

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027805.D
 Acq On : 2 Jul 2017 5:19
 Operator : SJ/JU
 Sample : I4020-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 07:00:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

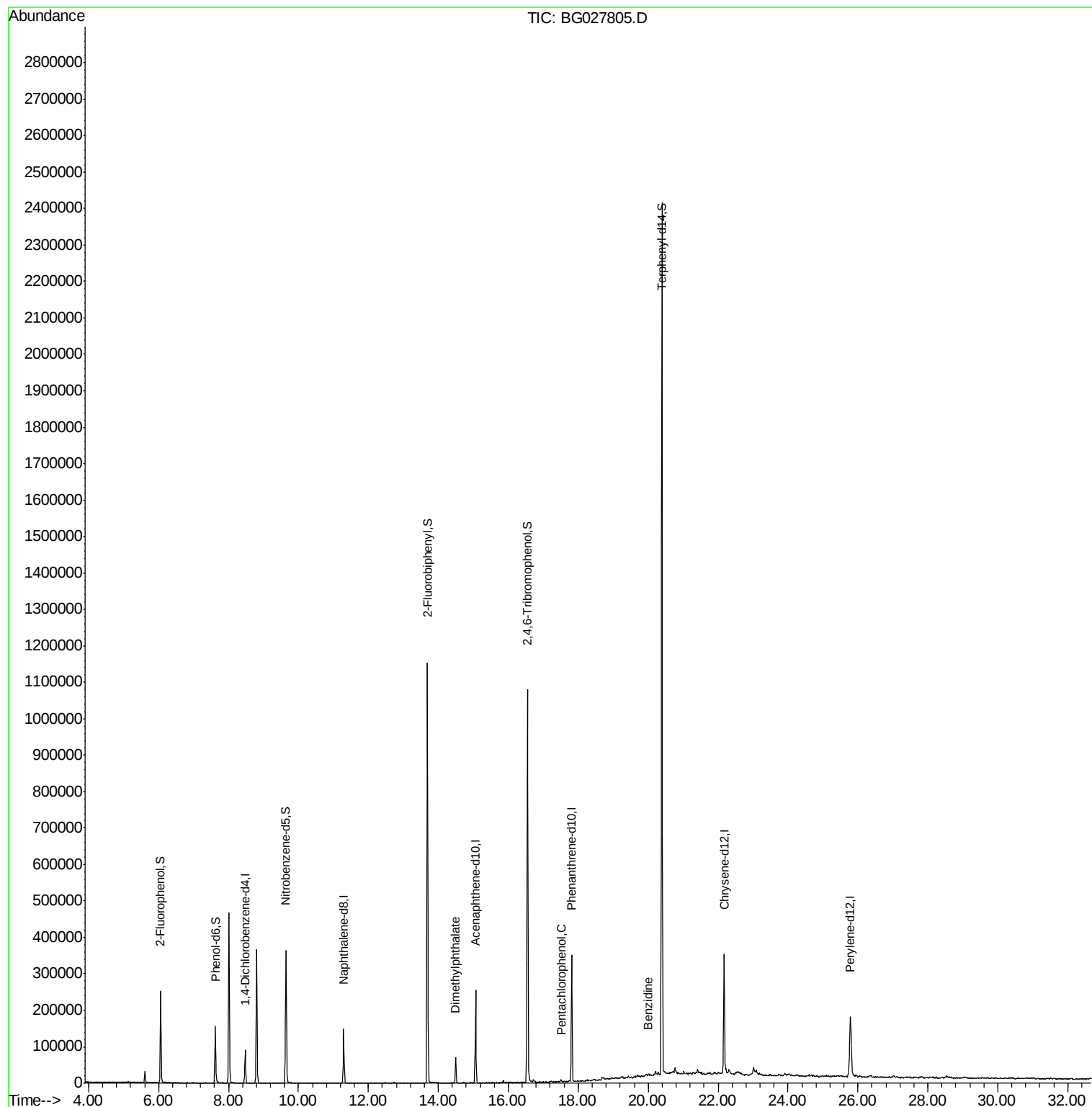
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	26259	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	133847	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	89035	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	219878	20.00	ng	0.00
75) Chrysene-d12	22.17	240	219782	20.00	ng	0.00
86) Perylene-d12	25.78	264	214773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	110529	64.82	ng	0.00
7) Phenol-d6	7.62	99	99792	38.31	ng	0.00
23) Nitrobenzene-d5	9.64	82	224804	93.62	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	226991	185.87	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	626113	100.43	ng	0.00
78) Terphenyl-d14	20.39	244	1102291	117.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.50	163	49353	6.50	ng	# 95
69) Pentachlorophenol	17.50	266	59	6.20	ng	# 20
76) Benzidine	19.99	184	57	3.23	ng	# 64

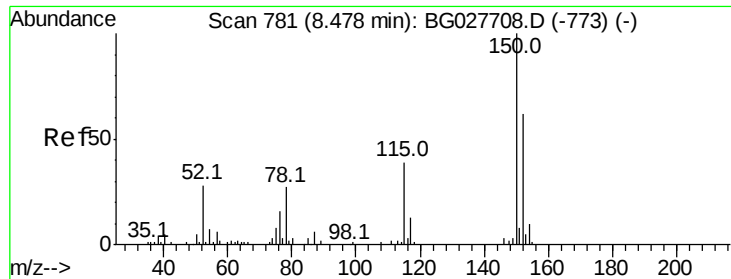
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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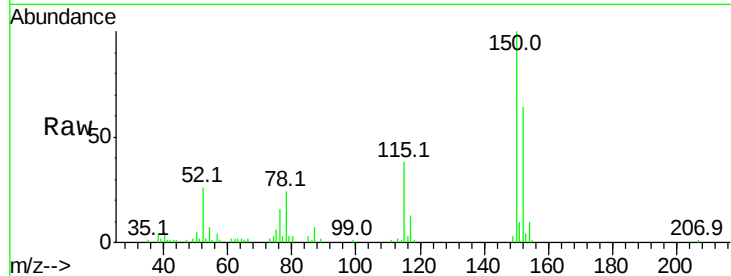


#1

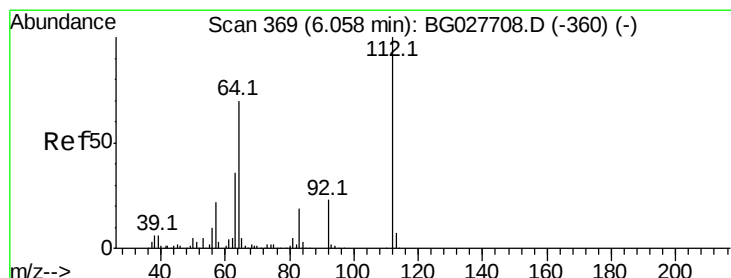
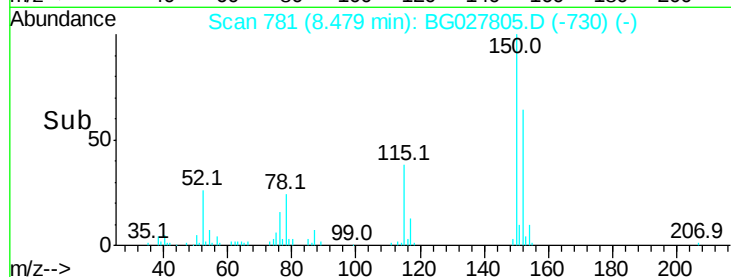
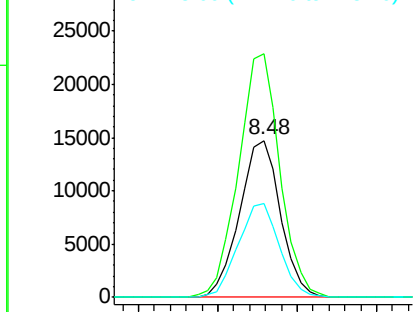
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027805.D
Acq: 2 Jul 2017 5:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26259
Ion Ratio Lower Upper
152 100
150 155.2 114.0 171.0
115 59.5 48.1 72.1



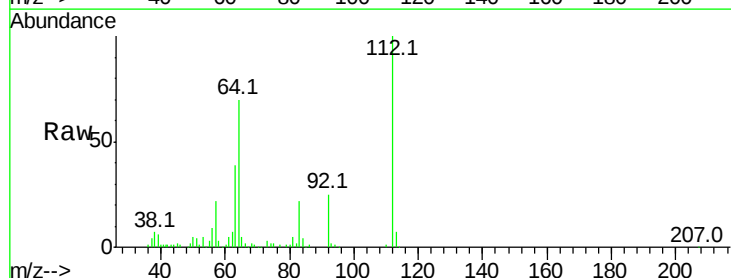
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



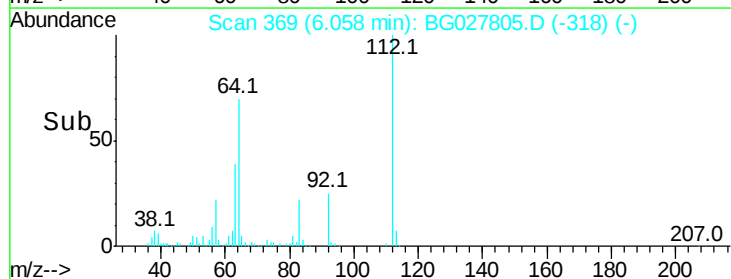
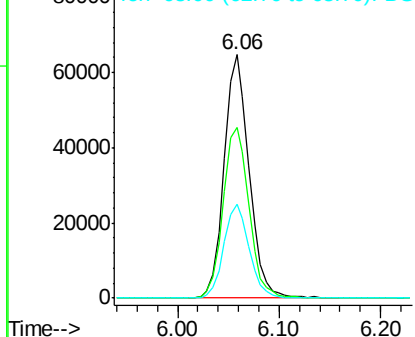
#5

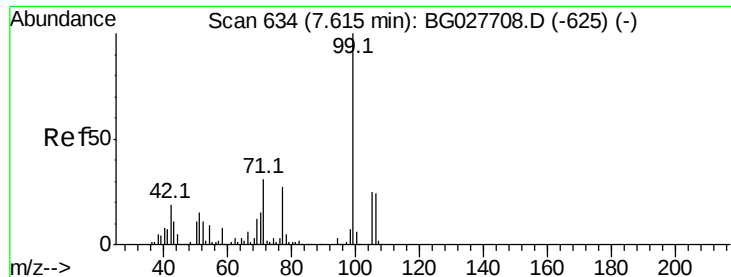
2-Fluorophenol
Concen: 64.82 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027805.D
Acq: 2 Jul 2017 5:19

Tgt Ion:112 Resp: 110529
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 38.5 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: 38.31 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Instrument :

BNA_G

ClientSampleId :

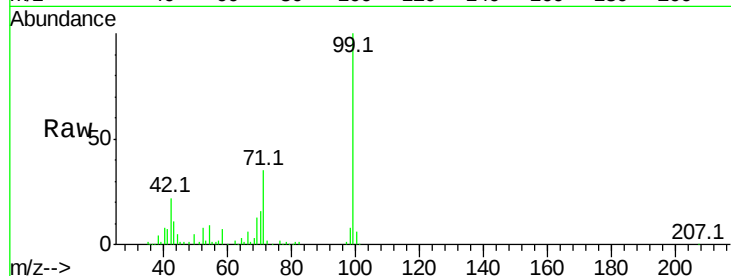
Tot Ion: 99 Resp: 99792

Ion Ratio Lower Upper

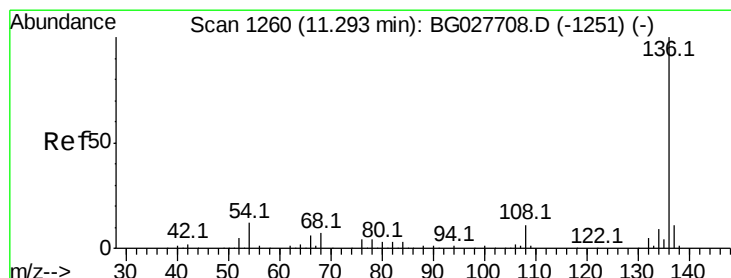
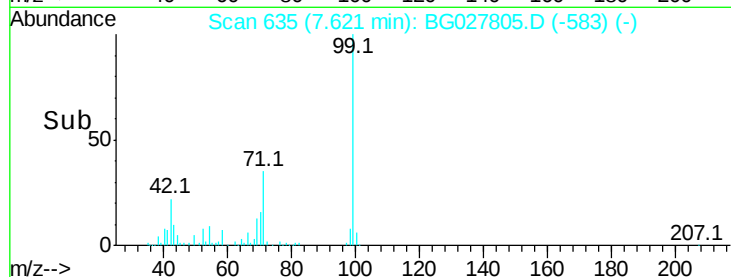
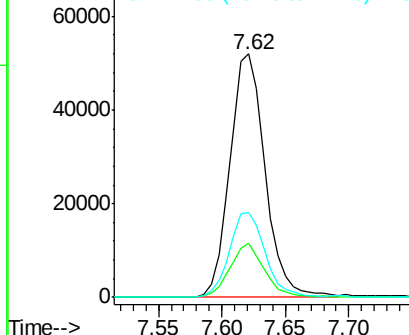
99 100

42 22.3 20.5 30.7

71 34.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Tgt Ion: 136 Resp: 133847

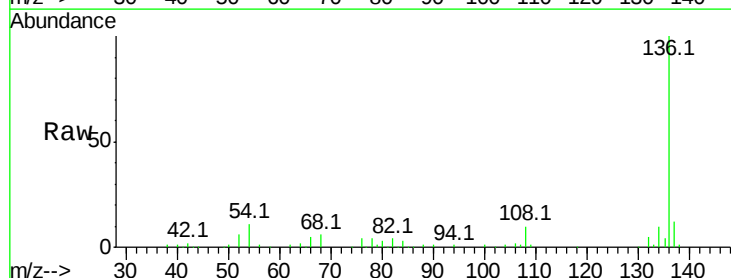
Ion Ratio Lower Upper

136 100

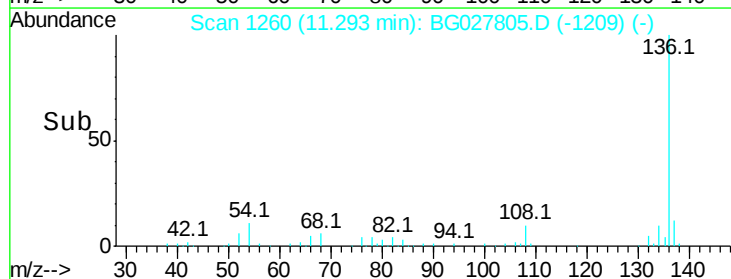
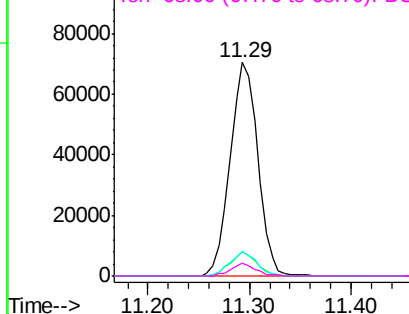
137 11.6 8.9 13.3

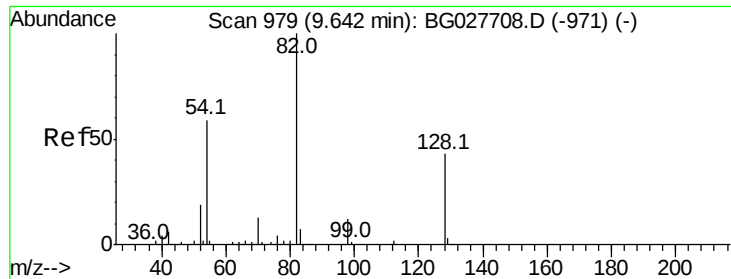
54 11.3 9.3 13.9

68 6.2 5.1 7.7



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

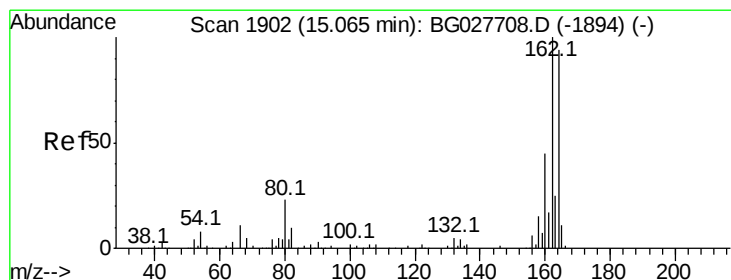
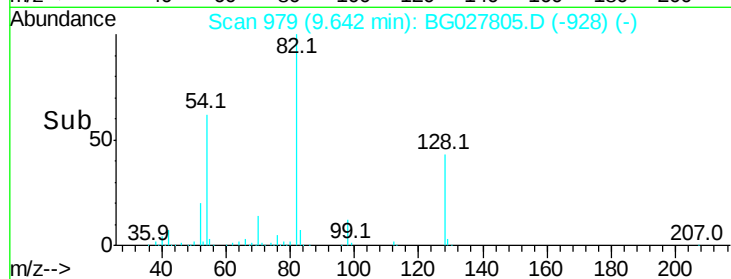
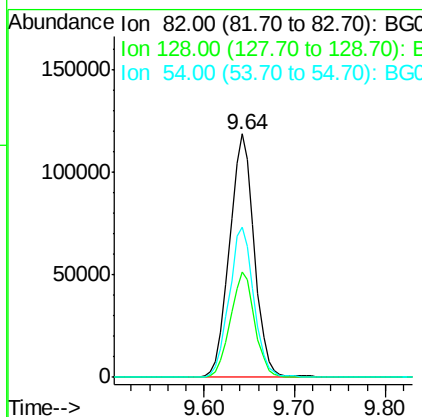
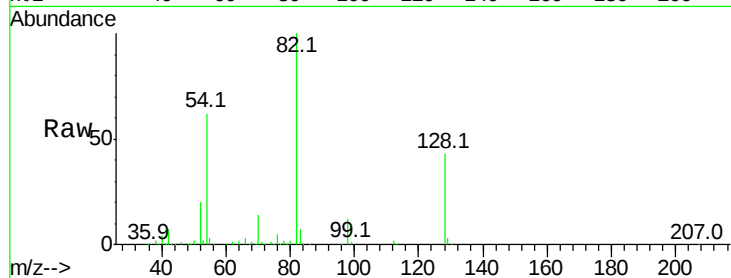




#23
 Nitrobenzene-d5
 Concen: 93.62 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

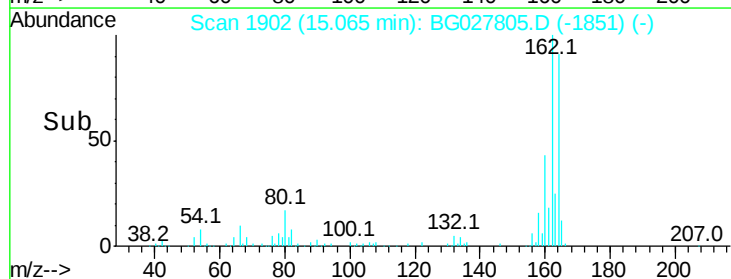
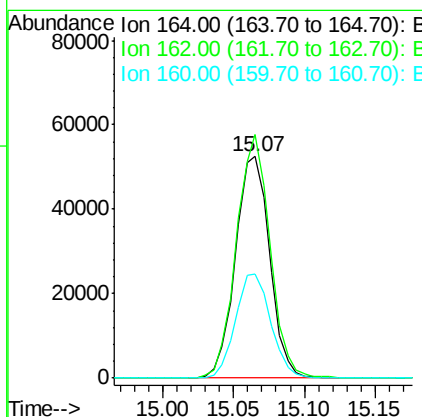
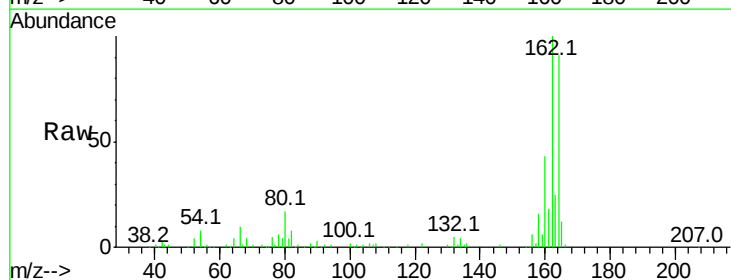
Instrument :
 BNA_G
 ClientSampleId :

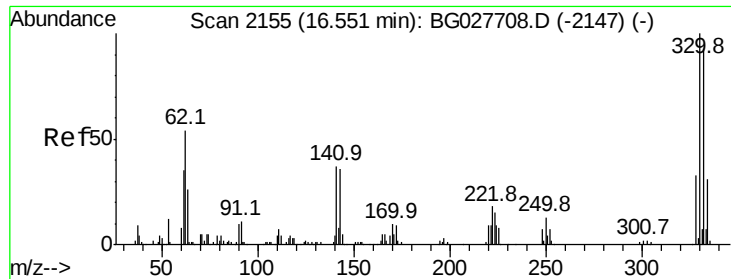
Tot Ion: 82 Resp: 224804
 Ion Ratio Lower Upper
 82 100
 128 43.5 26.4 39.6#
 54 61.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

Tgt Ion:164 Resp: 89035
 Ion Ratio Lower Upper
 164 100
 162 109.8 85.1 127.7
 160 47.2 34.7 52.1

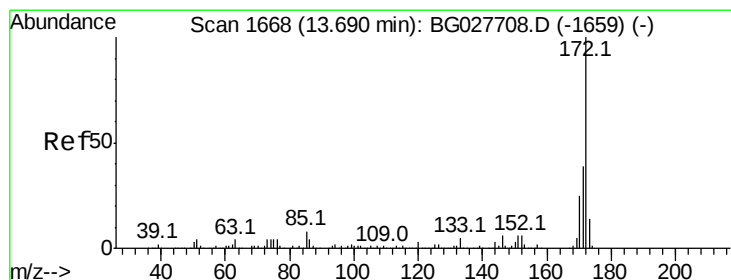
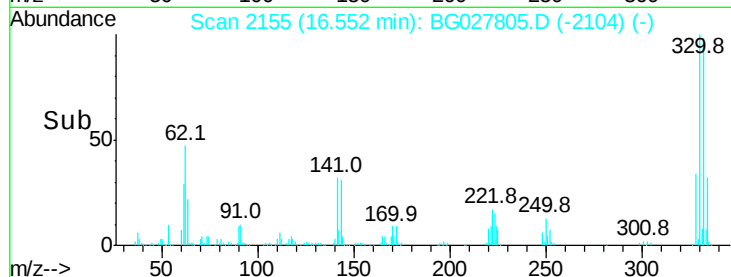
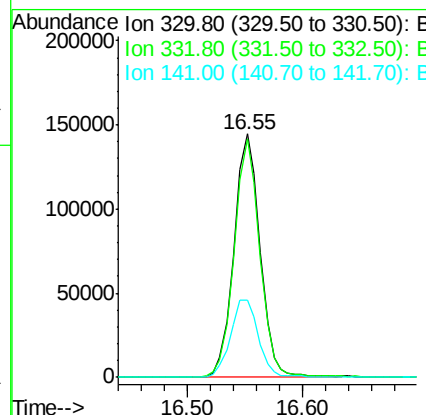
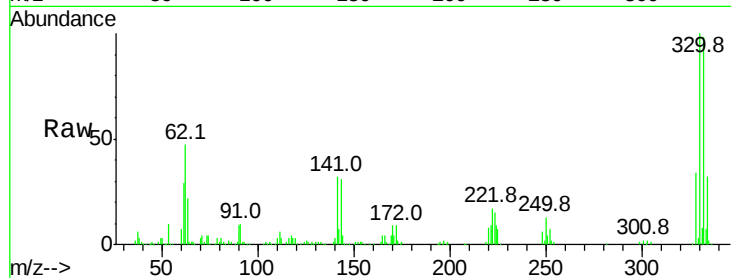




#41
 2,4,6-Tribromophenol
 Concen: 185.87 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

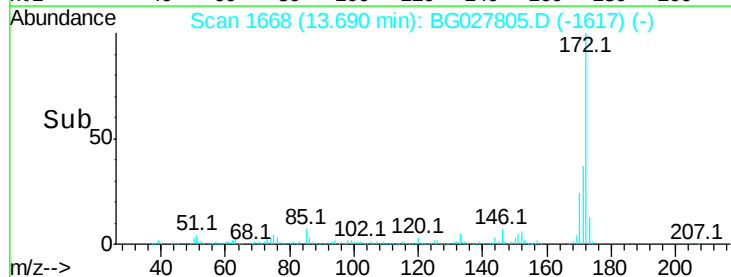
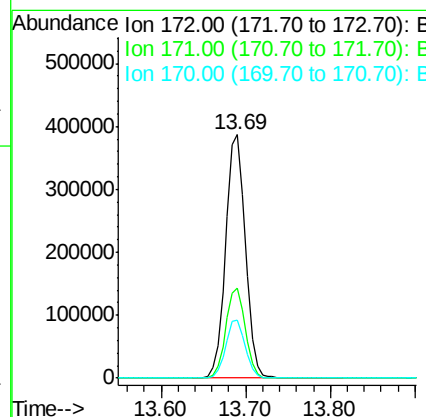
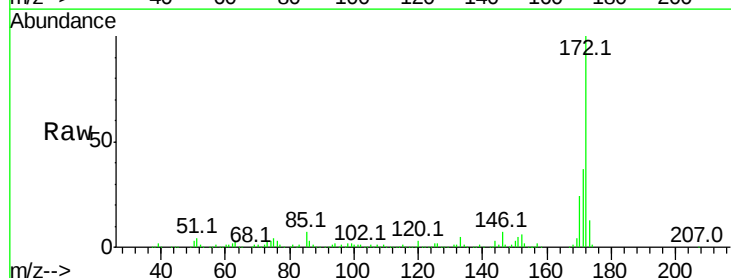
Instrument :
 BNA_G
 ClientSampled :

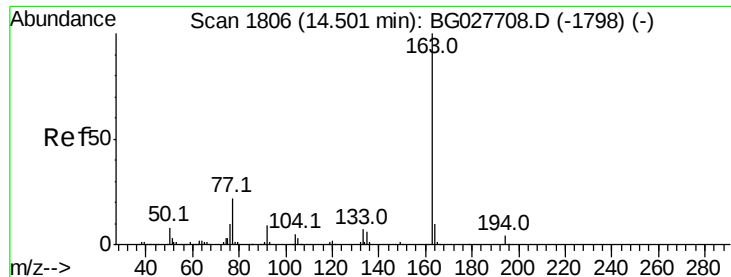
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	34.5	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 100.43 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	24.1	21.8	32.6





#49

Dimethylphthalate

Concen: 6.50 ng

RT: 14.50 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Instrument :

BNA_G

ClientSampleId :

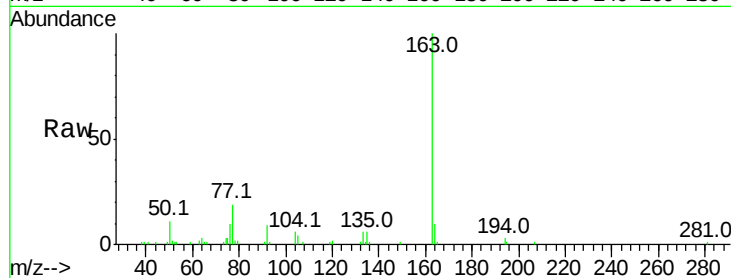
Tot Ion:163 Resp: 49353

Ion Ratio Lower Upper

163 100

194 3.4 3.8 5.6#

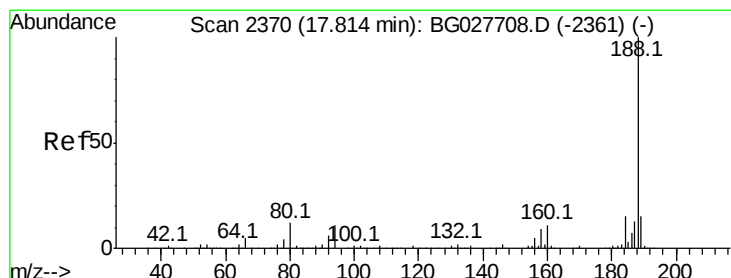
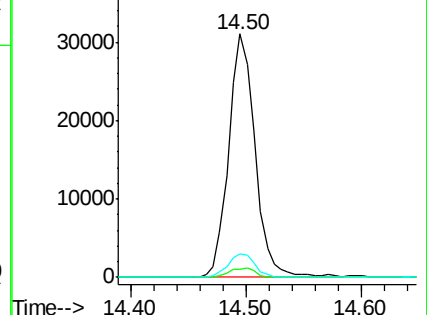
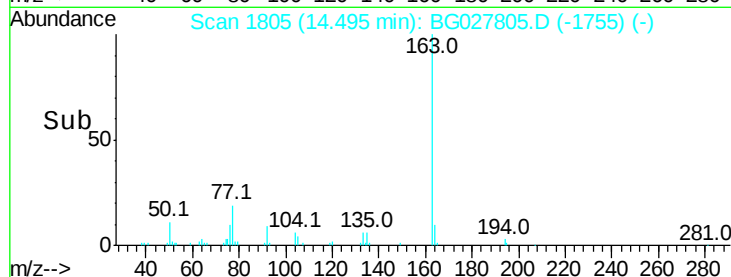
164 9.6 9.3 13.9



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: 17.81 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

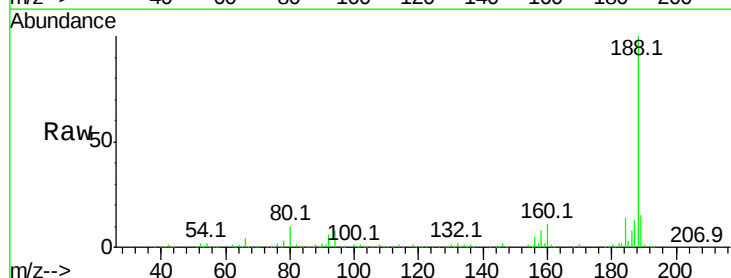
Tgt Ion:188 Resp: 219878

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

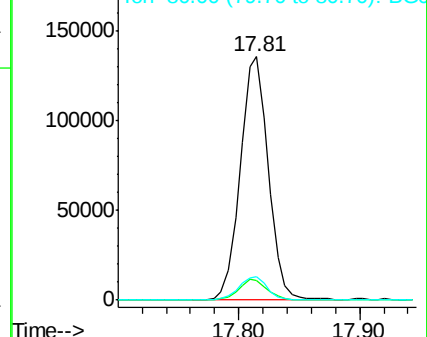
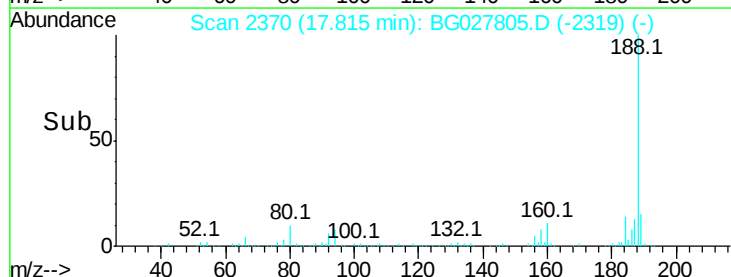
80 9.7 7.5 11.3

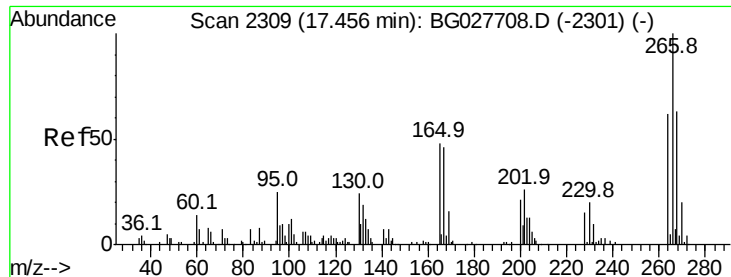


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

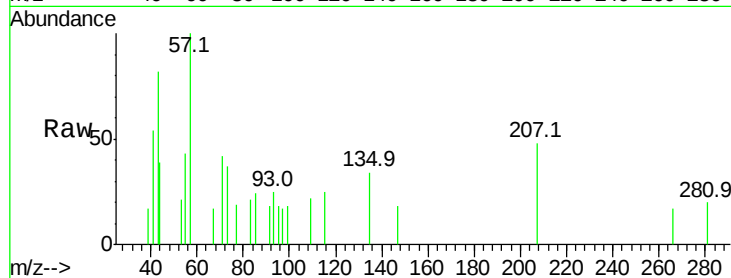




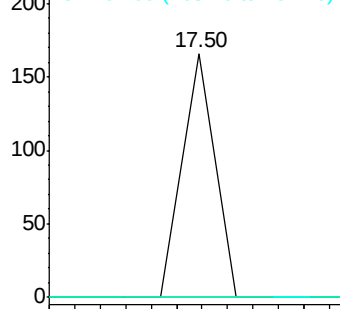
#69
 Pentachlorophenol
 Concen: 6.20 ng
 RT: 17.50 min Scan# 2317
 Delta R.T. 0.05 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

Instrument :
 BNA_G
 ClientSampleId :

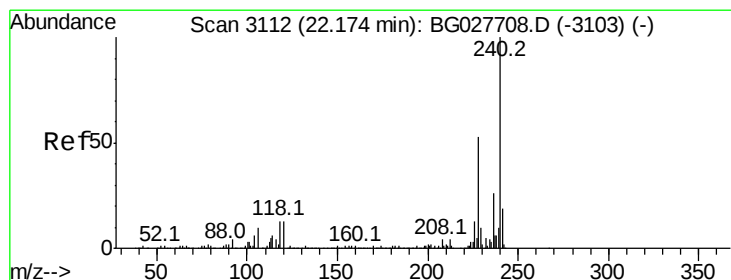
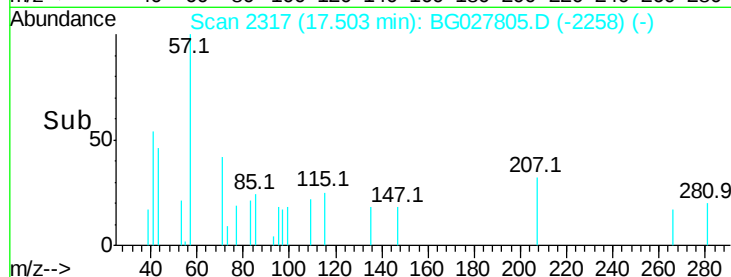
Tot Ion:266 Resp: 59
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.6 72.8#
 264 0.0 50.1 75.1#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

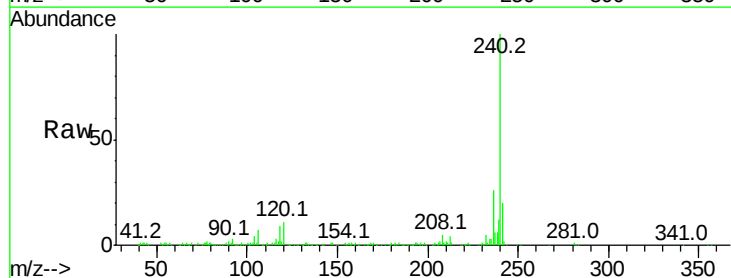


Time--> 17.48 17.50 17.52

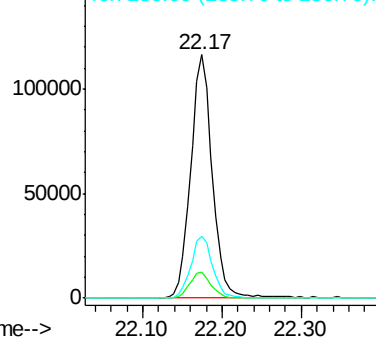


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.17 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

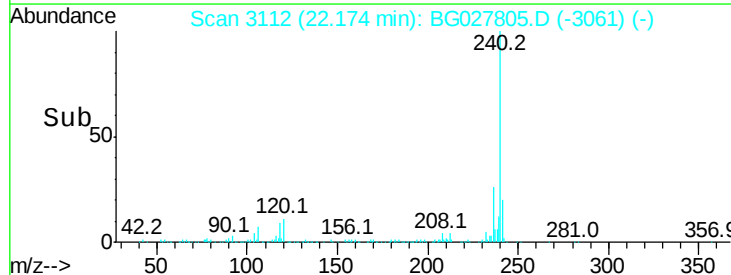
Tgt Ion:240 Resp: 219782
 Ion Ratio Lower Upper
 240 100
 120 10.6 5.7 8.5#
 236 25.6 22.2 33.4

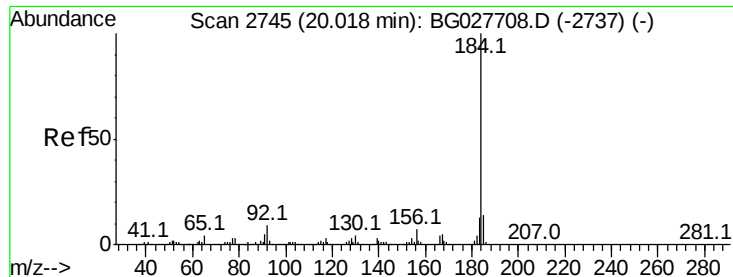


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 22.10 22.20 22.30





#76

Benzidine

Concen: 3.23 ng

RT: 19.99 min Scan# 2740

Delta R.T. -0.03 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Instrument :

BNA_G

ClientSampleId :

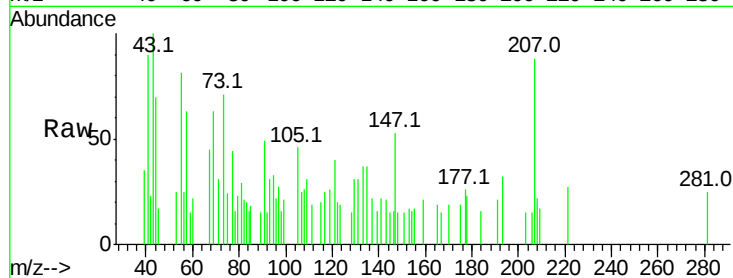
Tot Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

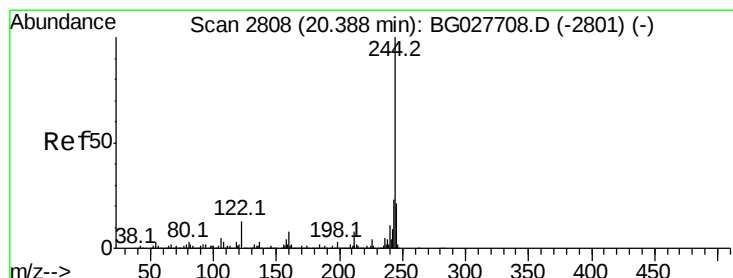
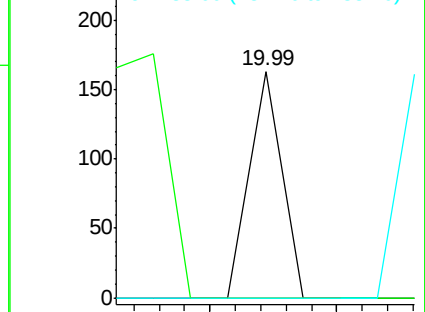
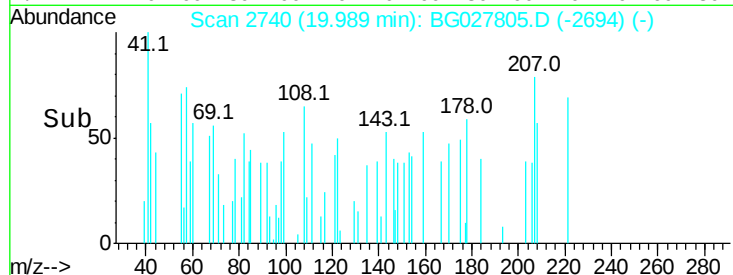
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 117.58 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

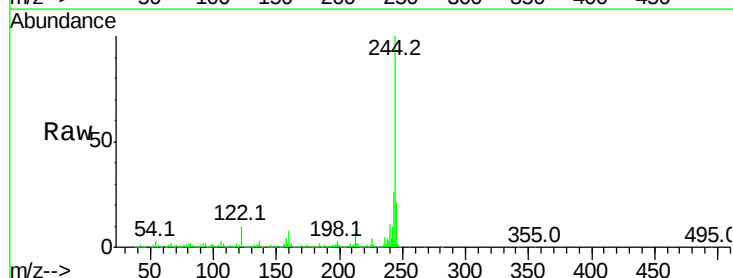
Tgt Ion:244 Resp: 1102291

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

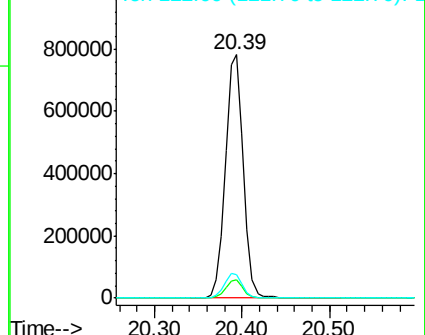
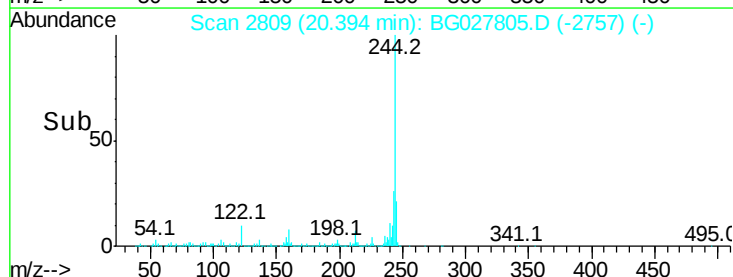
122 9.8 8.6 12.8

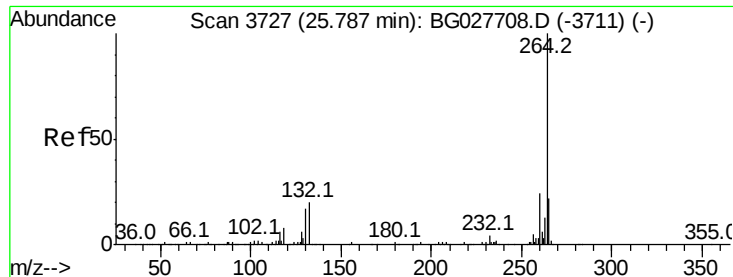


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.78 min Scan# 3726
 Delta R.T. -0.01 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	22.6	18.2	27.4

