

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078873.D
 Acq On : 1 May 2015 3:29
 Operator : TP/IZ
 Sample : G2044-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-58D

Quant Time: May 01 04:27:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

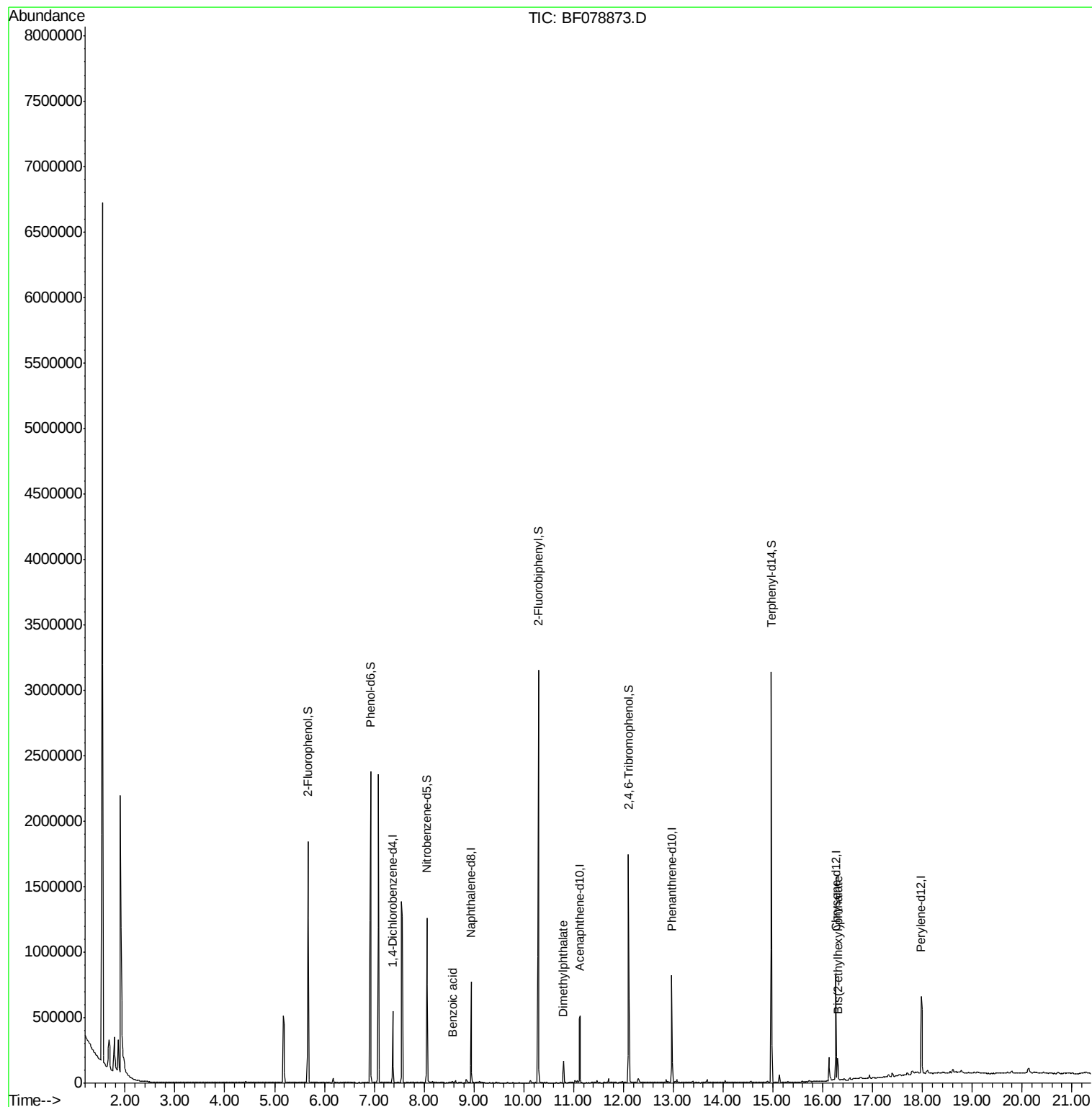
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	79299	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	329619	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	150287	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	292465	20.00	ng	0.00
75) Chrysene-d12	16.26	240	299110	20.00	ng	-0.01
86) Perylene-d12	17.98	264	319212	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	669625	145.36	ng	0.00
7) Phenol-d6	6.92	99	943983	155.02	ng	0.01
23) Nitrobenzene-d5	8.06	82	485964	84.73	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	231123	142.16	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	983249	91.15	ng	0.00
78) Terphenyl-d14	14.97	244	1058916	84.76	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.57	122	2129	6.94	ng	92
49) Dimethylphthalate	10.80	163	70552	6.40	ng	99
83) Bis(2-ethylhexyl)phthalate	16.30	149	52139	4.57	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: 7.37 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078873.D

Acq: 1 May 2015 3:29

Instrument :

BNA_F

ClientSampleId :

SB-58D

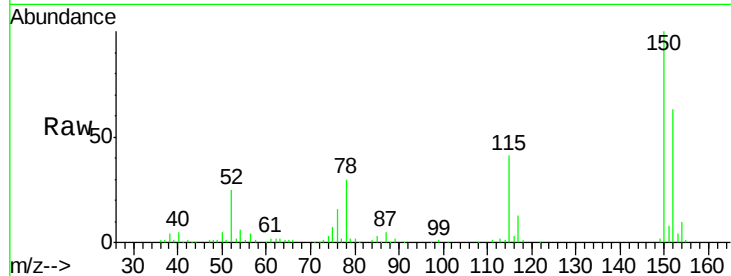
Tot Ion:152 Resp: 79299

Ion Ratio Lower Upper

152 100

150 159.5 122.0 183.0

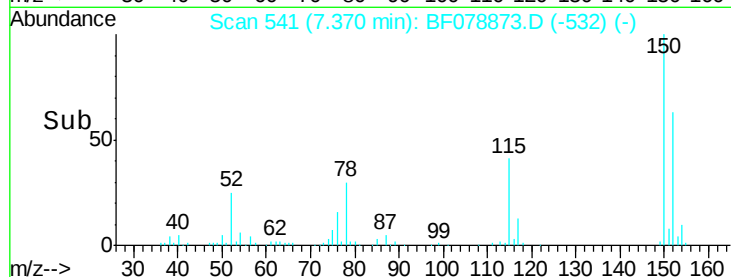
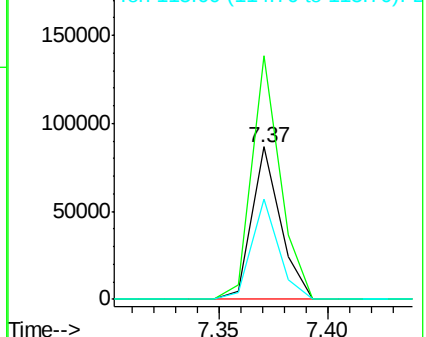
115 65.5 46.3 69.5



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: 145.36 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078873.D

Acq: 1 May 2015 3:29

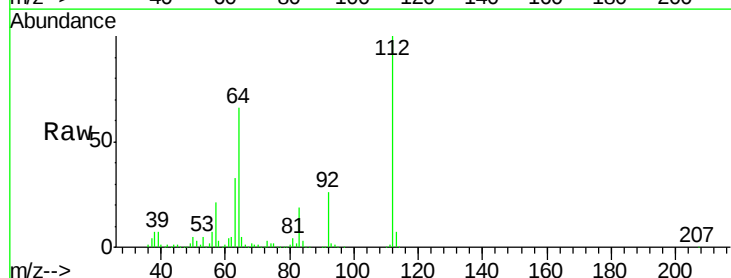
Tgt Ion:112 Resp: 669625

Ion Ratio Lower Upper

112 100

64 66.3 53.5 80.3

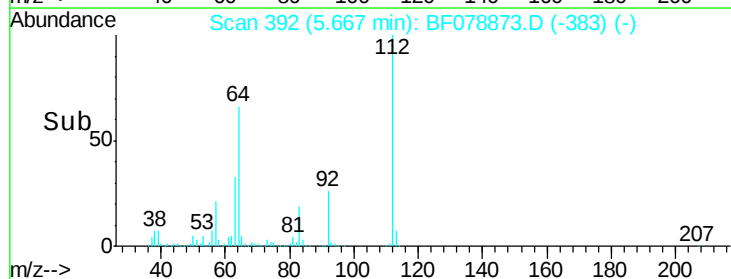
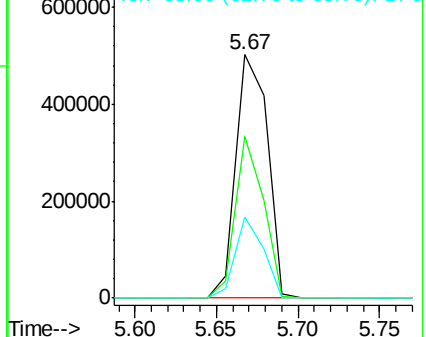
63 33.2 27.5 41.3

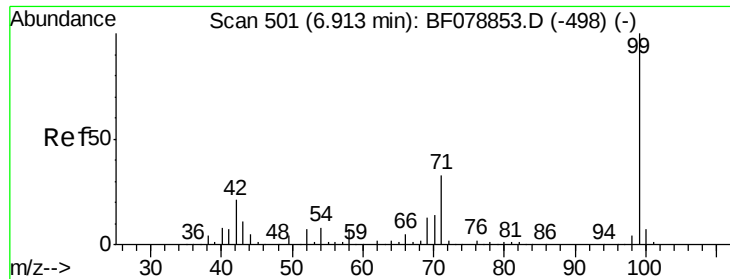


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.02 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078873.D

Acq: 1 May 2015 3:29

Instrument :

BNA_F

ClientSampleId :

SB-58D

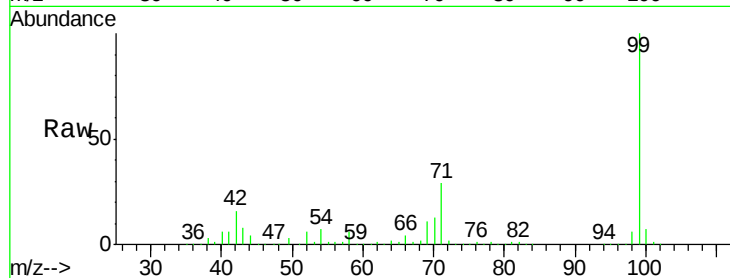
Tot Ion: 99 Resp: 943983

Ion Ratio Lower Upper

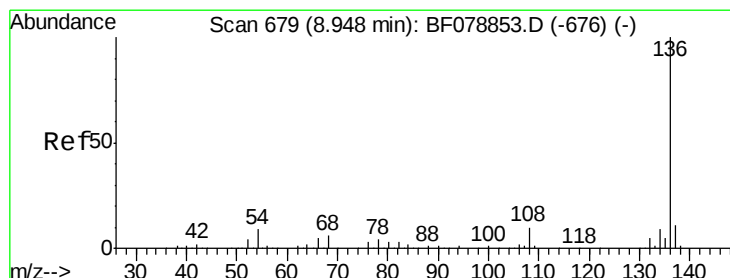
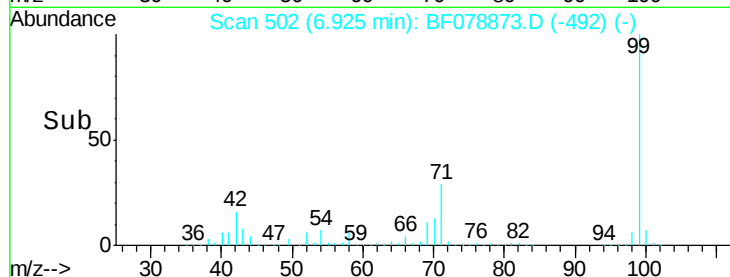
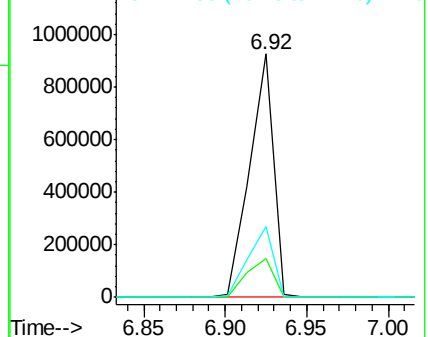
99 100

42 15.9 12.8 19.2

71 29.1 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078873.D

Acq: 1 May 2015 3:29

Tgt Ion: 136 Resp: 329619

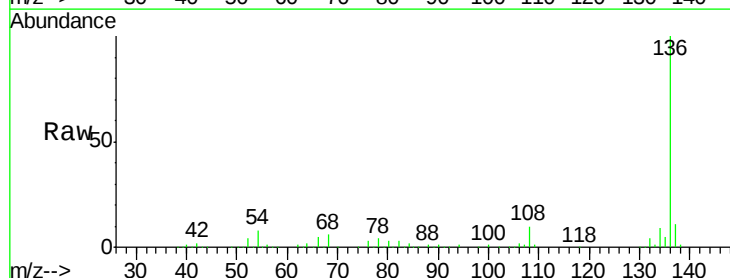
Ion Ratio Lower Upper

136 100

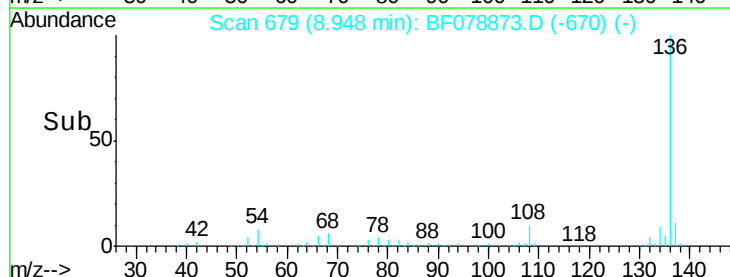
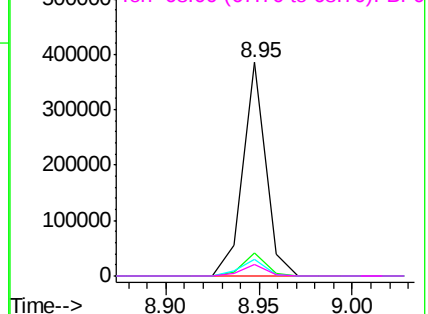
137 10.8 8.7 13.1

54 7.8 5.8 8.8

68 5.6 4.2 6.4



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

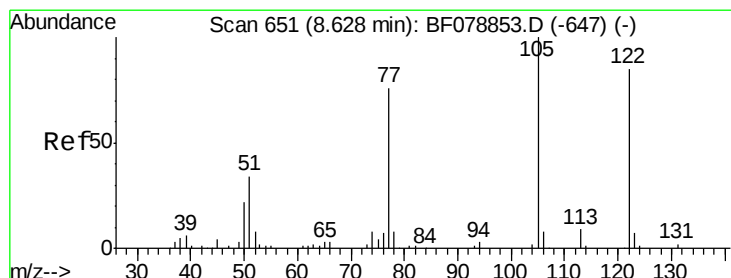
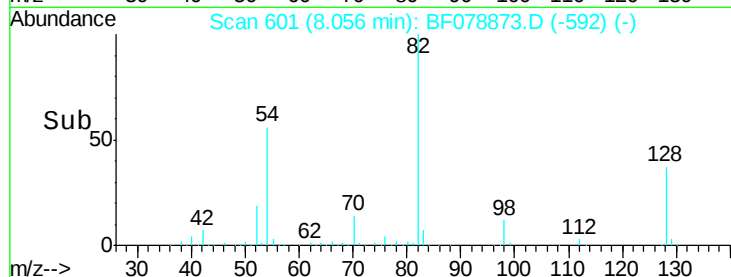
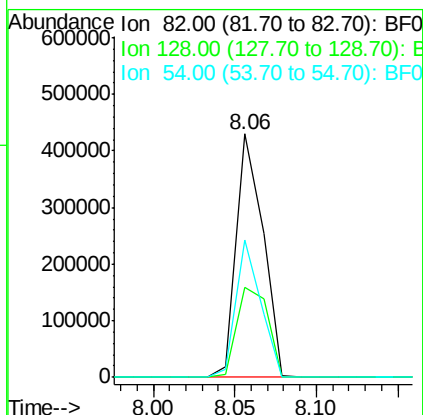
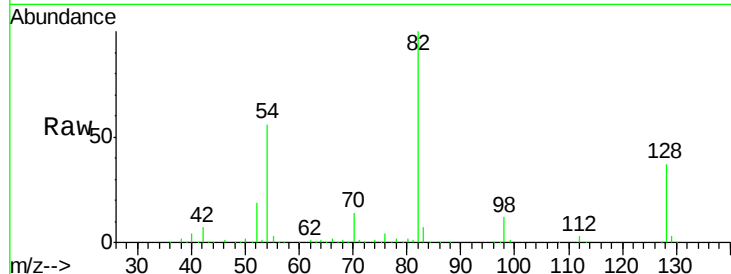




#23
 Nitrobenzene-d5
 Concen: 84.73 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078873.D
 Acq: 1 May 2015 3:29

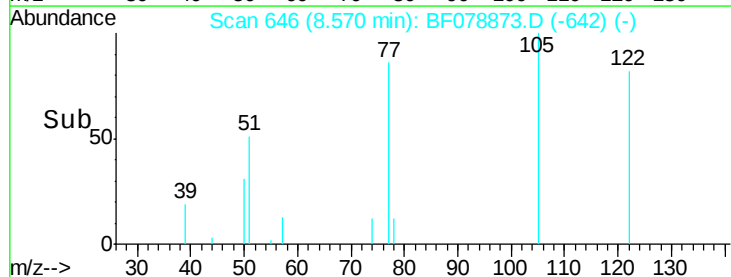
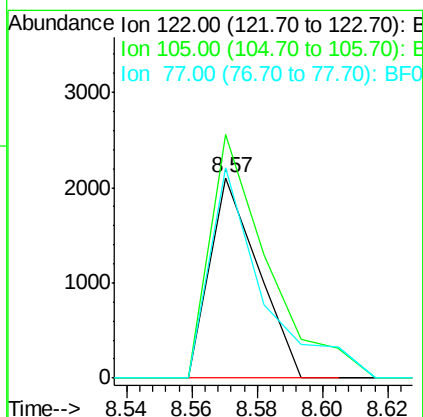
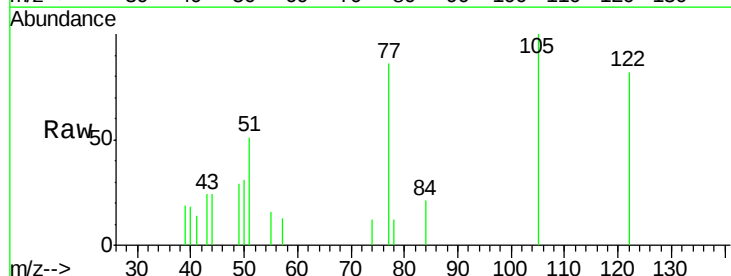
Instrument :
 BNA_F
 ClientSampleId :
 SB-58D

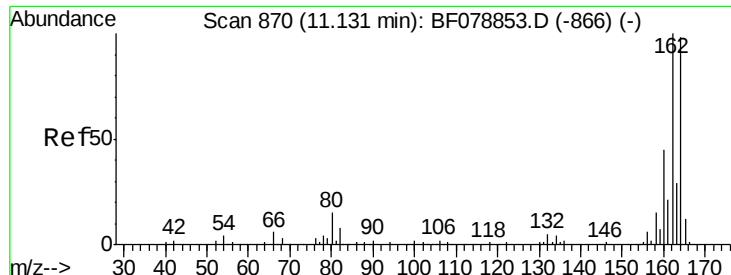
Tot Ion	82	Resp	485964
Ion Ratio	100	Lower	Upper
128	36.9	30.0	45.0
54	56.3	46.4	69.6



#32
 Benzoic acid
 Concen: 6.94 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: BF078873.D
 Acq: 1 May 2015 3:29

Tgt Ion	122	Resp	2129
Ion Ratio	100	Lower	Upper
105	121.6	107.1	147.1
77	105.0	73.9	113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF078873.D

Acq: 1 May 2015 3:29

Instrument :

BNA_F

ClientSampleId :

SB-58D

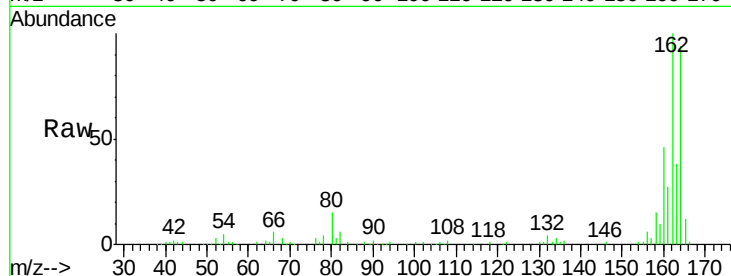
Tot Ion:164 Resp: 150287

Ion Ratio Lower Upper

164 100

162 105.8 82.7 124.1

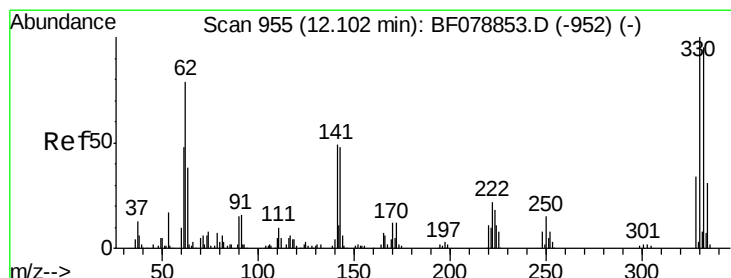
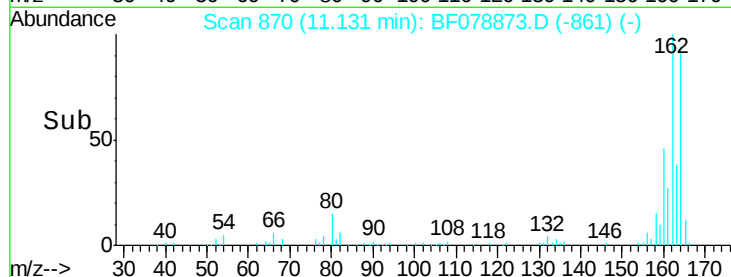
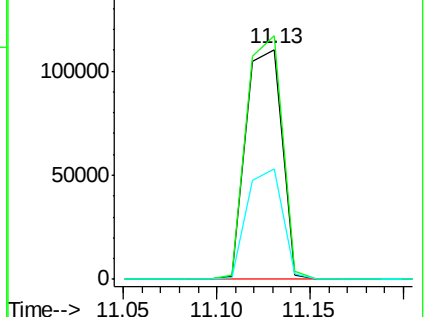
160 48.2 35.8 53.8



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: 142.16 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078873.D

Acq: 1 May 2015 3:29

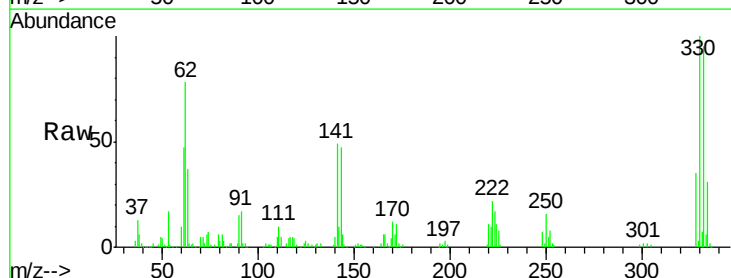
Tgt Ion:330 Resp: 231123

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

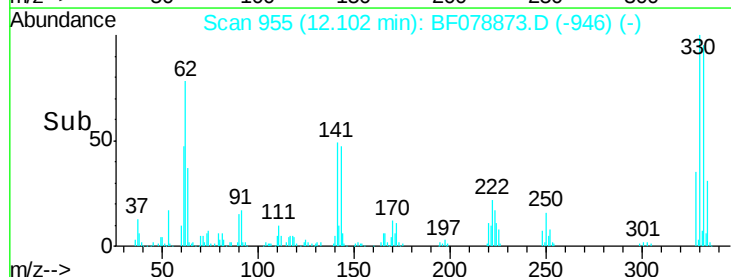
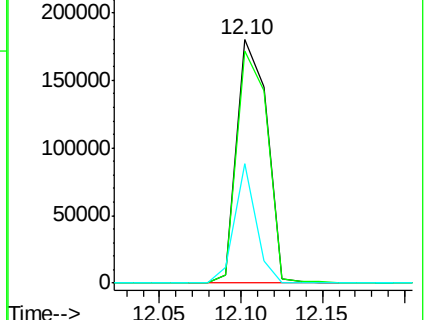
141 34.9 0.0 0.0#



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

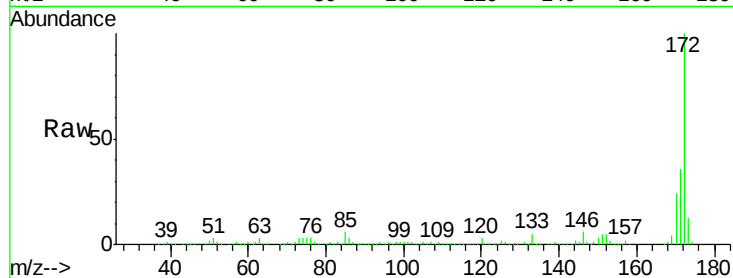




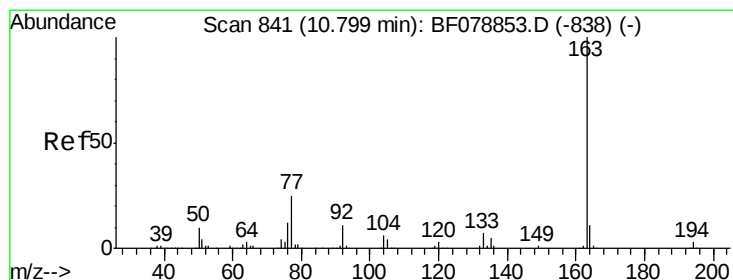
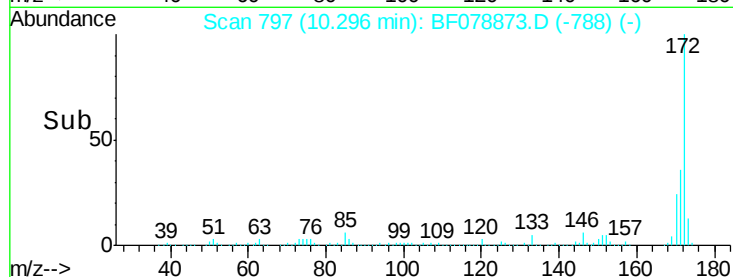
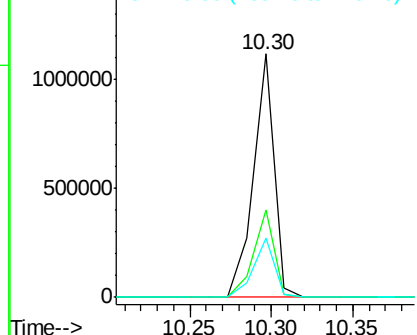
#44
2-Fluorobiphenyl
Concen: 91.15 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078873.D
Acq: 1 May 2015 3:29

Instrument :
BNA_F
ClientSampled :
SB-58D

Tot Ion:172 Resp: 983249
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 24.3 19.4 29.0

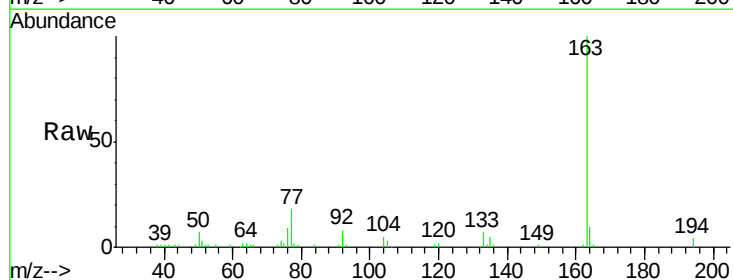


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

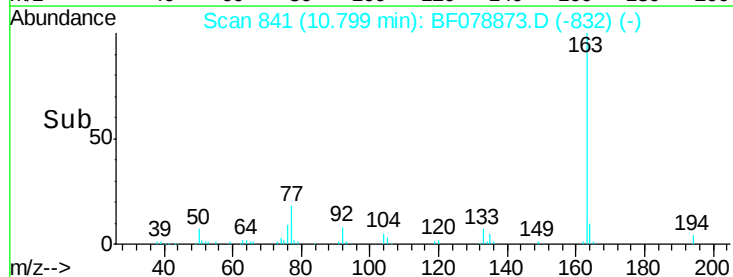
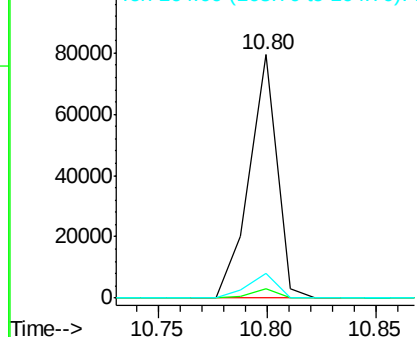


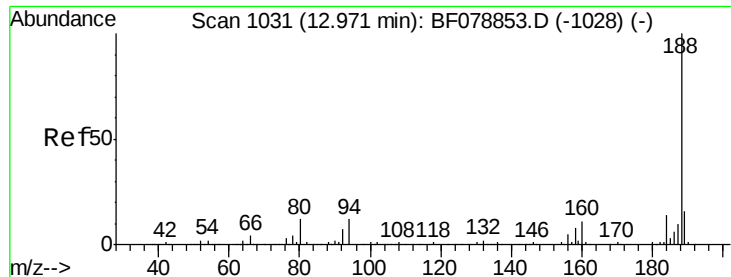
#49
Dimethylphthalate
Concen: 6.40 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078873.D
Acq: 1 May 2015 3:29

Tgt Ion:163 Resp: 70552
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.4 8.1 12.1



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

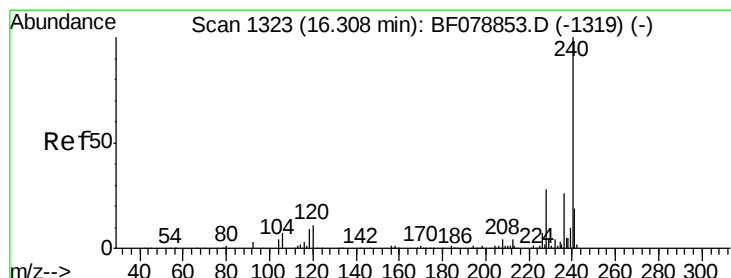
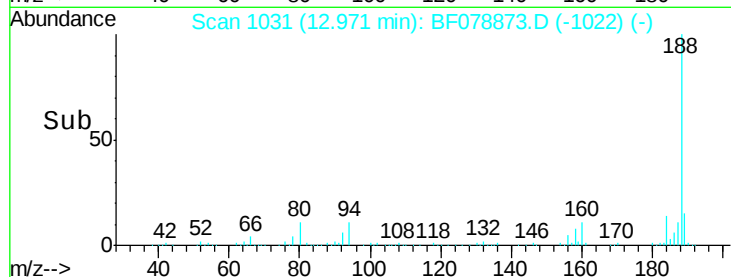
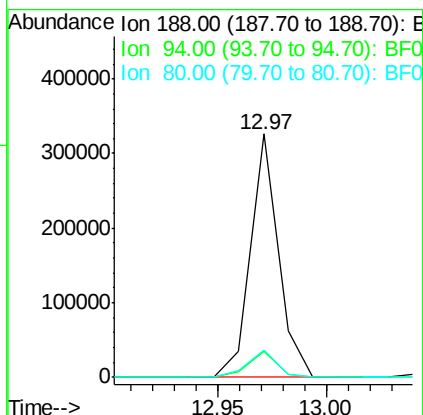
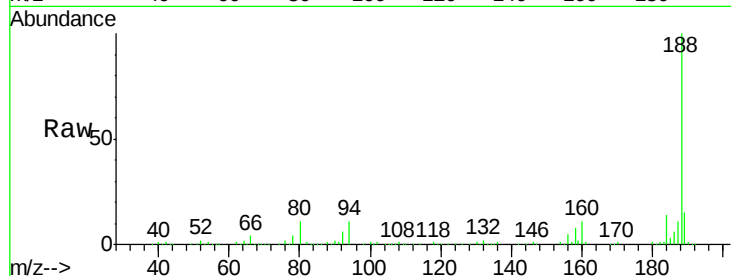




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078873.D
Acq: 1 May 2015 3:29

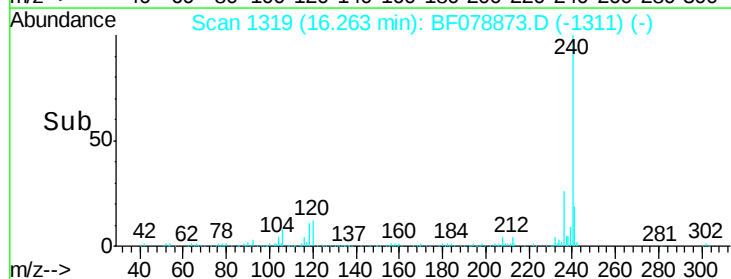
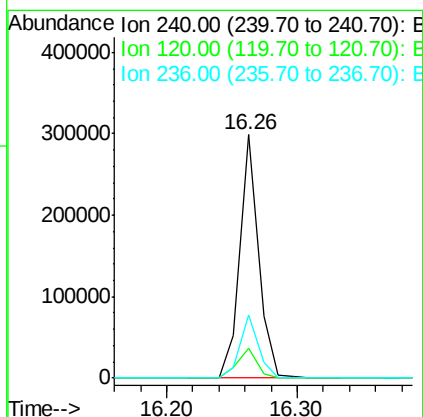
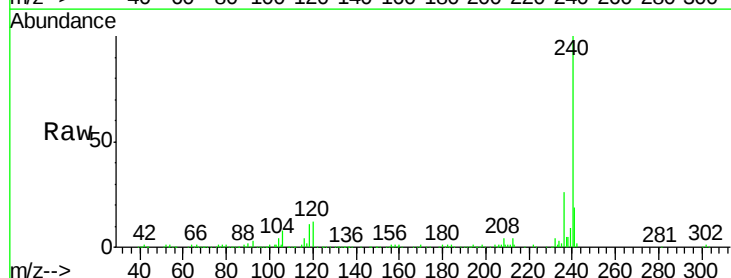
Instrument :
BNA_F
ClientSampleId :
SB-58D

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	11.3	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF078873.D
Acq: 1 May 2015 3:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.7	14.5
236	26.1	20.2	30.4





#78

Terphenyl-d14

Concen: 84.76 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078873.D

Acq: 1 May 2015 3:29

Instrument :

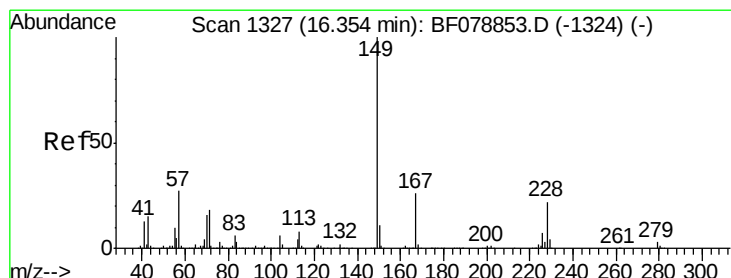
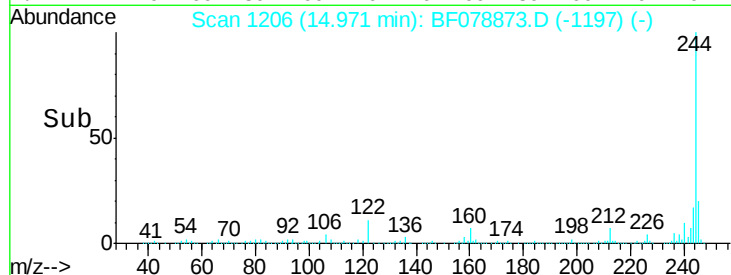
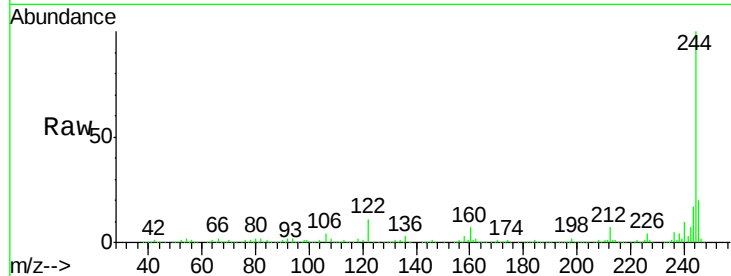
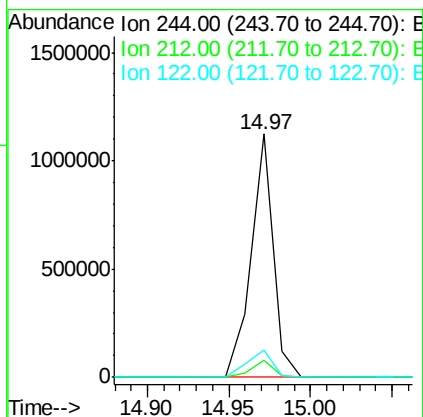
BNA_F

ClientSampleId :

SB-58D

Tot Ion:244 Resp: 1058916

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.3	10.3	15.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.57 ng

RT: 16.30 min Scan# 1322

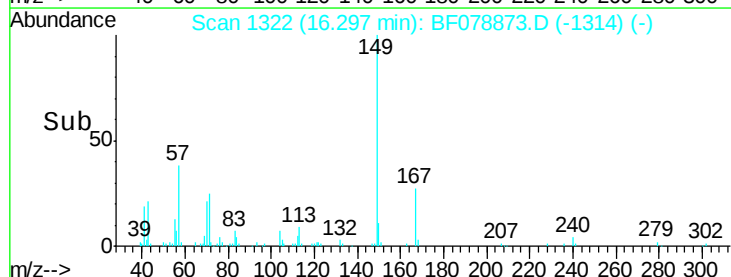
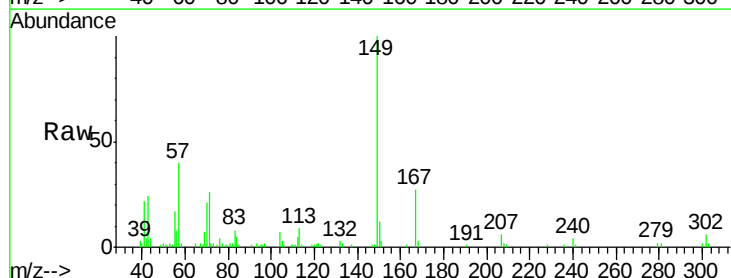
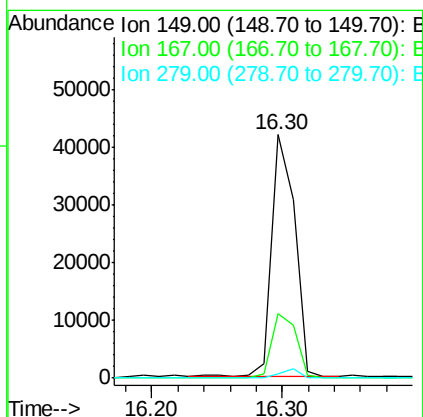
Delta R.T. -0.01 min

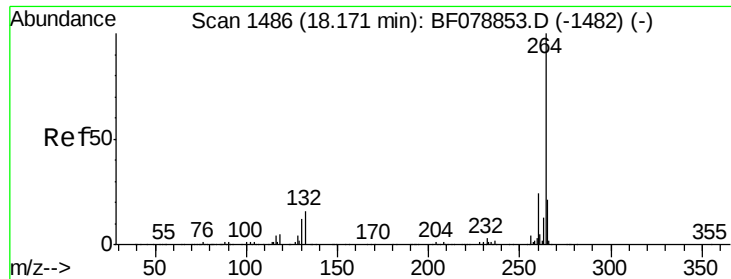
Lab File: BF078873.D

Acq: 1 May 2015 3:29

Tgt Ion:149 Resp: 52139

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	1.9	2.9	4.3#



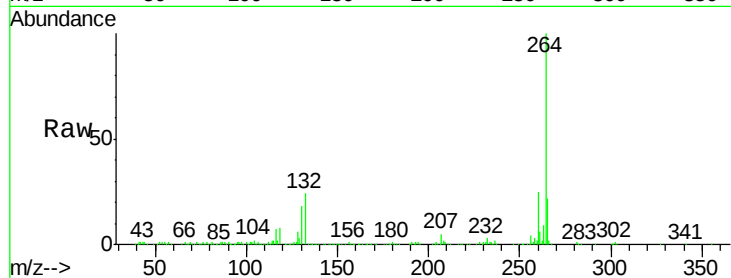


#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.06 min
Lab File: BF078873.D
Acq: 1 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
SB-58D

Tot Ion: 264 Resp: 319212

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.8	18.3	27.5



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

