

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080086.D
 Acq On : 20 Jun 2015 7:25
 Operator : TP/IZ
 Sample : G2683-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jun 22 01:05:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

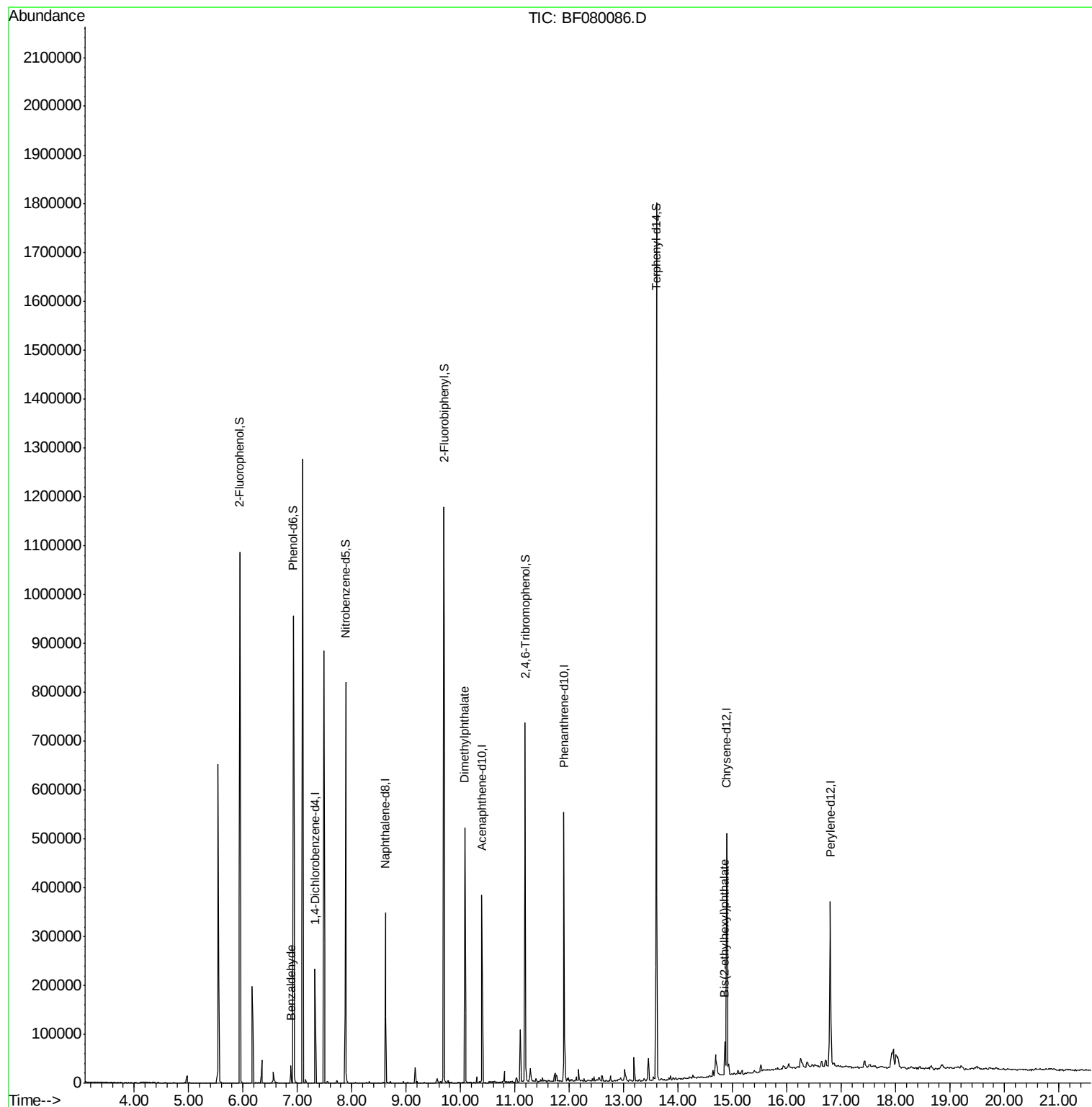
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39250	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	164885	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	85569	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	193036	20.00	ng	-0.01
75) Chrysene-d12	14.89	240	202804	20.00	ng	0.03
86) Perylene-d12	16.80	264	205444	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	295856	133.43	ng	0.00
7) Phenol-d6	6.93	99	361225	122.42	ng	-0.01
23) Nitrobenzene-d5	7.89	82	233705	82.51	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	108533	129.71	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	451389	75.23	ng	-0.01
78) Terphenyl-d14	13.60	244	577623	66.52	ng	0.01
Target Compounds						
9) Benzaldehyde	6.88	77	8607	5.05	ng	Qvalue 89
49) Dimethylphthalate	10.08	163	211084	32.81	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.86	149	19399	2.45	ng	# 95

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

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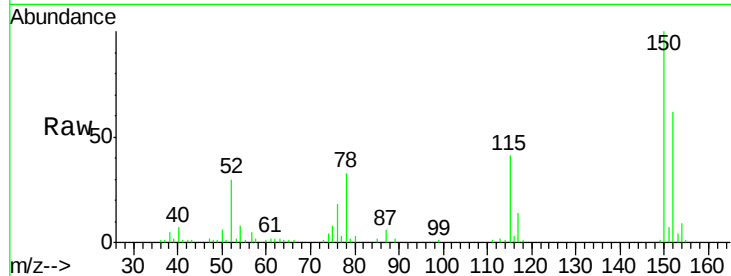


#1

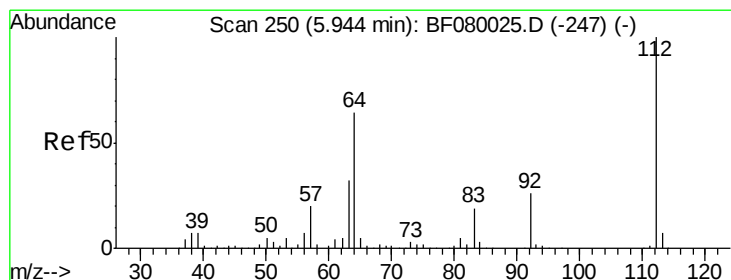
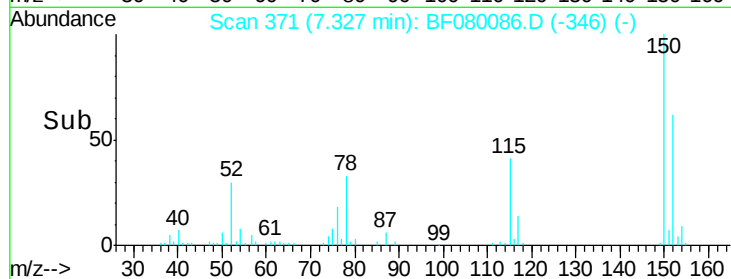
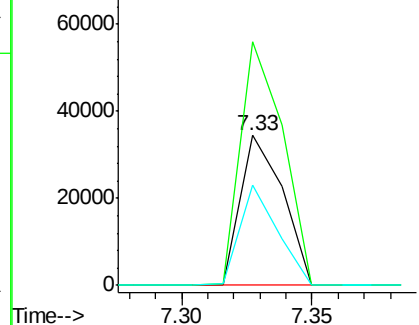
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:152 Resp: 39250
 Ion Ratio Lower Upper
 152 100
 150 162.5 124.7 187.1
 115 67.1 39.0 58.4#



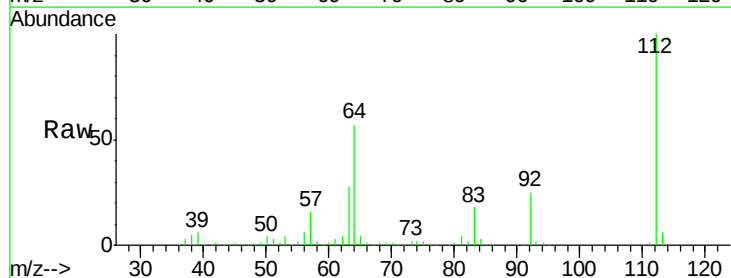
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



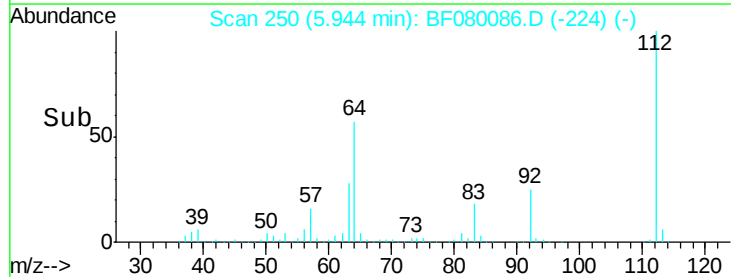
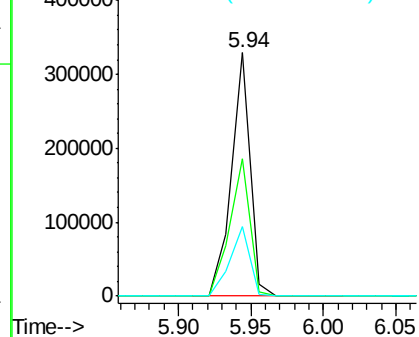
#5

2-Fluorophenol
 Concen: 133.43 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion:112 Resp: 295856
 Ion Ratio Lower Upper
 112 100
 64 56.6 39.7 59.5
 63 28.3 17.4 26.0#



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: 122.42 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

Instrument :

BNA_F

ClientSampleId :

PE-4

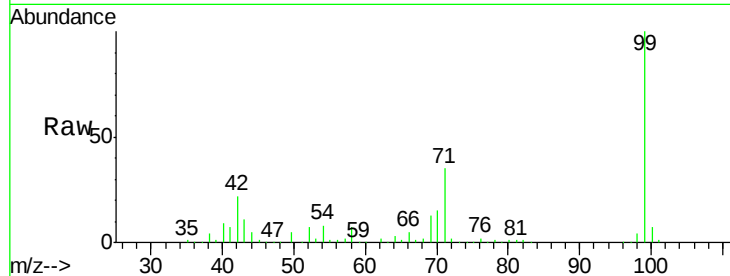
Tgt Ion: 99 Resp: 361225

Ion Ratio Lower Upper

99 100

42 22.0 13.7 20.5#

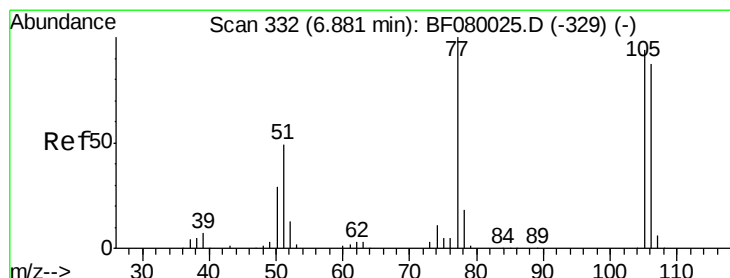
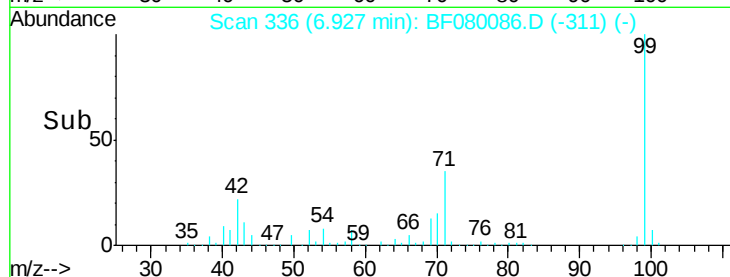
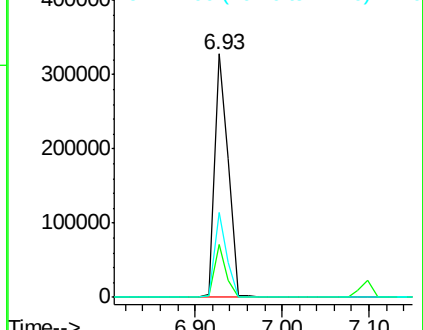
71 34.9 14.2 21.2#



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



#9

Benzaldehyde

Concen: 5.05 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080086.D

Acq: 20 Jun 2015 7:25

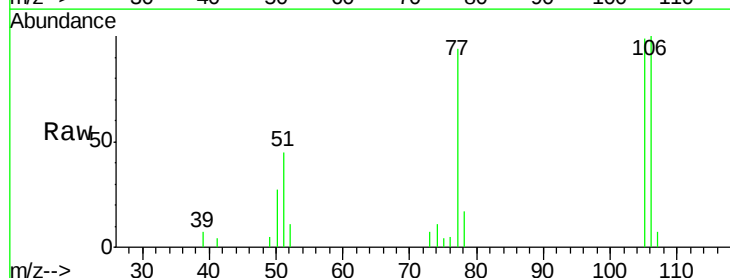
Tgt Ion: 77 Resp: 8607

Ion Ratio Lower Upper

77 100

105 104.6 91.6 131.6

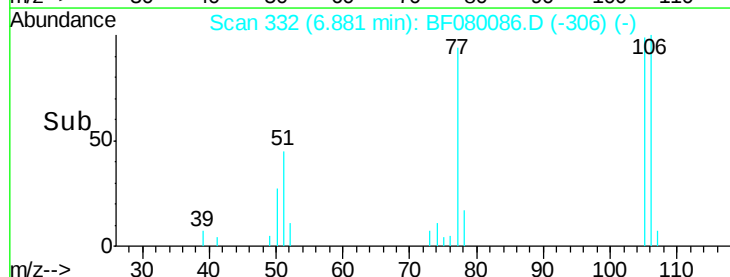
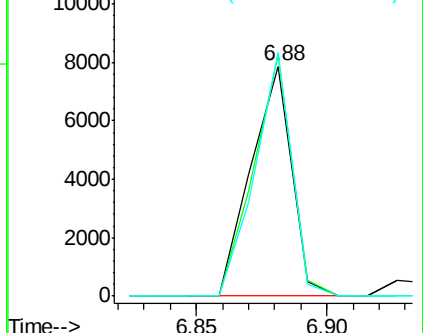
106 105.8 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

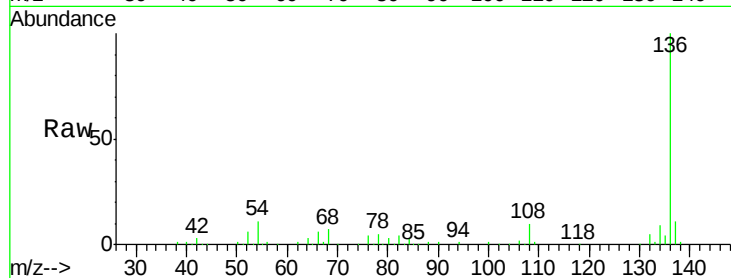




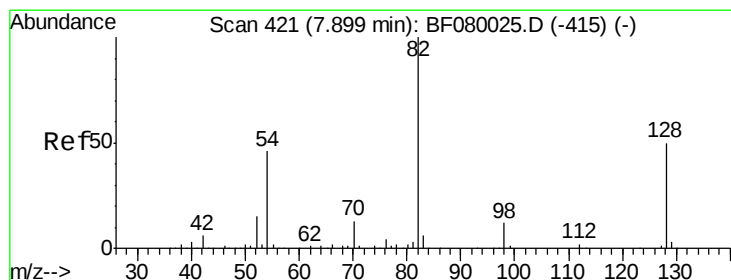
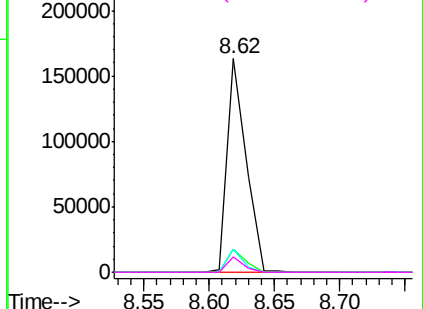
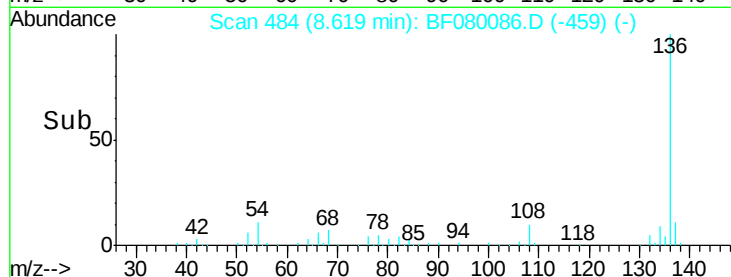
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

Instrument :
BNA_F
ClientSampled :
PE-4

Tgt Ion:	136	Resp:	164885
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.7	8.2	12.2
68	7.4	5.8	8.6

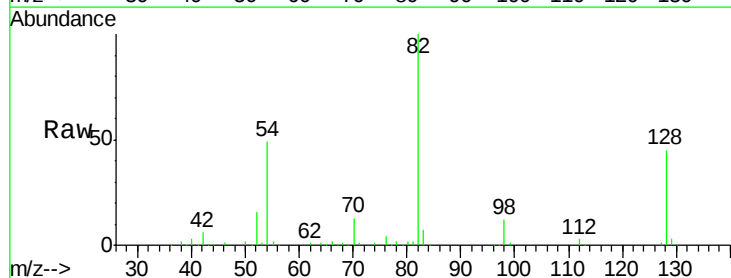


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

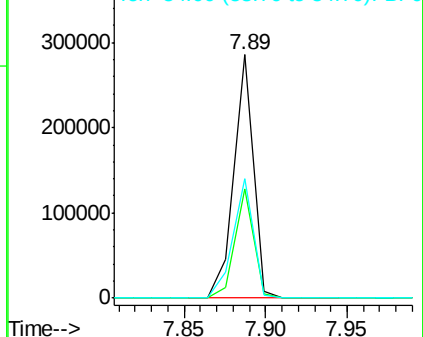
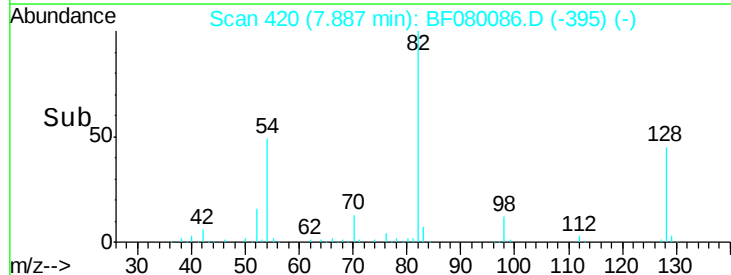


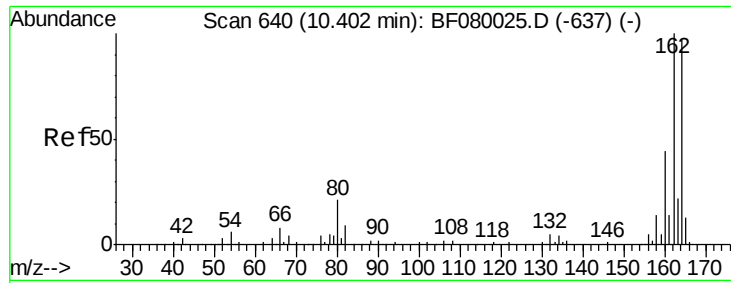
#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

Tgt Ion:	82	Resp:	233705
Ion	Ratio	Lower	Upper
82	100		
128	45.1	51.0	76.6#
54	49.2	47.5	71.3



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

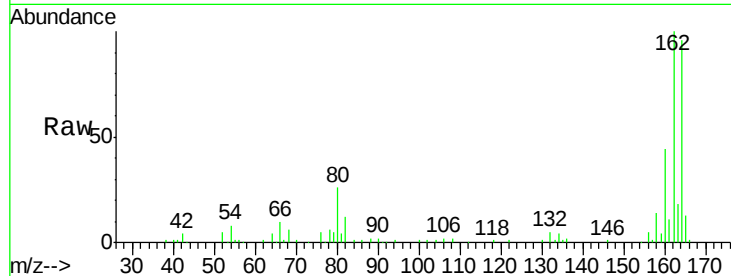




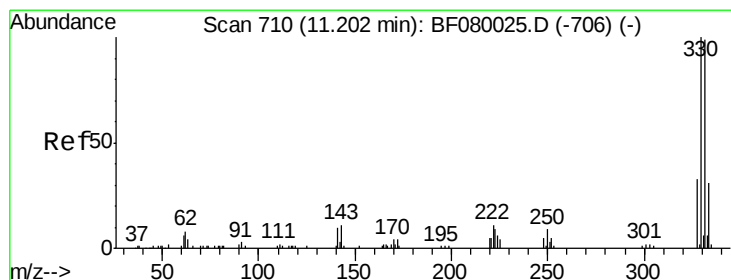
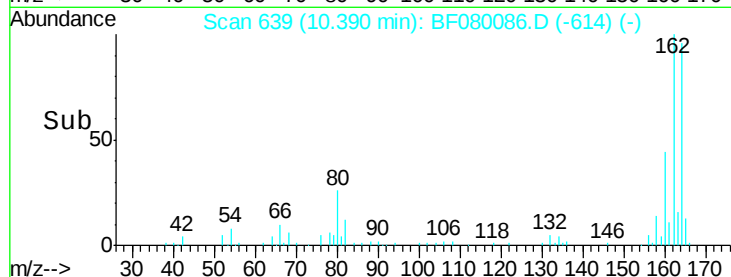
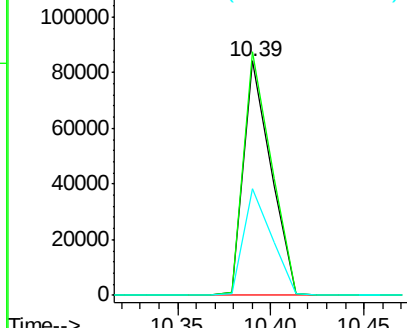
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:164 Resp: 85569
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 45.3 31.5 47.3

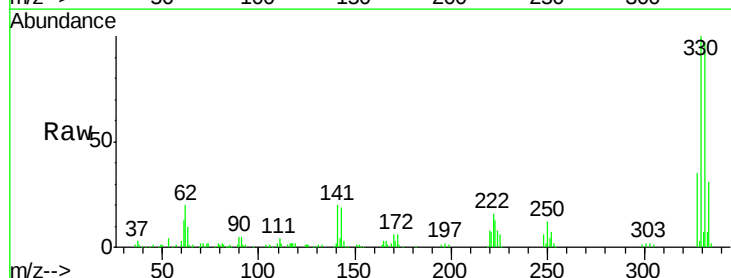


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

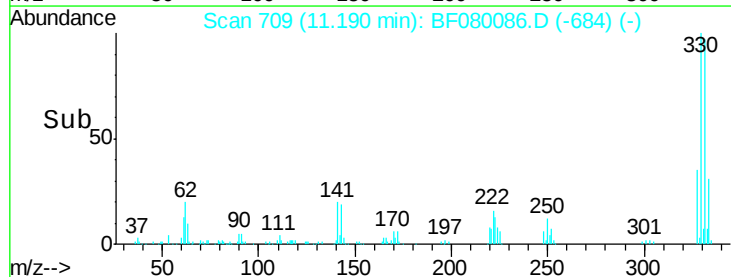
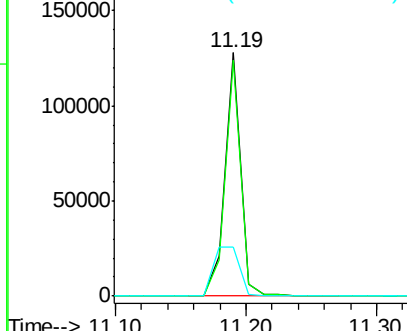


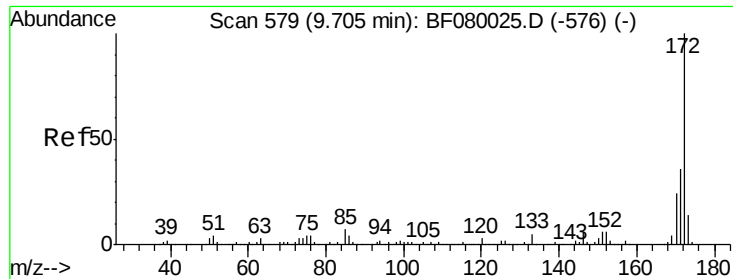
#41
 2,4,6-Tribromophenol
 Concen: 129.71 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion:330 Resp: 108533
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 33.7 29.7 44.5



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

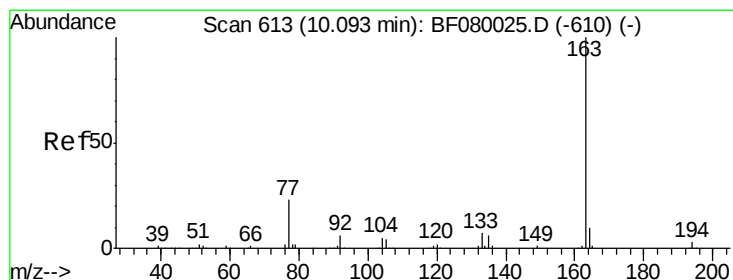
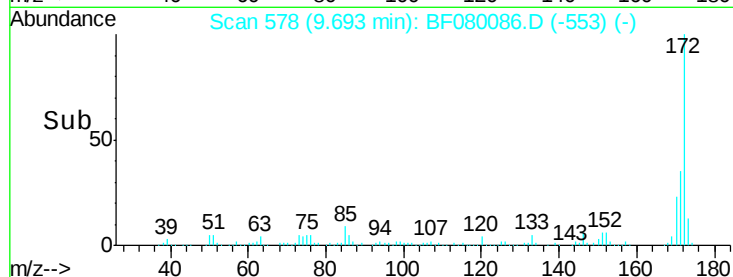
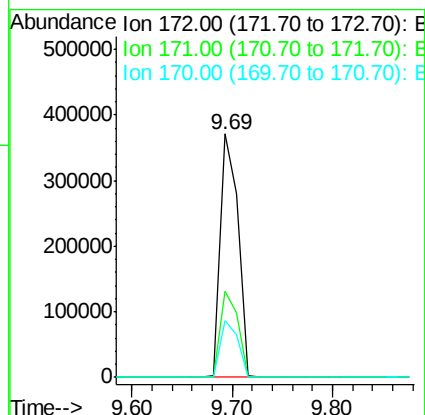
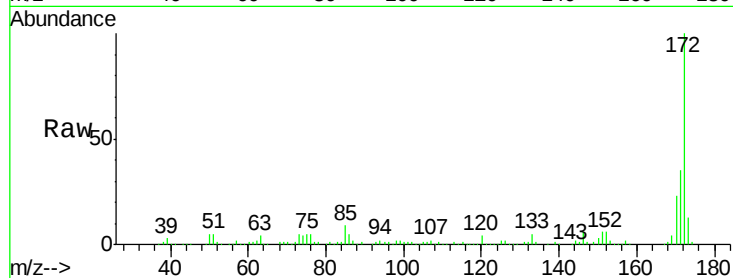




#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

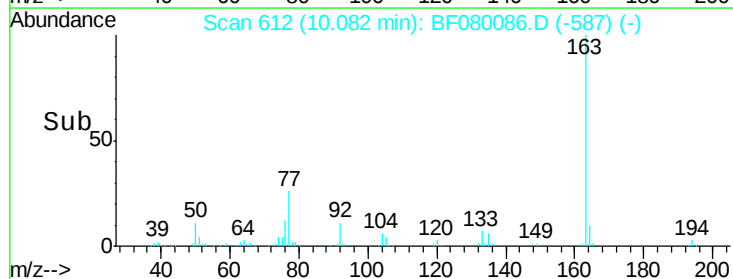
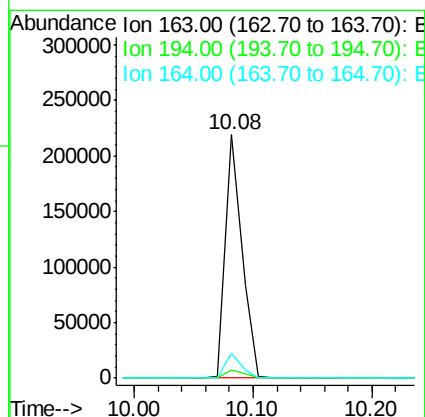
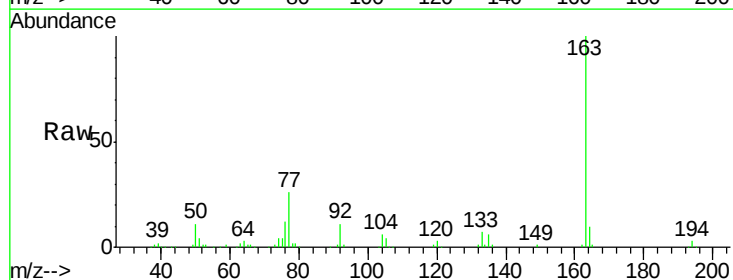
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

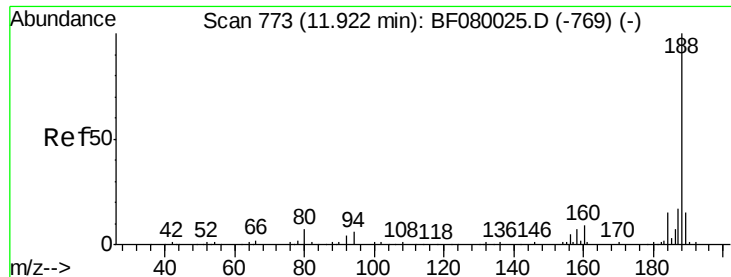
Tgt Ion:172 Resp: 451389
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 32.81 ng
 RT: 10.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion:163 Resp: 211084
 Ion Ratio Lower Upper
 163 100
 194 3.1 4.4 6.6#
 164 10.2 8.3 12.5

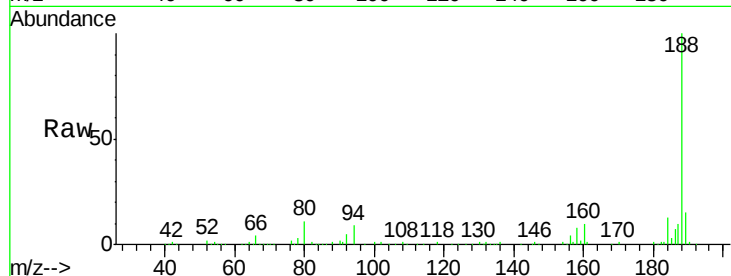




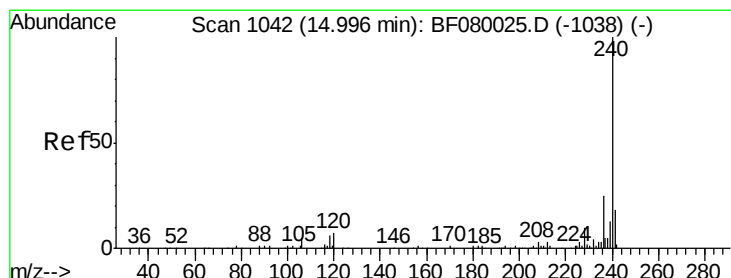
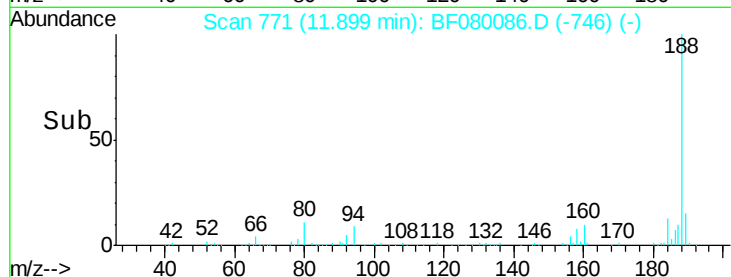
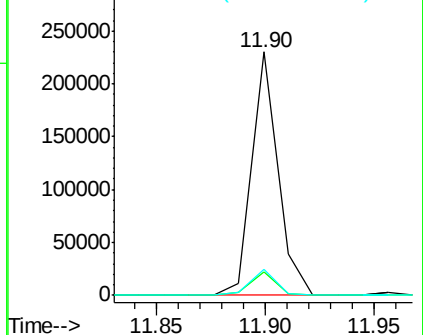
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	11.1	16.7#
80	10.7	11.0	16.4#

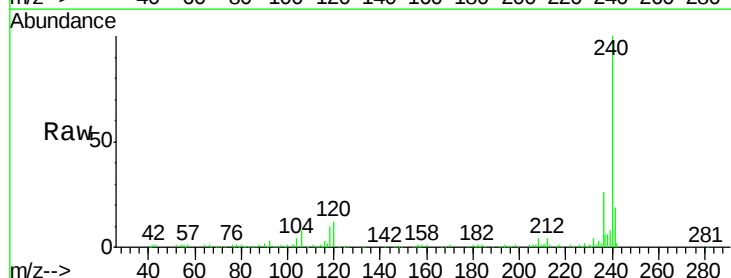


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

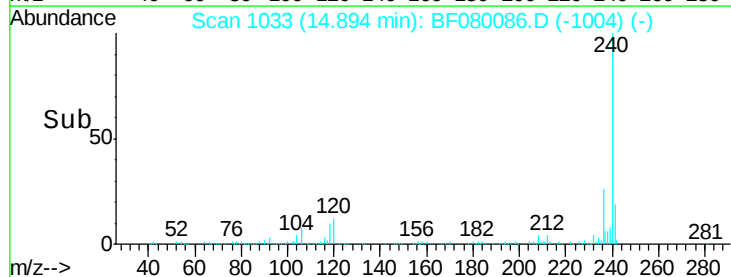
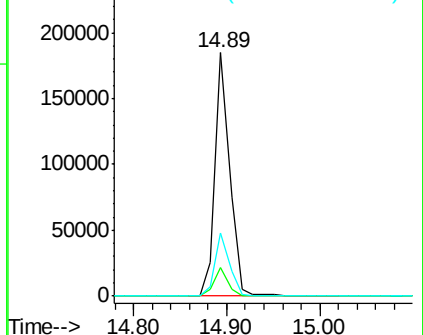


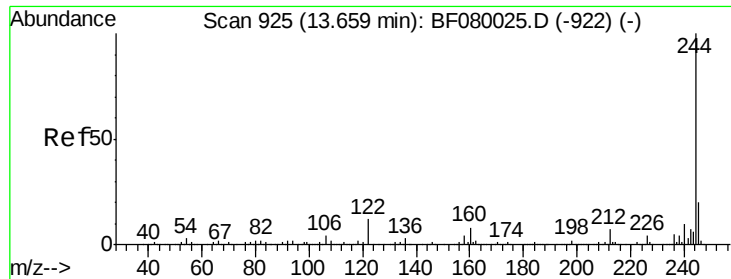
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 1033
Delta R.T. 0.03 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	16.2	24.2#
236	25.9	18.4	27.6



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

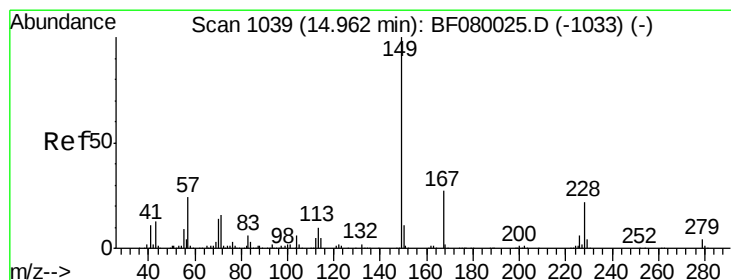
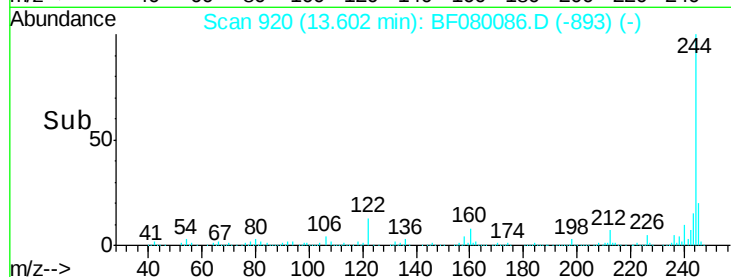
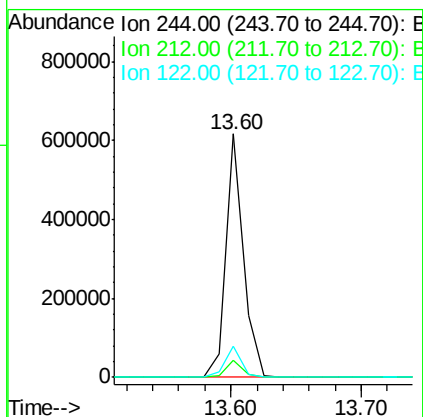
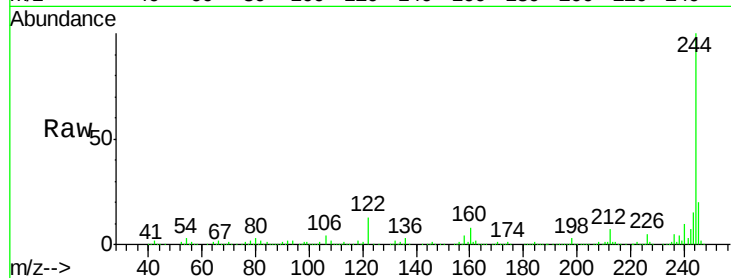




#78
 Terphenyl-d14
 Concen: 66.52 ng
 RT: 13.60 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

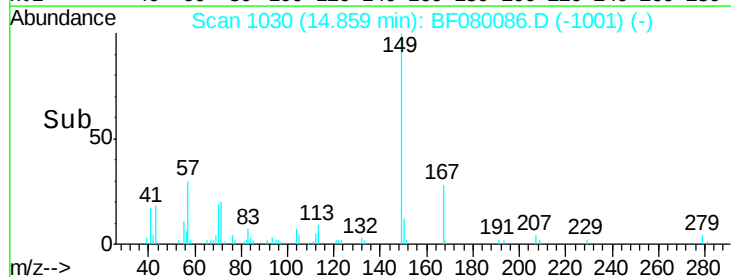
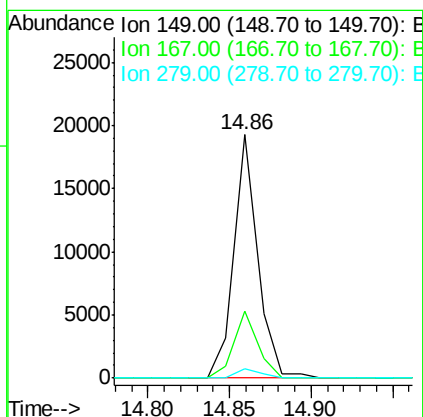
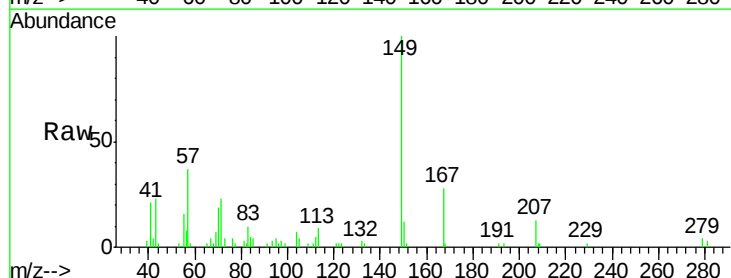
Instrument :
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 PE-4

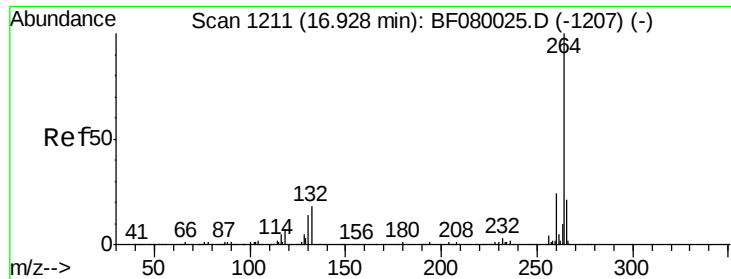
Tgt Ion:244 Resp: 577623
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 12.8 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.45 ng
 RT: 14.86 min Scan# 1030
 Delta R.T. 0.03 min
 Lab File: BF080086.D
 Acq: 20 Jun 2015 7:25

Tgt Ion:149 Resp: 19399
 Ion Ratio Lower Upper
 149 100
 167 27.6 24.2 36.2
 279 3.7 3.8 5.6#

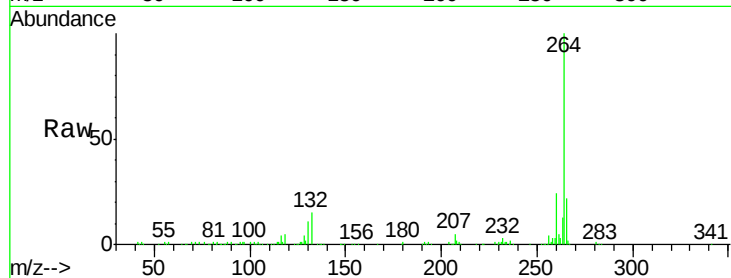




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1200
Delta R.T. 0.06 min
Lab File: BF080086.D
Acq: 20 Jun 2015 7:25

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion: 264 Resp: 205444
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 22.2 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

