

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082606.D
 Acq On : 31 Oct 2015 7:50
 Operator : UM/IZ
 Sample : G4212-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1510053722

Quant Time: Nov 02 11:20:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

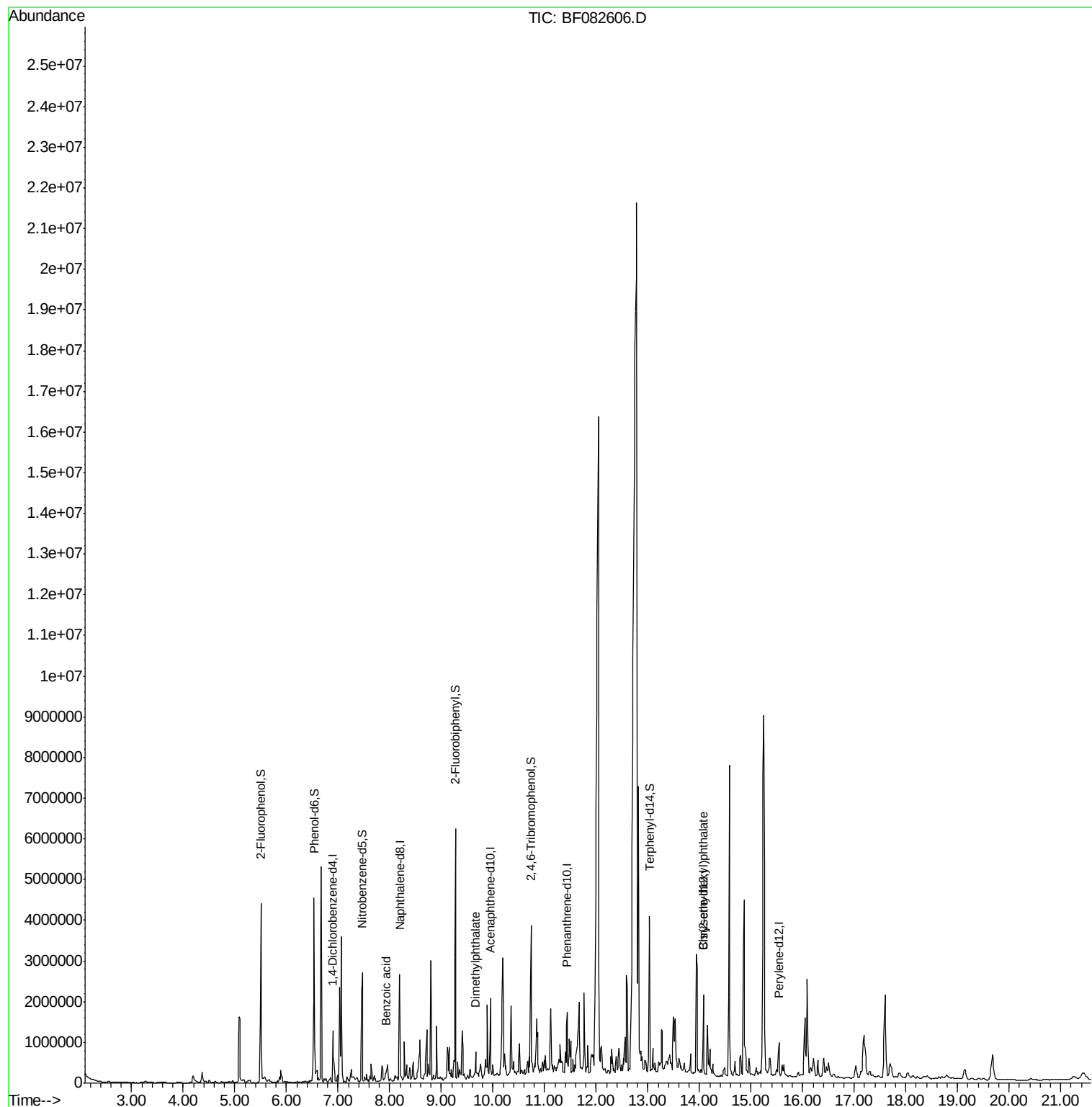
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194051	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	750785	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	386500	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	679083	20.00	ng	0.00
75) Chrysene-d12	14.08	240	500984	20.00	ng	0.00
86) Perylene-d12	15.54	264	389728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1174423	91.15	ng	0.00
7) Phenol-d6	6.53	99	1597015	93.30	ng	0.00
23) Nitrobenzene-d5	7.47	82	1250733	68.03	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	450996	106.62	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1999845	73.46	ng	0.00
78) Terphenyl-d14	13.04	244	1673887	73.12	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	7.94	122	73501	7.65	ng	100
49) Dimethylphthalate	9.66	163	171548	5.43	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	96718	4.59	ng	# 98

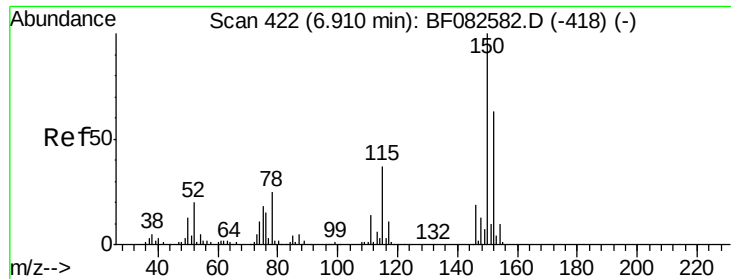
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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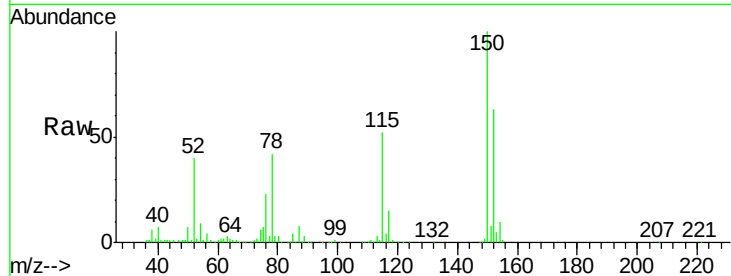


#1

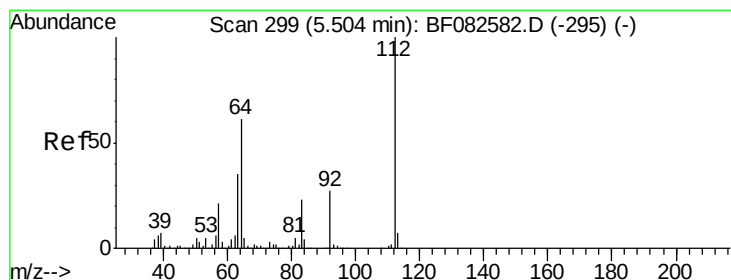
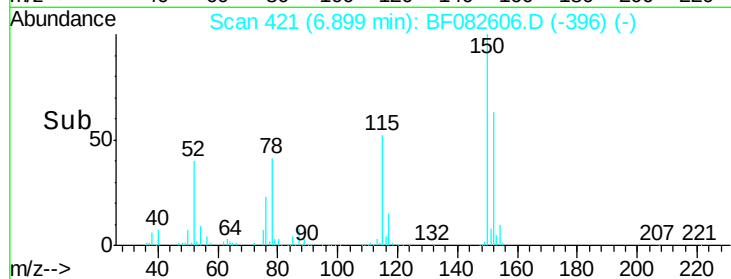
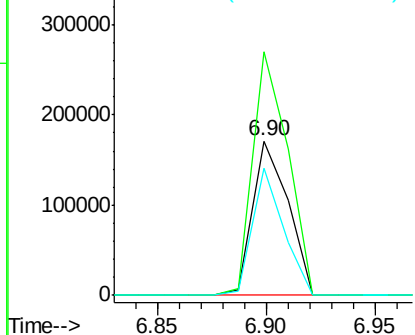
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082606.D
Acq: 31 Oct 2015 7:50

Instrument :
BNA_F
ClientSampleId :
1510053722

Tgt Ion:152 Resp: 194051
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.4
115 82.4 47.0 70.6#



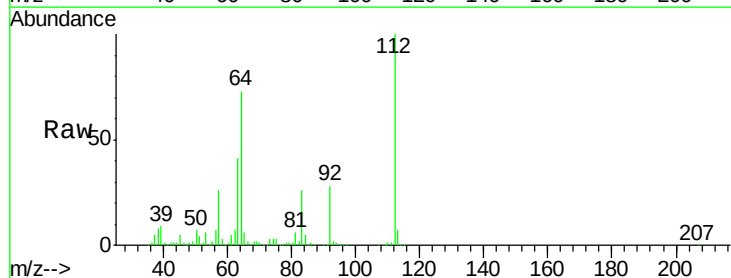
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



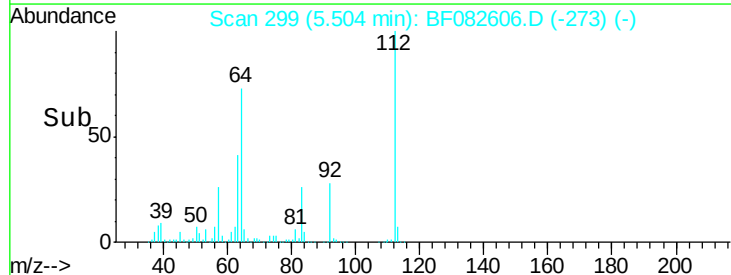
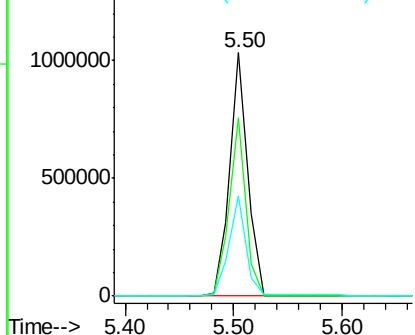
#5

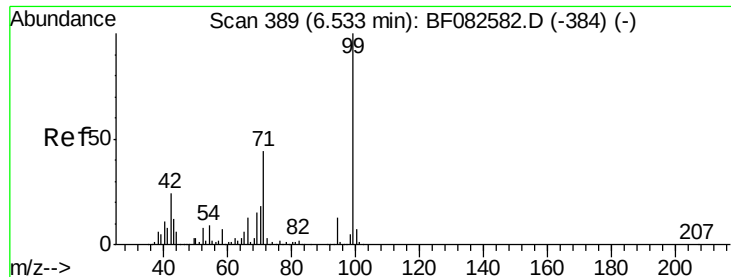
2-Fluorophenol
Concen: 91.15 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF082606.D
Acq: 31 Oct 2015 7:50

Tgt Ion:112 Resp: 1174423
Ion Ratio Lower Upper
112 100
64 73.2 48.9 73.3
63 41.2 28.1 42.1



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: 93.30 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

Instrument :

BNA_F

ClientSampleId :

1510053722

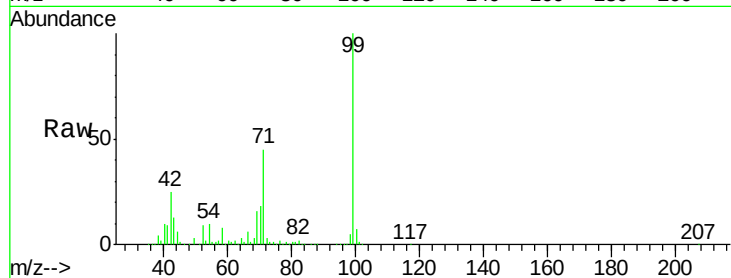
Tgt Ion: 99 Resp: 1597015

Ion Ratio Lower Upper

99 100

42 25.2 19.2 28.8

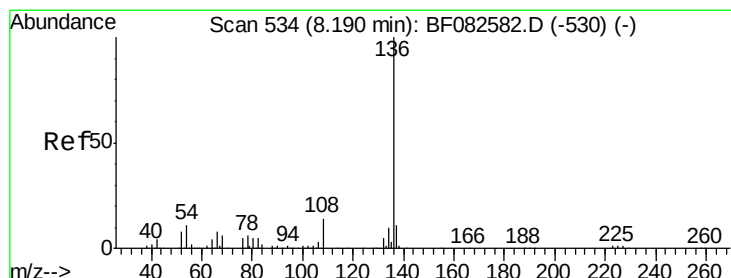
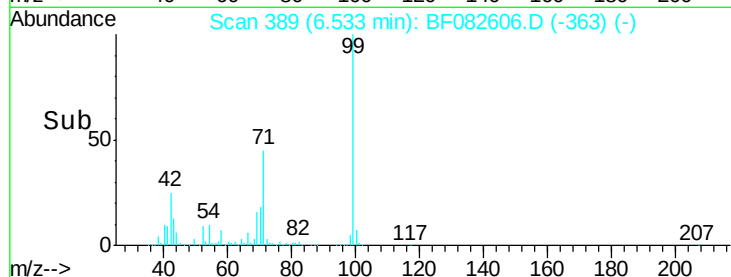
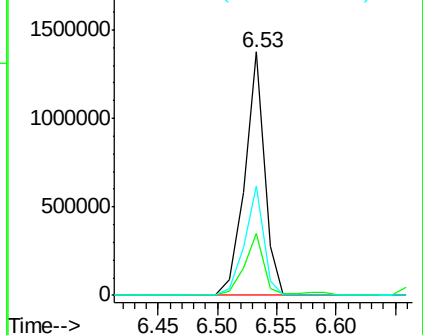
71 45.0 35.0 52.4



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. -0.00 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

Tgt Ion: 136 Resp: 750785

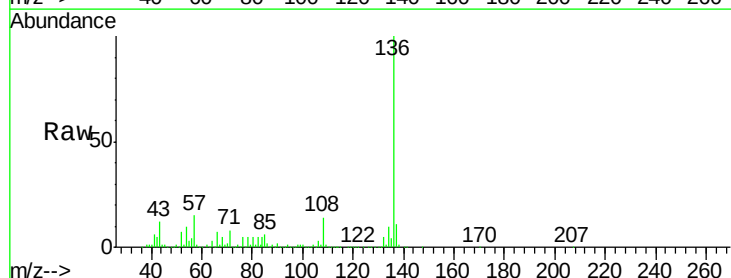
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.2 9.1 13.7

68 5.5 4.8 7.2

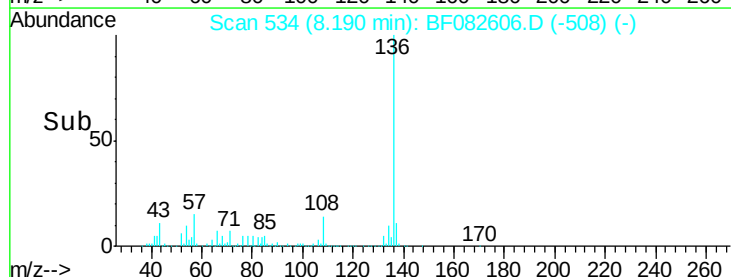
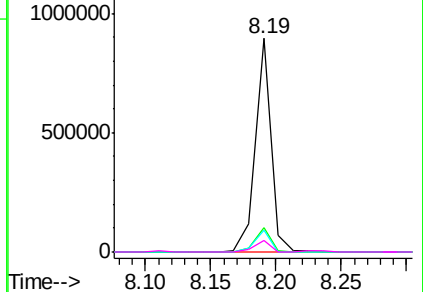


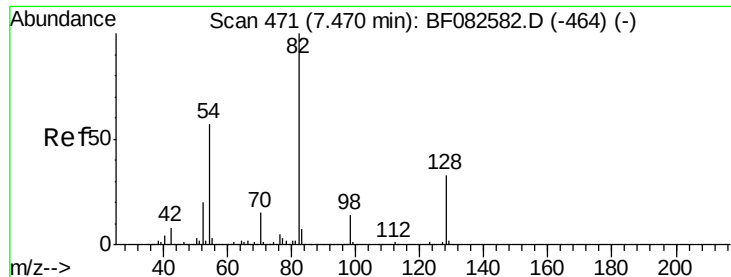
Abundance Ion 136.00 (135.70 to 136.70): E

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

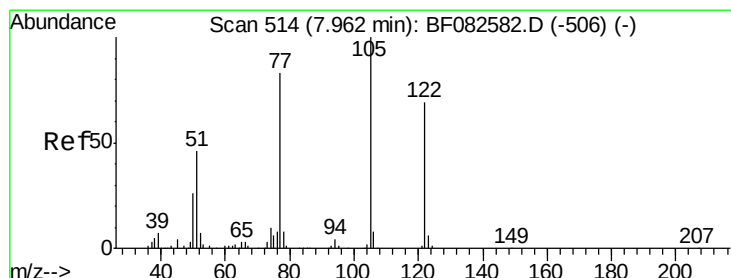
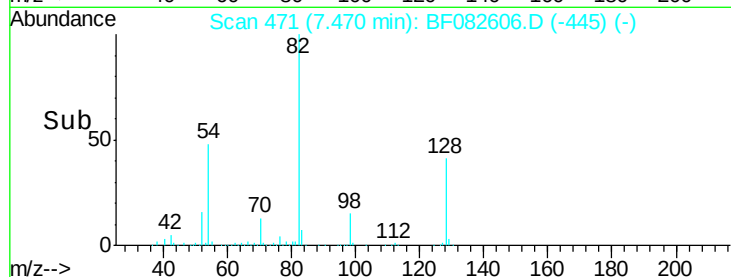
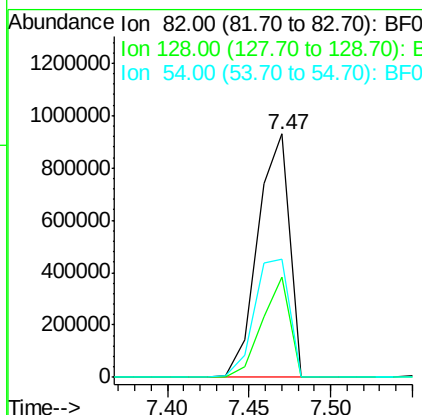
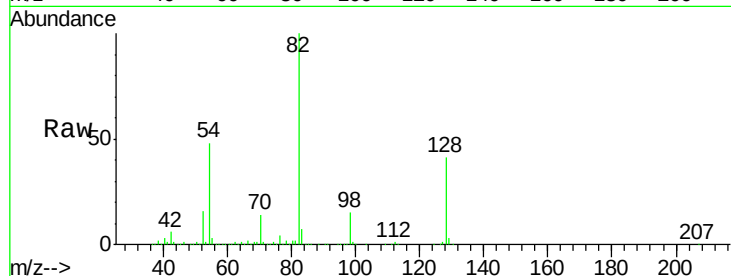




#23
 Nitrobenzene-d5
 Concen: 68.03 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082606.D
 Acq: 31 Oct 2015 7:50

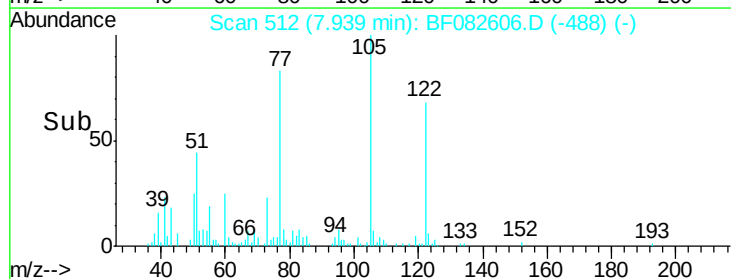
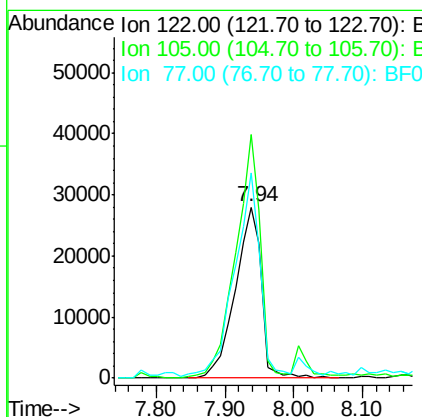
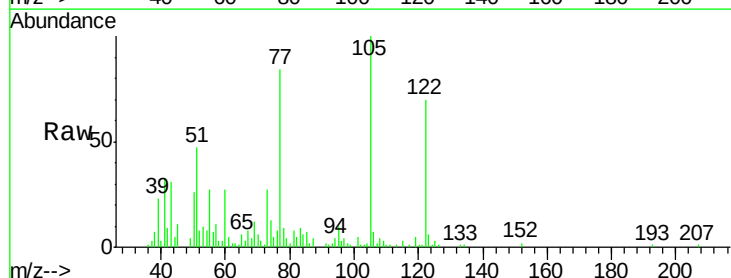
Instrument :
 BNA_F
 ClientSampleId :
 1510053722

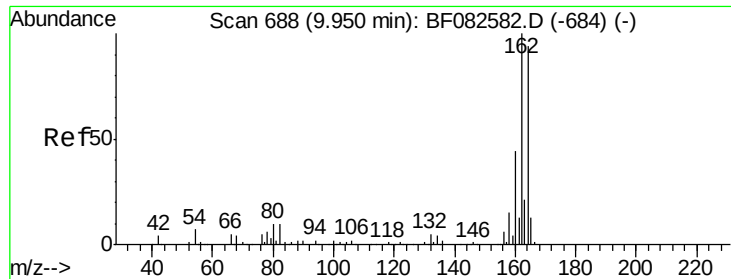
Tgt Ion: 82 Resp: 1250733
 Ion Ratio Lower Upper
 82 100
 128 40.9 26.8 40.2#
 54 48.3 45.7 68.5



#32
 Benzoic acid
 Concen: 7.65 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF082606.D
 Acq: 31 Oct 2015 7:50

Tgt Ion: 122 Resp: 73501
 Ion Ratio Lower Upper
 122 100
 105 142.6 122.6 162.6
 77 120.2 100.9 140.9

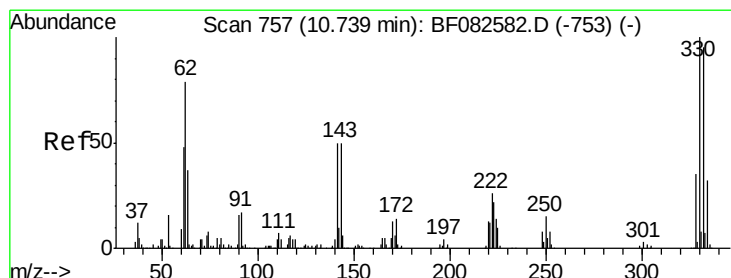
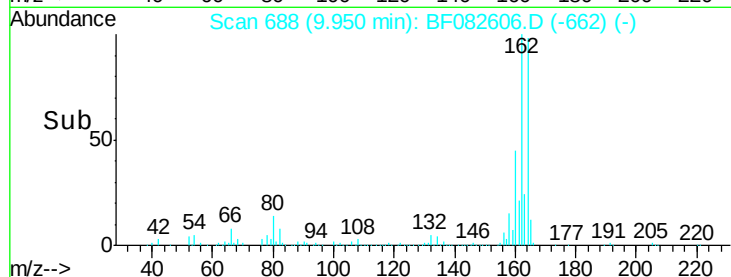
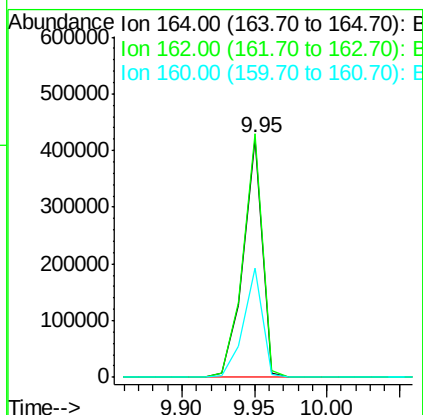
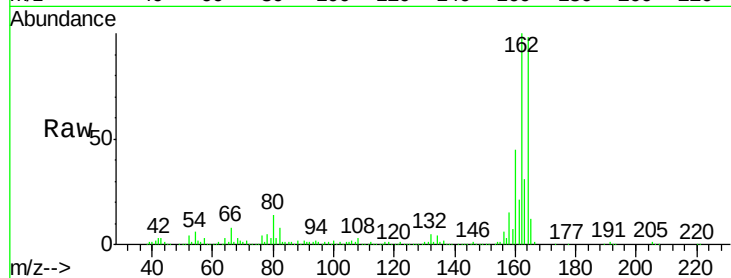




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082606.D
 Acq: 31 Oct 2015 7:50

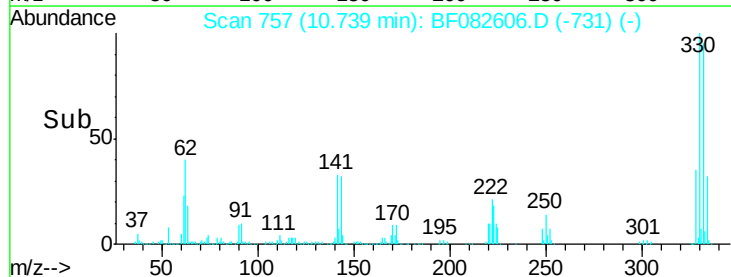
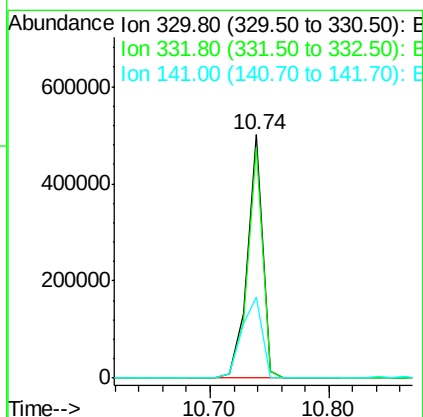
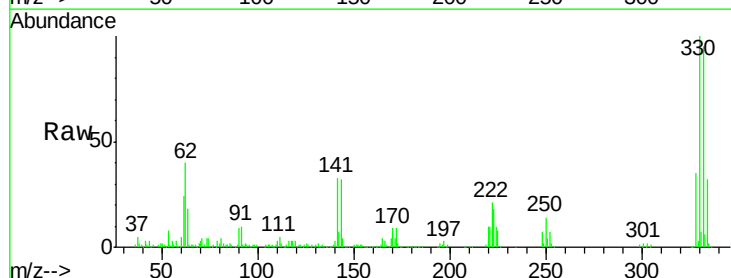
Instrument :
 BNA_F
 ClientSampleId :
 1510053722

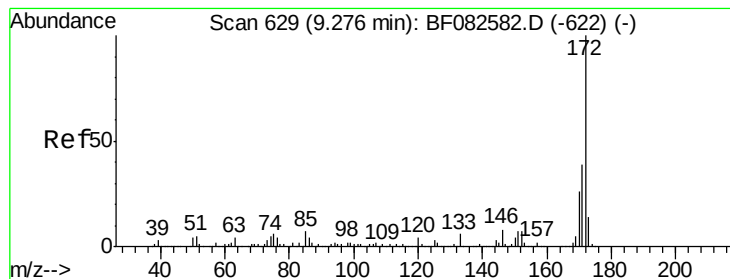
Tgt Ion:164 Resp: 386500
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.9 127.3
 160 45.6 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 106.62 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082606.D
 Acq: 31 Oct 2015 7:50

Tgt Ion:330 Resp: 450996
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 114.8
 141 44.2 41.2 61.8





#44

2-Fluorobiphenyl

Concen: 73.46 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

Instrument :

BNA_F

ClientSampled :

1510053722

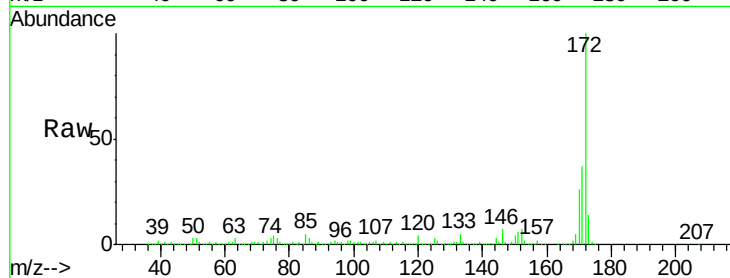
Tgt Ion:172 Resp: 1999845

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

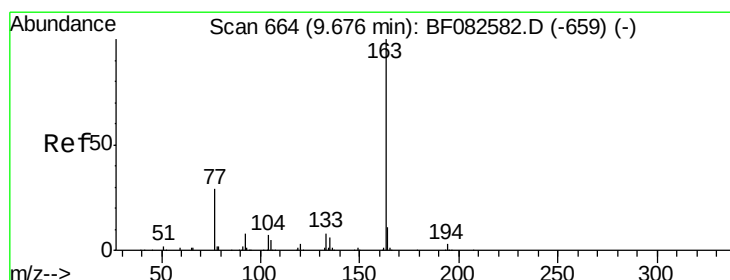
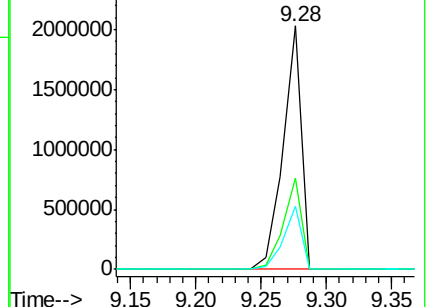
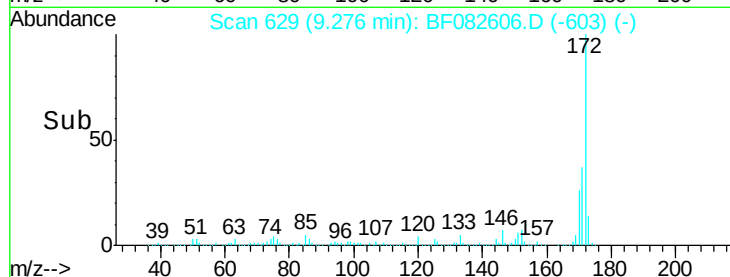
170 26.1 21.2 31.8



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: 5.43 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

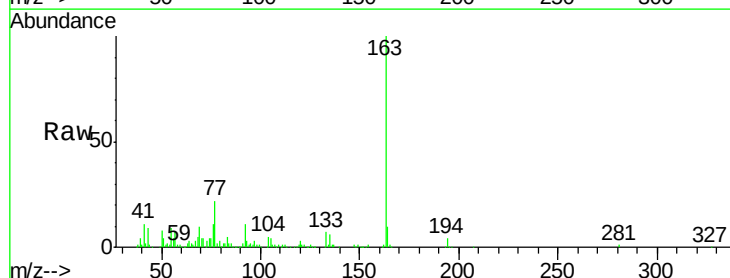
Tgt Ion:163 Resp: 171548

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

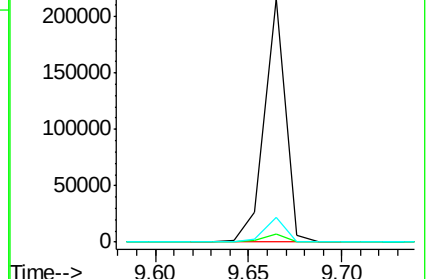
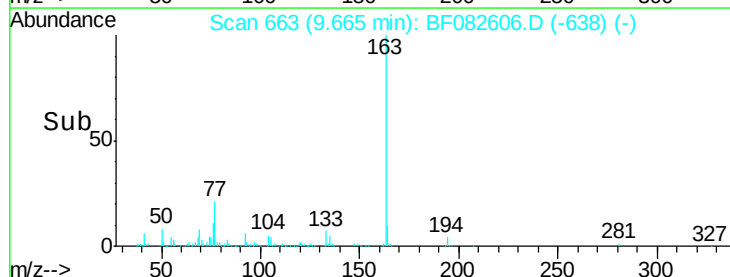
164 10.0 8.7 13.1

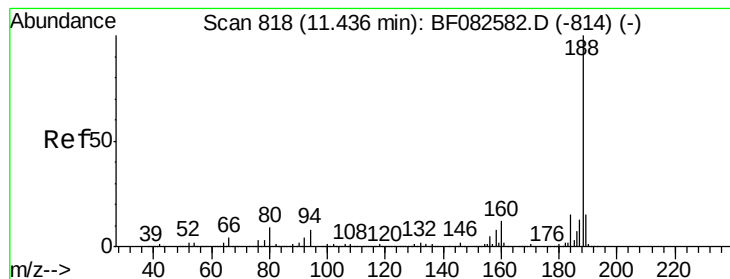


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

Instrument :

BNA_F

ClientSampleId :

1510053722

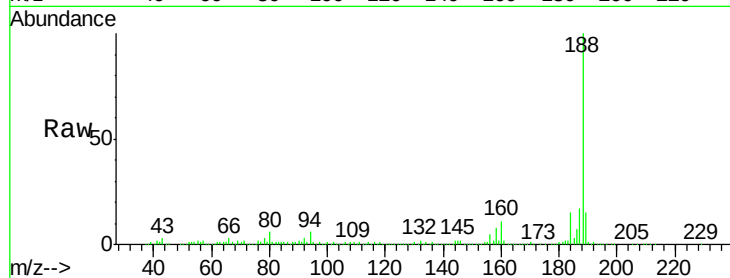
Tgt Ion:188 Resp: 679083

Ion Ratio Lower Upper

188 100

94 5.9 6.1 9.1#

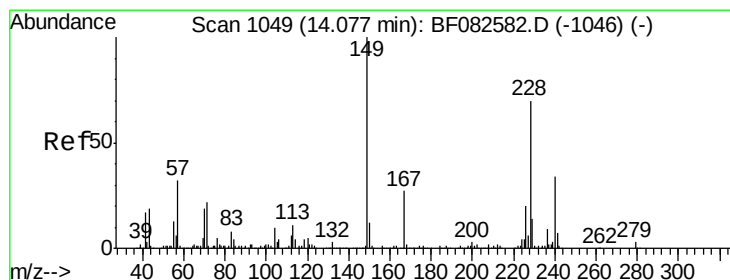
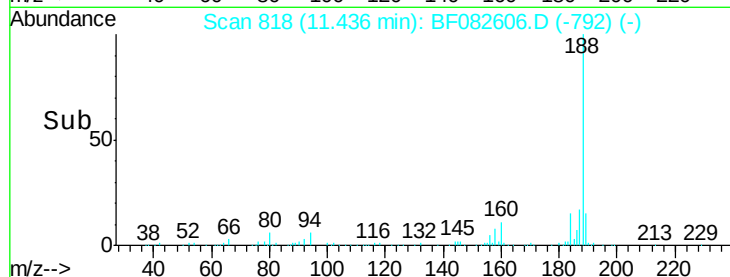
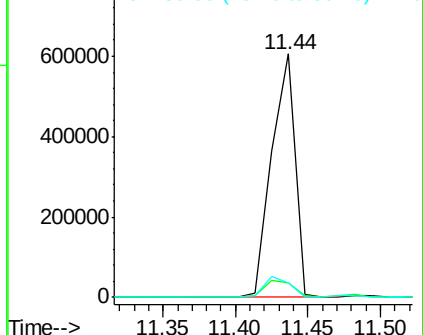
80 6.2 7.0 10.6#



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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

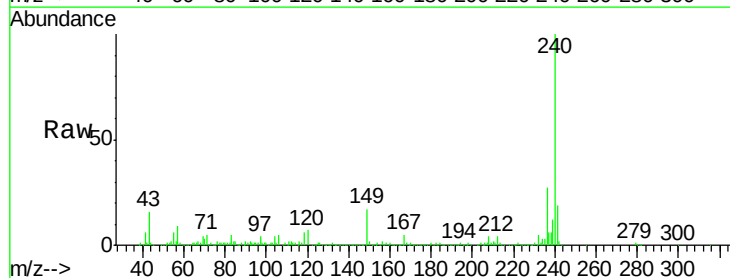
Tgt Ion:240 Resp: 500984

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

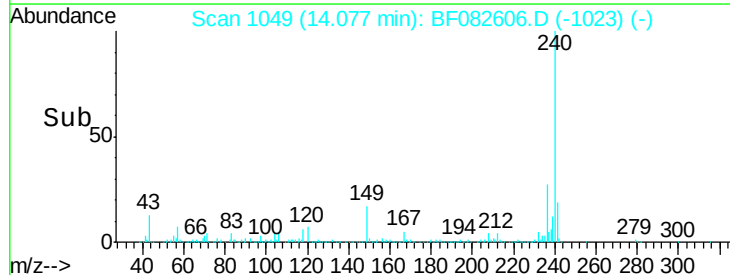
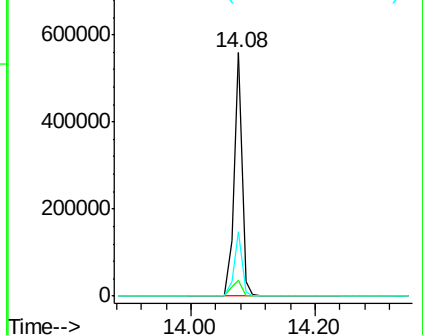
236 26.7 21.6 32.4

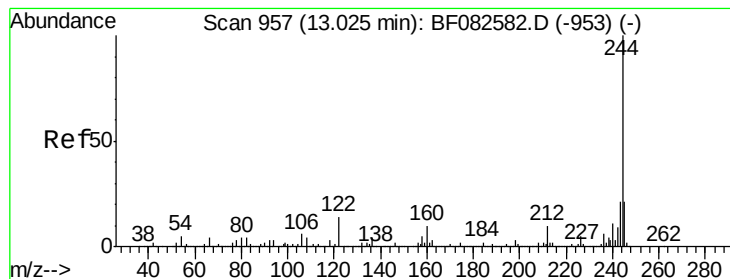


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.12 ng

RT: 13.04 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

Instrument :

BNA_F

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1510053722

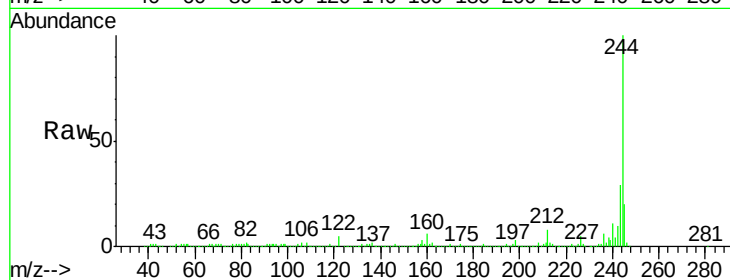
Tgt Ion:244 Resp: 1673887

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

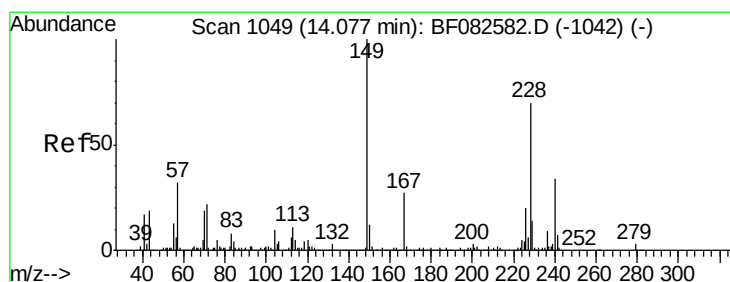
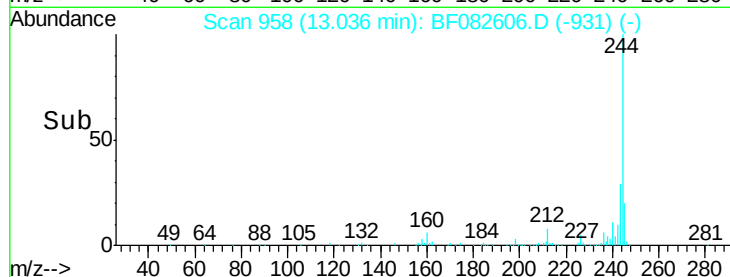
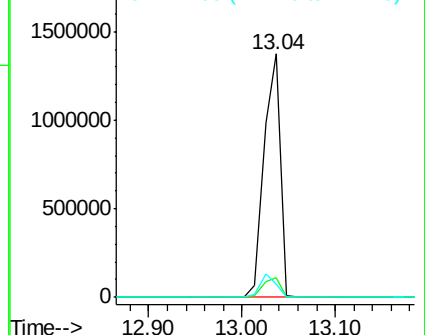
122 5.2 11.3 16.9#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.59 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082606.D

Acq: 31 Oct 2015 7:50

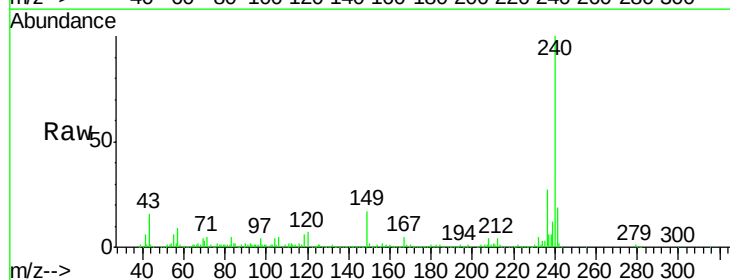
Tgt Ion:149 Resp: 96718

Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

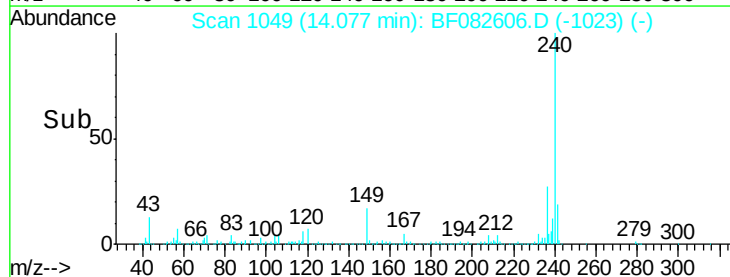
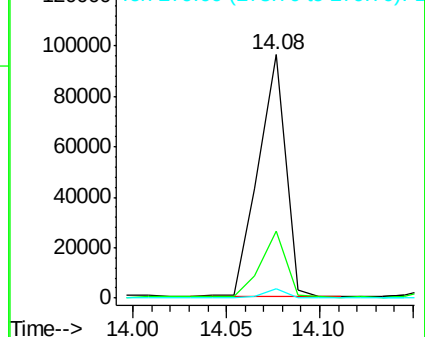
279 3.9 2.2 3.2#

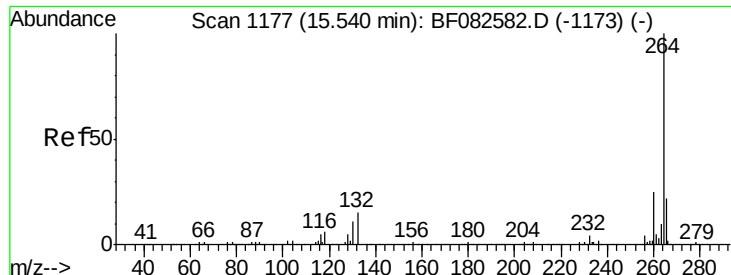


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

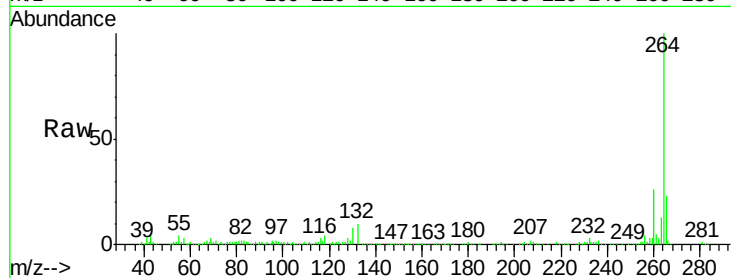




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082606.D
Acq: 31 Oct 2015 7:50

Instrument :
BNA_F
ClientSampleId :
1510053722

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.6
265	22.5	17.4	26.0



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

