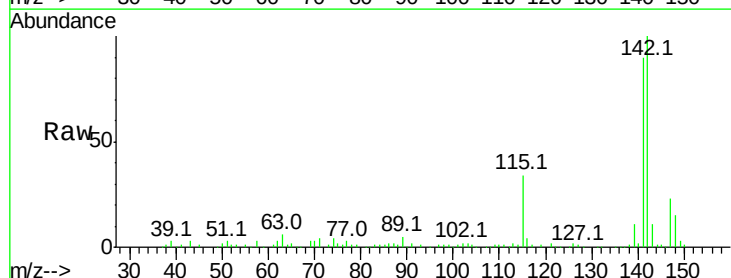
Tgt Ion:142 Resp: 111712

Ion Ratio Lower Upper

142 100

141 90.4 70.3 105.5

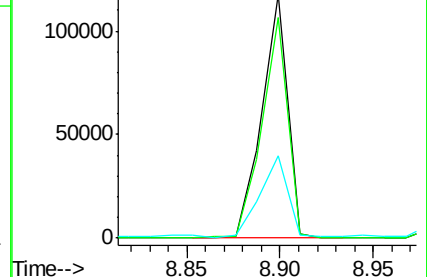
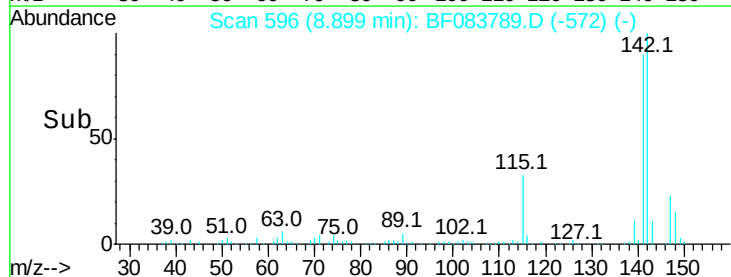
115 34.0 29.2 43.8

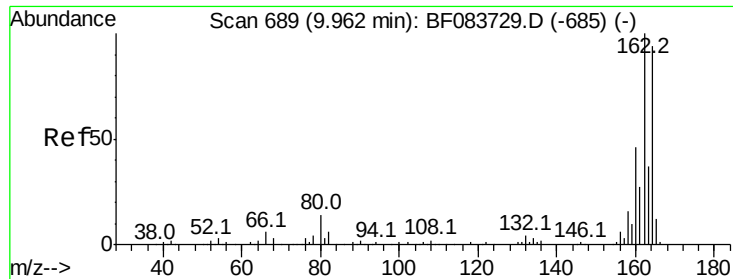


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

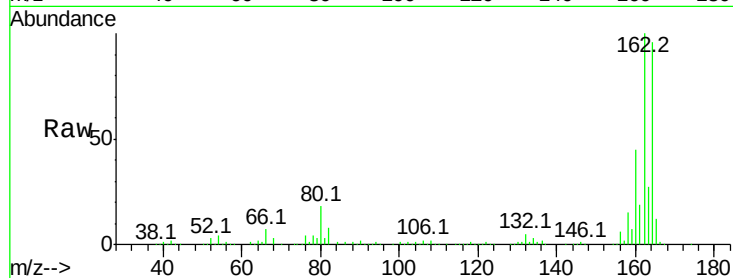




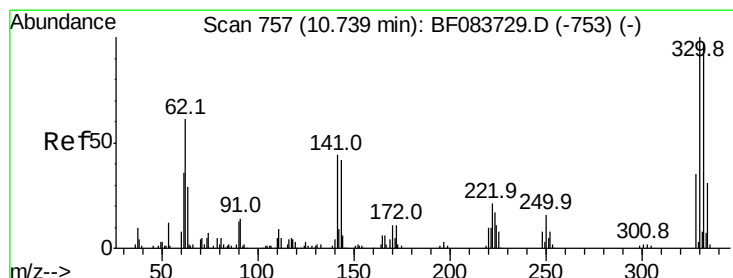
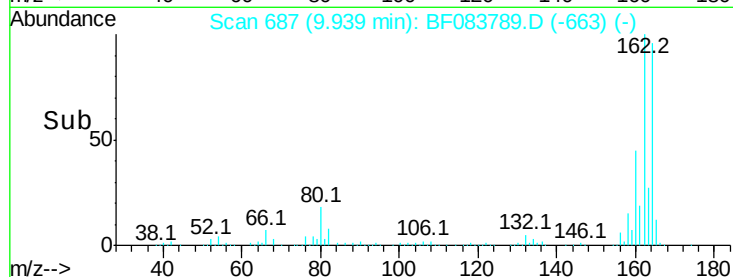
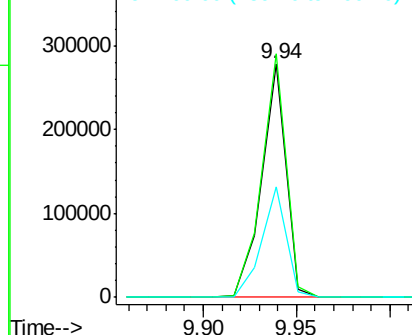
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083789.D
 Acq: 15 Dec 2015 00:44

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Tot Ion:164 Resp: 249382
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 47.2 33.4 50.2

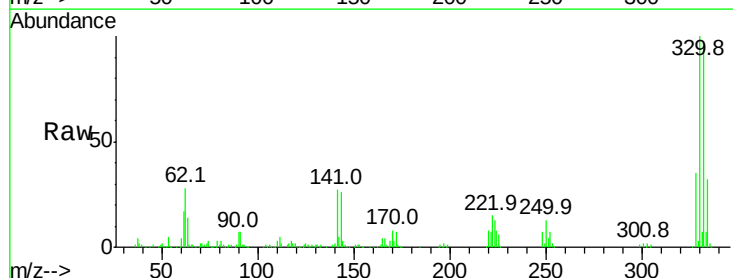


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

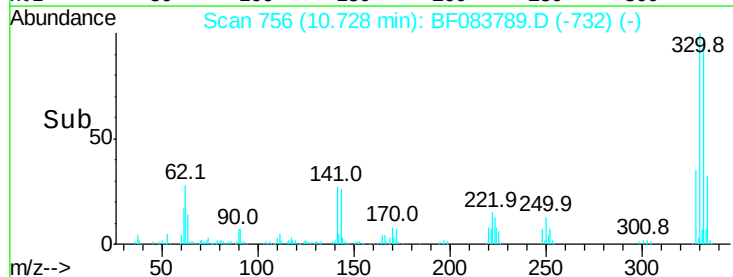
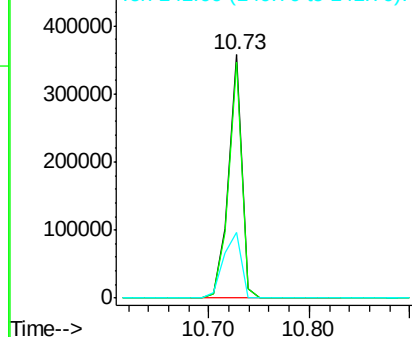


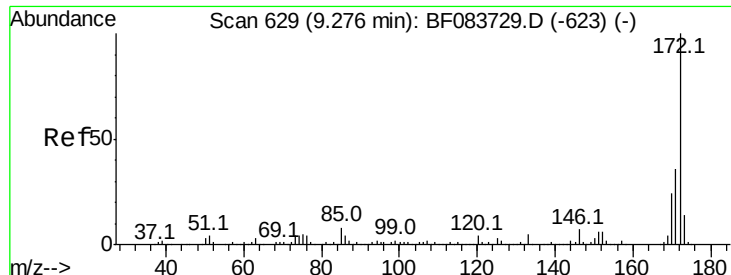
#41
 2,4,6-Tribromophenol
 Concen: 130.65 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083789.D
 Acq: 15 Dec 2015 00:44

Tgt Ion:330 Resp: 331999
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 36.0 0.0 0.0#



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



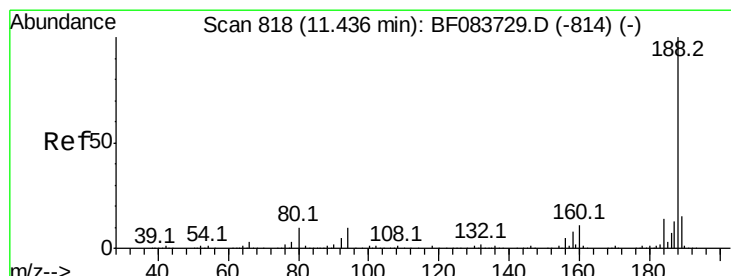
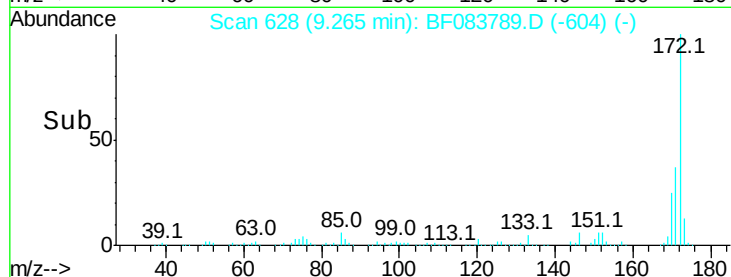
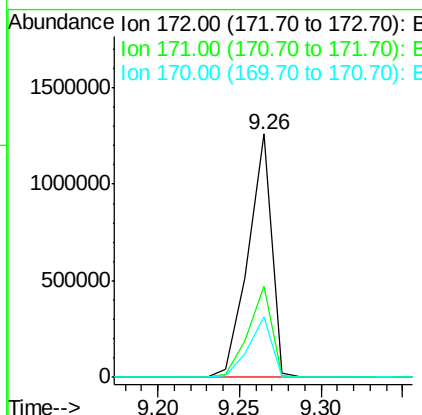
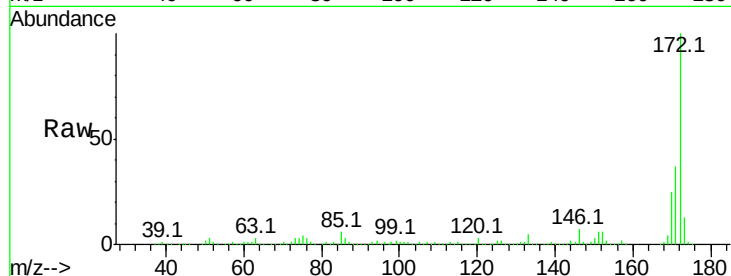


#44
 2-Fluorobiphenyl
 Concen: 70.26 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083789.D
 Acq: 15 Dec 2015 00:44

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Tot Ion:172 Resp: 1259133

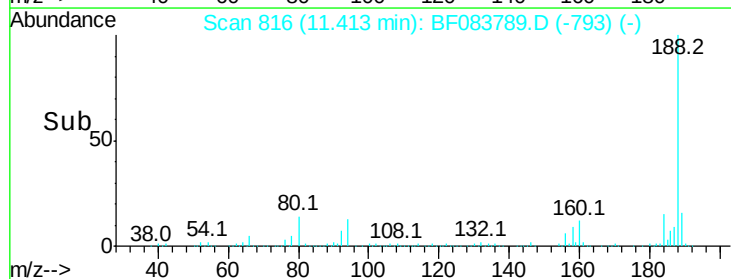
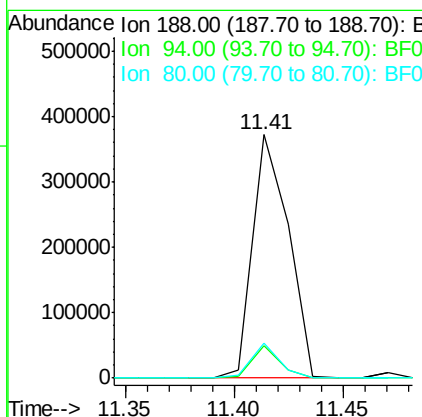
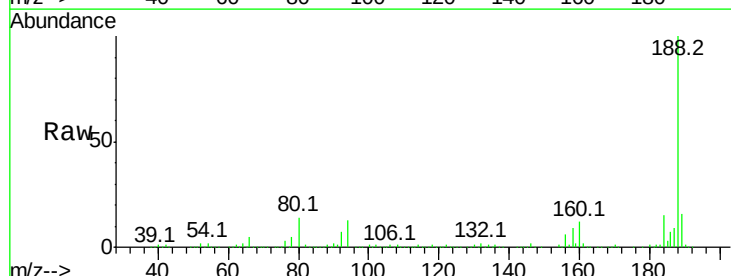
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	24.9	19.4	29.0

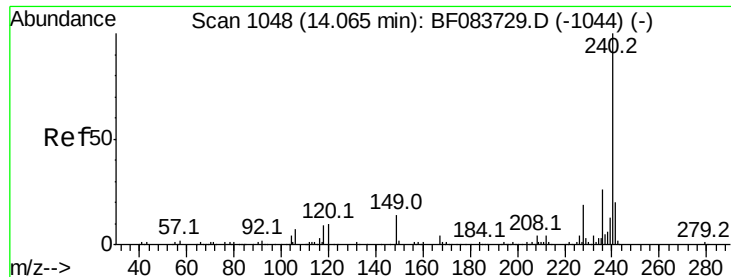


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083789.D
 Acq: 15 Dec 2015 00:44

Tgt Ion:188 Resp: 426913

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.4	14.2
80	14.4	10.6	16.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

Instrument :

BNA_F

ClientSampleId :

W-50

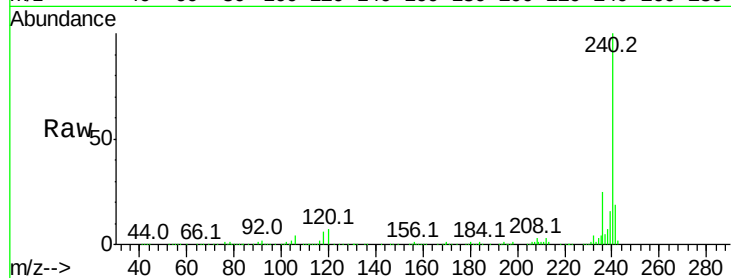
Tot Ion:240 Resp: 378063

Ion Ratio Lower Upper

240 100

120 6.9 8.1 12.1#

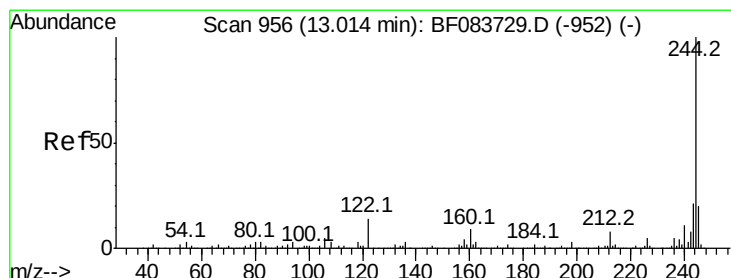
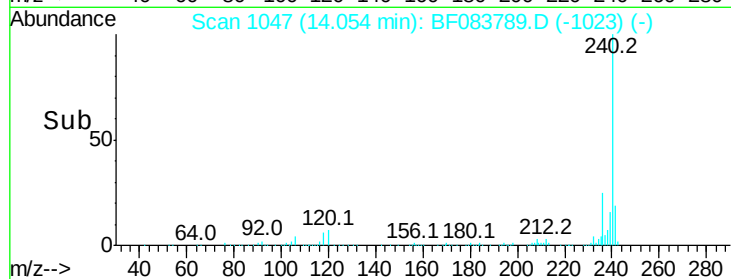
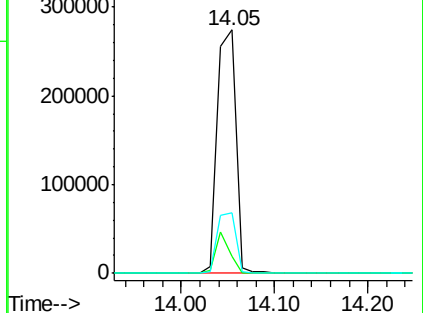
236 24.9 20.8 31.2



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: 71.36 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083789.D

Acq: 15 Dec 2015 00:44

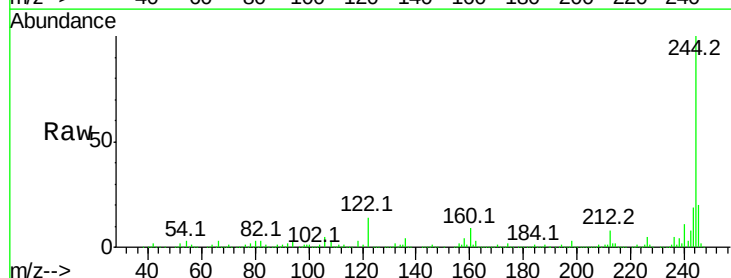
Tgt Ion:244 Resp: 1254154

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

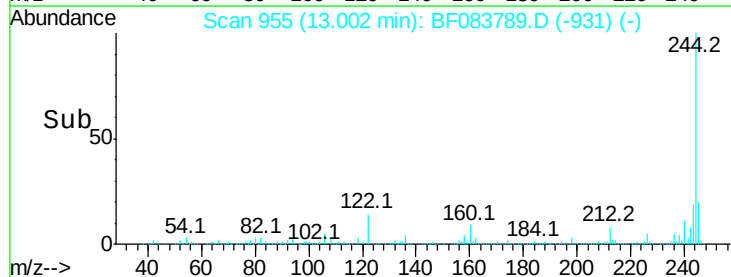
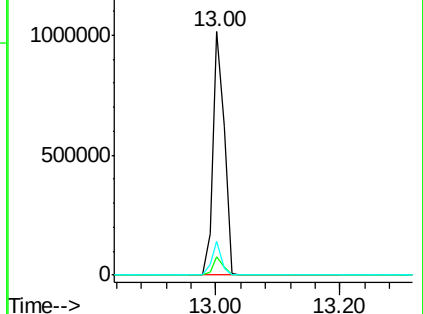
122 13.7 11.0 16.6

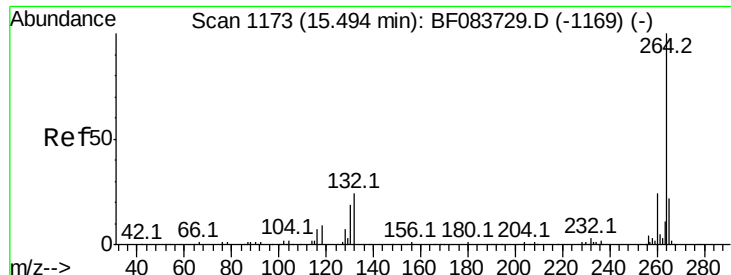


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

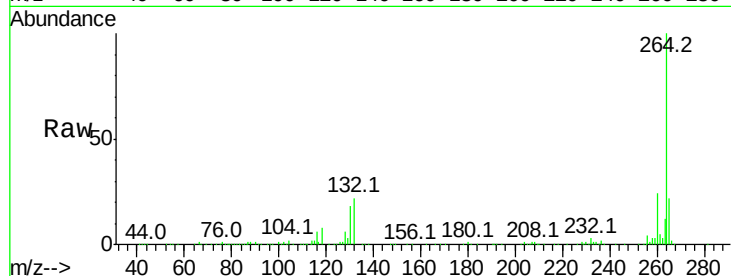




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083789.D
Acq: 15 Dec 2015 00:44

Instrument :
BNA_F
ClientSampleId :
W-50

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.8	17.8	26.6



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

