

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018628.D
 Acq On : 11 Sep 2015 7:17
 Operator : UM/IZ
 Sample : G3612-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-19

Quant Time: Sep 11 08:21:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 01:56:11 2015
 Response via : Initial Calibration

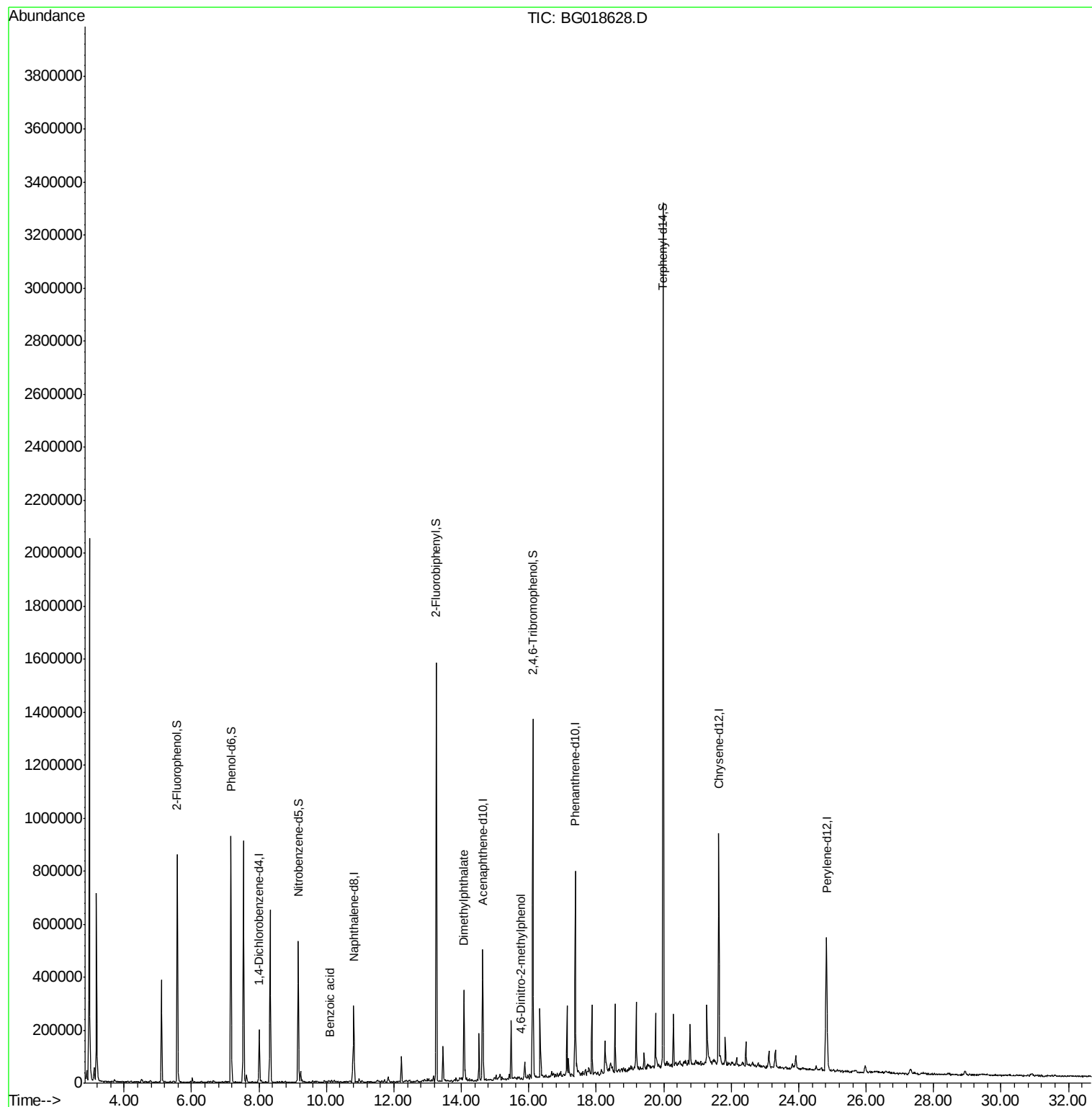
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60950	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	248824	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	168057	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	460183	20.00	ng	0.00
75) Chrysene-d12	21.63	240	497466	20.00	ng	0.00
86) Perylene-d12	24.82	264	503615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	409469	116.05	ng	0.00
7) Phenol-d6	7.17	99	596630	117.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	332008	74.66	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	259950	114.88	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	853525	70.50	ng	0.00
78) Terphenyl-d14	19.98	244	1352089	71.37	ng	0.00
Target Compounds						
32) Benzoic acid	10.11	122	374	8.03	ng	# 75
49) Dimethylphthalate	14.08	163	227953	16.38	ng	98
64) 4,6-Dinitro-2-methylphenol	15.76	198	53	5.42	ng	# 1

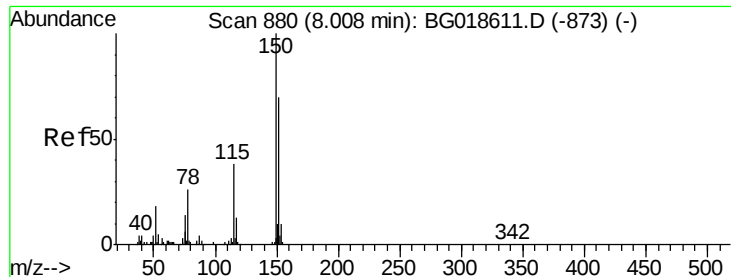
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG018628.D

Acq: 11 Sep 2015 7:17

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BNA_G

ClientSampleId :

B-19

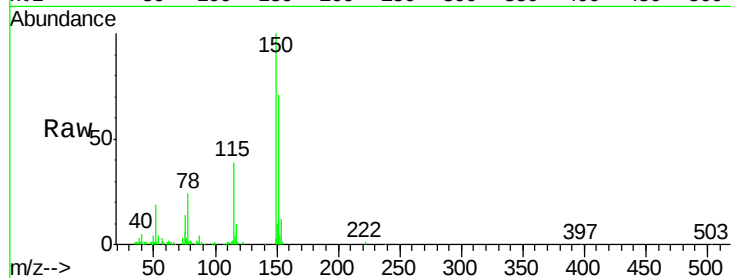
Tot Ion:152 Resp: 60950

Ion Ratio Lower Upper

152 100

150 140.7 115.0 172.4

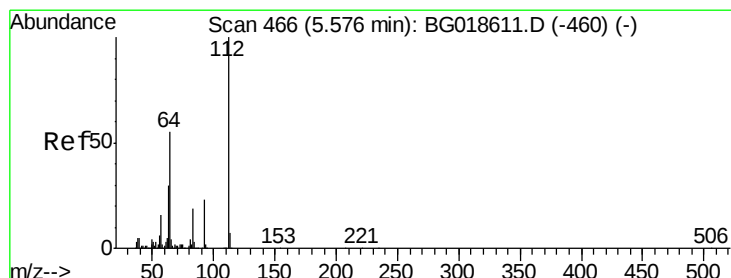
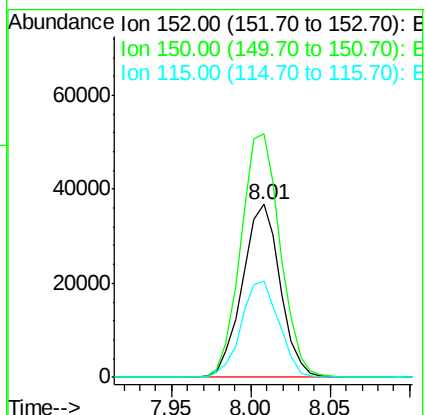
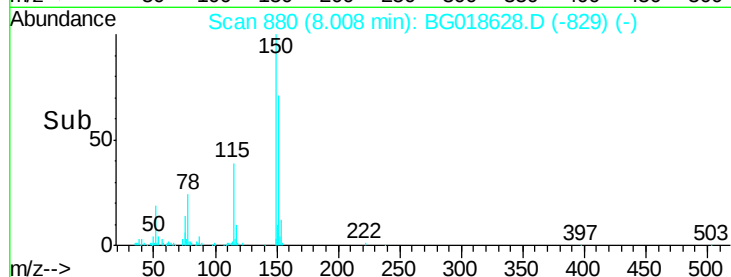
115 55.4 43.9 65.9



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: 116.05 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018628.D

Acq: 11 Sep 2015 7:17

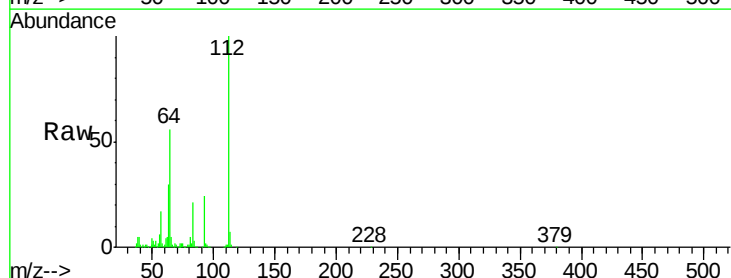
Tgt Ion:112 Resp: 409469

Ion Ratio Lower Upper

112 100

64 55.7 43.7 65.5

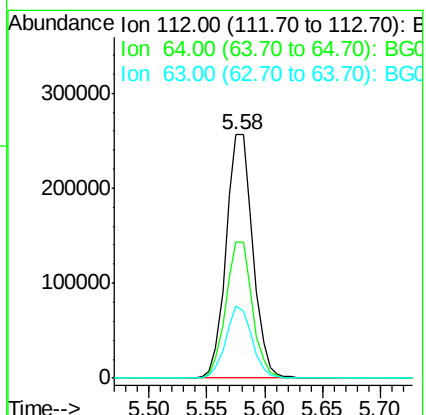
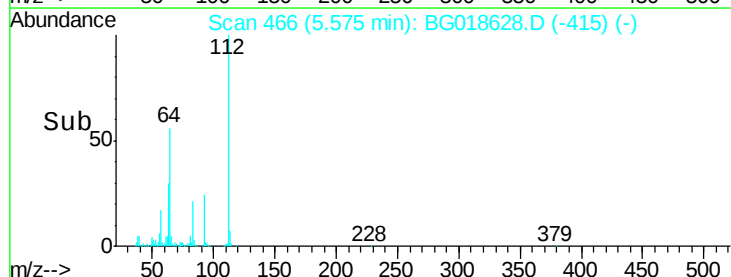
63 29.5 24.0 36.0

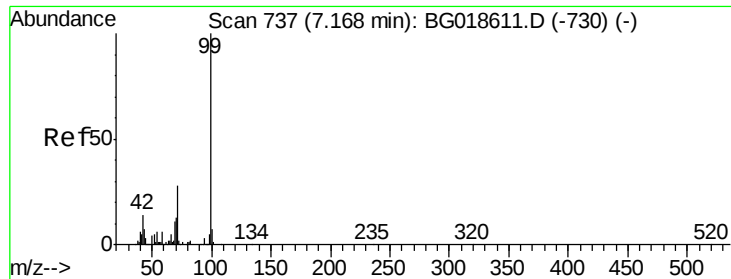


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.94 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG018628.D

Acq: 11 Sep 2015 7:17

Instrument :

BNA_G

ClientSampleId :

B-19

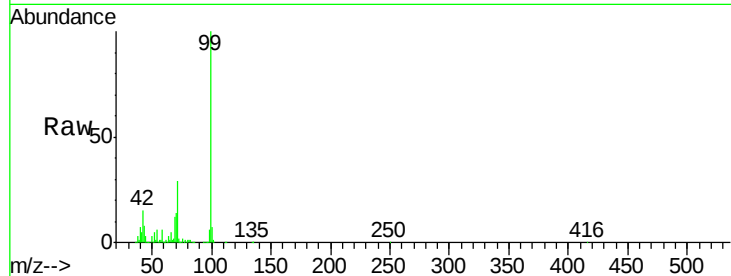
Tot Ion: 99 Resp: 596630

Ion Ratio Lower Upper

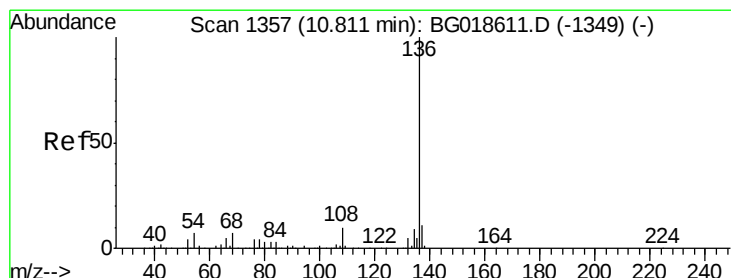
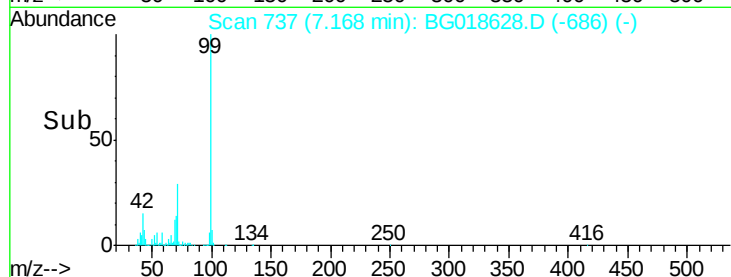
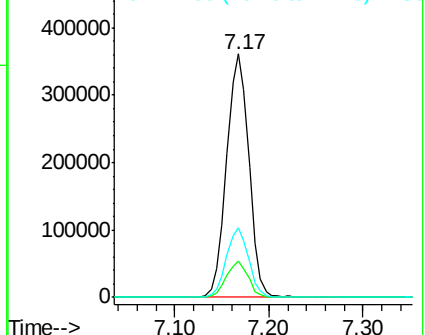
99 100

42 14.7 11.5 17.3

71 28.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018628.D

Acq: 11 Sep 2015 7:17

Tgt Ion: 136 Resp: 248824

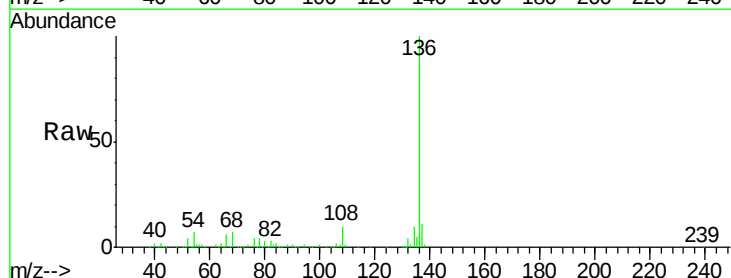
Ion Ratio Lower Upper

136 100

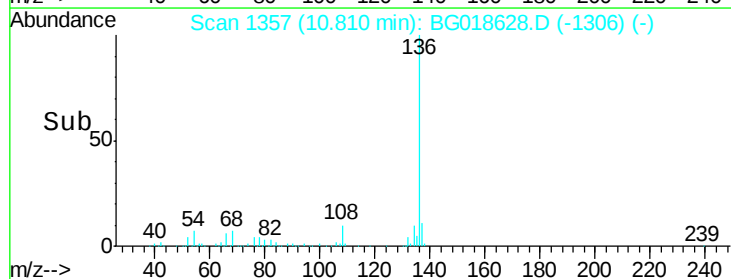
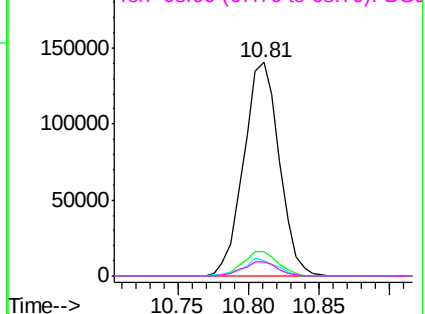
137 11.2 8.6 12.8

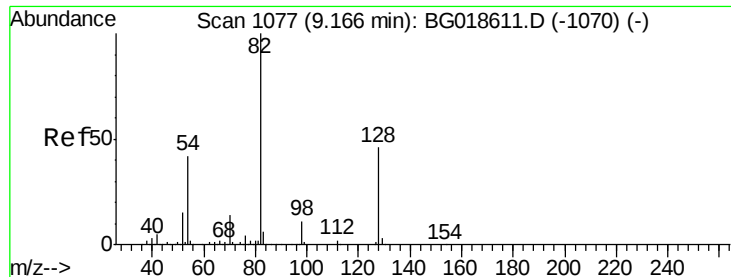
54 7.1 5.4 8.2

68 6.5 5.3 7.9



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

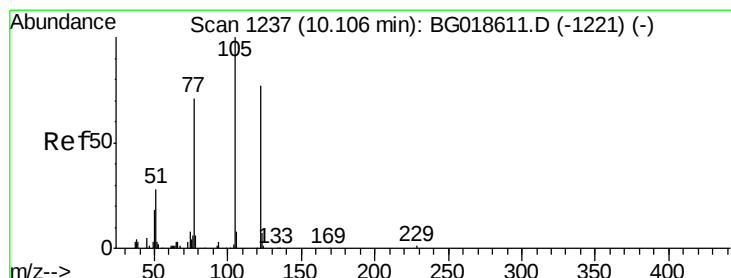
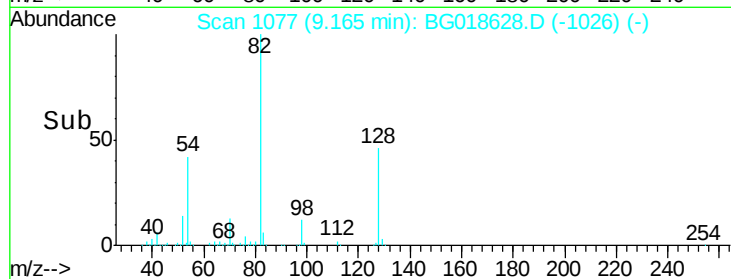
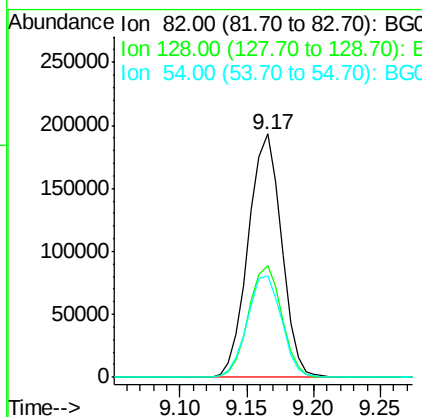
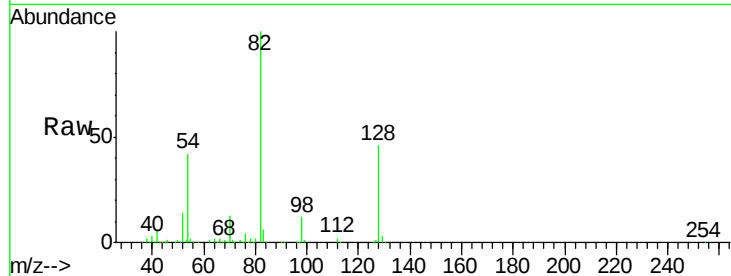




#23
 Nitrobenzene-d5
 Concen: 74.66 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG018628.D
 Acq: 11 Sep 2015 7:17

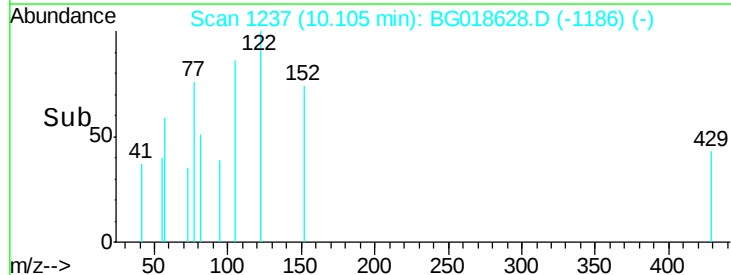
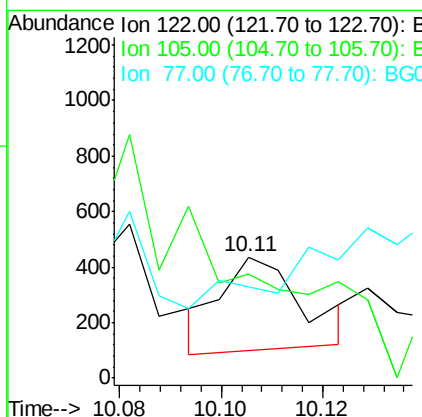
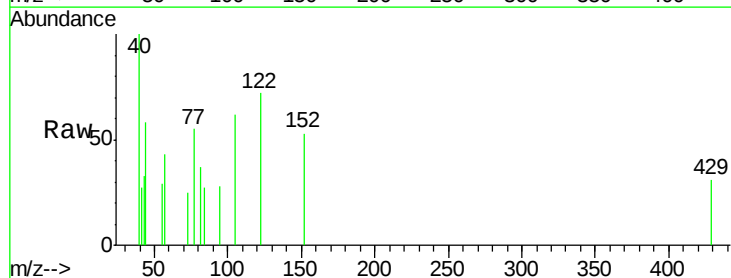
Instrument :
 BNA_G
 ClientSampled :
 B-19

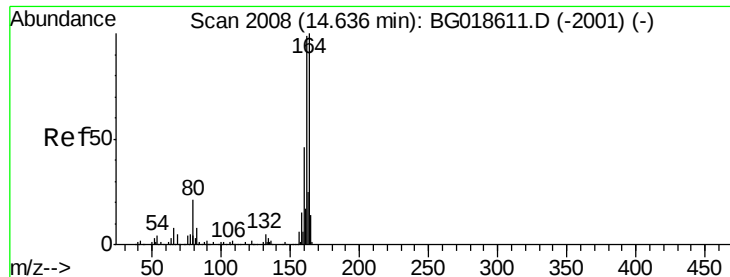
Tot Ion: 82 Resp: 332008
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.7 55.1
 54 41.7 33.8 50.8



#32
 Benzoic acid
 Concen: 8.03 ng
 RT: 10.11 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG018628.D
 Acq: 11 Sep 2015 7:17

Tgt Ion: 122 Resp: 374
 Ion Ratio Lower Upper
 122 100
 105 86.3 103.8 143.8#
 77 75.5 68.8 108.8

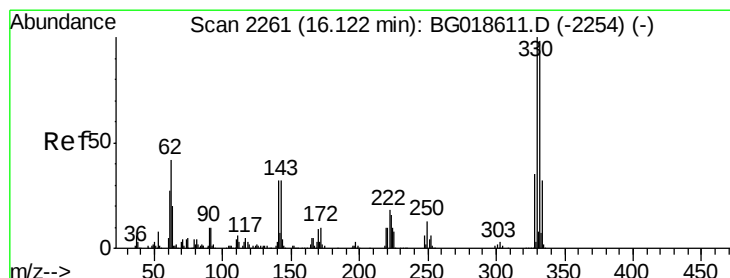
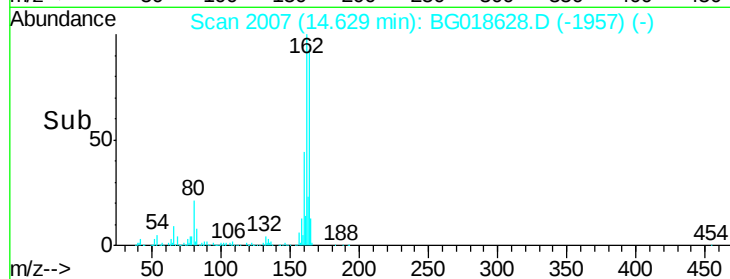
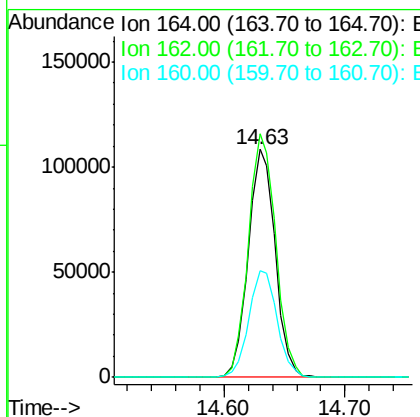
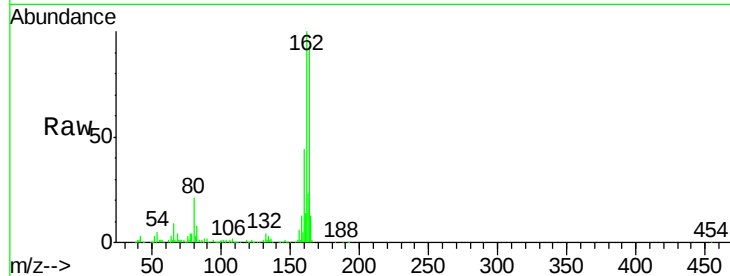




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG018628.D
Acq: 11 Sep 2015 7:17

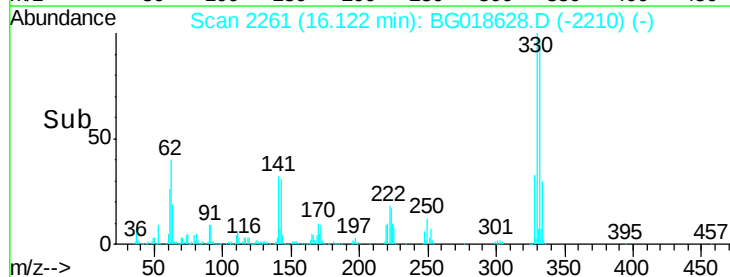
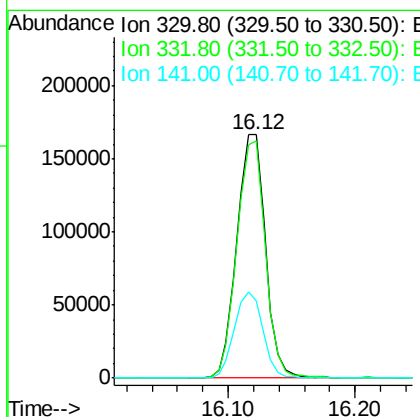
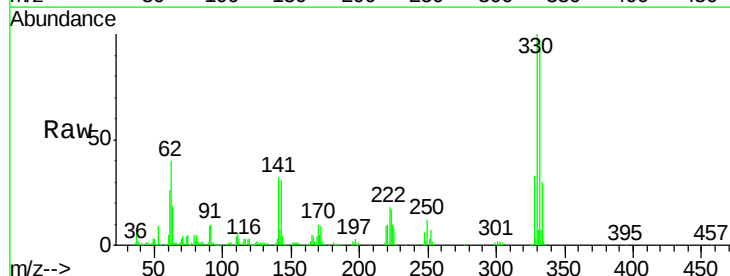
Instrument :
BNA_G
ClientSampleId :
B-19

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	46.9	36.4	54.6



#41
2,4,6-Tribromophenol
Concen: 114.88 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG018628.D
Acq: 11 Sep 2015 7:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	35.8	28.2	42.2

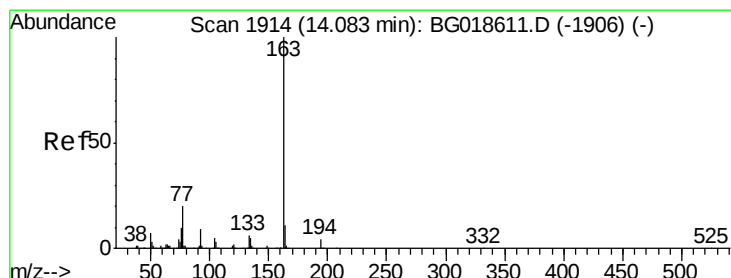
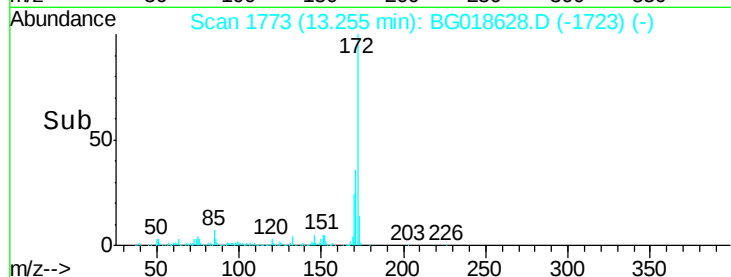
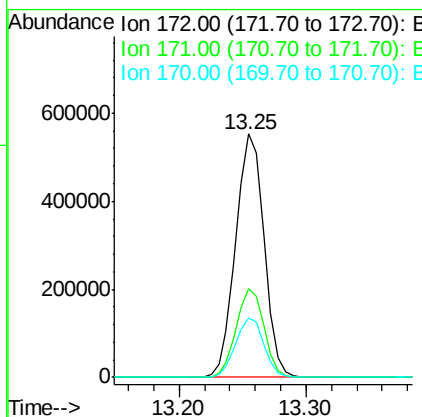
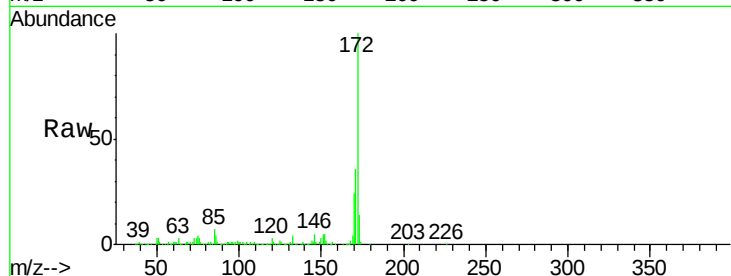




#44
2-Fluorobiphenyl
Concen: 70.50 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG018628.D
Acq: 11 Sep 2015 7:17

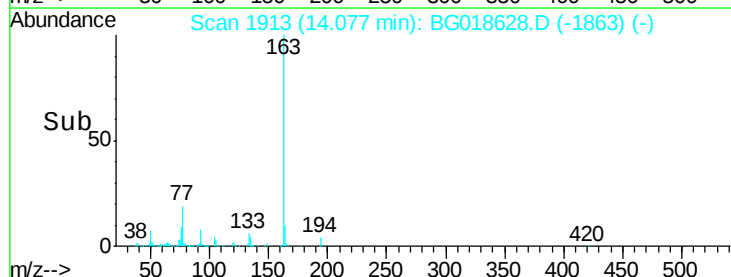
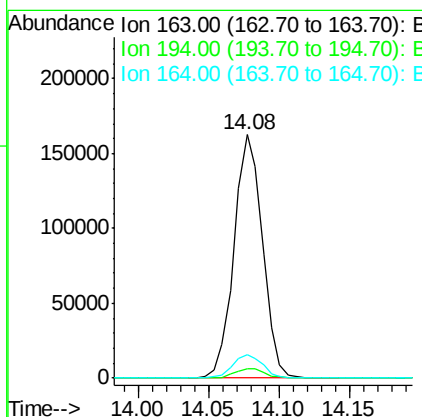
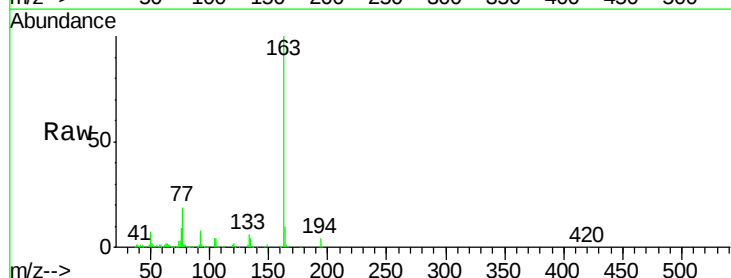
Instrument :
BNA_G
ClientSampleId :
B-19

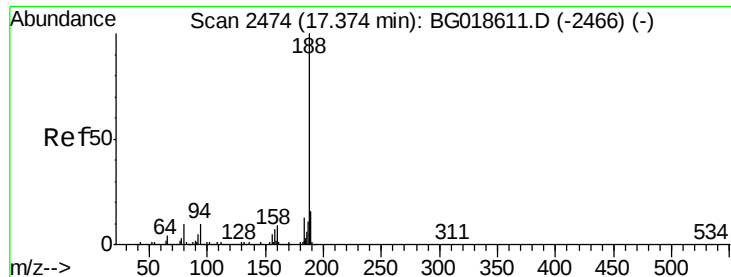
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.1	19.9	29.9



#49
Dimethylphthalate
Concen: 16.38 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG018628.D
Acq: 11 Sep 2015 7:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.8	8.8	13.2

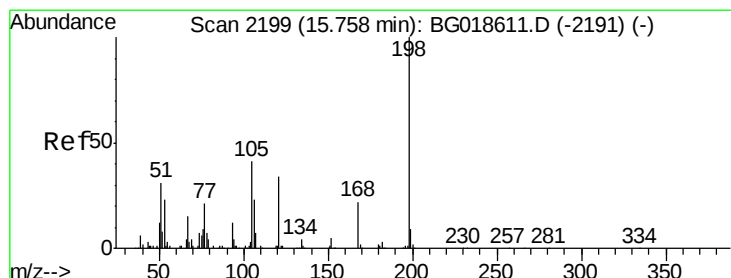
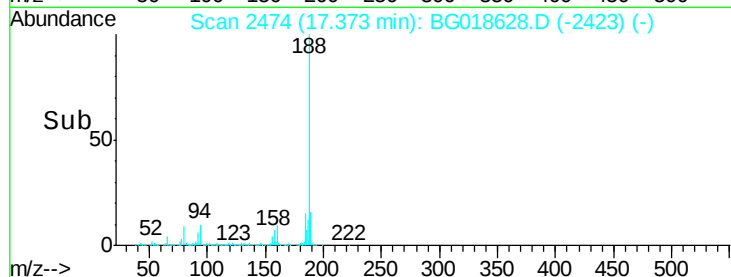
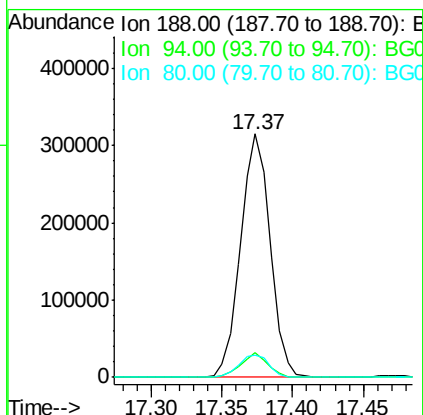
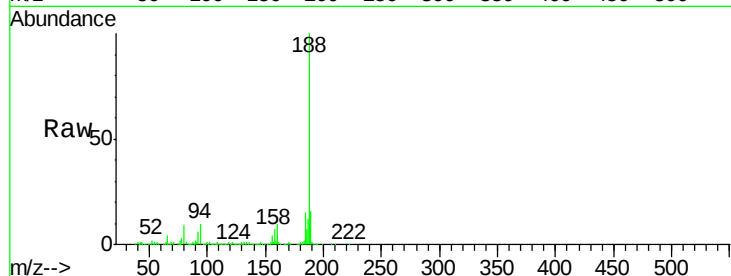




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018628.D
Acq: 11 Sep 2015 7:17

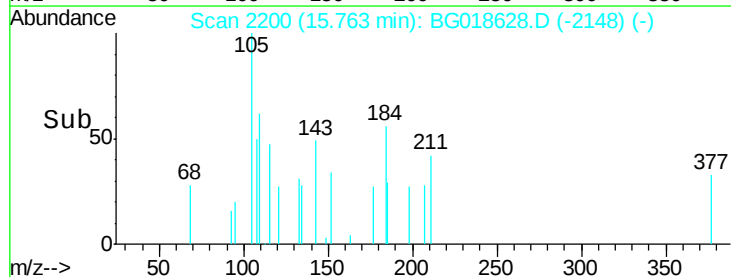
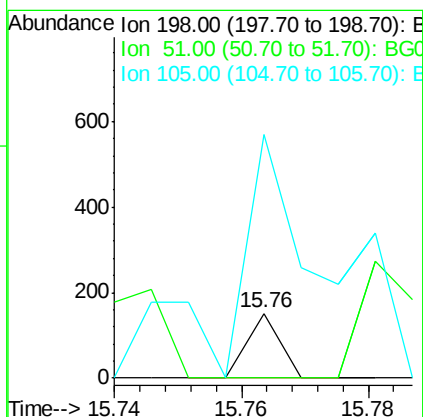
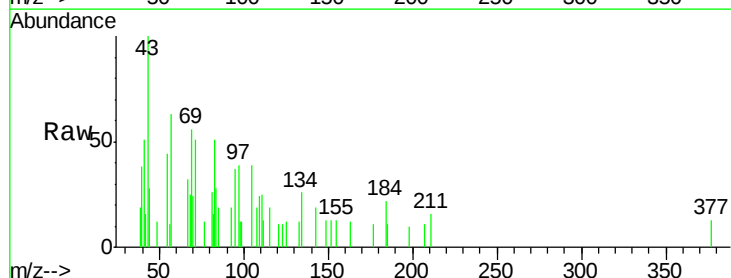
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B-19

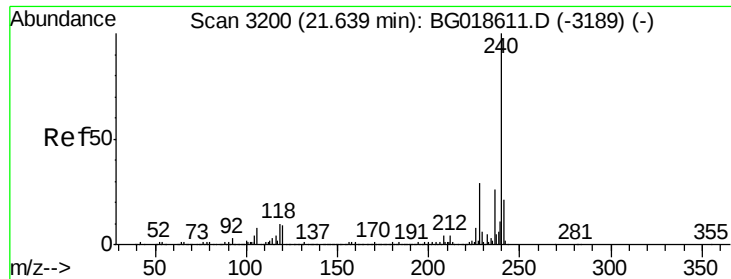
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.7	11.5
80	9.3	7.8	11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 15.76 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BG018628.D
Acq: 11 Sep 2015 7:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	14.2	54.2#
105	376.8	21.1	61.1#

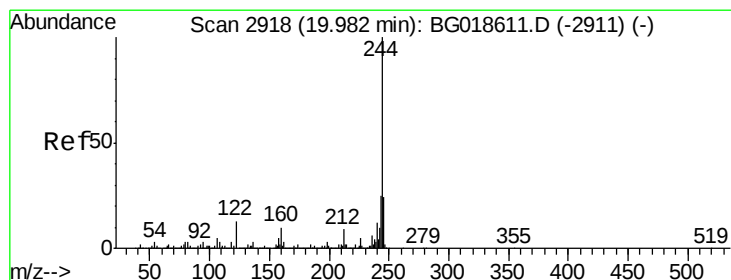
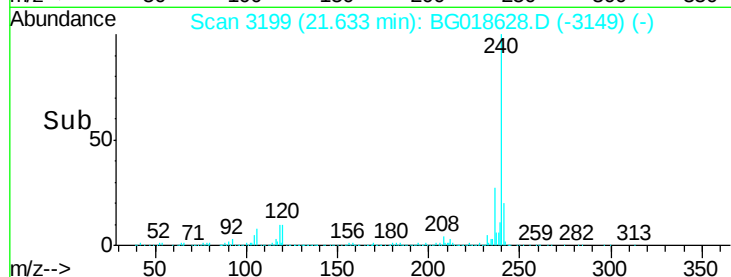
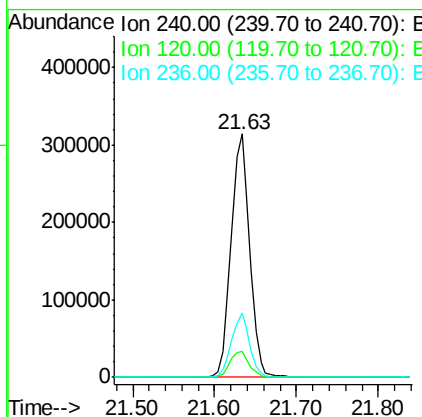
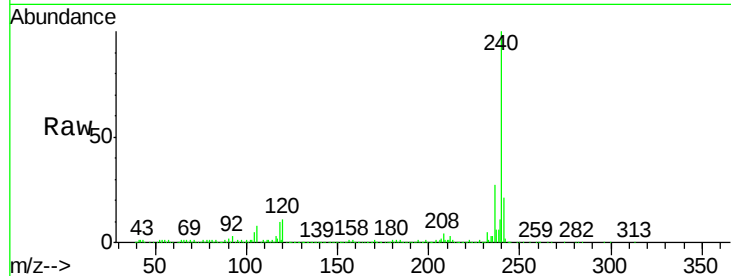




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.01 min
 Lab File: BG018628.D
 Acq: 11 Sep 2015 7:17

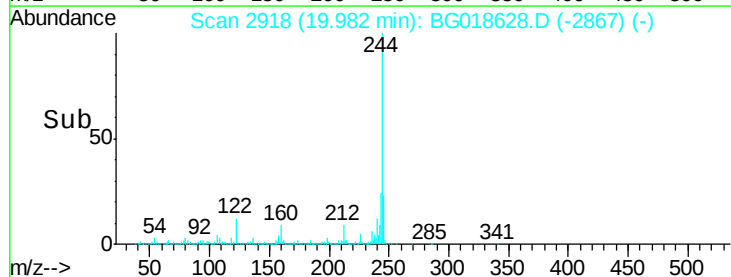
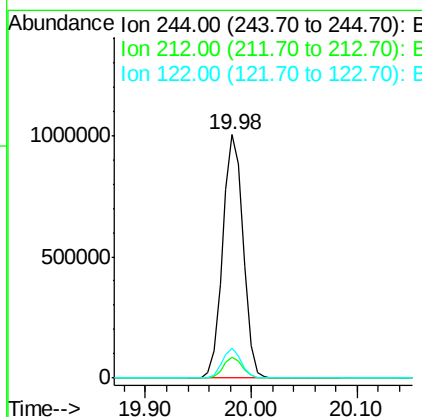
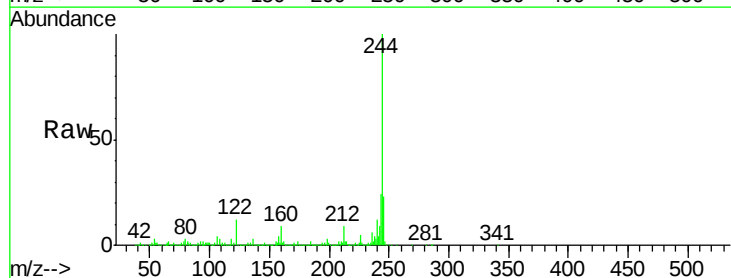
Instrument :
 BNA_G
 ClientSampleId :
 B-19

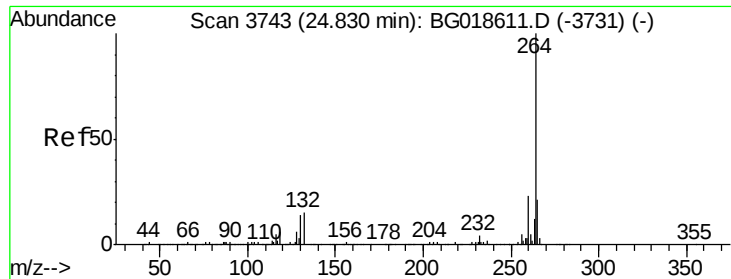
Tot Ion:240 Resp: 497466
 Ion Ratio Lower Upper
 240 100
 120 10.5 7.4 11.0
 236 26.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 71.37 ng
 RT: 19.98 min Scan# 2918
 Delta R.T. -0.00 min
 Lab File: BG018628.D
 Acq: 11 Sep 2015 7:17

Tgt Ion:244 Resp: 1352089
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 12.3 10.2 15.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BG018628.D
Acq: 11 Sep 2015 7:17

Instrument :
BNA_G
ClientSampleId :
B-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	22.2	17.2	25.8

