

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086056.D
 Acq On : 5 Apr 2016 00:01
 Operator : UM/SJ
 Sample : H2076-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Quant Time: Apr 05 03:57:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

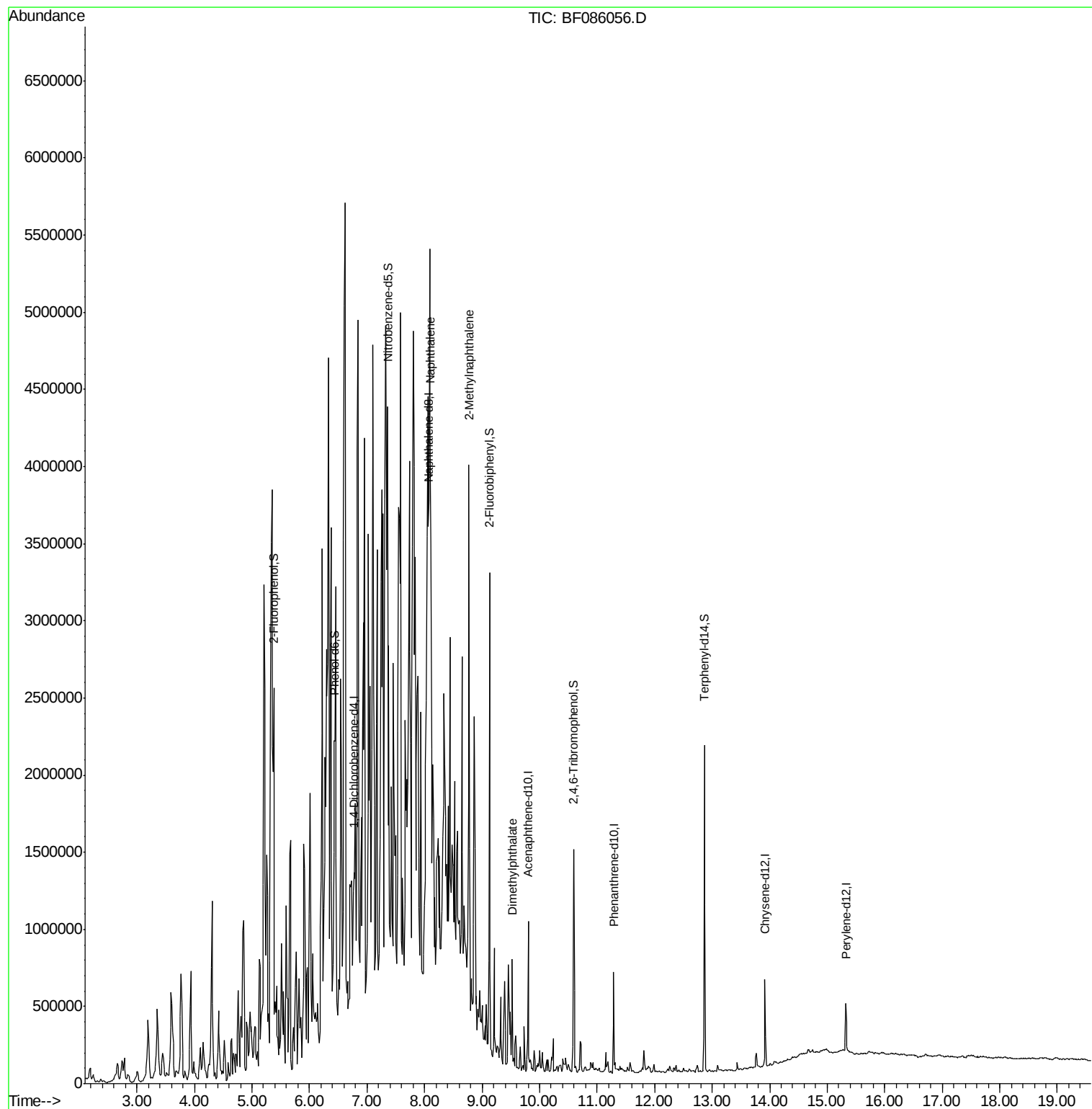
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113601	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	275246	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	178535	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	268791	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	198884	20.00	ng	-0.01
86) Perylene-d12	15.32	264	142122	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1012145	152.29	ng	0.01
7) Phenol-d6	6.43	99	1235595	146.37	ng	0.01
23) Nitrobenzene-d5	7.36	82	560644	120.12	ng	0.01
41) 2,4,6-Tribromophenol	10.59	330	197576	117.91	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	993508	92.52	ng	-0.01
78) Terphenyl-d14	12.87	244	788643	93.21	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.10	128	2986368	215.70	ng	98
37) 2-Methylnaphthalene	8.77	142	1361503	150.54	ng	97
49) Dimethylphthalate	9.53	163	250595	18.94	ng	99

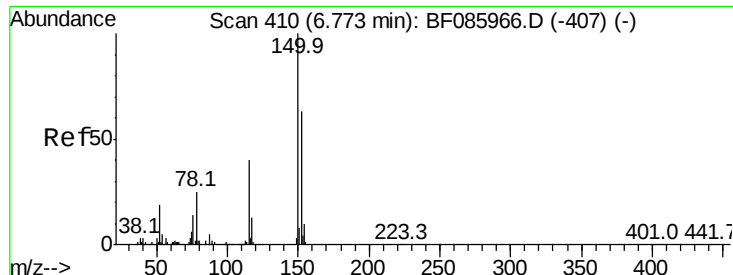
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

Instrument :

BNA_F

ClientSampleId :

WC1

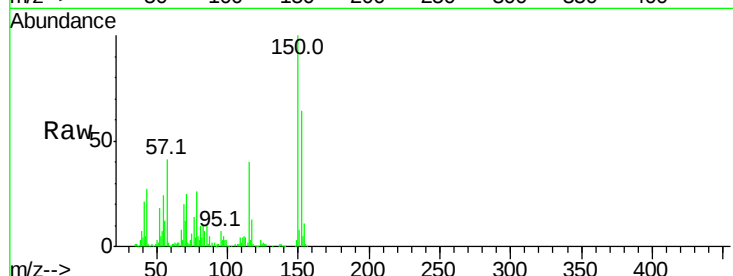
Tot Ion:152 Resp: 113601

Ion Ratio Lower Upper

152 100

150 156.2 124.2 186.2

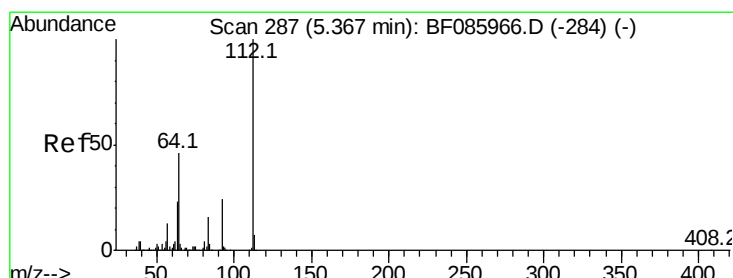
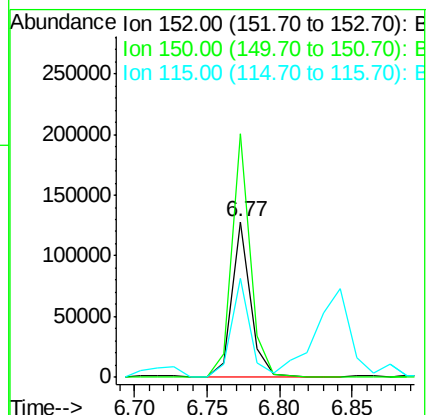
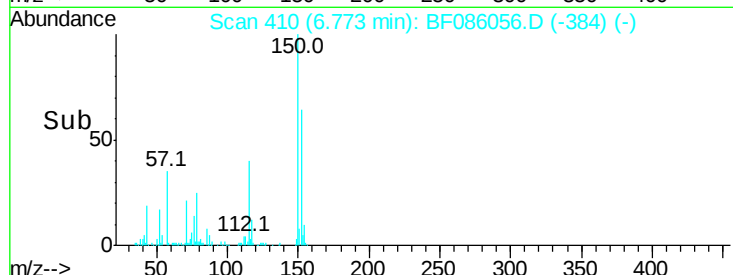
115 63.1 47.0 70.6



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: 152.29 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

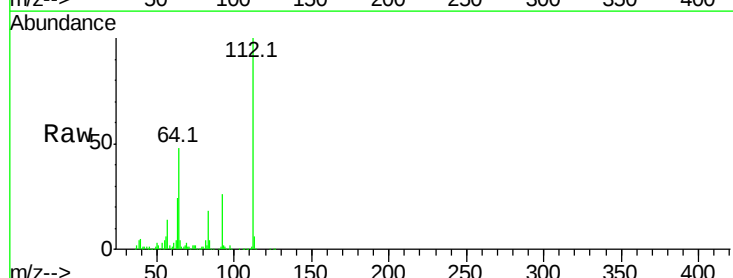
Tgt Ion:112 Resp: 1012145

Ion Ratio Lower Upper

112 100

64 48.1 39.9 59.9

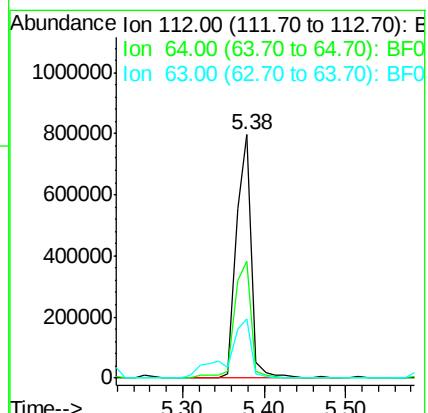
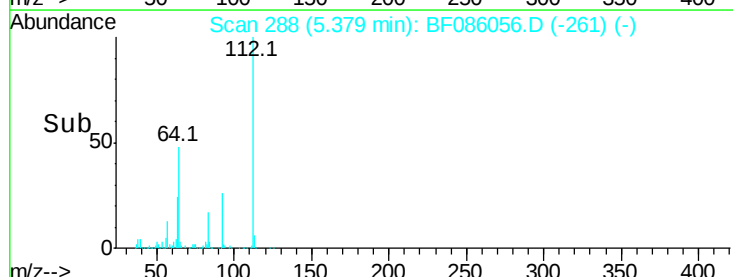
63 24.1 20.2 30.2



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: 146.37 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

Instrument :

BNA_F

ClientSampleId :

WC1

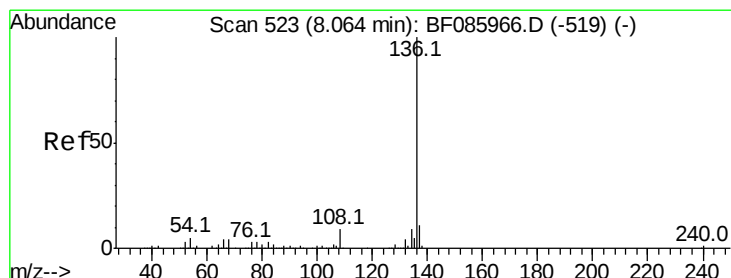
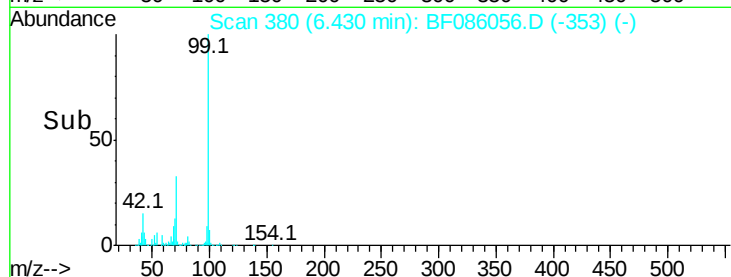
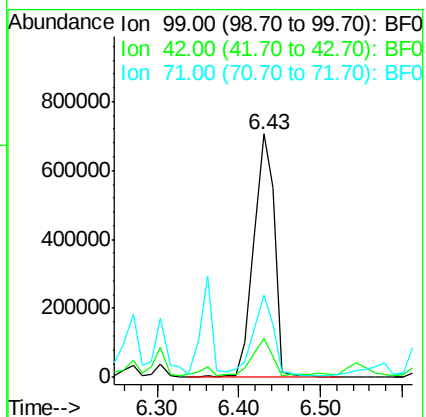
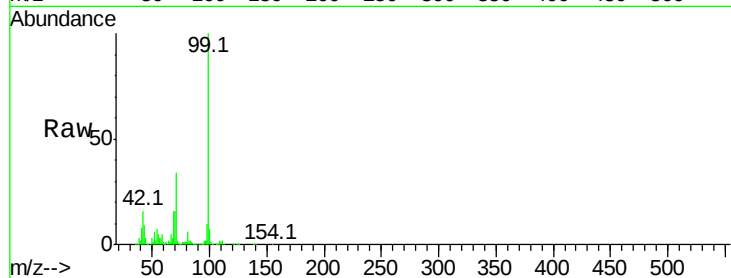
Tot Ion: 99 Resp: 123595

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

71 33.8 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

Tgt Ion: 136 Resp: 275246

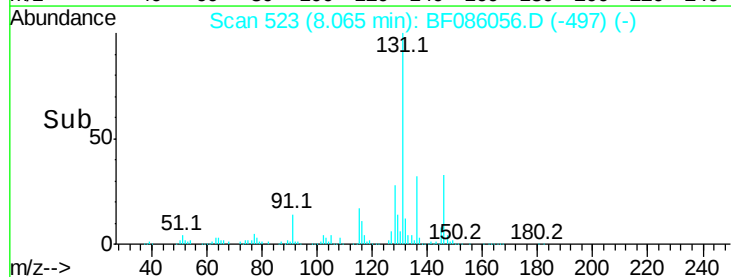
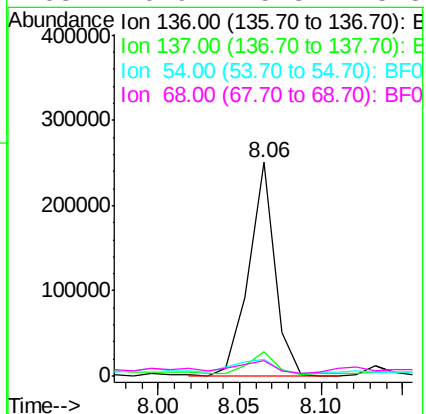
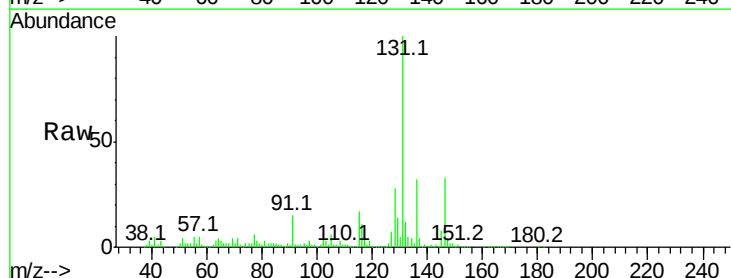
Ion Ratio Lower Upper

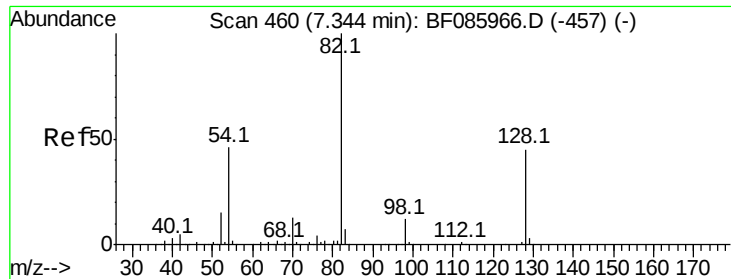
136 100

137 11.4 9.1 13.7

54 7.6 7.4 11.0

68 6.9 5.8 8.8

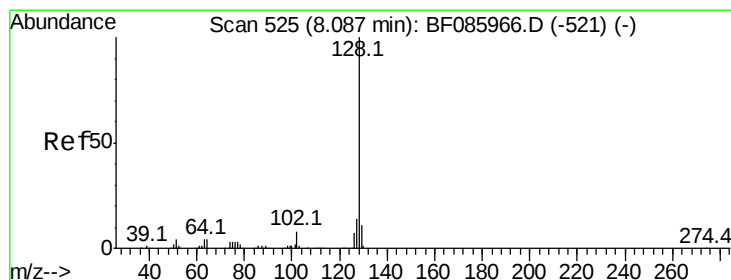
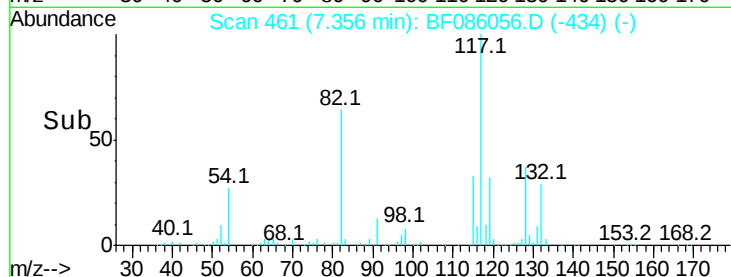
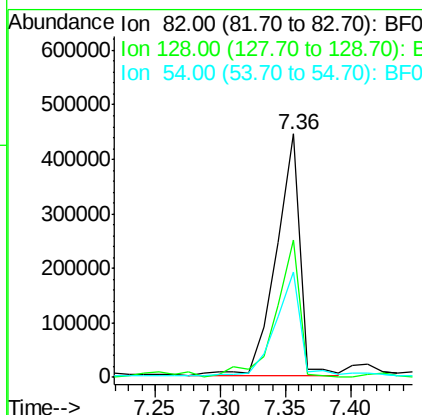
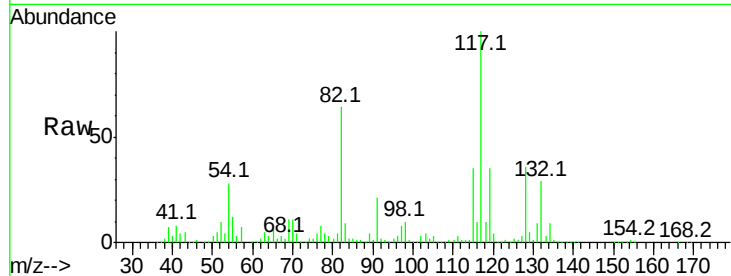




#23
 Nitrobenzene-d5
 Concen: 120.12 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.01 min
 Lab File: BF086056.D
 Acq: 5 Apr 2016 00:01

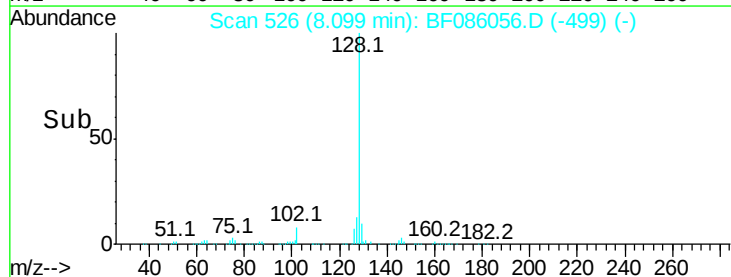
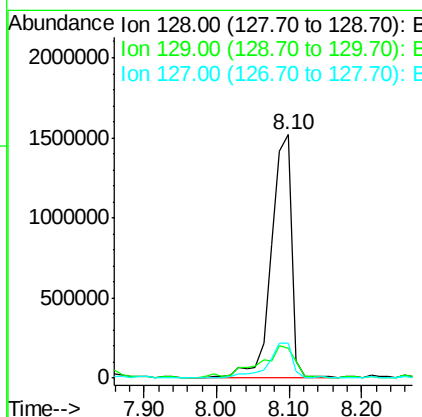
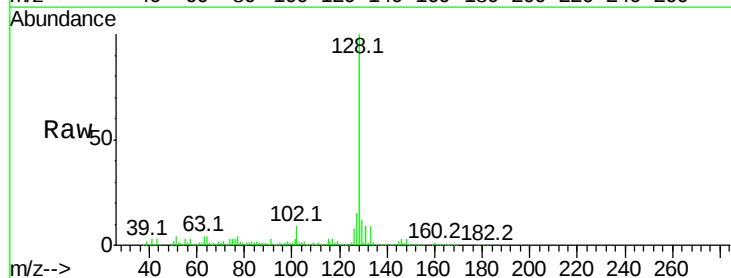
Instrument :
 BNA_F
 ClientSampleID :
 WC1

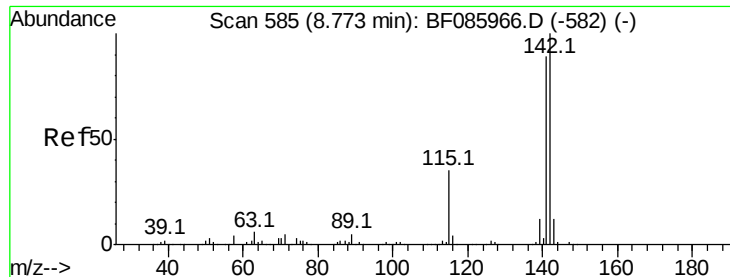
Tot Ion: 82 Resp: 560644
 Ion Ratio Lower Upper
 82 100
 128 56.5 41.8 62.8
 54 43.4 33.4 50.0



#31
 Naphthalene
 Concen: 215.70 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF086056.D
 Acq: 5 Apr 2016 00:01

Tgt Ion:128 Resp: 2986368
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.4 14.0
 127 14.6 11.0 16.6





#37

2-Methylnaphthalene

Concen: 150.54 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

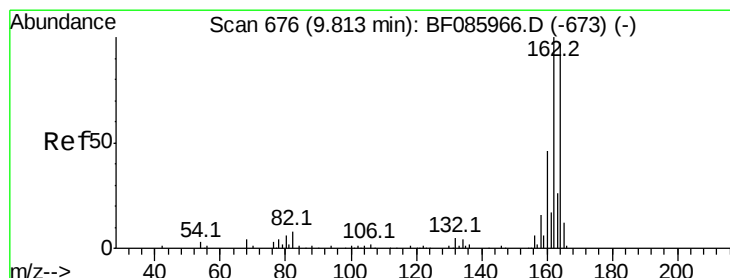
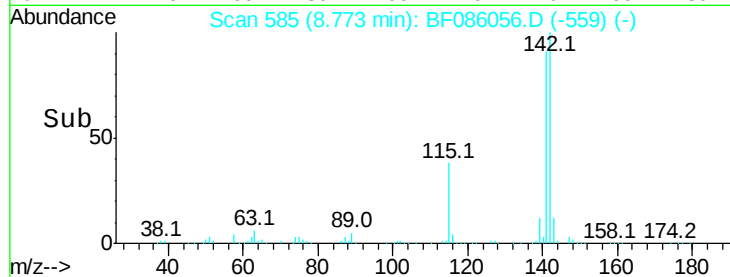
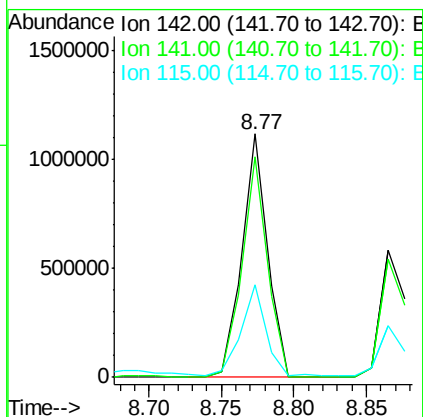
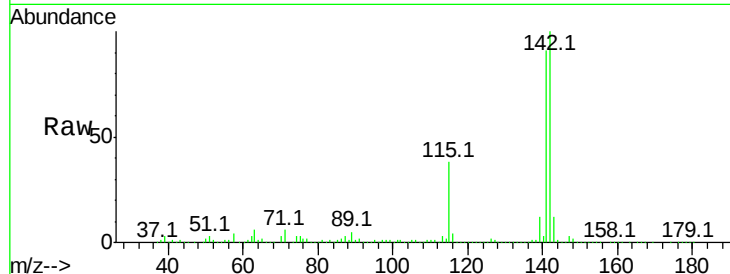
Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

Instrument :
BNA_F
ClientSampleID :
WC1

Tot Ion:142 Resp: 1361503

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	38.3	26.8	40.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

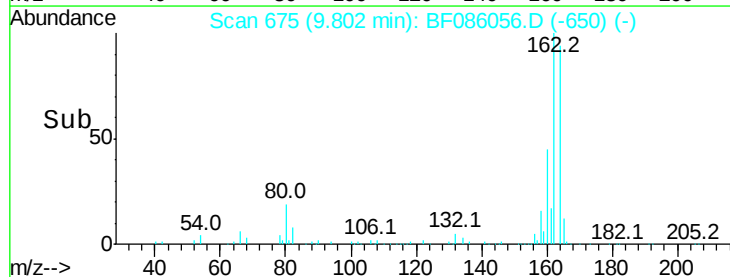
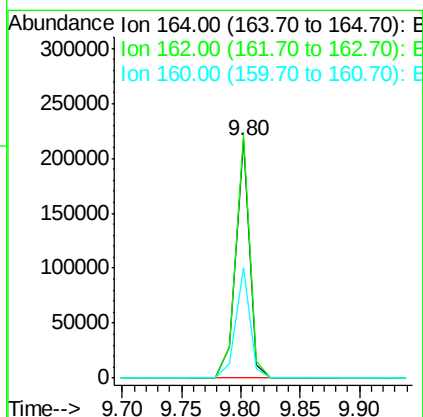
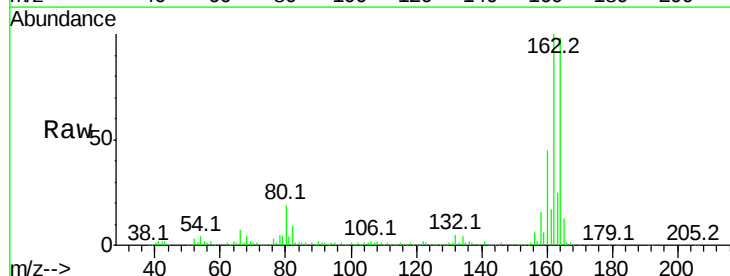
Delta R.T. -0.01 min

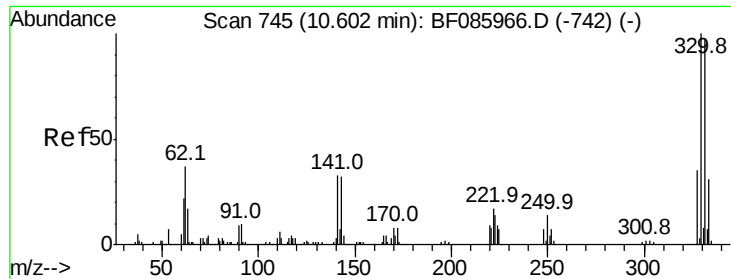
Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

Tgt Ion:164 Resp: 178535

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	46.3	37.4	56.2

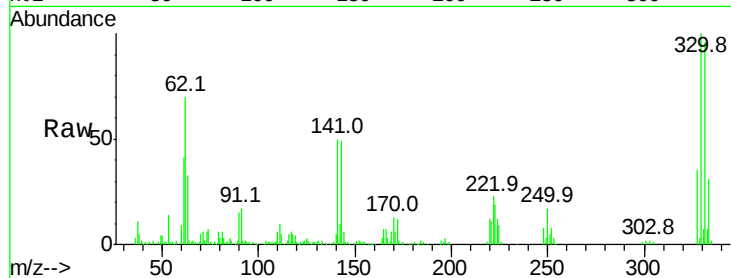




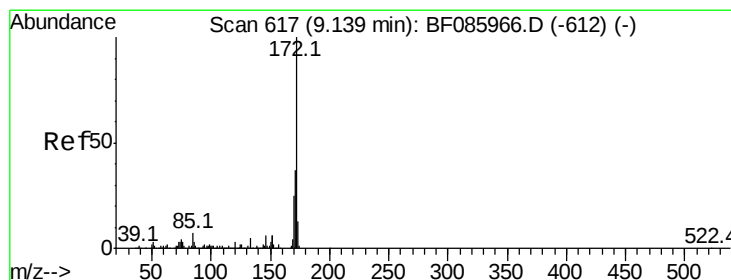
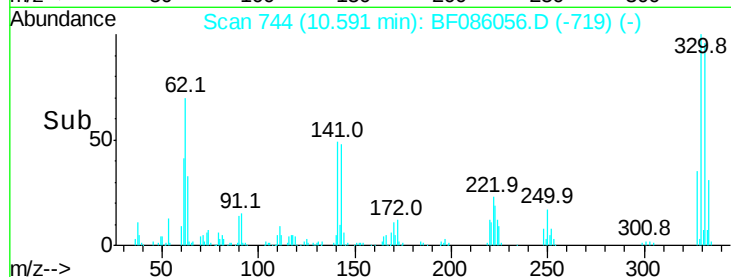
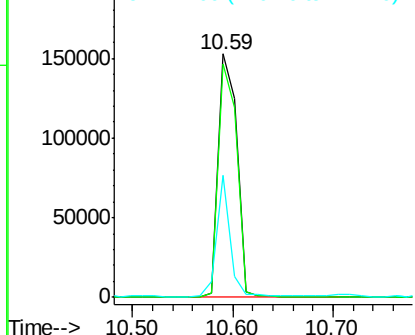
#41
 2,4,6-Tribromophenol
 Concen: 117.91 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086056.D
 Acq: 5 Apr 2016 00:01

Instrument :
 BNA_F
 ClientSampled :
 WC1

Tot Ion:330 Resp: 197576
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.2 117.2
 141 35.0 31.5 47.3

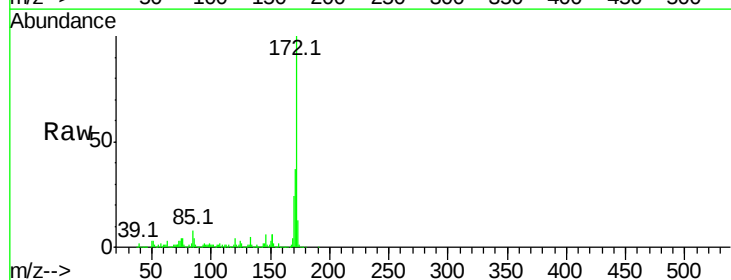


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

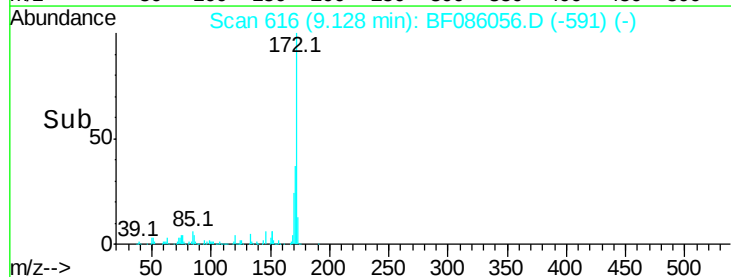
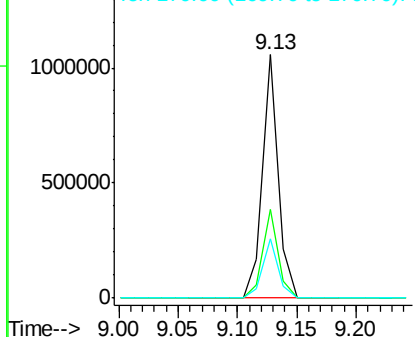


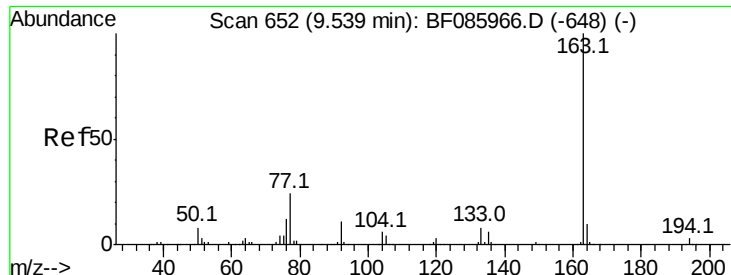
#44
 2-Fluorobiphenyl
 Concen: 92.52 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086056.D
 Acq: 5 Apr 2016 00:01

Tgt Ion:172 Resp: 993508
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.3 19.8 29.6



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

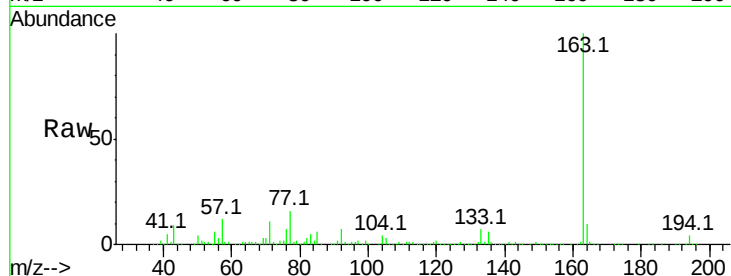




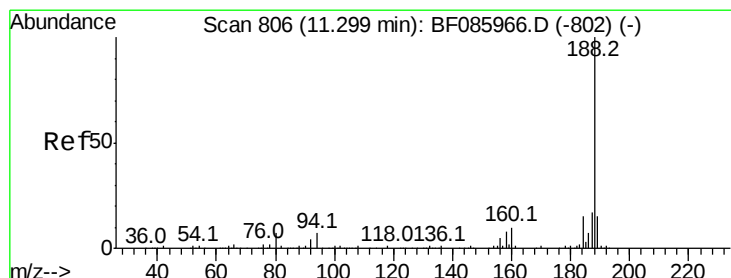
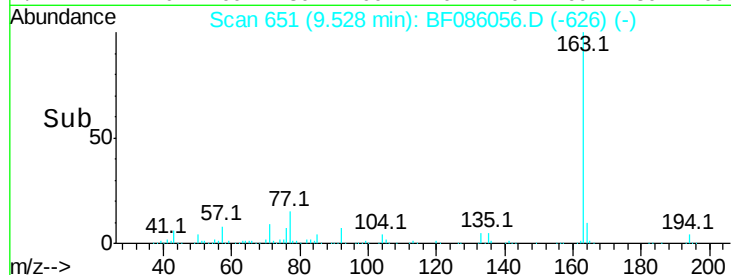
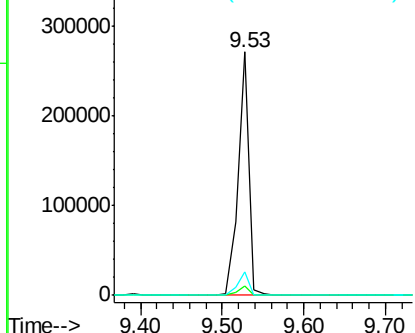
#49
Dimethylphthalate
Concen: 18.94 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086056.D
Acq: 5 Apr 2016 00:01

Instrument :
BNA_F
ClientSampleId :
WC1

Tot Ion:163 Resp: 250595
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.8 8.3 12.5

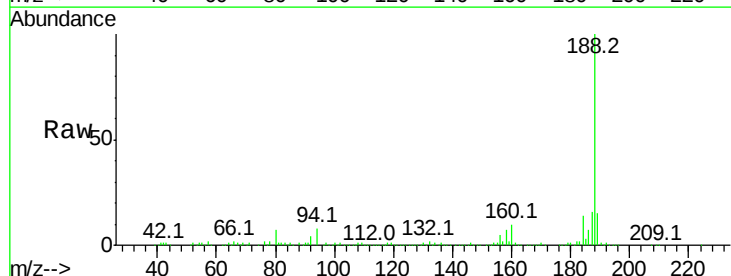


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

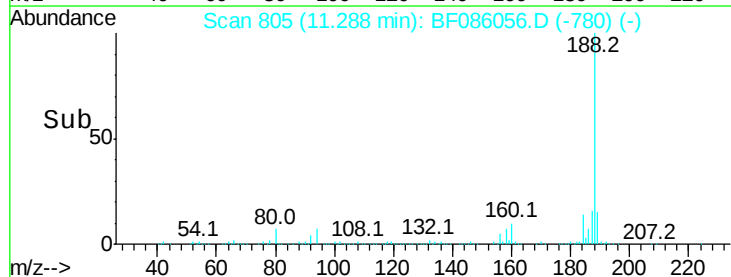
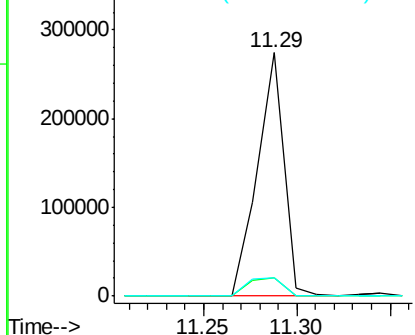


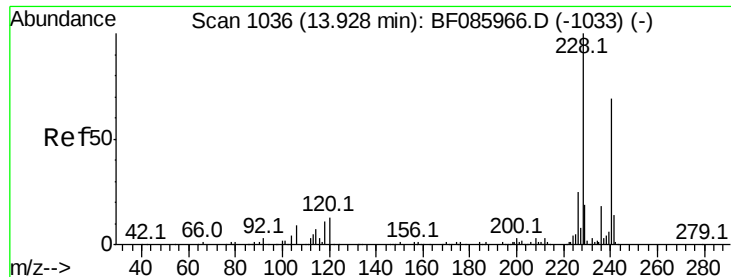
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086056.D
Acq: 5 Apr 2016 00:01

Tgt Ion:188 Resp: 268791
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 7.5 5.5 8.3



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

Instrument :

BNA_F

ClientSampled :

WC1

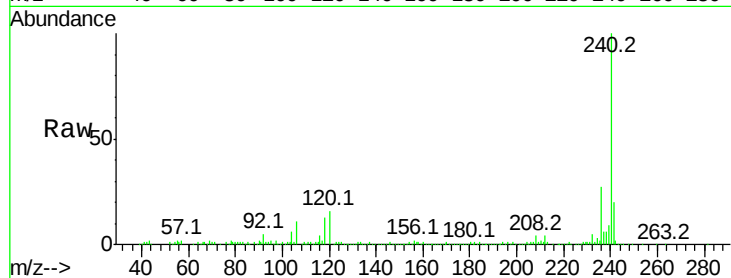
Tot Ion:240 Resp: 198884

Ion Ratio Lower Upper

240 100

120 16.0 13.8 20.8

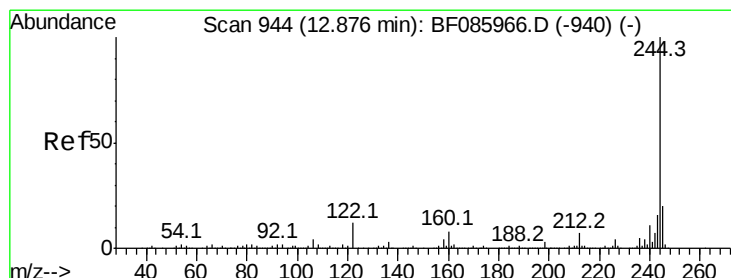
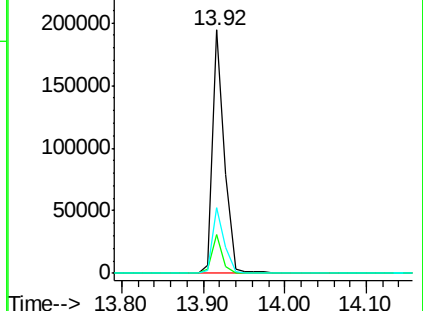
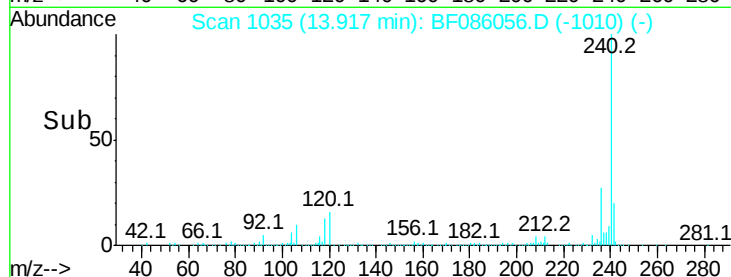
236 26.8 20.6 30.8



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: 93.21 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086056.D

Acq: 5 Apr 2016 00:01

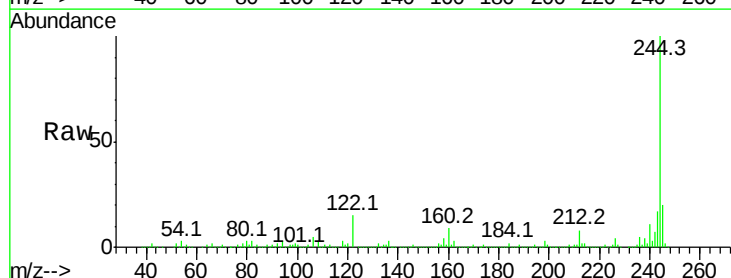
Tgt Ion:244 Resp: 788643

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

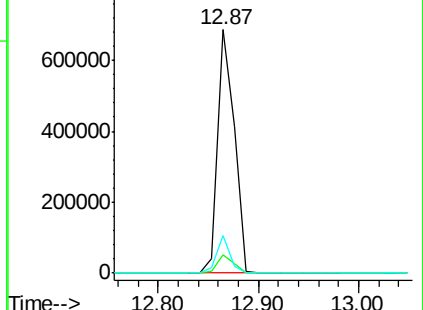
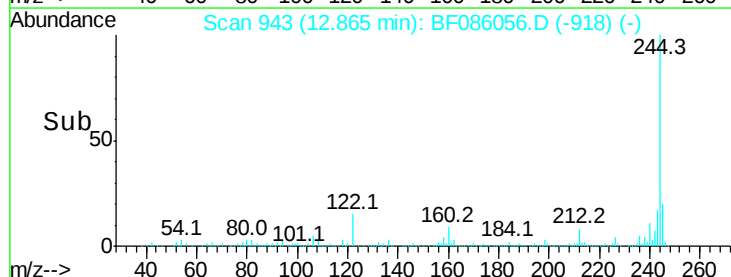
122 15.3 10.2 15.4

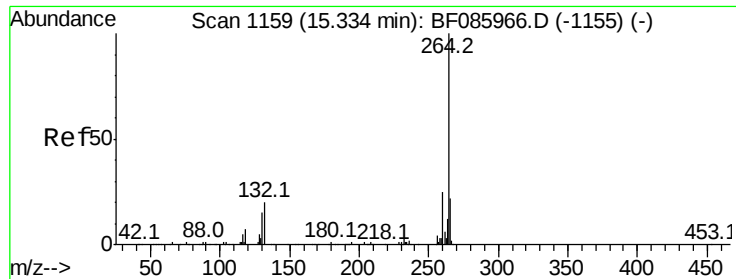


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

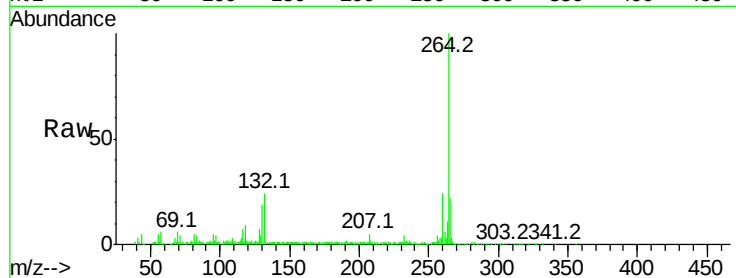




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086056.D
Acq: 5 Apr 2016 00:01

Instrument :
BNA_F
ClientSampleId :
WC1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	17.2	25.8



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

