

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028701.D
 Acq On : 13 Sep 2017 16:46
 Operator : SJ/JU
 Sample : I5123-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-19

Quant Time: Sep 14 08:36:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

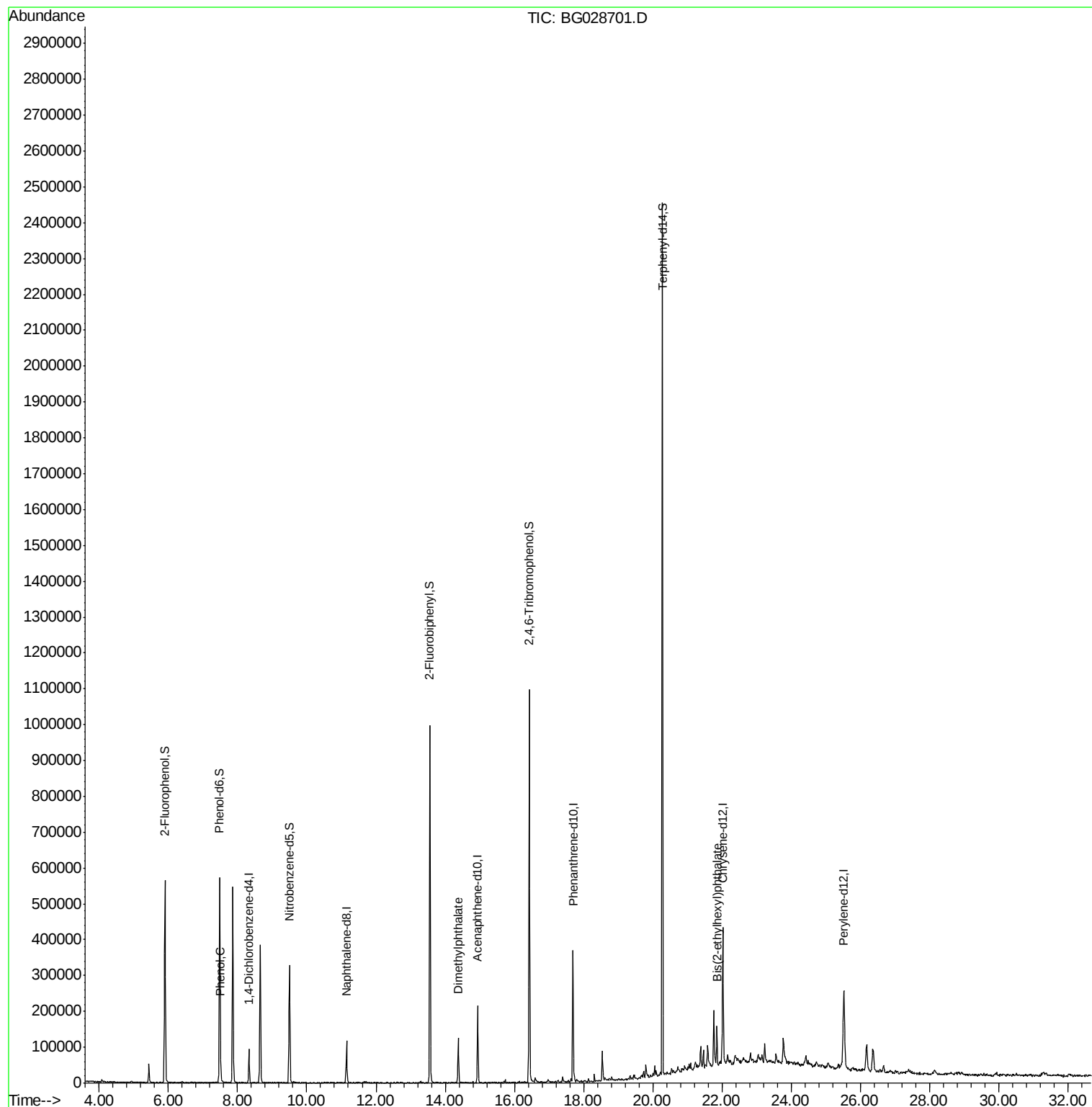
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	25222	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	102963	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	77850	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	233150	20.00	ng	0.00
75) Chrysene-d12	22.02	240	270384	20.00	ng	0.00
86) Perylene-d12	25.53	264	282948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	248086	162.30	ng	0.00
7) Phenol-d6	7.48	99	339658	147.59	ng	0.00
23) Nitrobenzene-d5	9.50	82	213818	99.34	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	234356	182.01	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	542234	92.87	ng	0.00
78) Terphenyl-d14	20.28	244	1101142	86.85	ng	0.00
Target Compounds						
10) Phenol	7.51	94	10354	4.263	ng	94
49) Dimethylphthalate	14.37	163	86882	13.309	ng	97
83) Bis(2-ethylhexyl)phthalate	21.85	149	46713	5.217	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampleId :

EP-19

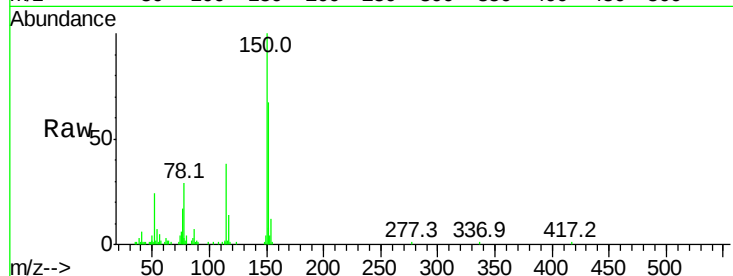
Tot Ion:152 Resp: 25222

Ion Ratio Lower Upper

152 100

150 149.7 114.0 171.0

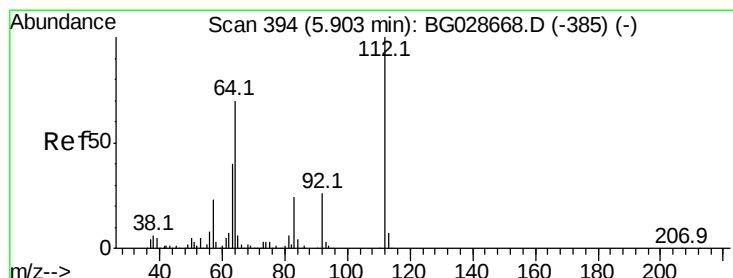
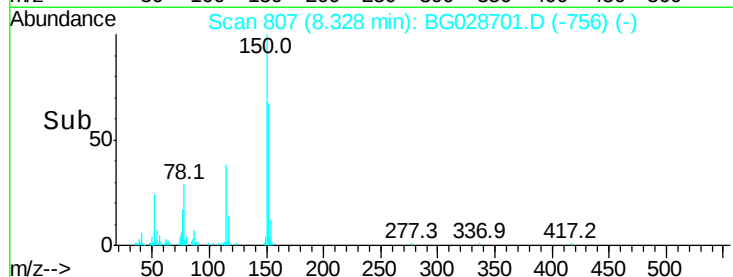
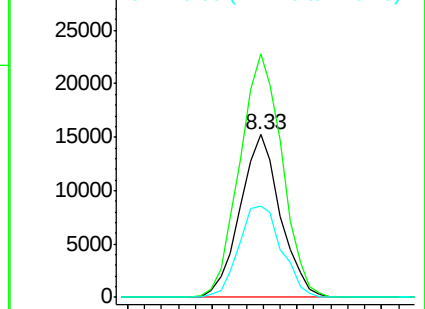
115 56.2 48.1 72.1



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: 162.300 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

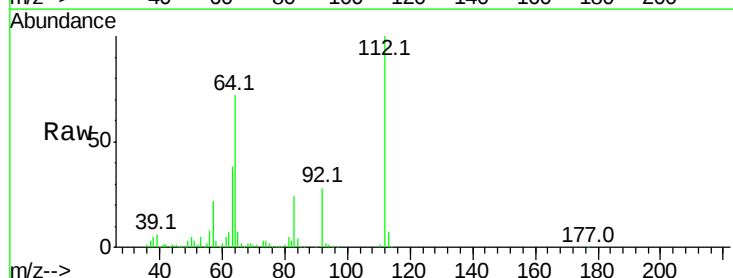
Tgt Ion:112 Resp: 248086

Ion Ratio Lower Upper

112 100

64 72.4 61.8 92.6

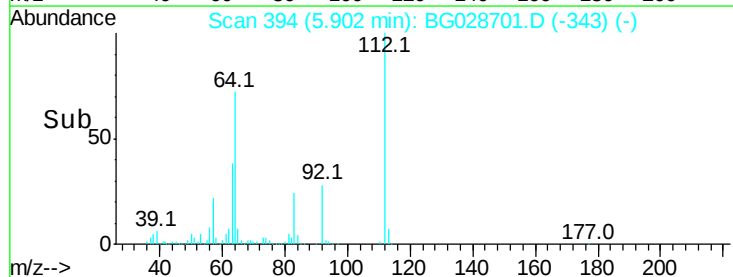
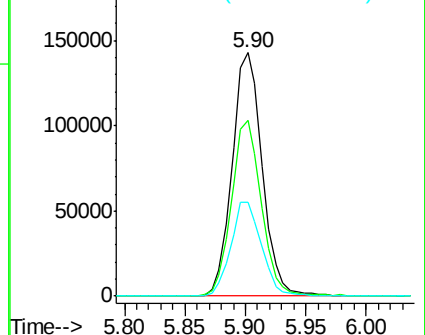
63 38.4 37.2 55.8

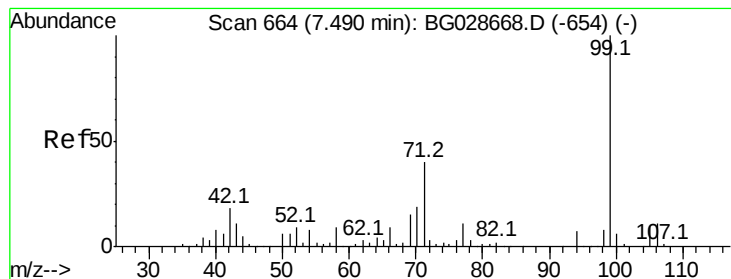


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 147.585 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampled :

EP-19

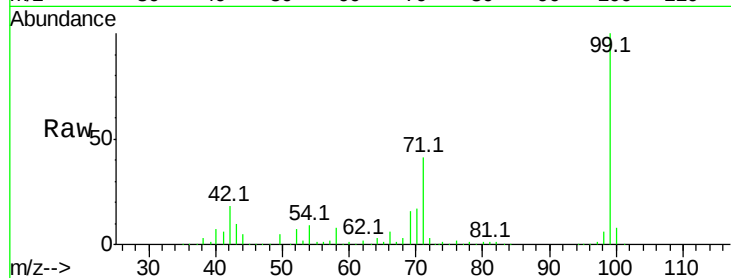
Tot Ion: 99 Resp: 339658

Ion Ratio Lower Upper

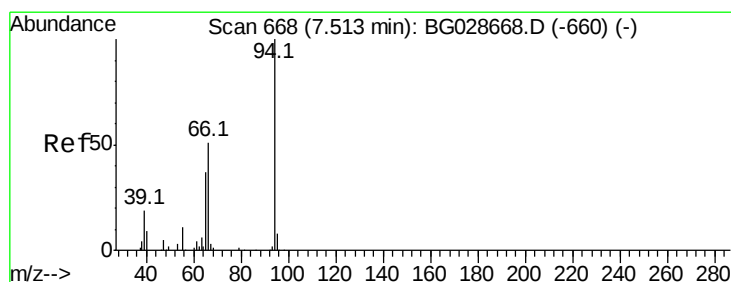
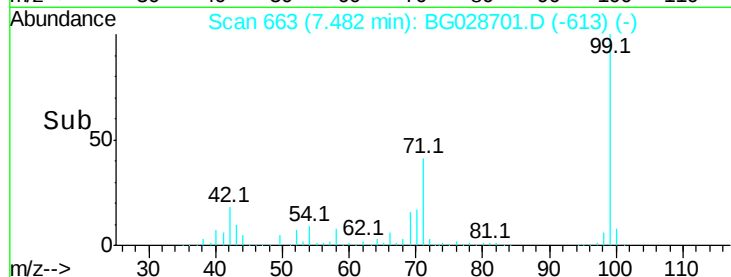
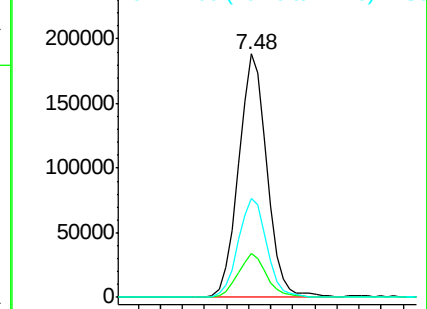
99 100

42 18.1 20.5 30.7#

71 40.6 37.6 56.4



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: 4.263 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

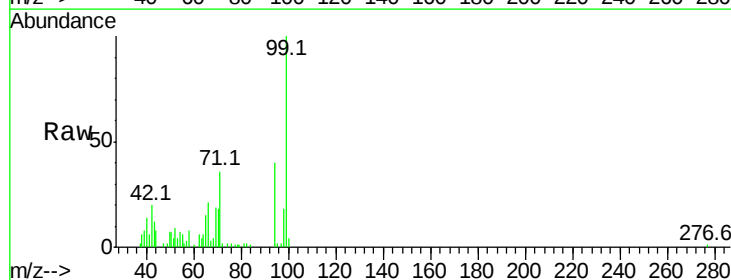
Tgt Ion: 94 Resp: 10354

Ion Ratio Lower Upper

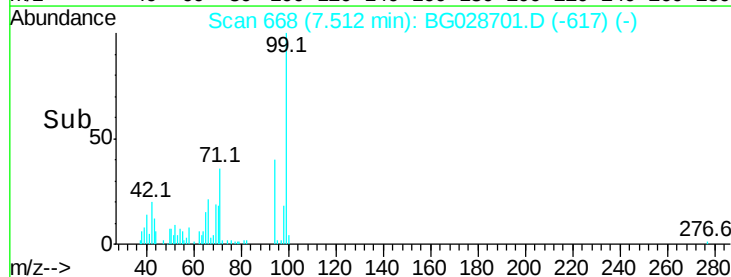
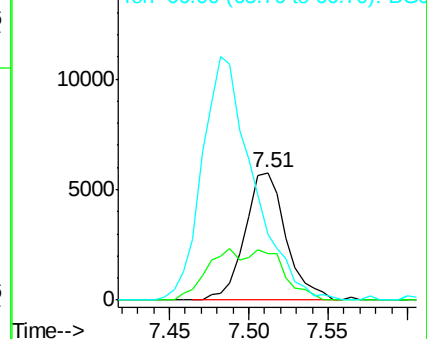
94 100

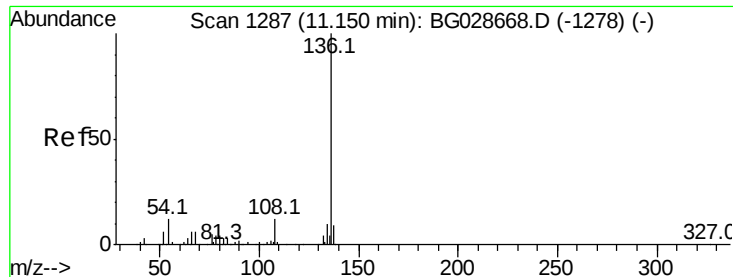
65 36.8 20.6 60.6

66 51.6 35.5 75.5



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

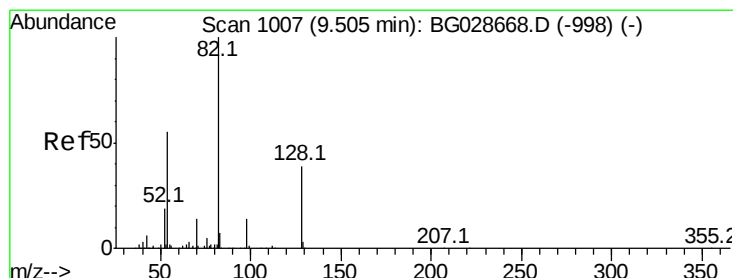
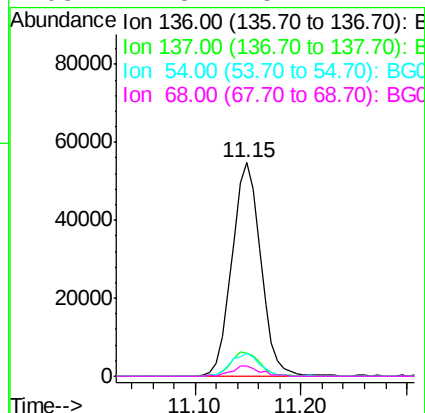
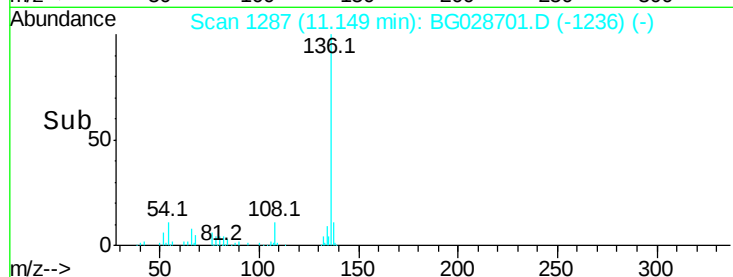
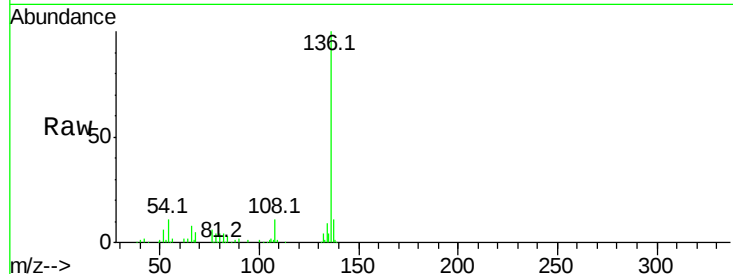




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

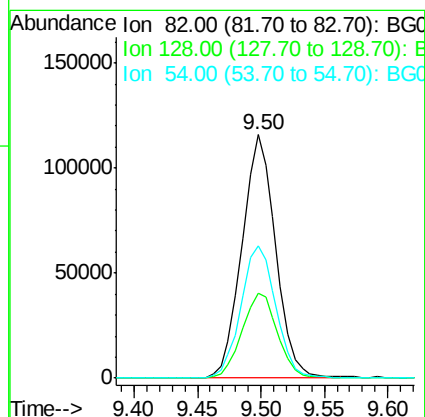
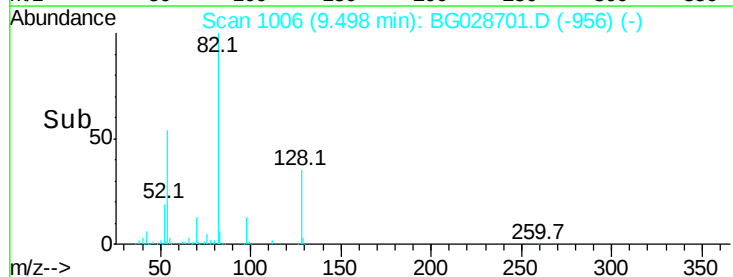
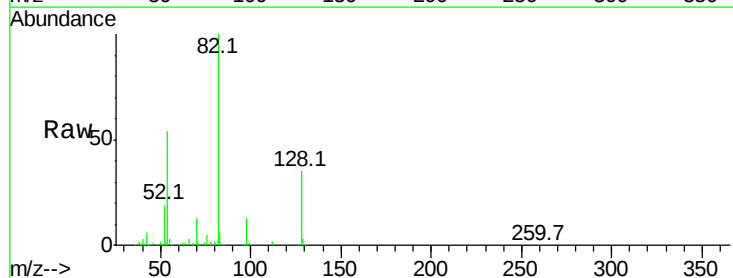
Instrument :
BNA_G
ClientSampleId :
EP-19

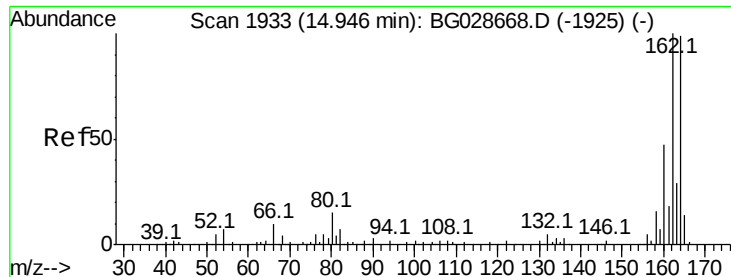
Tot Ion:	136	Resp:	102963
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.6	9.3	13.9
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 99.341 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

Tgt Ion:	82	Resp:	213818
Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	54.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampleId :

EP-19

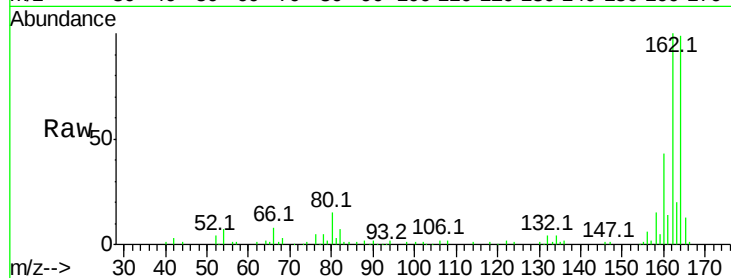
Tot Ion:164 Resp: 77850

Ion Ratio Lower Upper

164 100

162 101.3 85.1 127.7

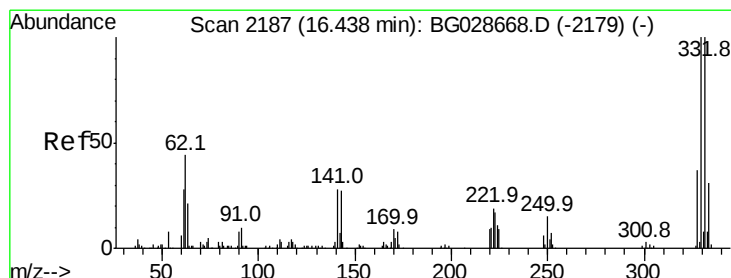
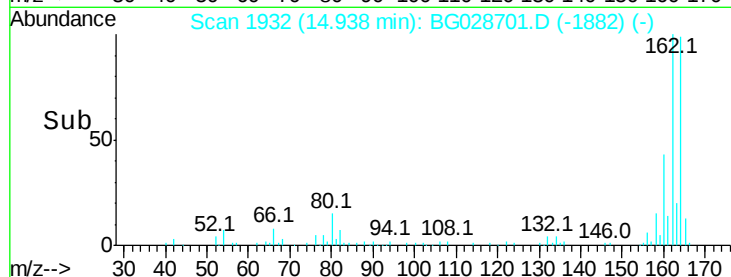
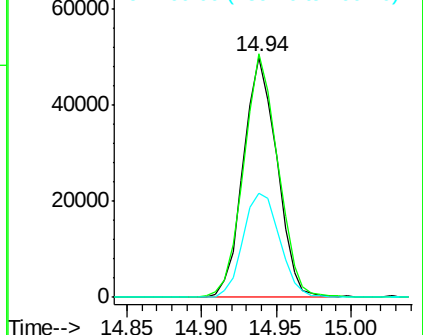
160 43.1 34.7 52.1



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: 182.011 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

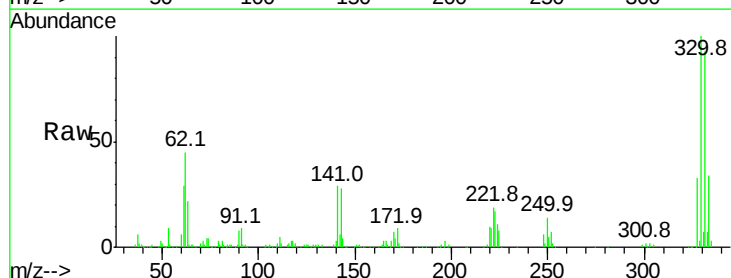
Tgt Ion:330 Resp: 234356

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

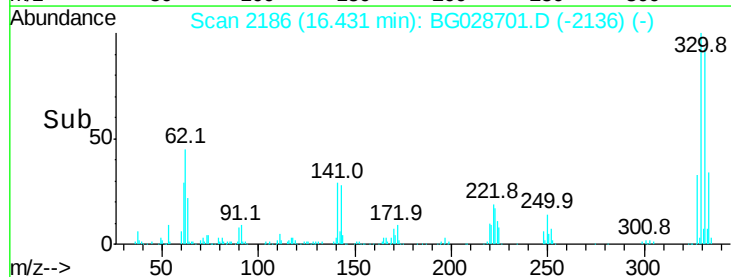
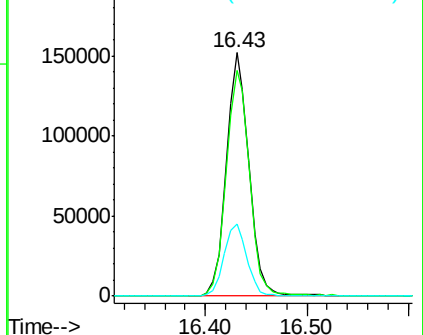
141 30.0 32.1 48.1#

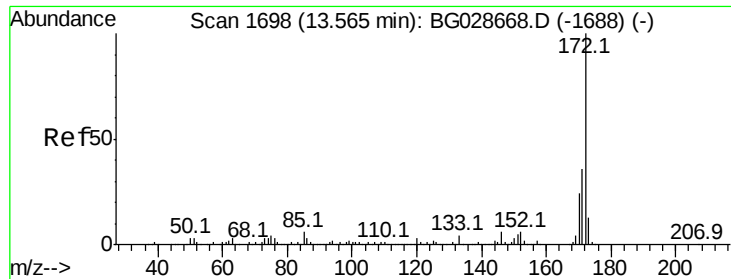


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

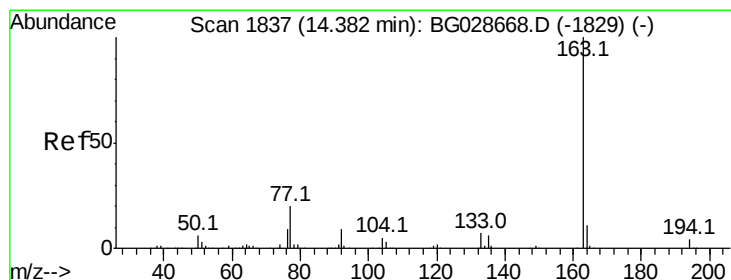
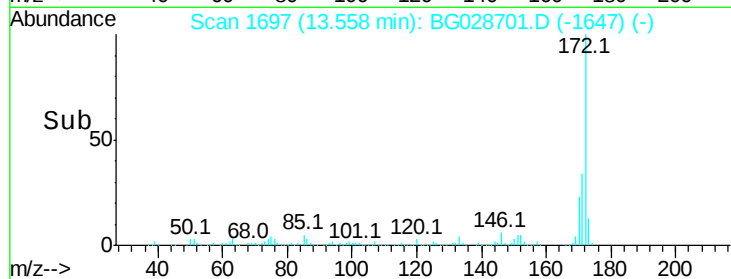
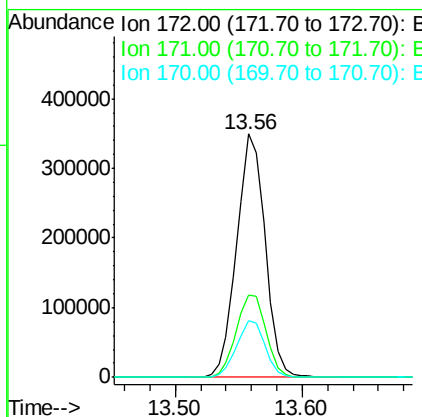
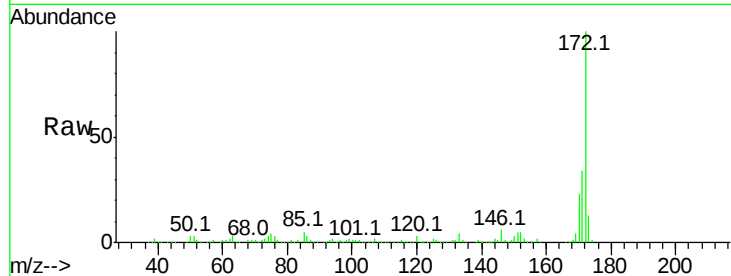




#44
2-Fluorobiphenyl
Concen: 92.874 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

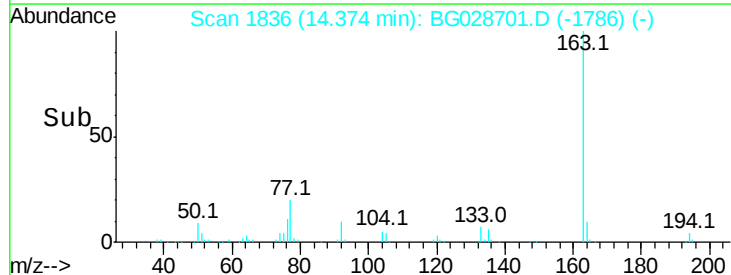
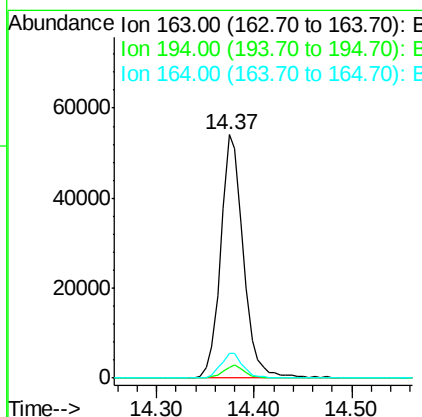
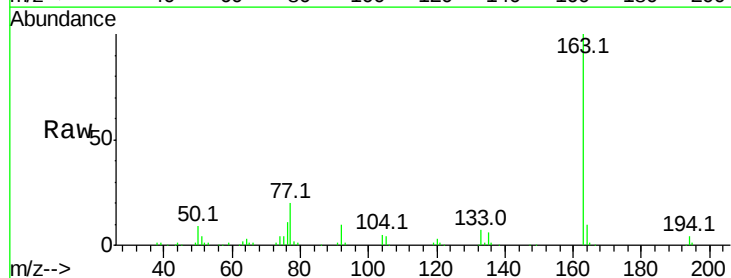
Instrument :
BNA_G
ClientSampleId :
EP-19

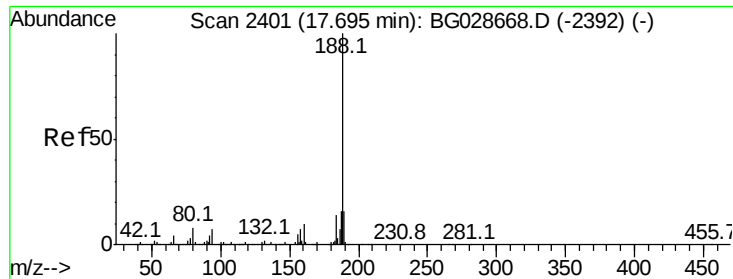
Tot Ion:172 Resp: 542234
Ion Ratio Lower Upper
172 100
171 33.9 32.2 48.2
170 23.4 21.8 32.6



#49
Dimethylphthalate
Concen: 13.309 ng
RT: 14.37 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

Tgt Ion:163 Resp: 86882
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.2 9.3 13.9

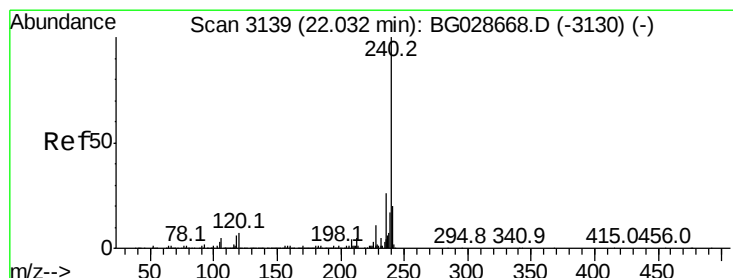
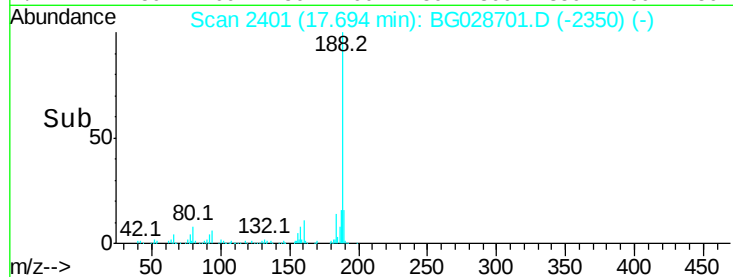
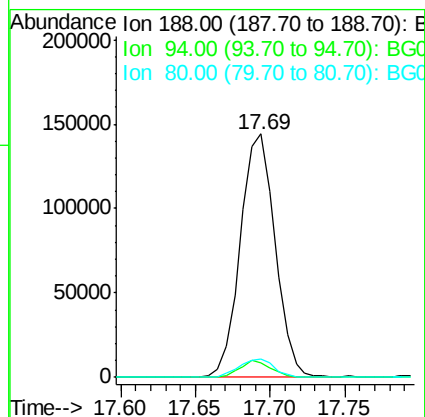
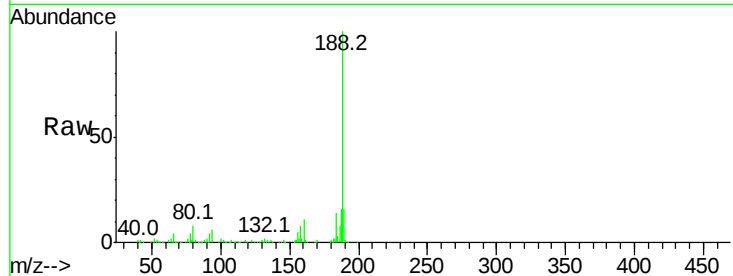




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

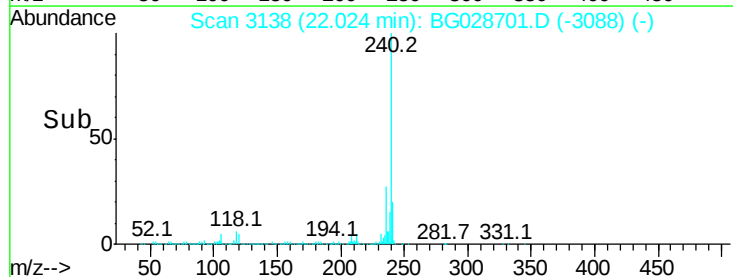
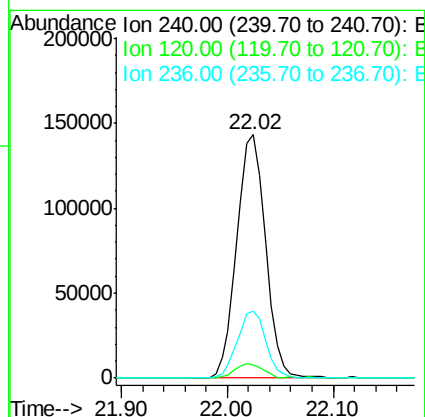
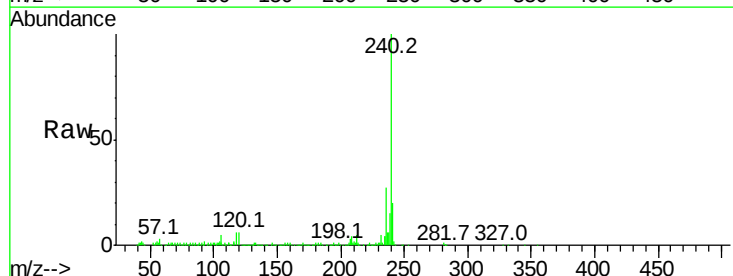
Instrument :
BNA_G
ClientSampleId :
EP-19

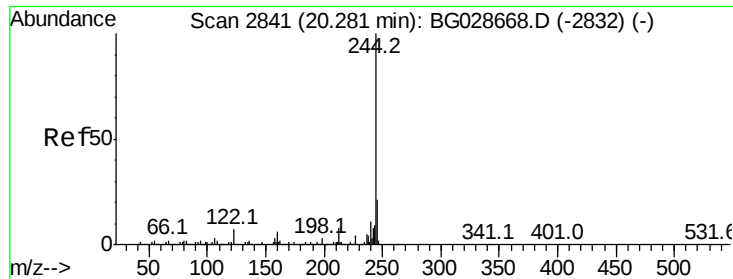
Tot Ion:188 Resp: 233150
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

Tgt Ion:240 Resp: 270384
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 27.4 22.2 33.4





#78

Terphenyl-d14

Concen: 86.849 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampled :

EP-19

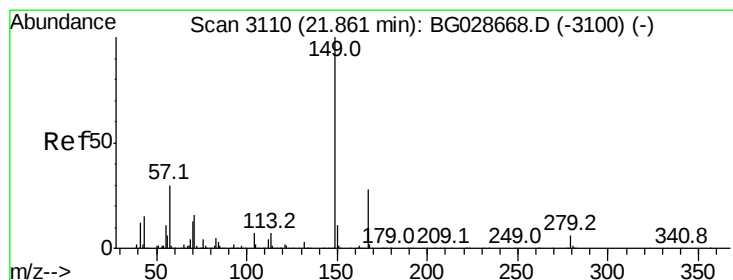
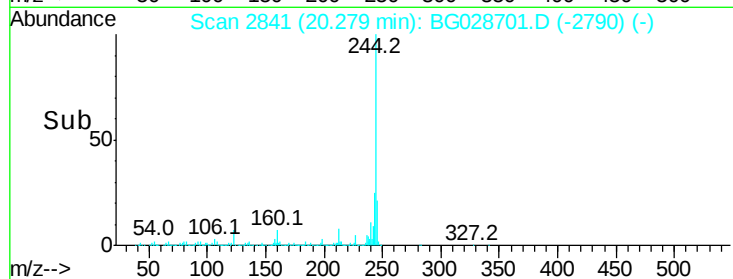
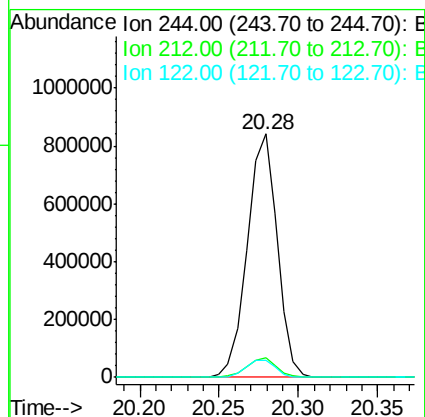
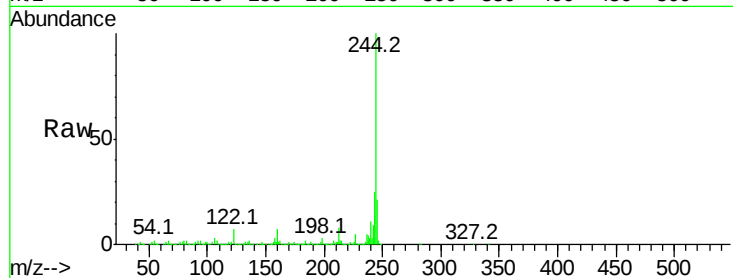
Tot Ion:244 Resp: 1101142

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 6.9 8.6 12.8#



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.217 ng

RT: 21.85 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

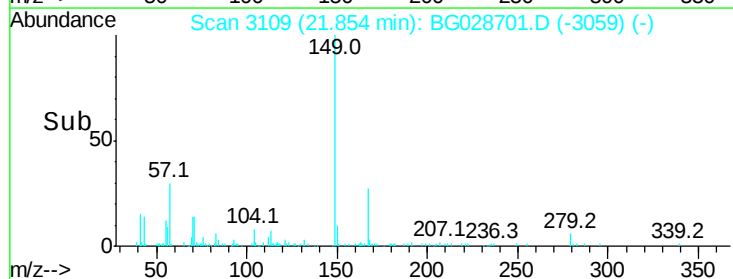
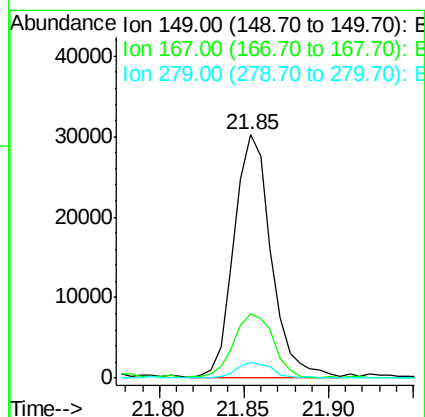
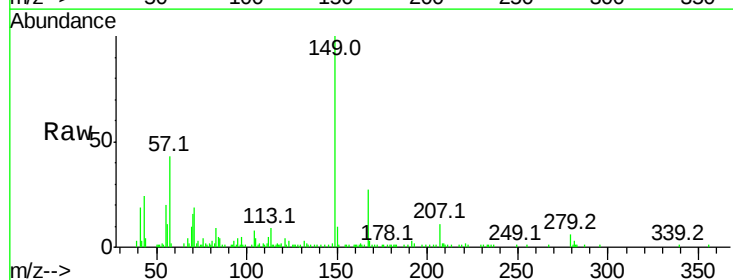
Tgt Ion:149 Resp: 46713

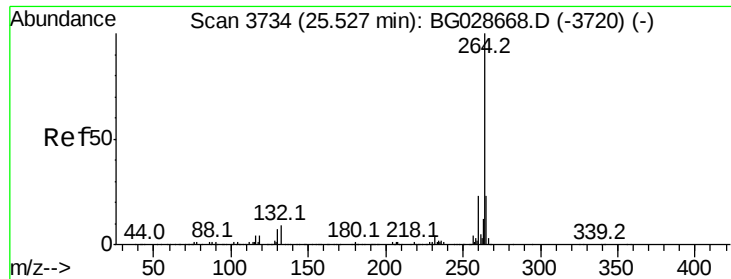
Ion Ratio Lower Upper

149 100

167 26.6 23.7 35.5

279 6.3 4.6 6.8

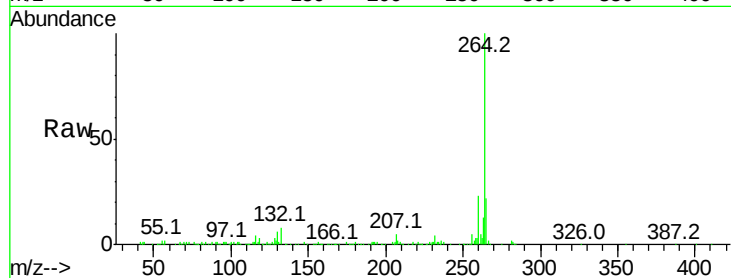




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.00 min
 Lab File: BG028701.D
 Acq: 13 Sep 2017 16:46

Instrument :
 BNA_G
 ClientSampleId :
 EP-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	21.8	18.2	27.4



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

