

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019971.D
 Acq On : 6 Dec 2015 17:41
 Operator : UM/NP
 Sample : G4633-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(11-15)

Quant Time: Dec 07 03:21:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

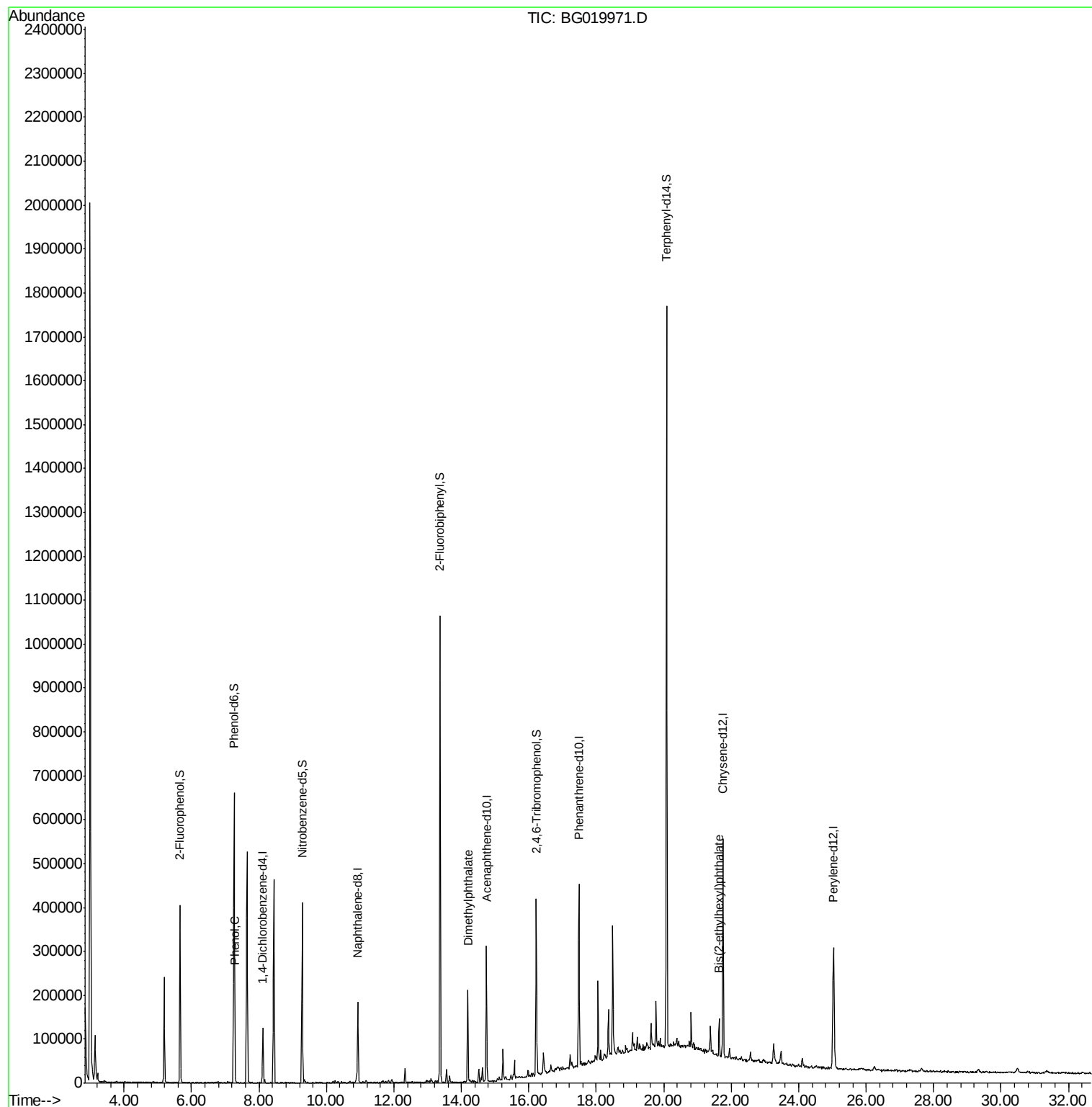
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34639	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	152718	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	105561	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	257753	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	307545	20.00	ng	-0.04
86) Perylene-d12	25.03	264	295212	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	165007	86.10	ng	-0.01
7) Phenol-d6	7.26	99	370025	127.87	ng	-0.01
23) Nitrobenzene-d5	9.28	82	258328	86.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	71122	44.03	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	521694	67.48	ng	-0.02
78) Terphenyl-d14	20.08	244	734202	58.23	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	7298	2.40	ng	# 55
49) Dimethylphthalate	14.19	163	134516	14.17	ng	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	36460	3.50	ng	# 91

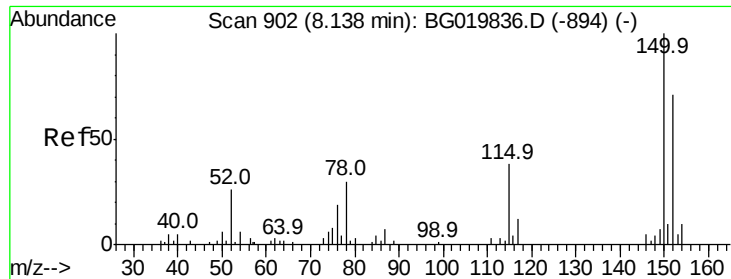
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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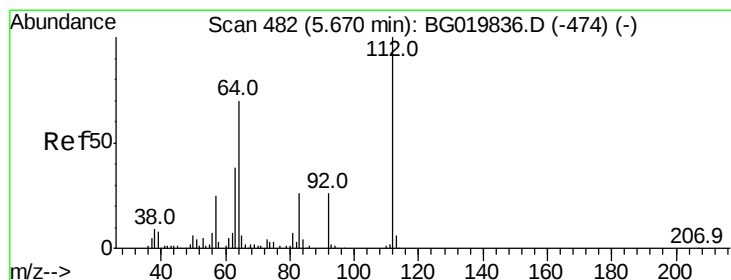
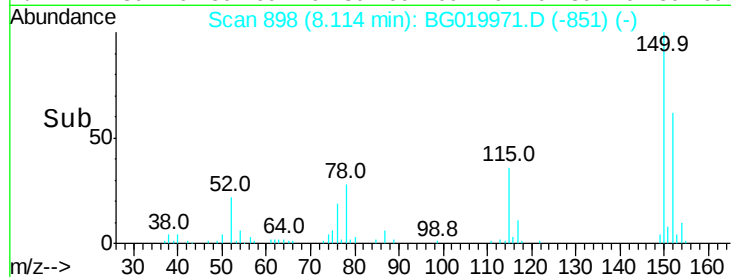
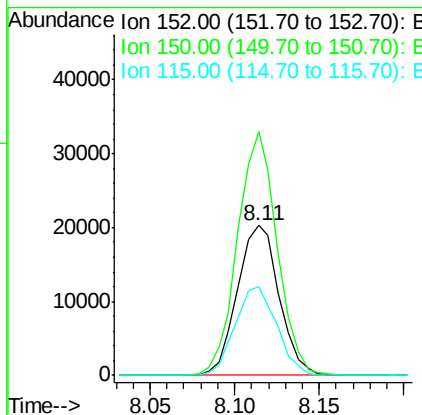
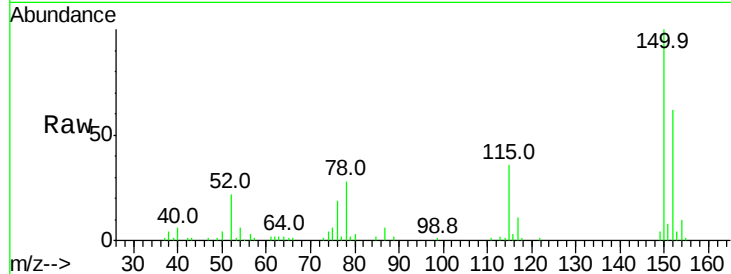


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

Instrument :
BNA_G
ClientSampleId :
SB-1(11-15)

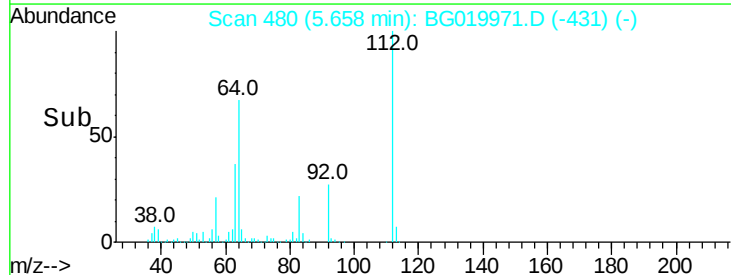
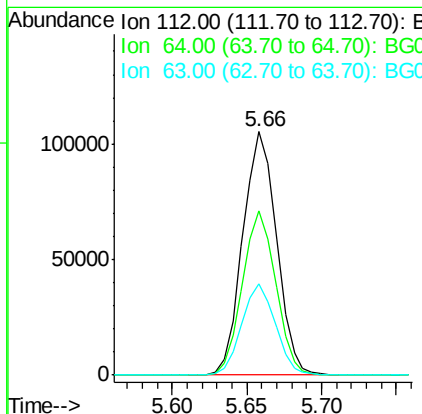
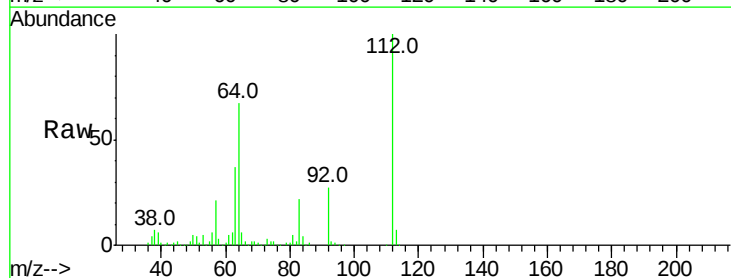
Tot Ion:152 Resp: 34639
Ion Ratio Lower Upper
152 100
150 162.2 115.0 172.4
115 59.0 43.9 65.9



#5

2-Fluorophenol
Concen: 86.10 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

Tgt Ion:112 Resp: 165007
Ion Ratio Lower Upper
112 100
64 67.3 43.7 65.5#
63 37.5 24.0 36.0#





#7

Phenol-d6

Concen: 127.87 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019971.D

Acq: 6 Dec 2015 17:41

Instrument :

BNA_G

ClientSampled :

SB-1(11-15)

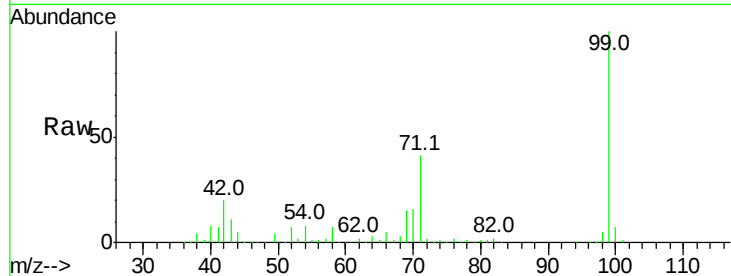
Tot Ion: 99 Resp: 370025

Ion Ratio Lower Upper

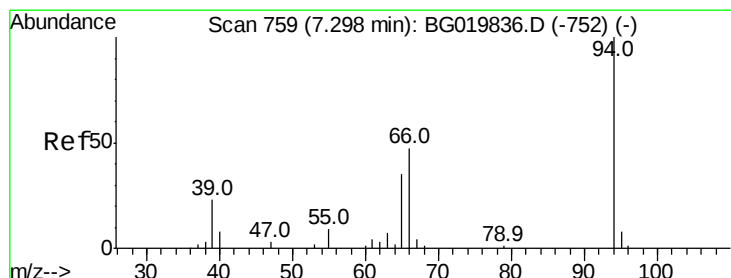
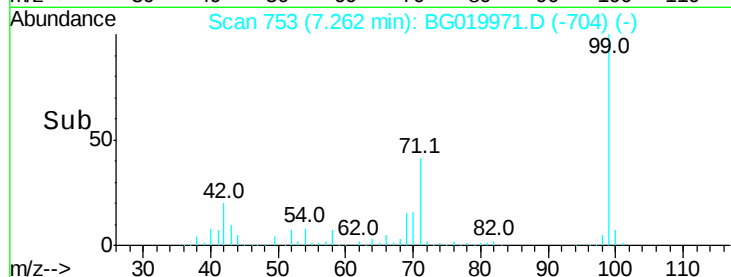
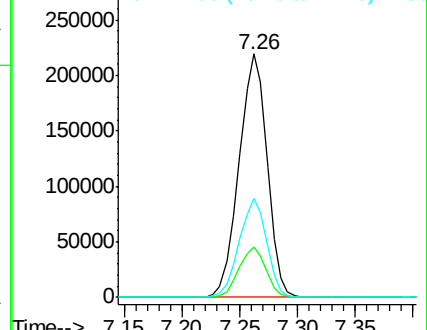
99 100

42 20.4 11.5 17.3#

71 40.6 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.40 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019971.D

Acq: 6 Dec 2015 17:41

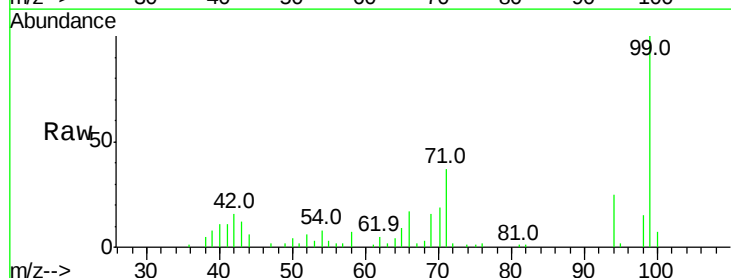
Tgt Ion: 94 Resp: 7298

Ion Ratio Lower Upper

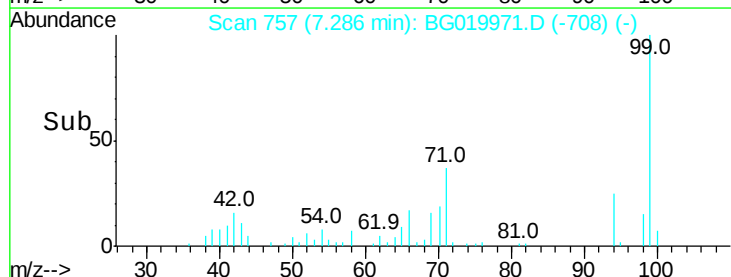
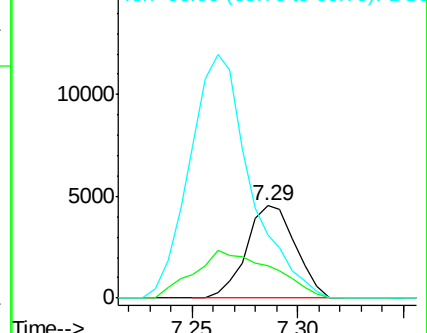
94 100

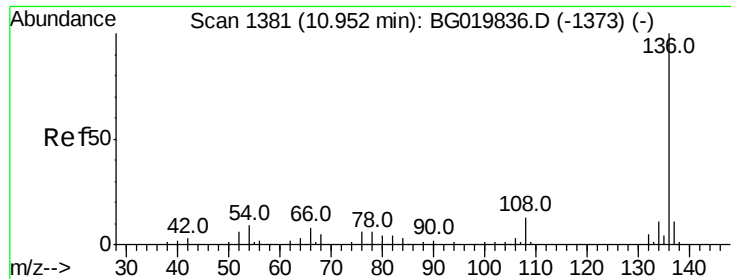
65 34.6 5.4 45.4

66 68.4 11.8 51.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

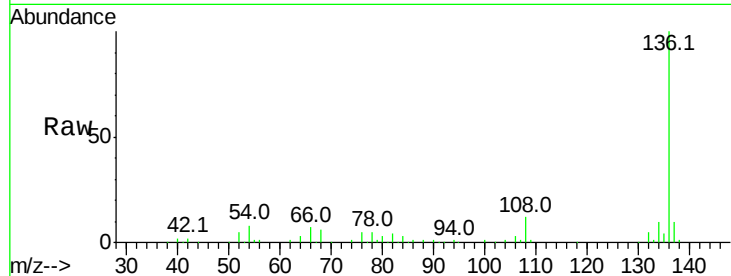




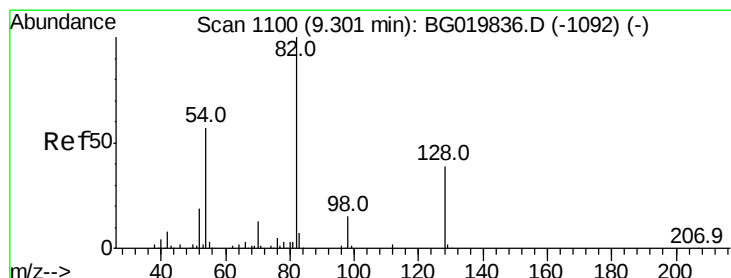
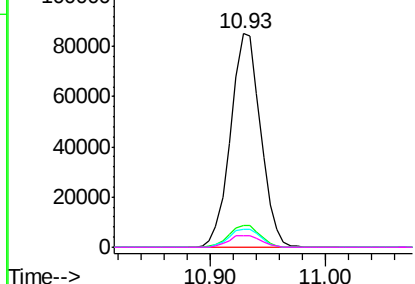
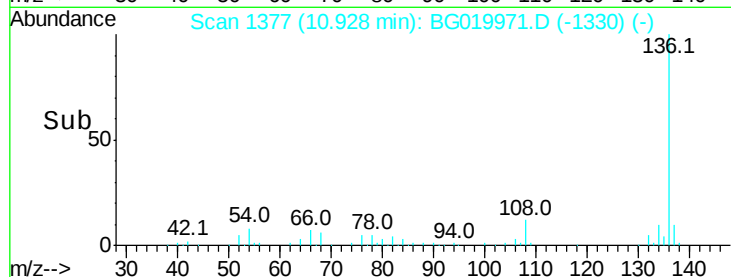
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

Instrument :
BNA_G
ClientSampleId :
SB-1(11-15)

Tot Ion:136	Resp:	152718
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 12.8
54	8.4	5.4 8.2#
68	5.7	5.3 7.9

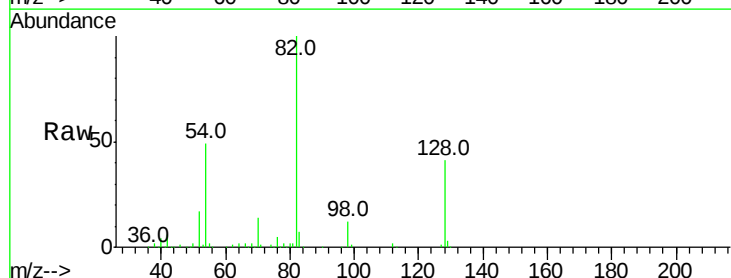


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

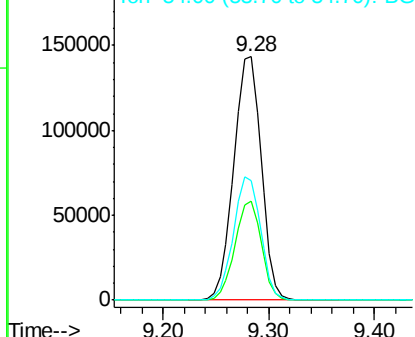
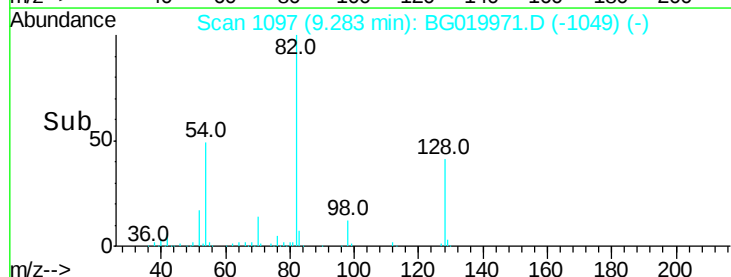


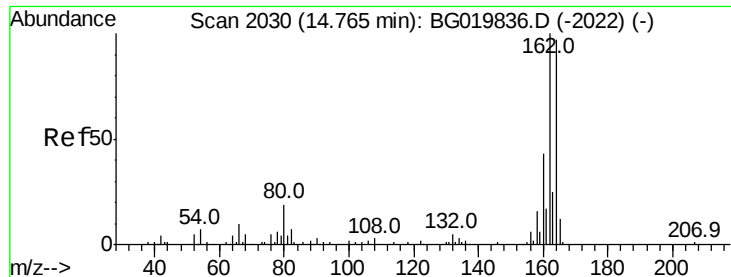
#23
Nitrobenzene-d5
Concen: 86.33 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

Tgt Ion: 82	Resp:	258328
Ion Ratio	Lower	Upper
82	100	
128	40.6	36.7 55.1
54	49.0	33.8 50.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG019971.D

Acq: 6 Dec 2015 17:41

Instrument :

BNA_G

ClientSampleId :

SB-1(11-15)

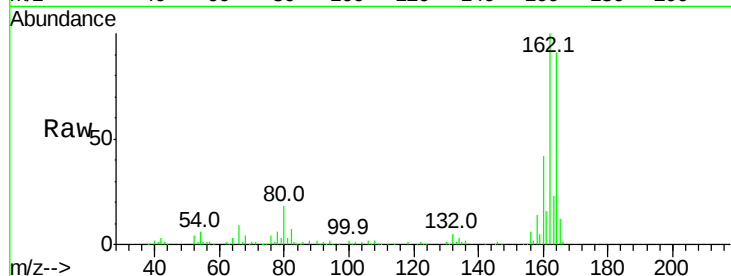
Tot Ion:164 Resp: 105561

Ion Ratio Lower Upper

164 100

162 110.2 78.8 118.2

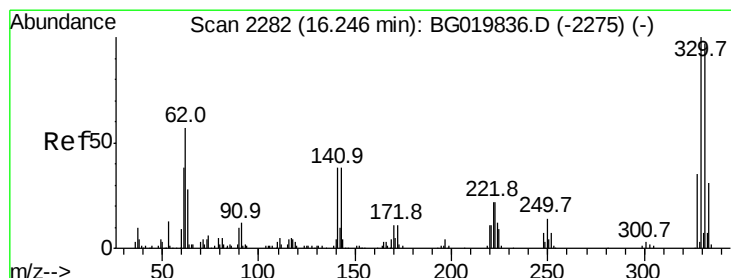
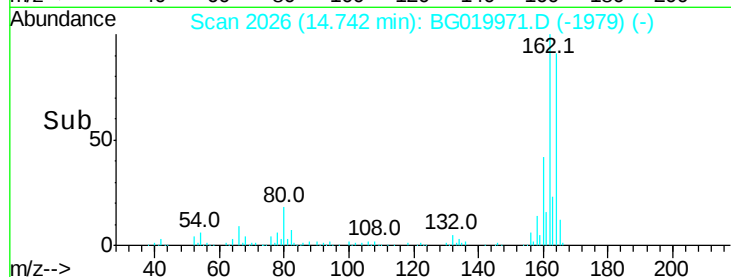
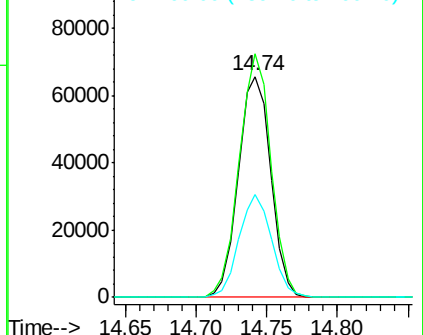
160 46.5 36.4 54.6



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: 44.03 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG019971.D

Acq: 6 Dec 2015 17:41

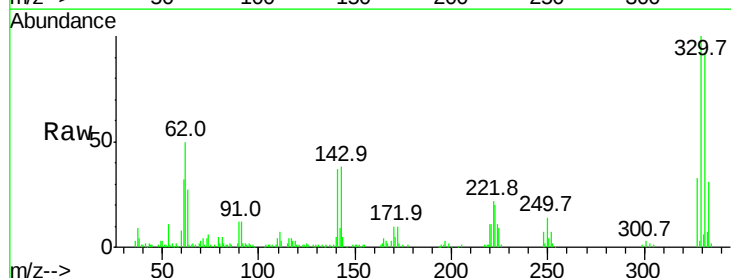
Tgt Ion:330 Resp: 71122

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

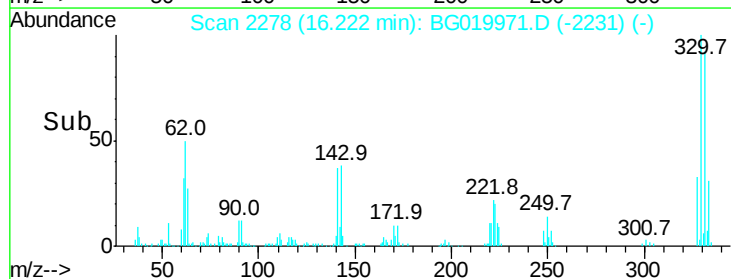
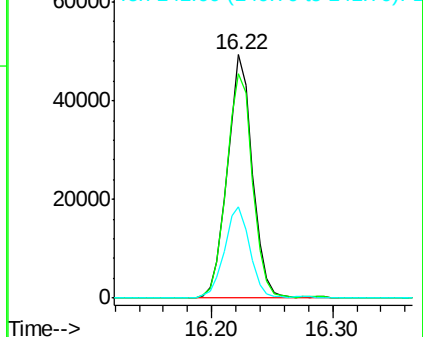
141 38.1 28.2 42.2

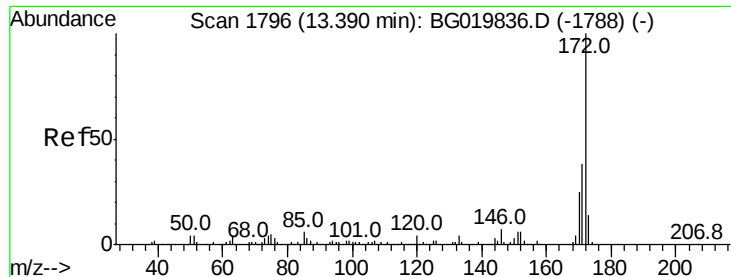


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

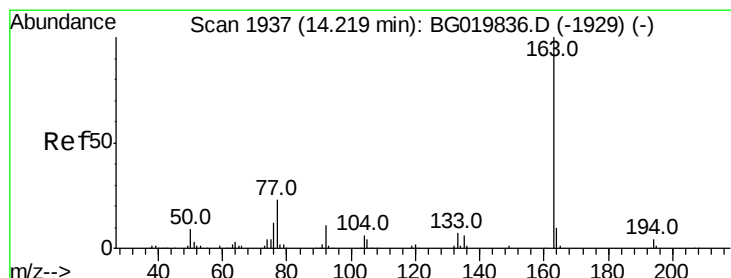
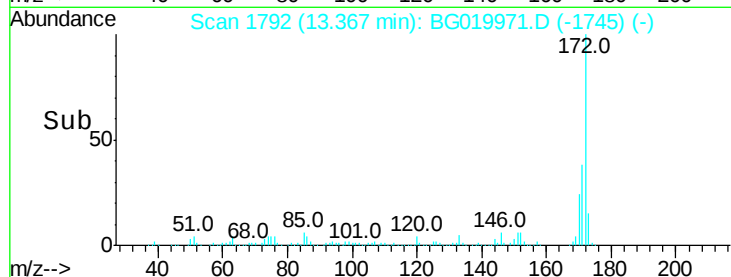
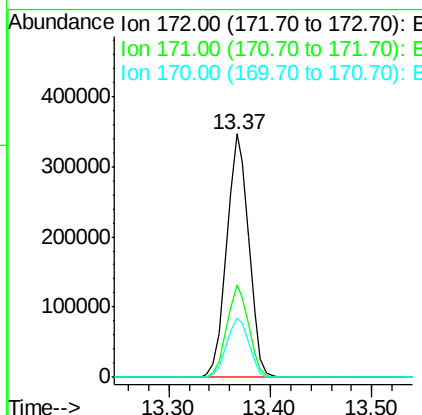
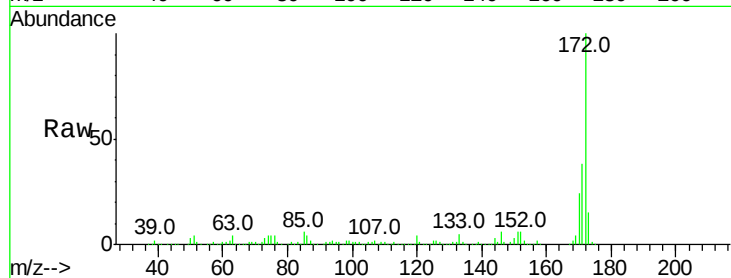




#44
2-Fluorobiphenyl
Concen: 67.48 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

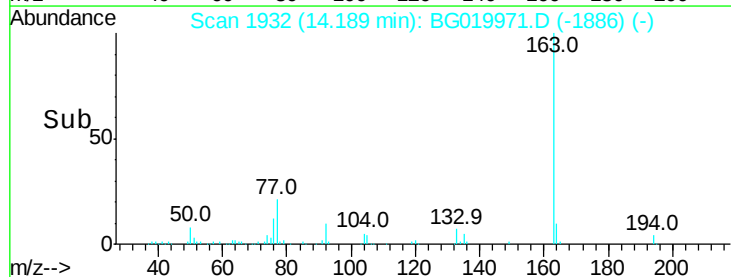
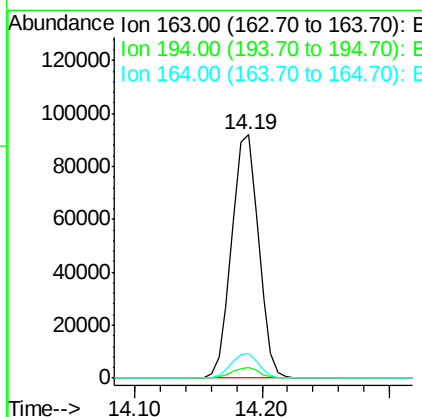
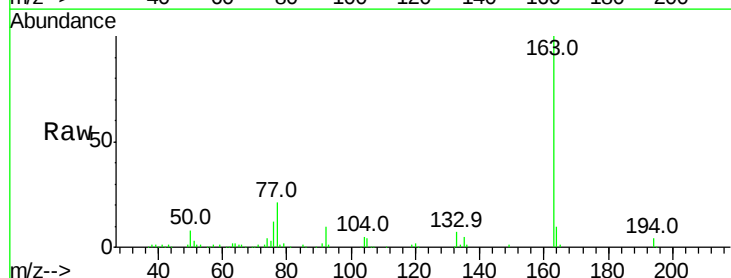
Instrument :
BNA_G
ClientSampleId :
SB-1(11-15)

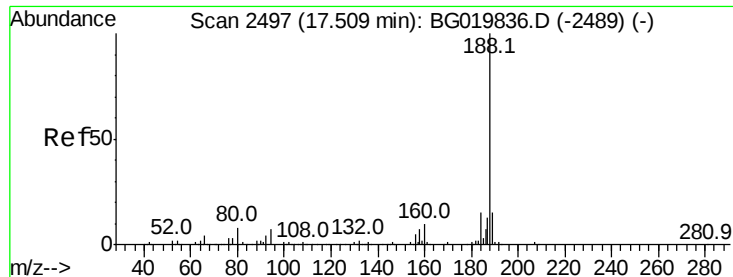
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.0	43.6
170	24.4	19.9	29.9



#49
Dimethylphthalate
Concen: 14.17 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.03 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.0	8.8	13.2

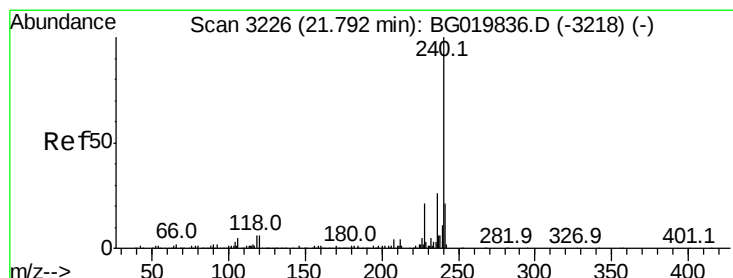
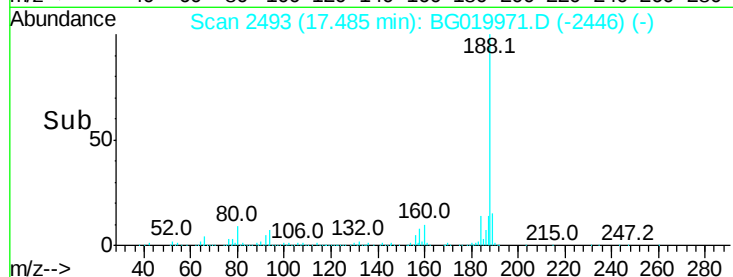
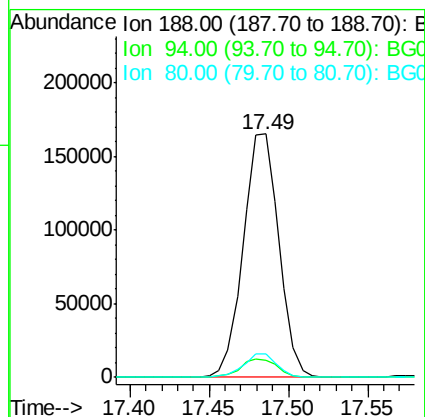
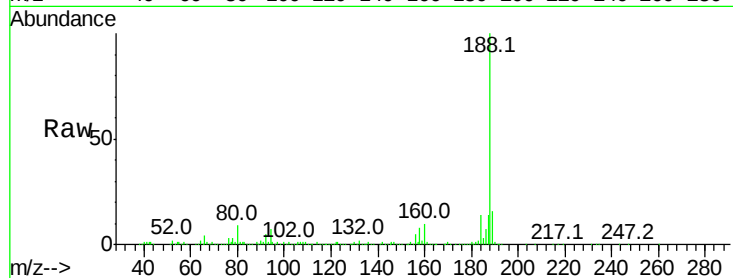




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

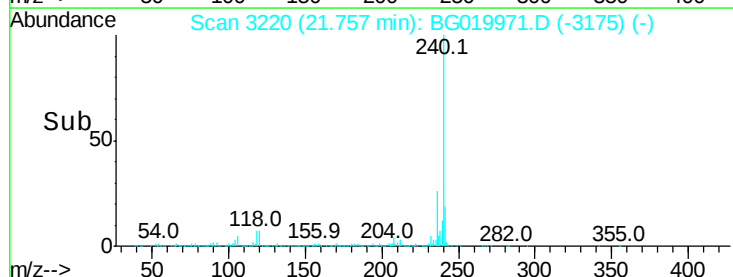
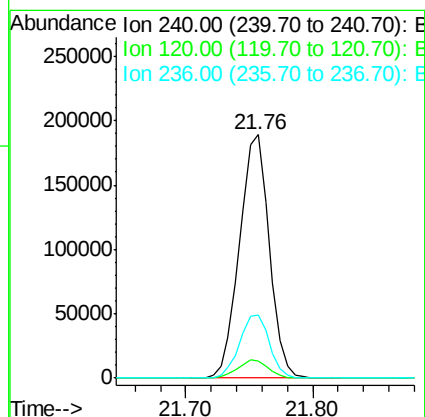
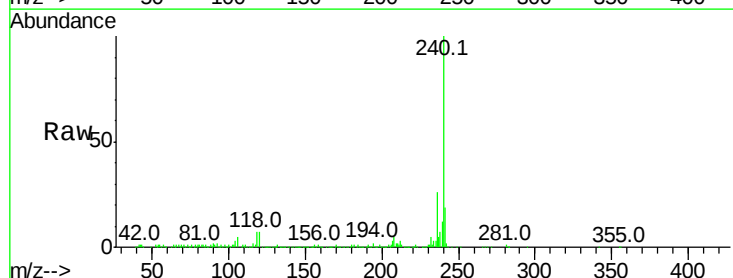
Instrument :
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SB-1(11-15)

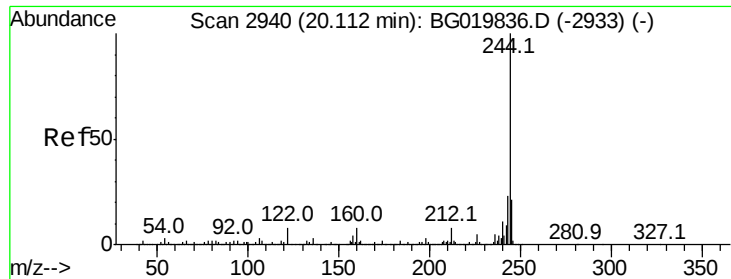
Tot Ion:188 Resp: 257753
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 9.4 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019971.D
Acq: 6 Dec 2015 17:41

Tgt Ion:240 Resp: 307545
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 25.7 20.7 31.1

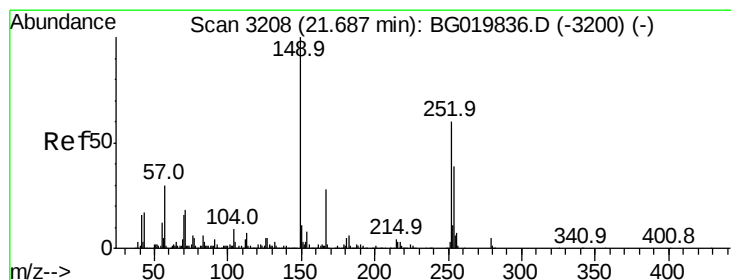
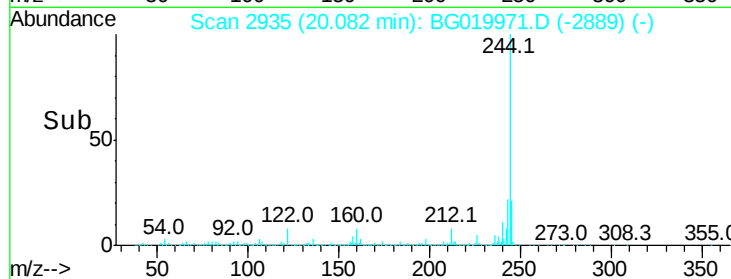
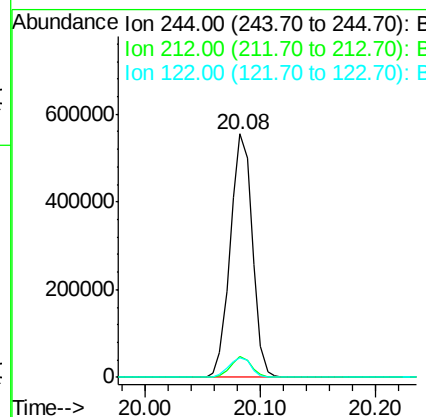
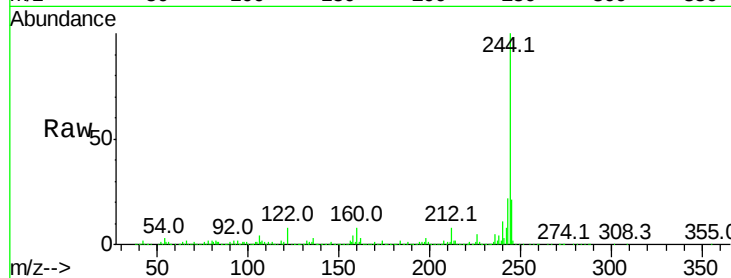




#78
 Terphenyl-d14
 Concen: 58.23 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG019971.D
 Acq: 6 Dec 2015 17:41

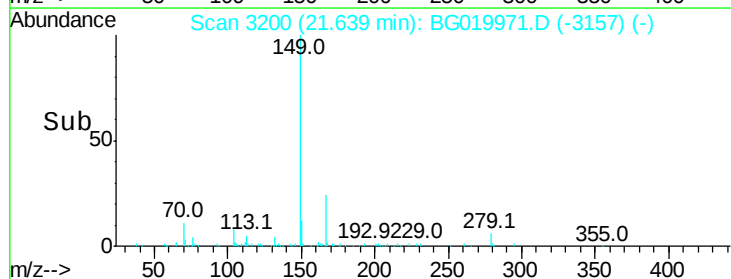
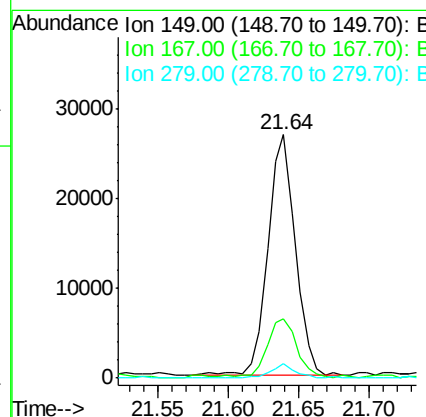
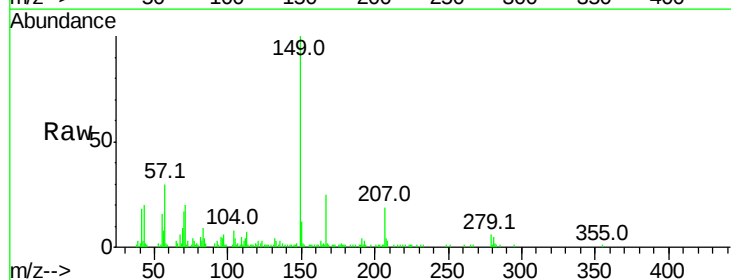
Instrument :
 BNA_G
 ClientSampleId :
 SB-1(11-15)

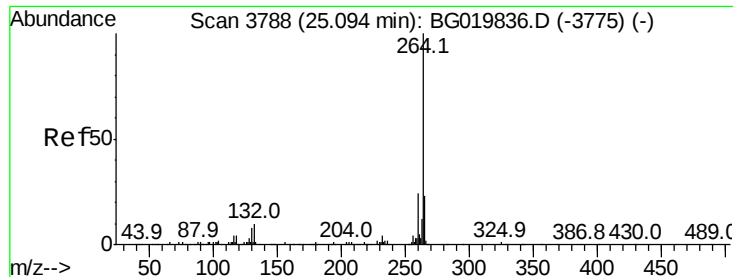
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	8.2	10.2	15.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.50 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.05 min
 Lab File: BG019971.D
 Acq: 6 Dec 2015 17:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.6	23.8	35.8
279	5.8	3.4	5.2#

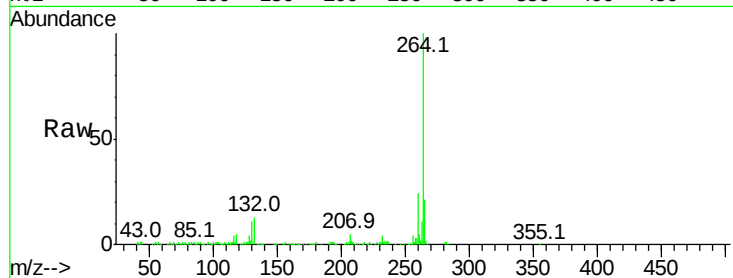




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG019971.D
 Acq: 6 Dec 2015 17:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(11-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.7	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

