

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086130.D
 Acq On : 7 Apr 2016 14:19
 Operator : UM/SJ
 Sample : H2076-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1DL

Quant Time: Apr 08 02:17:39 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

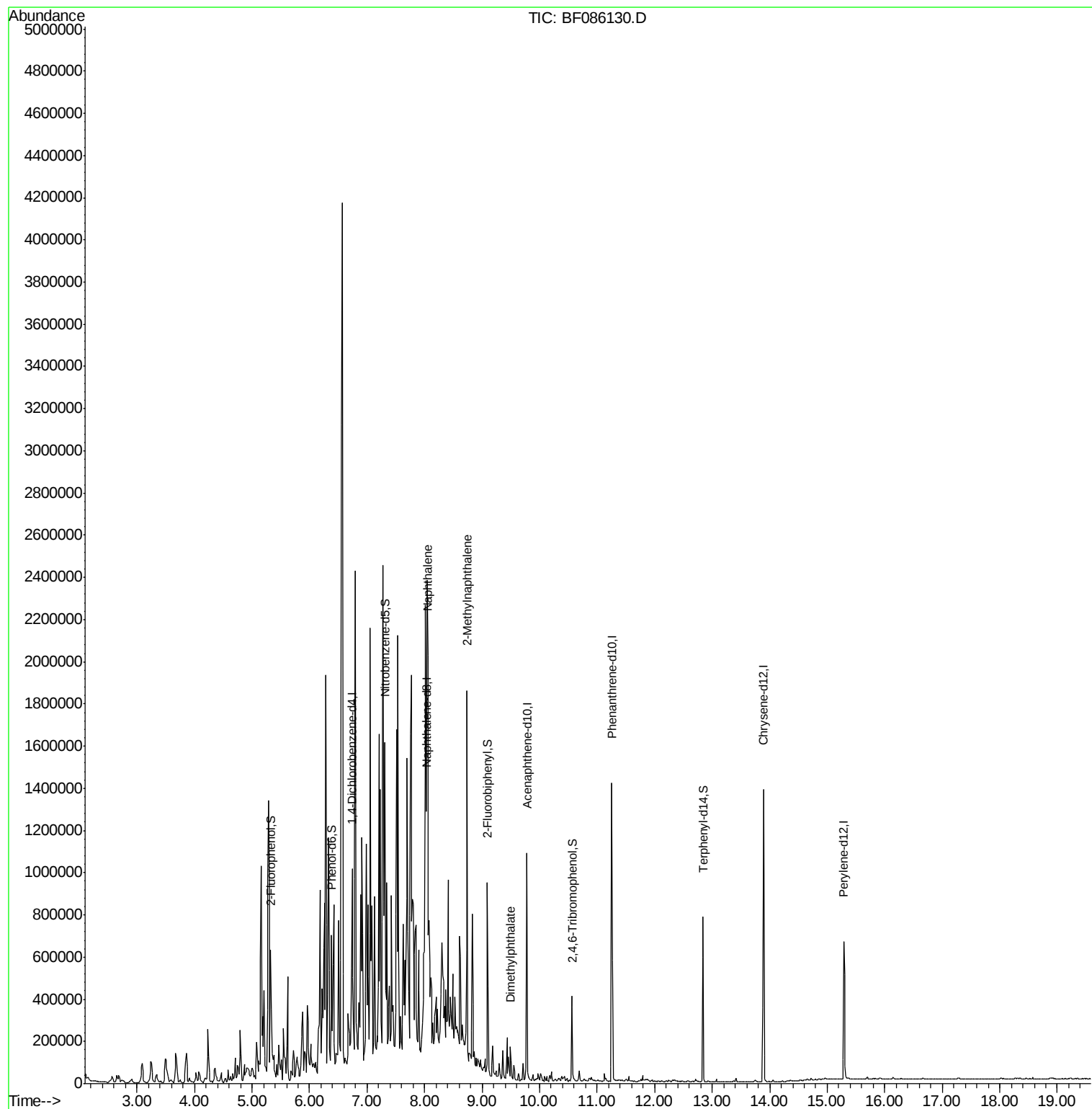
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	153299	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	573239	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	300500	20.00	ng	-0.03
63) Phenanthrene-d10	11.25	188	562367	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	463022	20.00	ng	-0.03
86) Perylene-d12	15.29	264	320612	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	238642	26.61	ng	-0.05
7) Phenol-d6	6.38	99	299506	26.29	ng	-0.03
23) Nitrobenzene-d5	7.31	82	180797	18.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	64231	22.77	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	324591	17.96	ng	-0.05
78) Terphenyl-d14	12.84	244	308924	15.68	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.05	128	1077768	37.38	ng	100
37) 2-Methylnaphthalene	8.74	142	503441	26.73	ng	99
49) Dimethylphthalate	9.49	163	60255	2.71	ng	99

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

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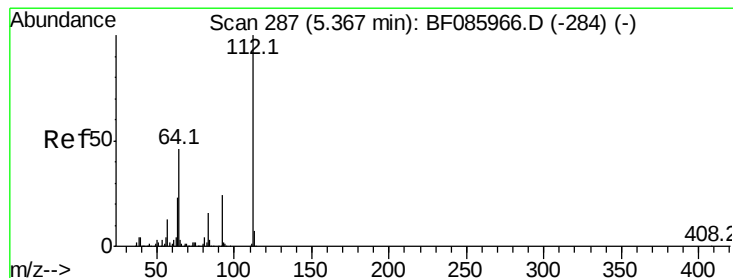
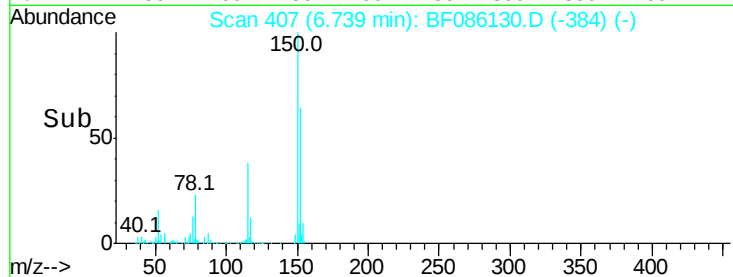
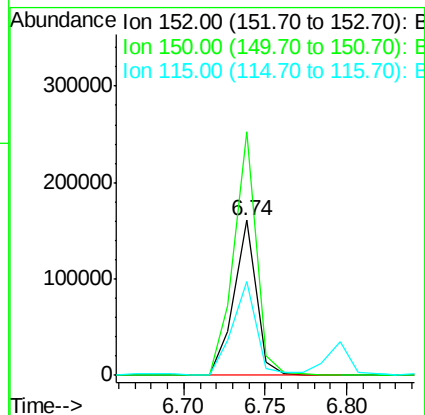
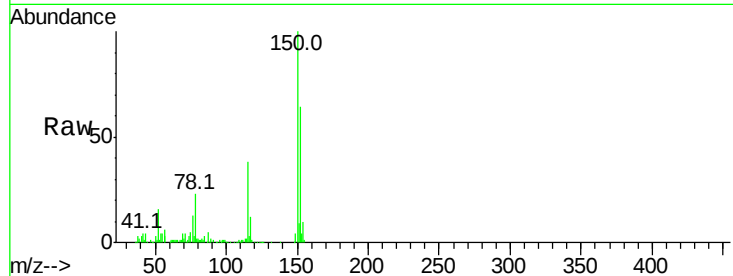


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086130.D
Acq: 7 Apr 2016 14:19

Instrument :
BNA_F
ClientSampleId :
WC1DL

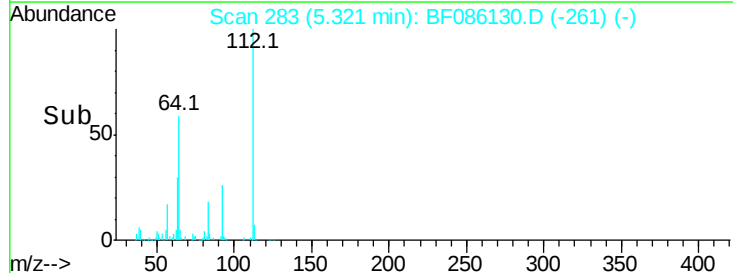
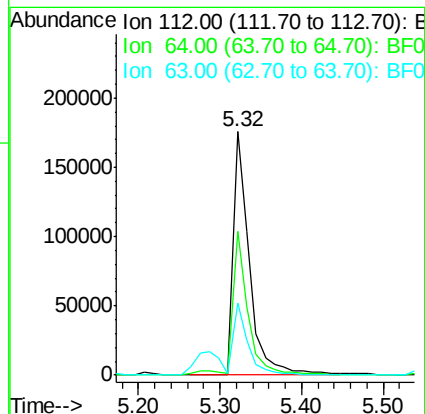
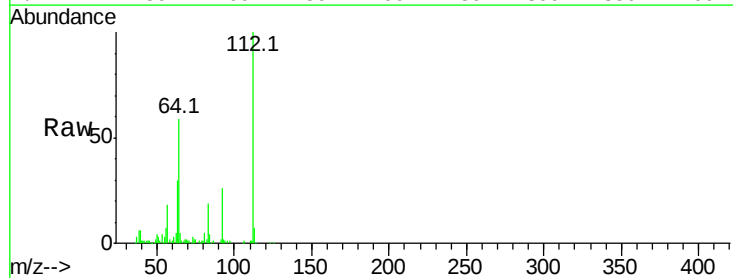
Tot Ion:152 Resp: 153299
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 60.4 47.0 70.6



#5

2-Fluorophenol
Concen: 26.61 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.05 min
Lab File: BF086130.D
Acq: 7 Apr 2016 14:19

Tgt Ion:112 Resp: 238642
Ion Ratio Lower Upper
112 100
64 59.3 39.9 59.9
63 29.8 20.2 30.2





#7

Phenol-d6

Concen: 26.29 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086130.D

Acq: 7 Apr 2016 14:19

Instrument :

BNA_F

ClientSampleId :

WC1DL

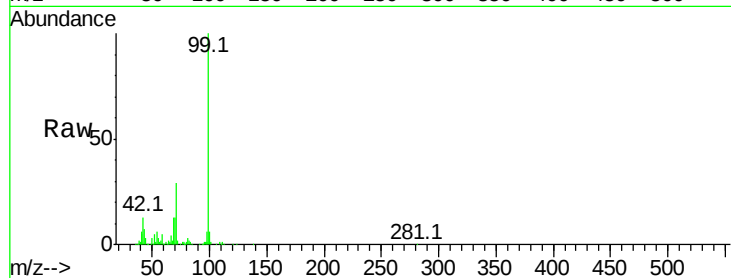
Tot Ion: 99 Resp: 299506

Ion Ratio Lower Upper

99 100

42 13.1 11.1 16.7

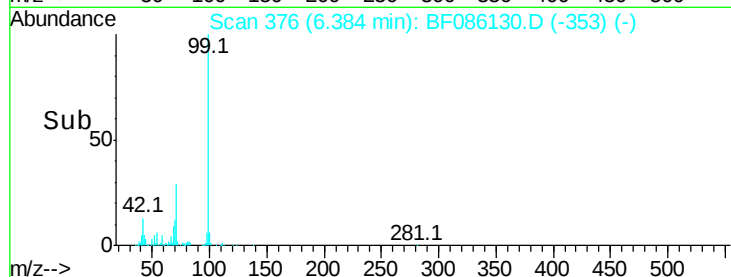
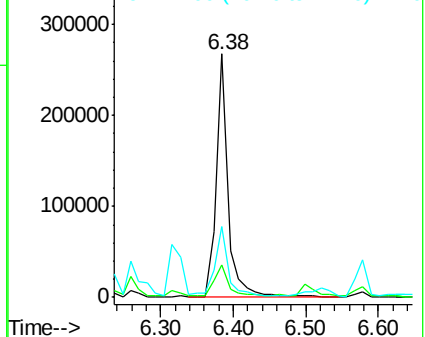
71 29.3 24.9 37.3



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: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086130.D

Acq: 7 Apr 2016 14:19

Tgt Ion: 136 Resp: 573239

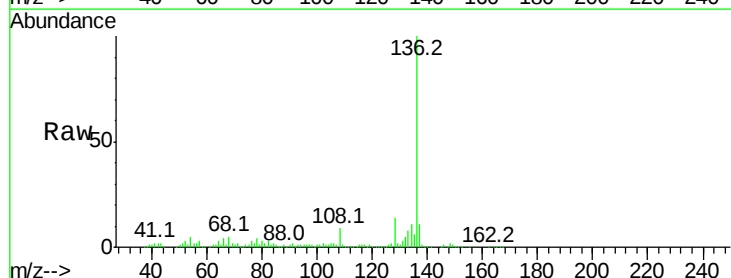
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 7.4 11.0#

68 4.9 5.8 8.8#

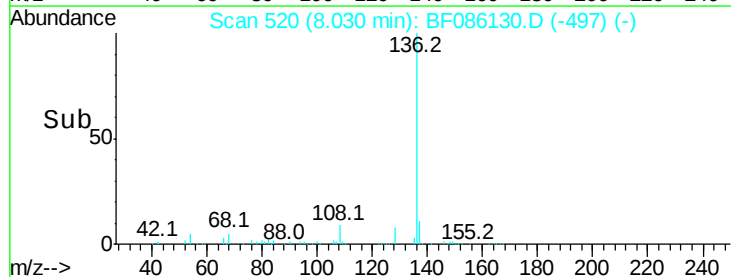
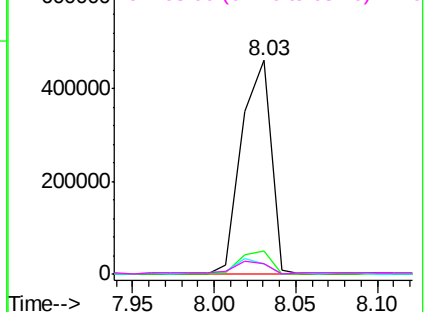


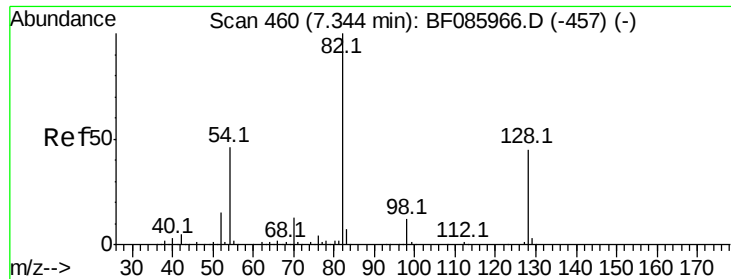
Abundance Ion 136.00 (135.70 to 136.70): E

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

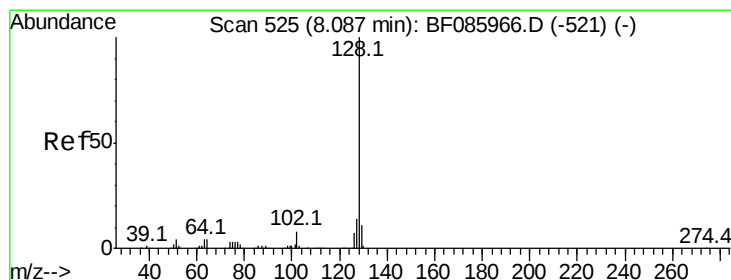
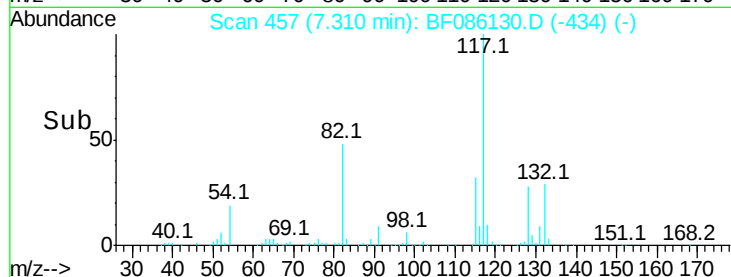
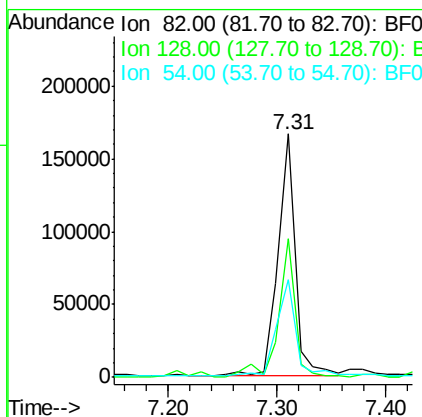
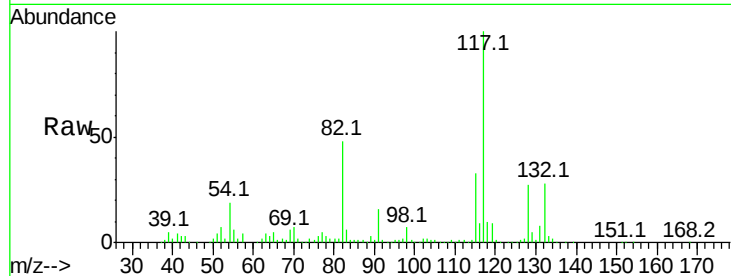




#23
Nitrobenzene-d5
Concen: 18.60 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086130.D
Acq: 7 Apr 2016 14:19

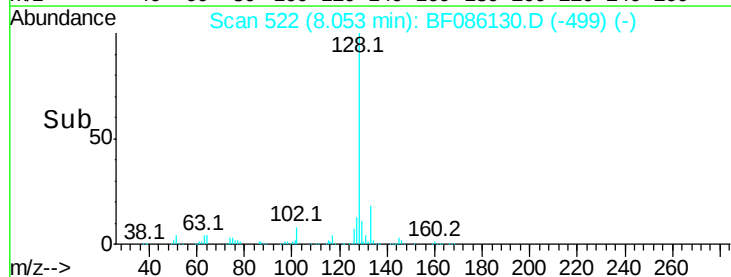
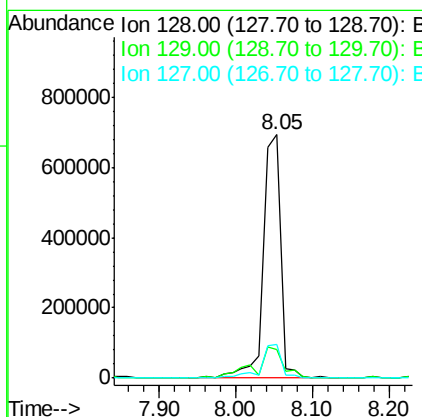
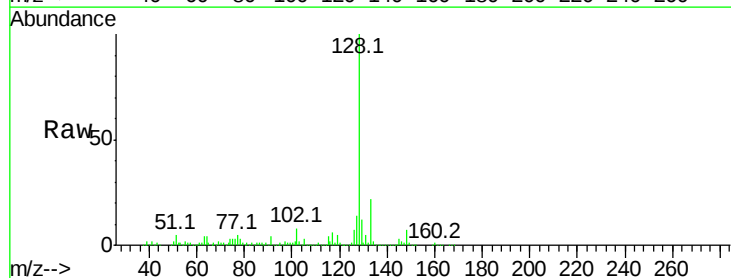
Instrument :
BNA_F
ClientSampled :
WC1DL

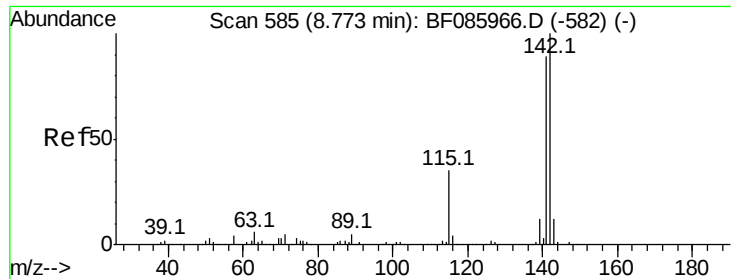
Tot Ion: 82 Resp: 180797
Ion Ratio Lower Upper
82 100
128 56.9 41.8 62.8
54 40.4 33.4 50.0



#31
Naphthalene
Concen: 37.38 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF086130.D
Acq: 7 Apr 2016 14:19

Tgt Ion:128 Resp: 1077768
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.6 11.0 16.6

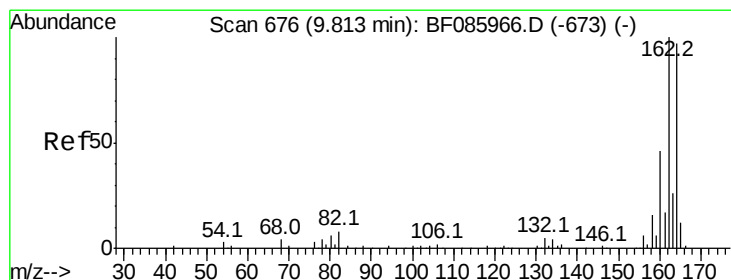
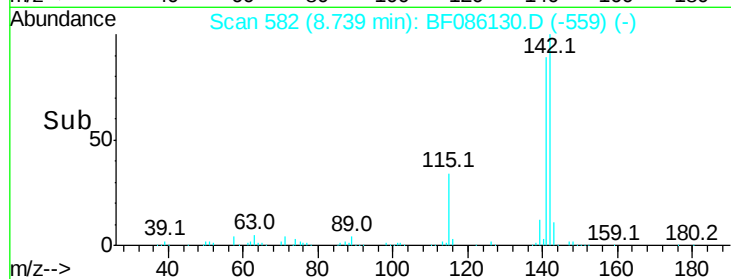
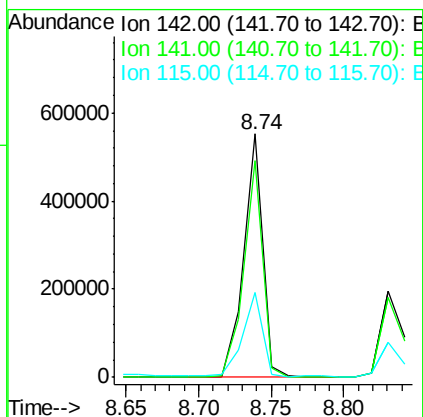
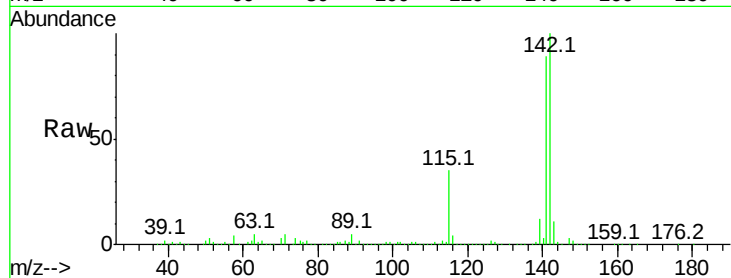




#37
 2-Methylnaphthalene
 Concen: 26.73 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.03 min
 Lab File: BF086130.D
 Acq: 7 Apr 2016 14:19

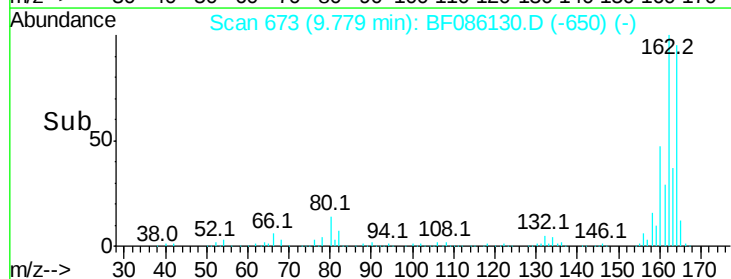
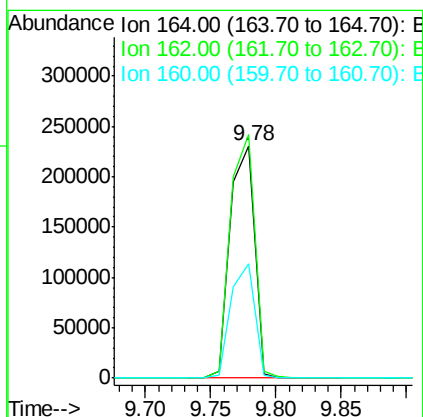
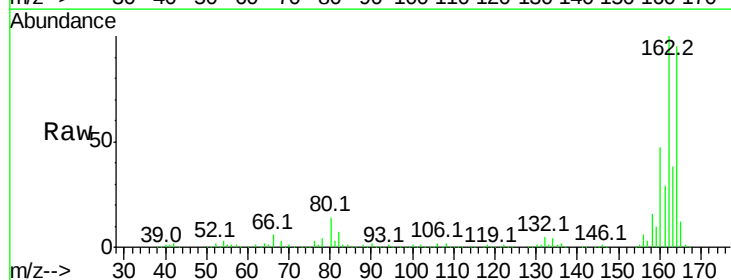
Instrument :
 BNA_F
 ClientSampleId :
 WC1DL

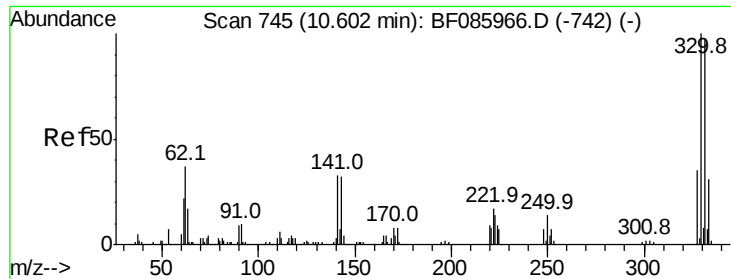
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	34.9	26.8	40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086130.D
 Acq: 7 Apr 2016 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.1	123.1
160	49.2	37.4	56.2

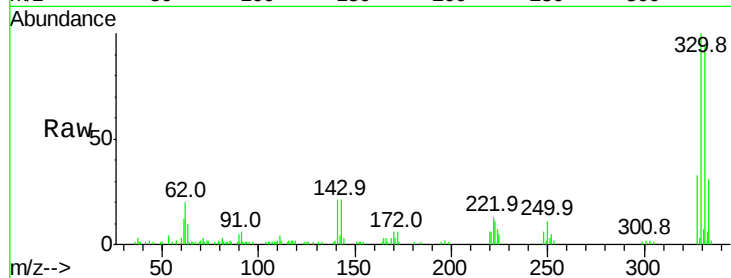




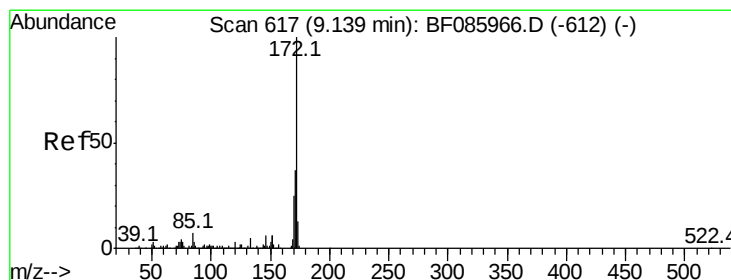
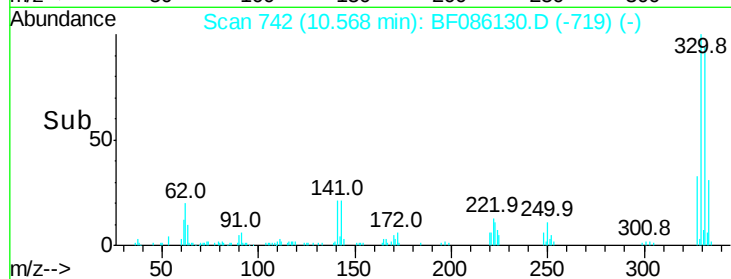
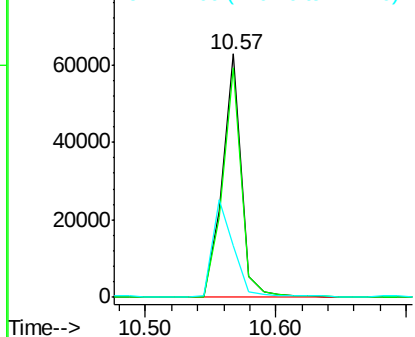
#41
 2,4,6-Tribromophenol
 Concen: 22.77 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086130.D
 Acq: 7 Apr 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 WC1DL

Tot Ion:330 Resp: 64231
 Ion Ratio Lower Upper
 330 100
 332 94.5 78.2 117.2
 141 46.0 31.5 47.3

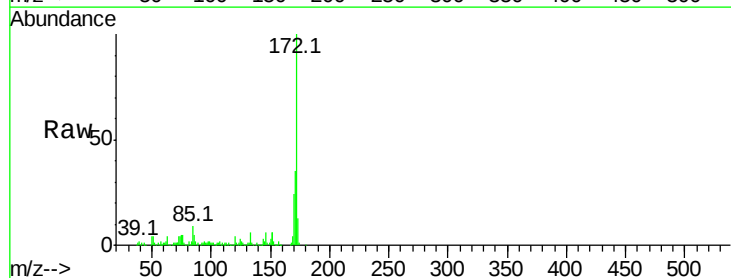


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

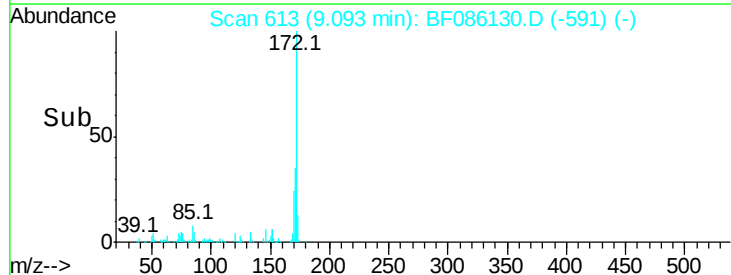
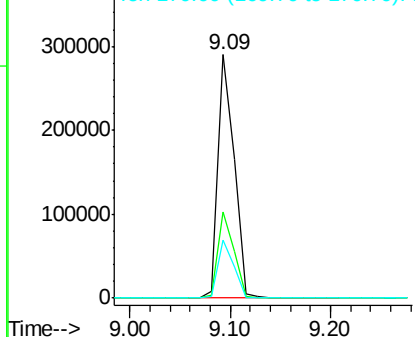


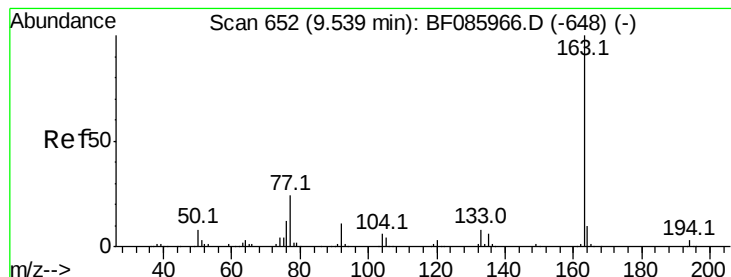
#44
 2-Fluorobiphenyl
 Concen: 17.96 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086130.D
 Acq: 7 Apr 2016 14:19

Tgt Ion:172 Resp: 324591
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 23.8 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: 2.71 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086130.D

Acq: 7 Apr 2016 14:19

Instrument :

BNA_F

ClientSampleId :

WC1DL

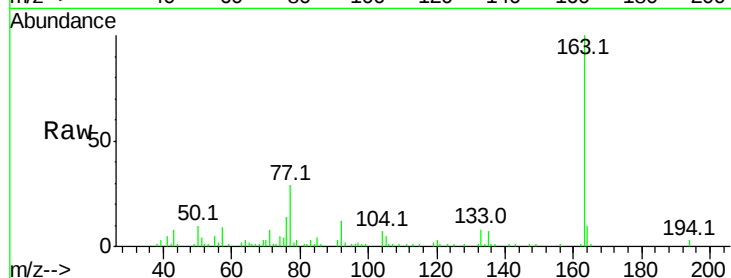
Tot Ion:163 Resp: 60255

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

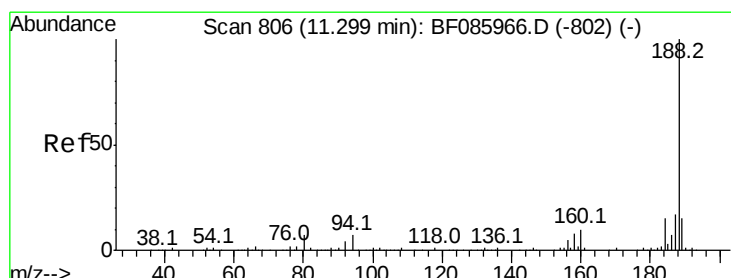
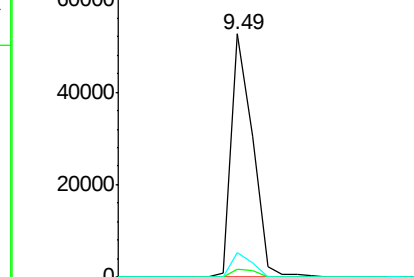
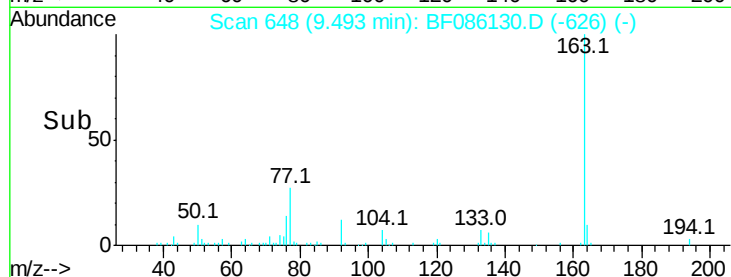
164 10.0 8.3 12.5



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: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086130.D

Acq: 7 Apr 2016 14:19

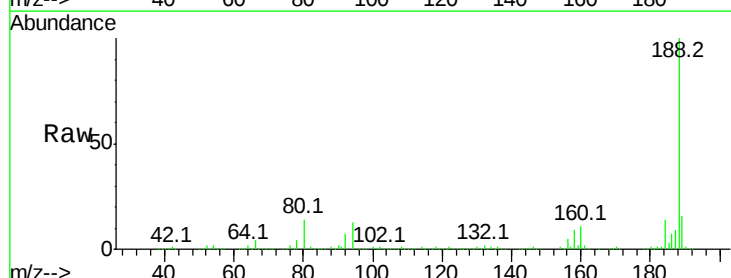
Tgt Ion:188 Resp: 562367

Ion Ratio Lower Upper

188 100

94 12.9 5.4 8.0#

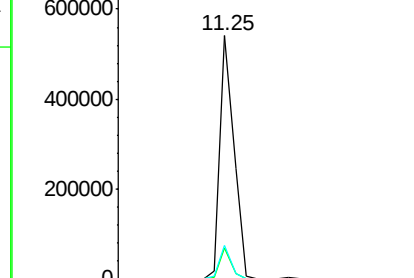
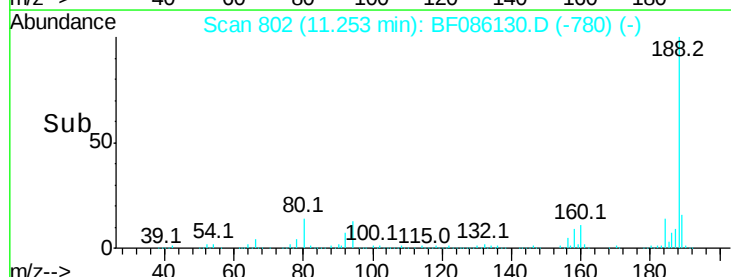
80 13.7 5.5 8.3#

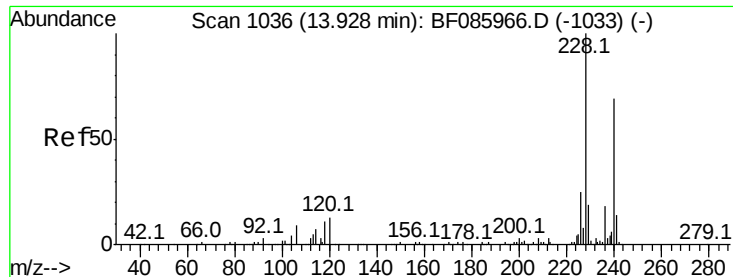


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086130.D

Acq: 7 Apr 2016 14:19

Instrument :

BNA_F

ClientSampleId :

WC1DL

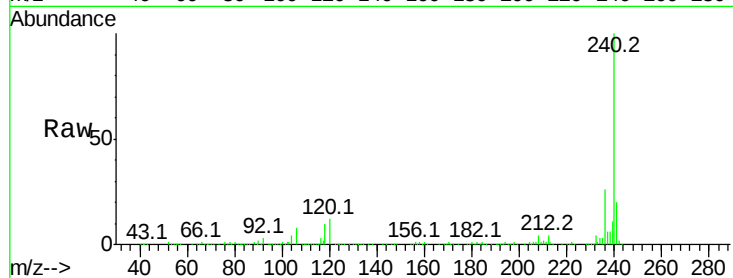
Tot Ion:240 Resp: 463022

Ion Ratio Lower Upper

240 100

120 12.0 13.8 20.8#

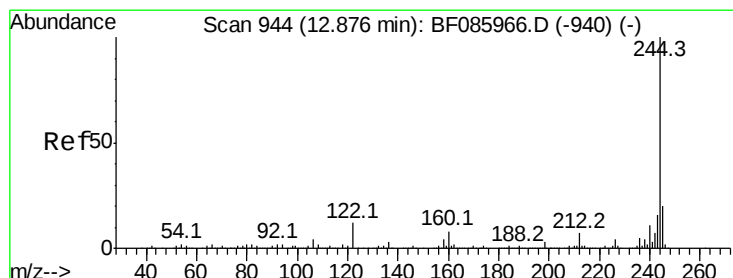
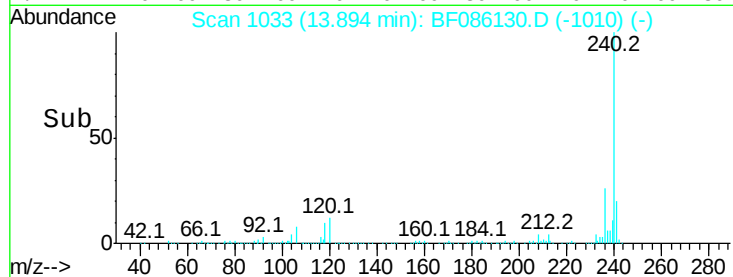
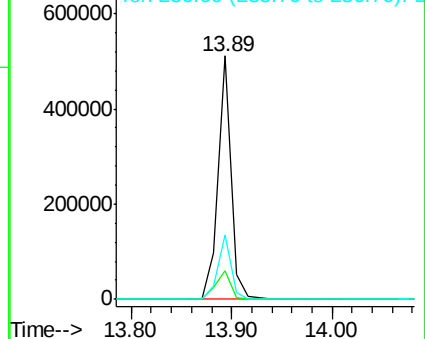
236 26.5 20.6 30.8



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: 15.68 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086130.D

Acq: 7 Apr 2016 14:19

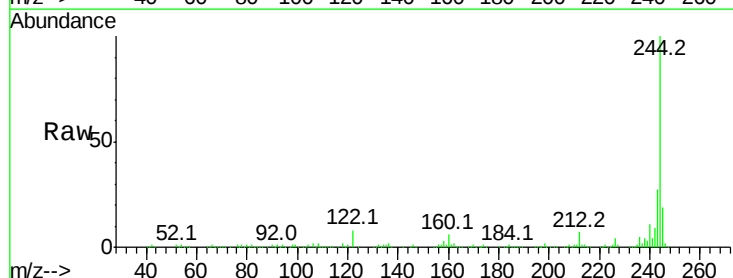
Tgt Ion:244 Resp: 308924

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

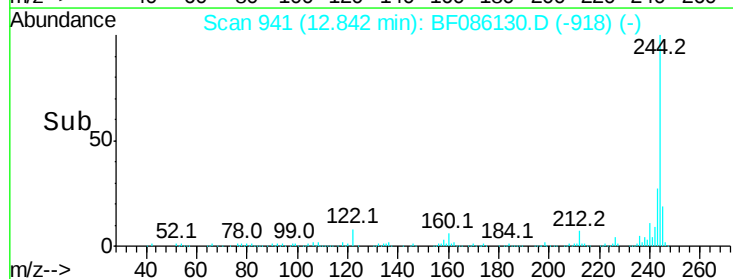
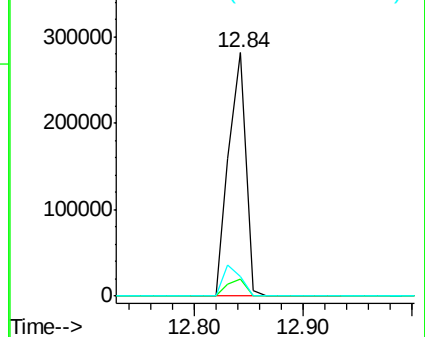
122 7.9 10.2 15.4#

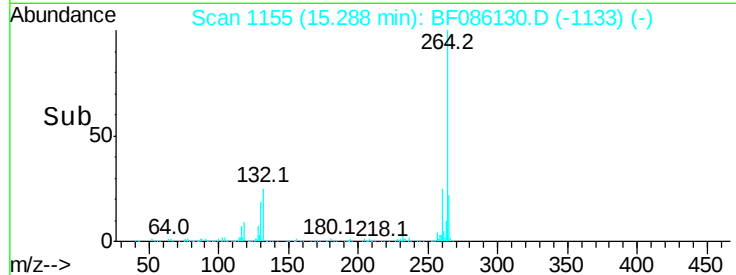
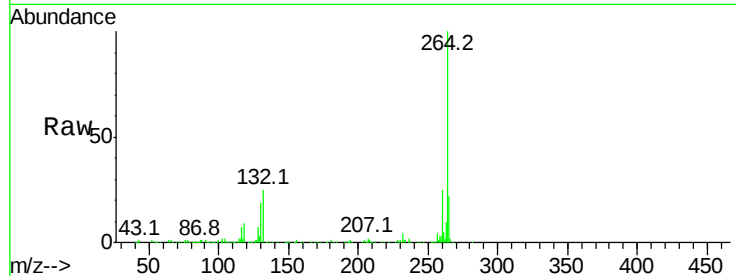
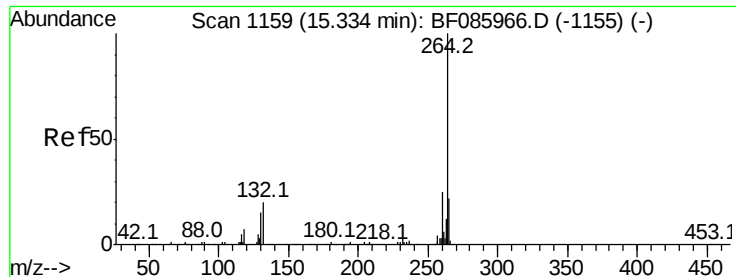


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086130.D
Acq: 7 Apr 2016 14:19

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tot Ion:	264	Resp:	320612
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	22.2	17.2	25.8

