

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028856.D
 Acq On : 21 Sep 2017 13:42
 Operator : SJ/JU
 Sample : I5312-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 14:45:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 12:57:55 2017
 Response via : Initial Calibration

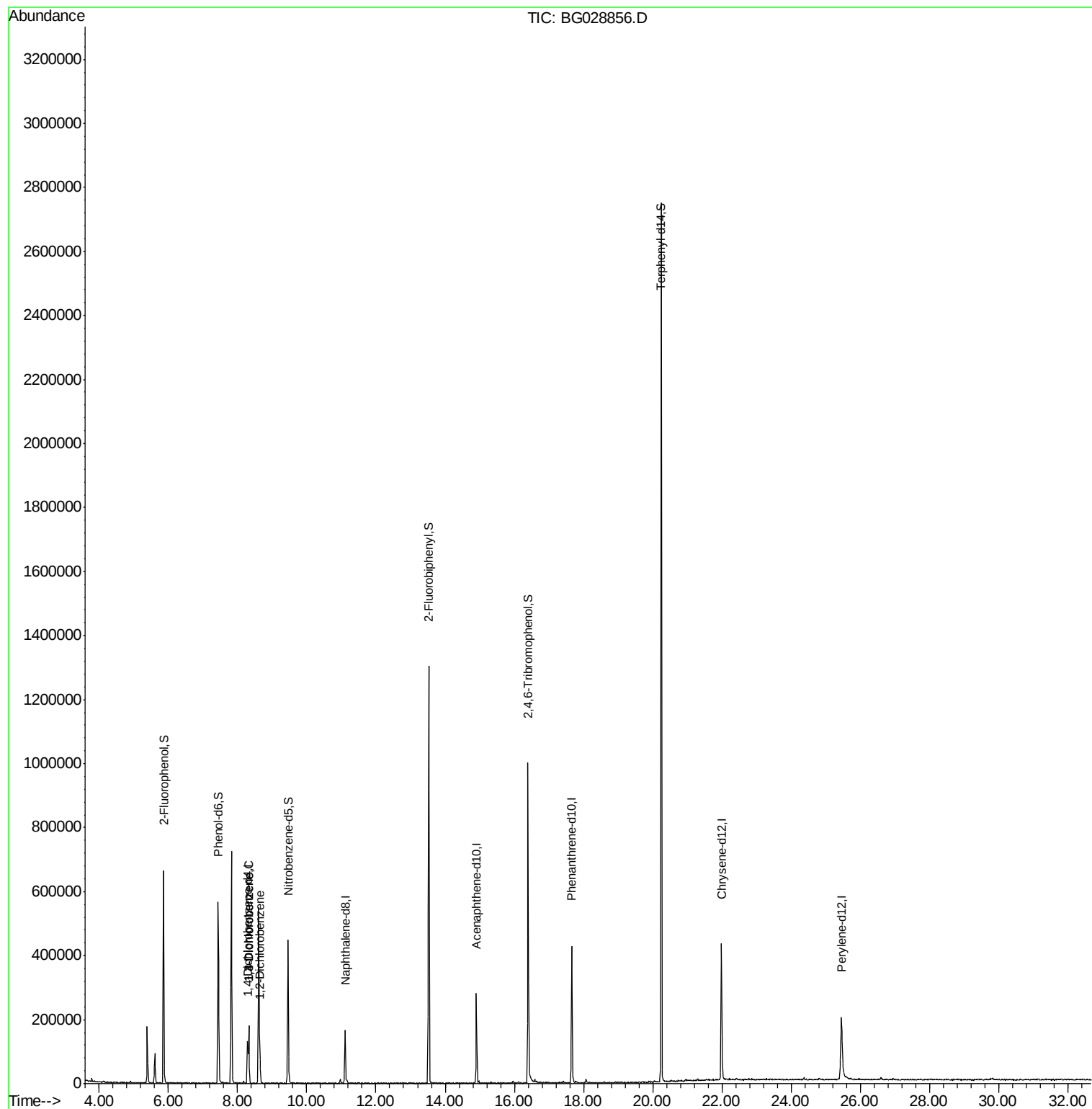
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36959	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	145374	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	102256	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	282283	20.00	ng	0.00
75) Chrysene-d12	21.98	240	304158	20.00	ng	0.00
86) Perylene-d12	25.45	264	297406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	290826	129.84	ng	0.00
7) Phenol-d6	7.44	99	339701	100.73	ng	0.00
23) Nitrobenzene-d5	9.46	82	289589	95.29	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	232063	137.21	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	737872	96.22	ng	0.00
78) Terphenyl-d14	20.25	244	1367699	95.89	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	8.32	146	74806	27.822	ng	95
13) 1,4-Dichlorobenzene	8.32	146	74806	27.057	ng	98
14) 1,2-Dichlorobenzene	8.65	146	36555	13.383	ng	98

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

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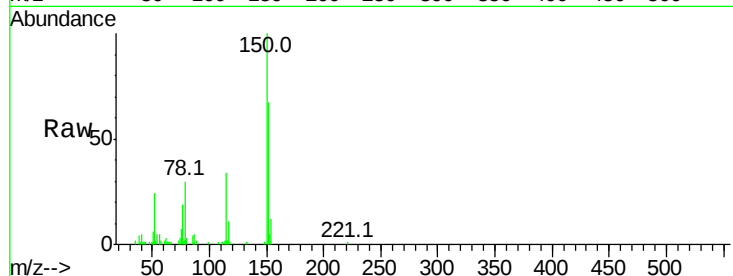


#1

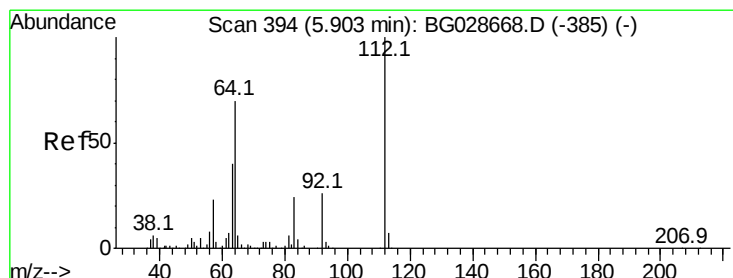
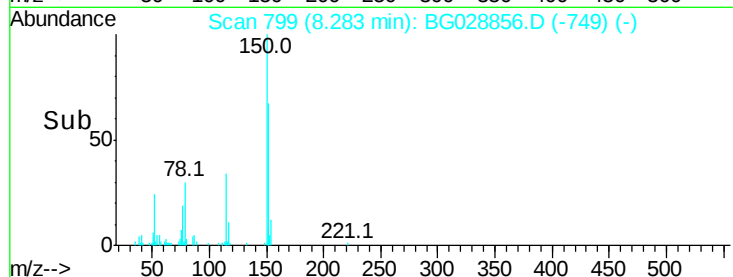
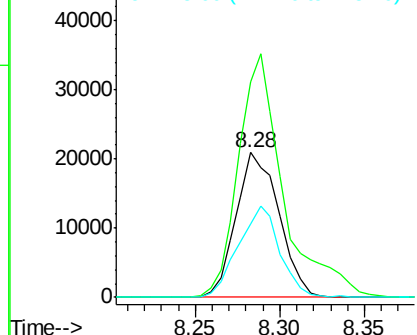
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36959
Ion Ratio Lower Upper
152 100
150 148.4 114.0 171.0
115 50.7 48.1 72.1



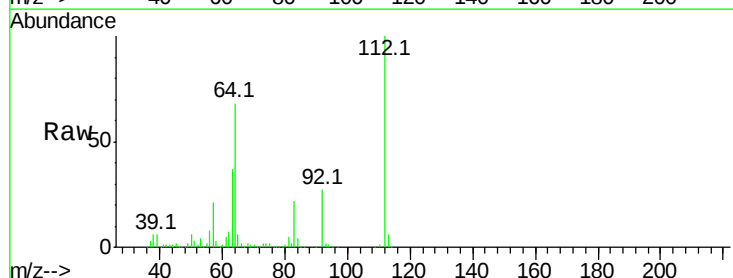
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



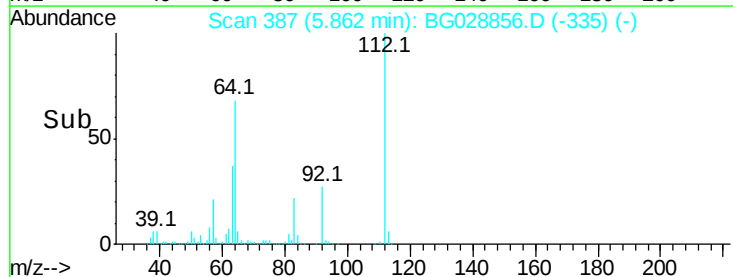
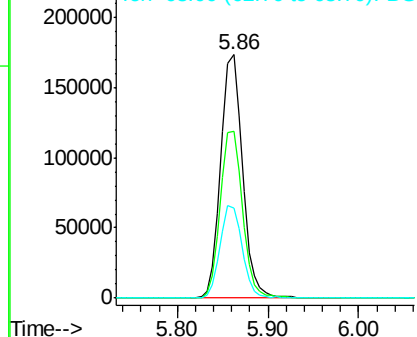
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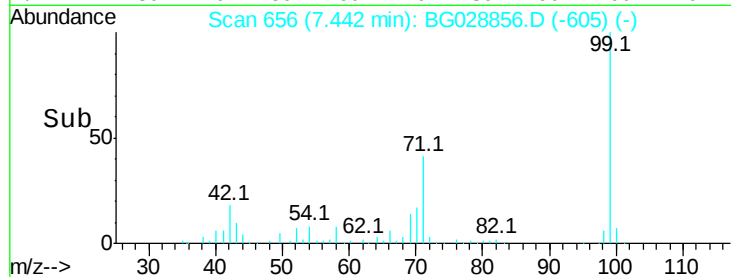
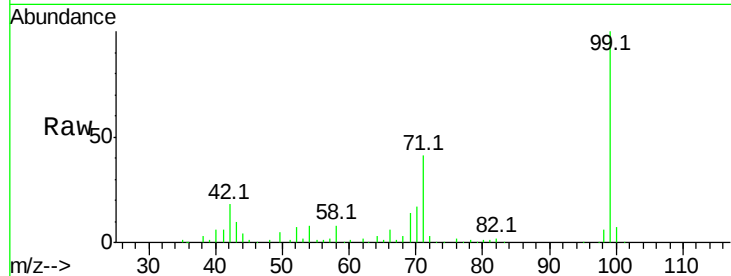
2-Fluorophenol
Concen: 129.840 ng
RT: 5.86 min Scan# 387
Delta R.T. 0.01 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

Tgt Ion:112 Resp: 290826
Ion Ratio Lower Upper
112 100
64 68.3 61.8 92.6
63 36.7 37.2 55.8#



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: 100.730 ng

RT: 7.44 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

ClientSampleId :

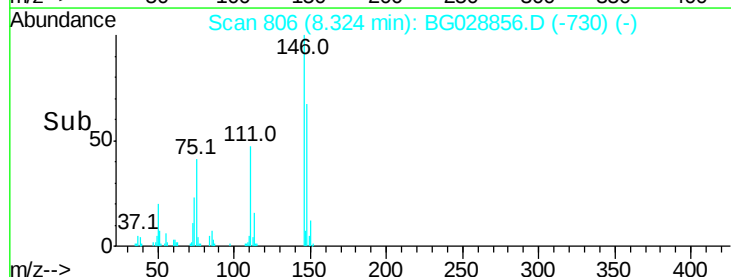
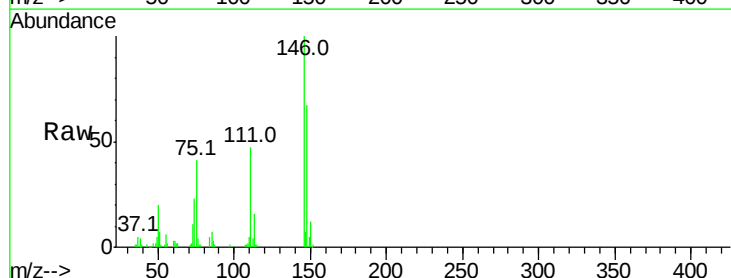
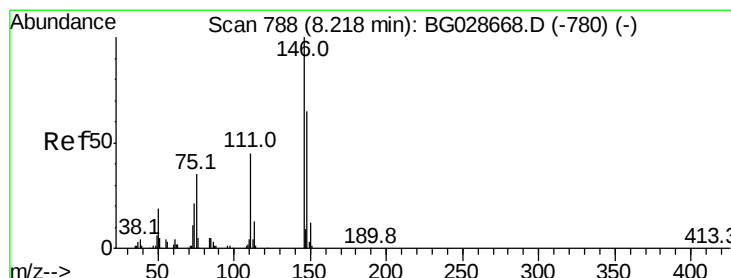
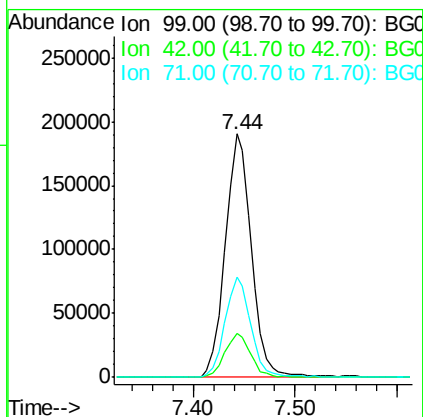
Tot Ion: 99 Resp: 339701

Ion Ratio Lower Upper

99 100

42 17.9 20.5 30.7#

71 41.2 37.6 56.4



#12

1,3-Dichlorobenzene

Concen: 27.822 ng

RT: 8.32 min Scan# 806

Delta R.T. 0.15 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

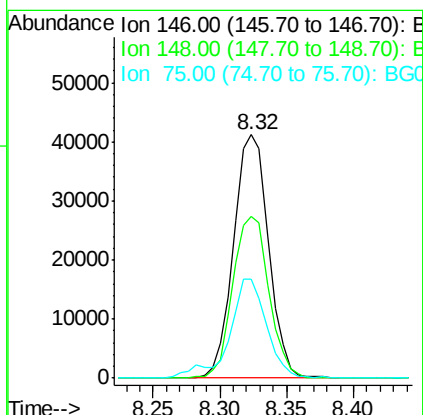
Tgt Ion:146 Resp: 74806

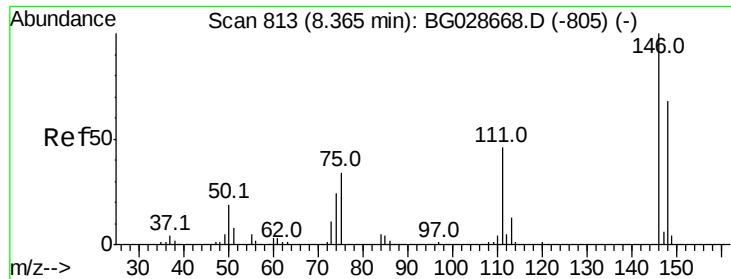
Ion Ratio Lower Upper

146 100

148 66.6 49.2 73.8

75 40.8 33.4 50.2

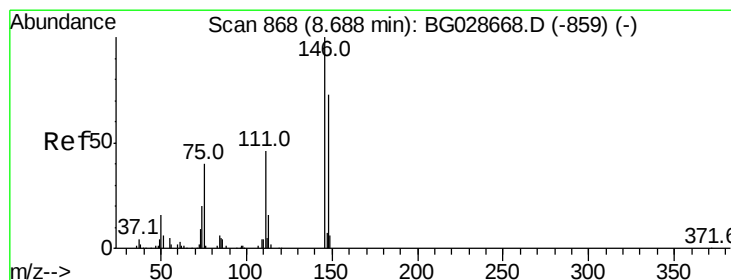
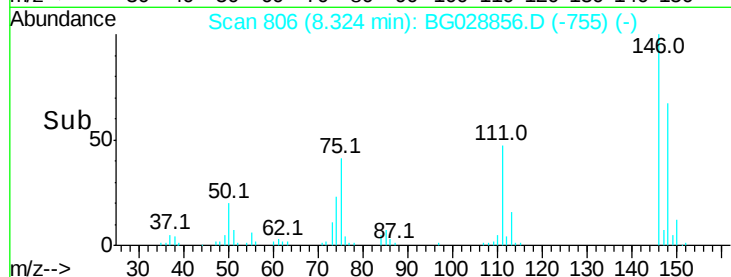
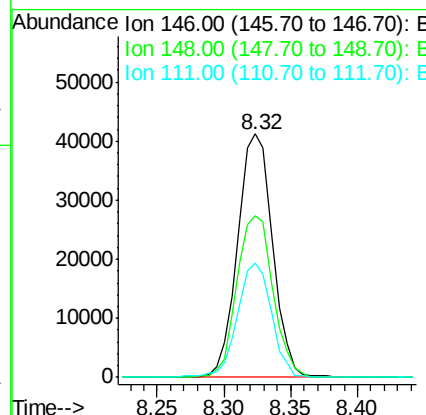
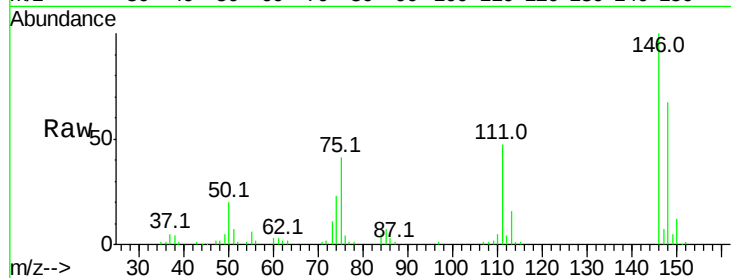




#13
 1,4-Dichlorobenzene
 Concen: 27.057 ng
 RT: 8.32 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG028856.D
 Acq: 21 Sep 2017 13:42

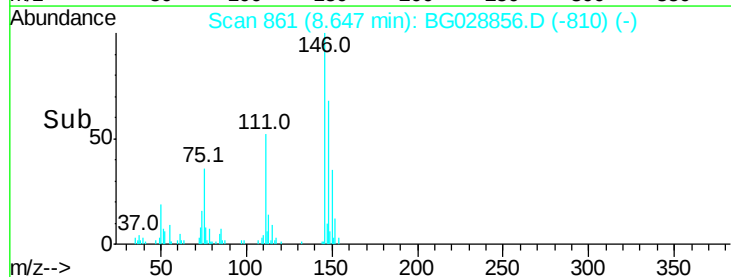
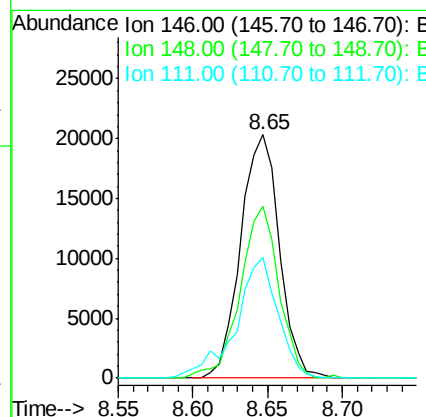
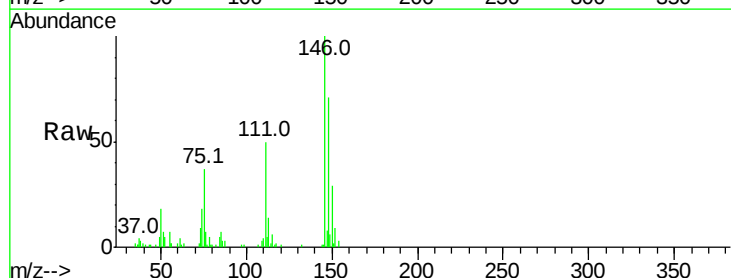
Instrument :
 BNA_G
 ClientSampleId :

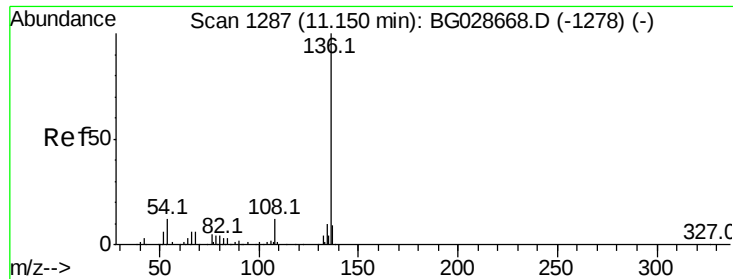
Tot Ion:146 Resp: 74806
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.2 78.2
 111 47.2 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 13.383 ng
 RT: 8.65 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BG028856.D
 Acq: 21 Sep 2017 13:42

Tgt Ion:146 Resp: 36555
 Ion Ratio Lower Upper
 146 100
 148 70.7 54.6 81.8
 111 49.7 39.7 59.5

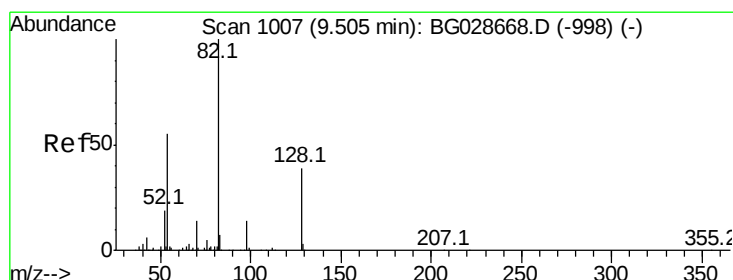
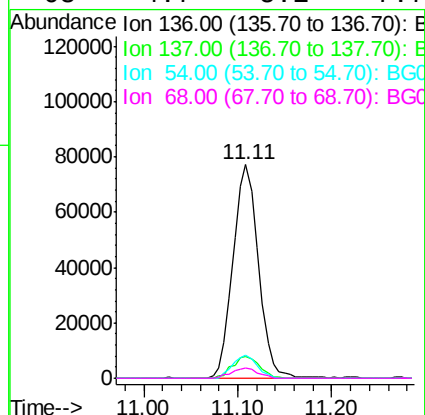
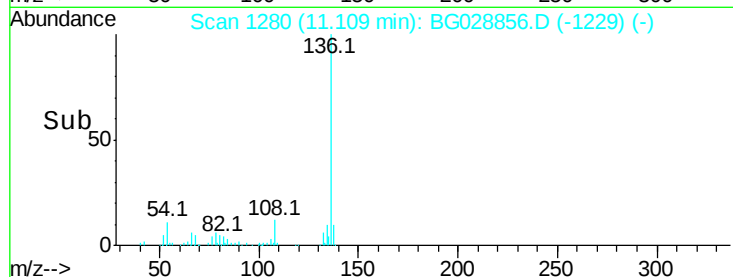
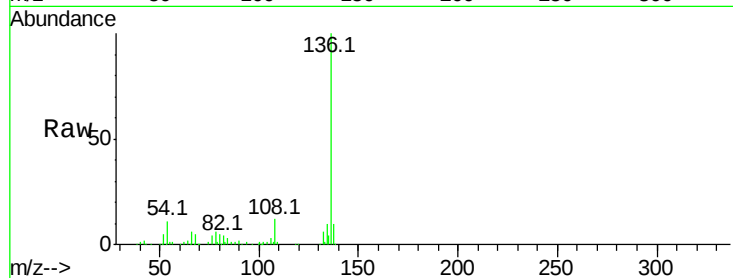




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

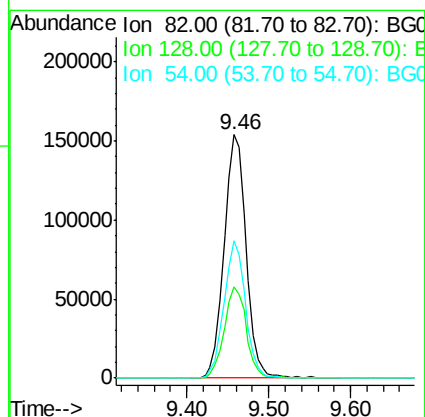
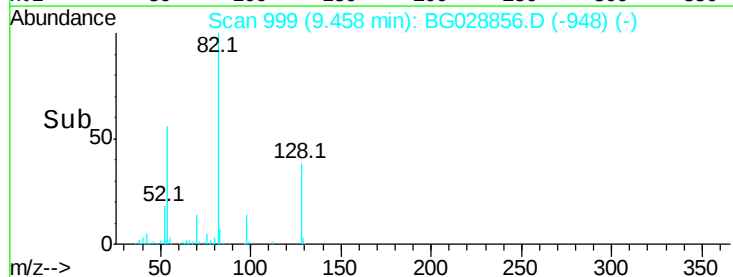
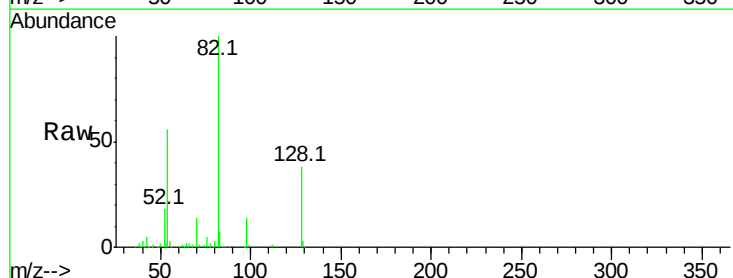
Instrument :
BNA_G
ClientSampleId :

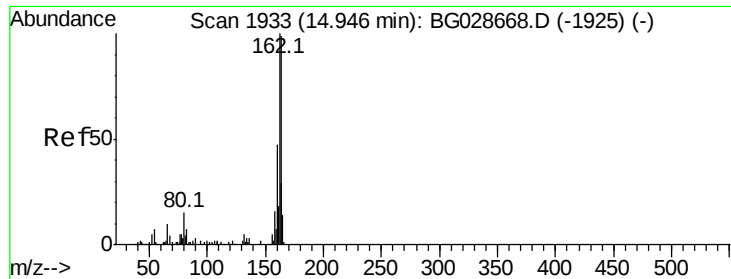
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	11.1	9.3	13.9
68	4.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 95.293 ng
RT: 9.46 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.4	39.6
54	56.3	49.4	74.2

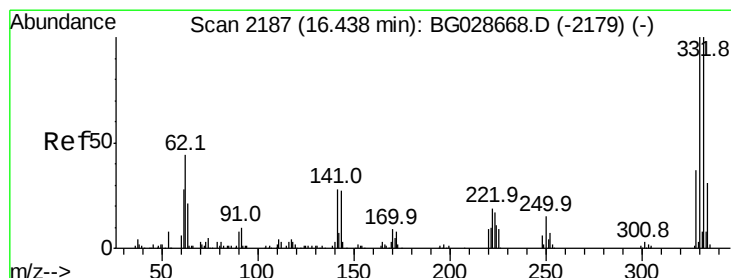
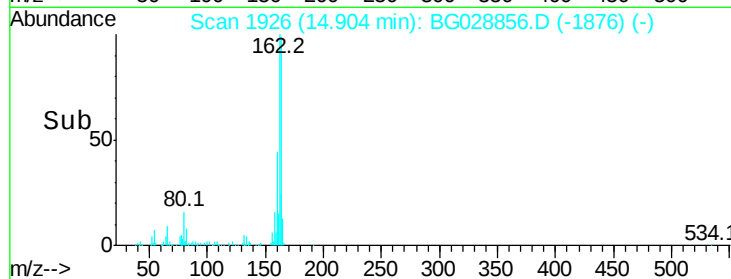
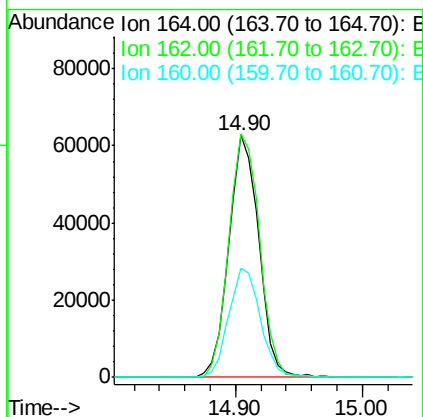
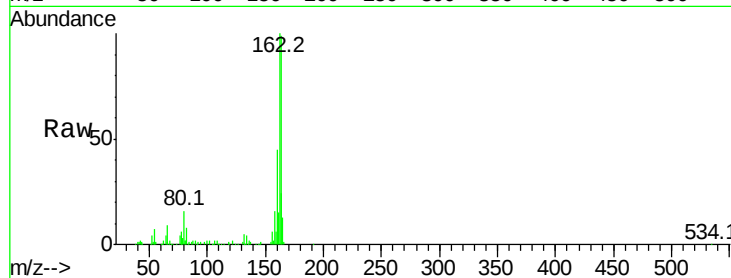




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

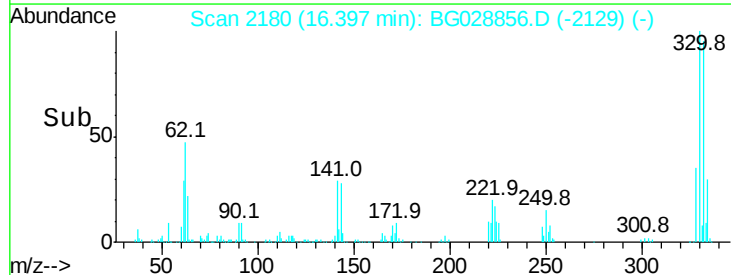
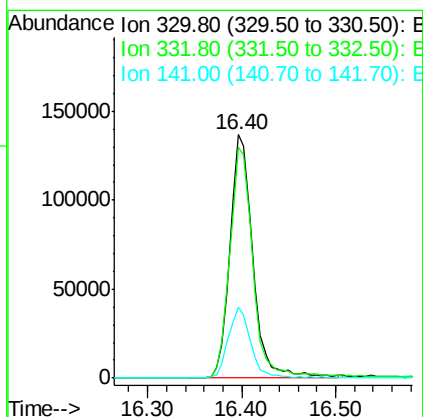
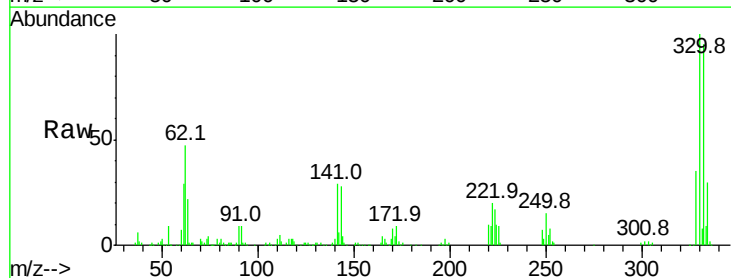
Instrument :
BNA_G
ClientSampleId :

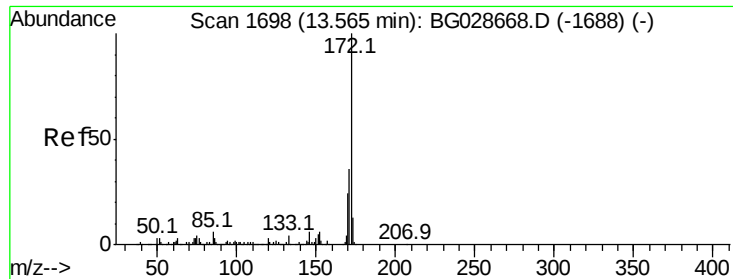
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	85.1	127.7
160	45.1	34.7	52.1



#41
2,4,6-Tribromophenol
Concen: 137.214 ng
RT: 16.40 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	28.2	32.1	48.1#

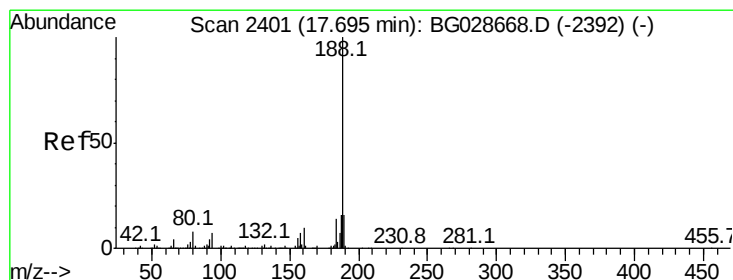
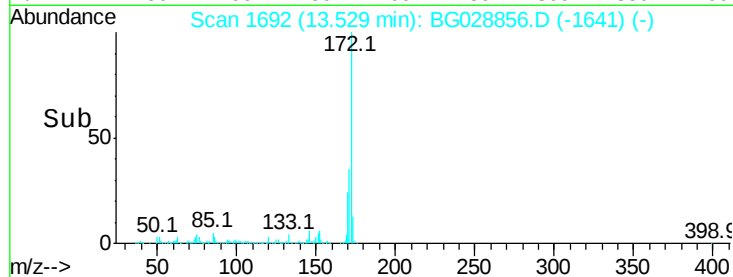
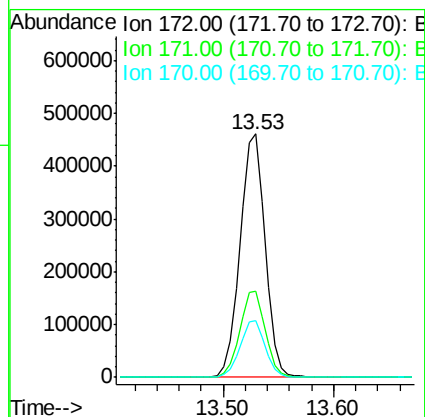
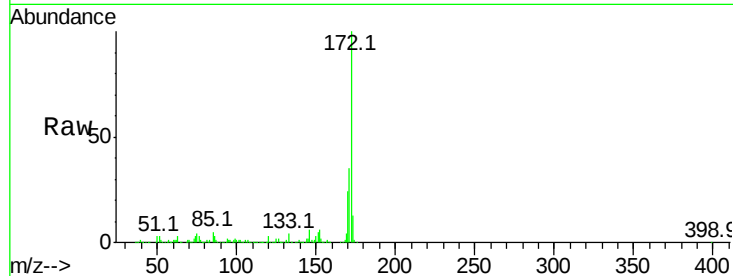




#44
2-Fluorobiphenyl
Concen: 96.219 ng
RT: 13.53 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

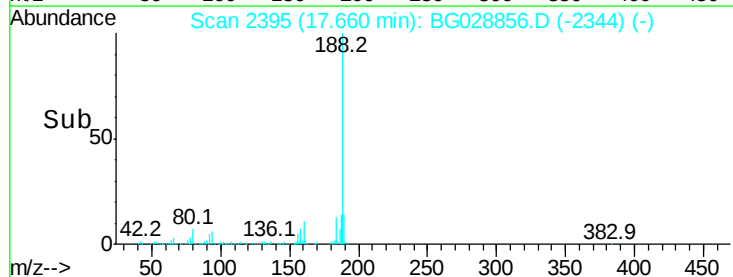
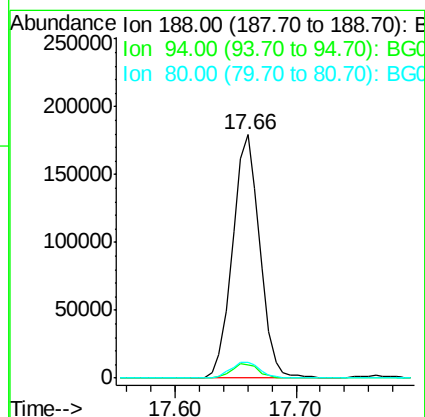
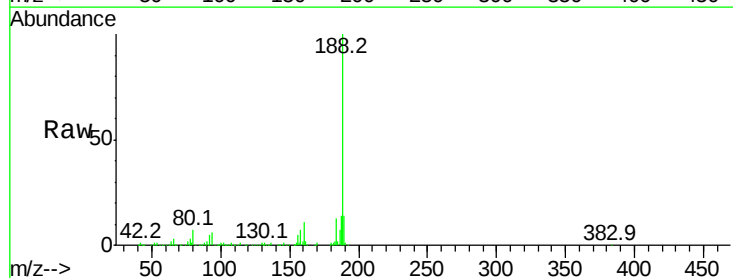
Instrument :
BNA_G
ClientSampleId :

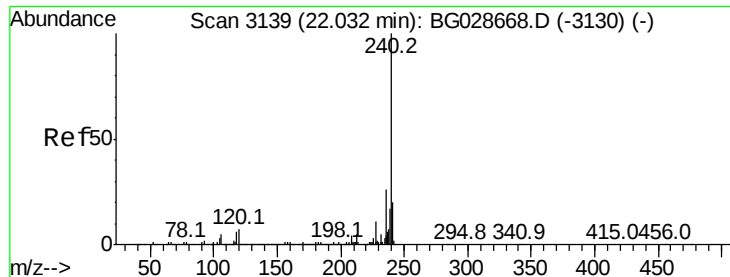
Tot Ion:172 Resp: 737872
Ion Ratio Lower Upper
172 100
171 35.2 32.2 48.2
170 23.5 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

Tgt Ion:188 Resp: 282283
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.8#
80 6.6 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

ClientSampleId :

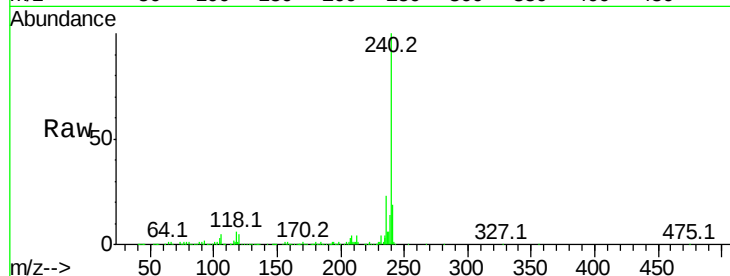
Tot Ion:240 Resp: 304158

Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

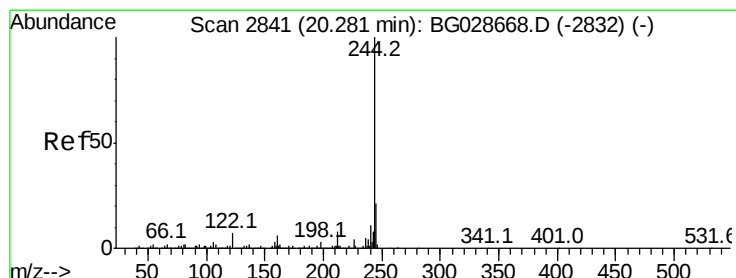
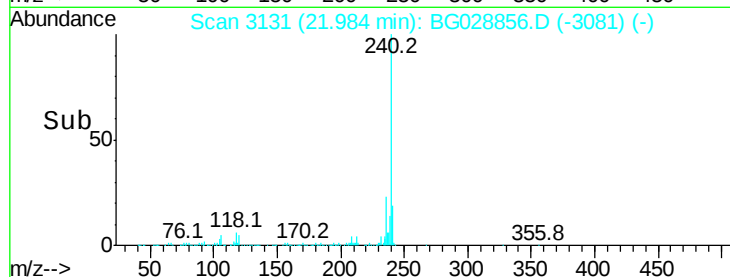
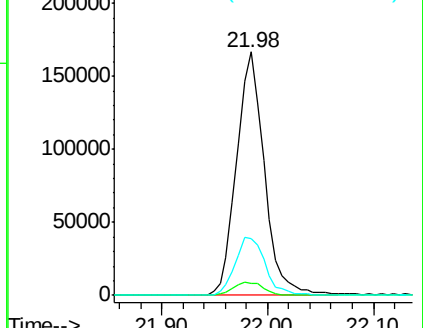
236 23.3 22.2 33.4



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: 95.895 ng

RT: 20.25 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

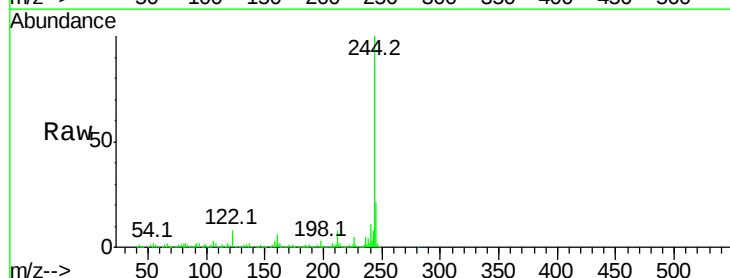
Tgt Ion:244 Resp: 1367699

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

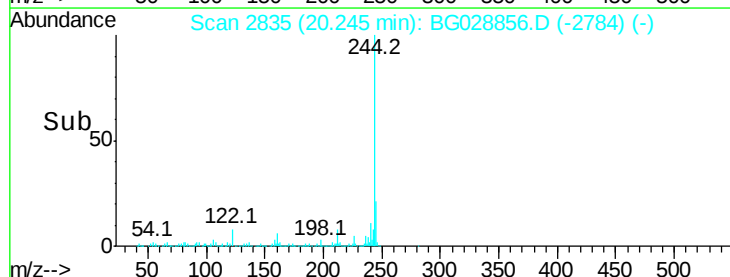
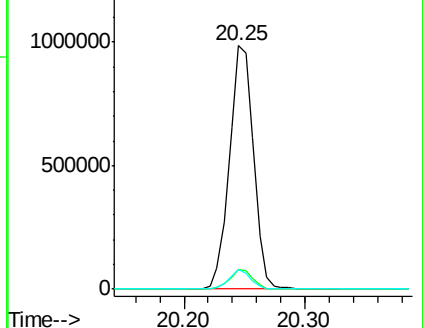
122 7.9 8.6 12.8#

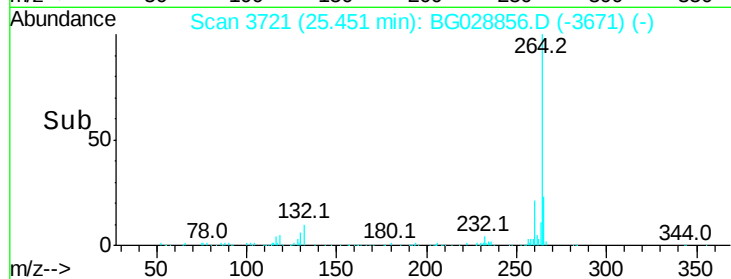
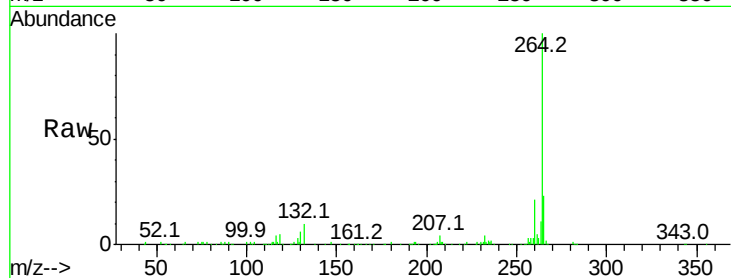
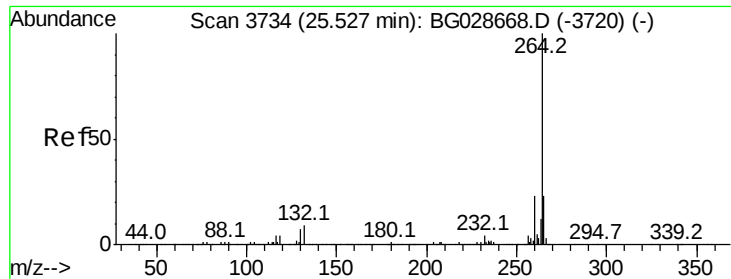


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.01 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 297406

Ion Ratio Lower Upper

264 100

260 21.2 21.8 32.8#

265 22.5 18.2 27.4

