

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028935.D
 Acq On : 26 Sep 2017 9:12
 Operator : SJ/JU
 Sample : I5395-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 12:01:43 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

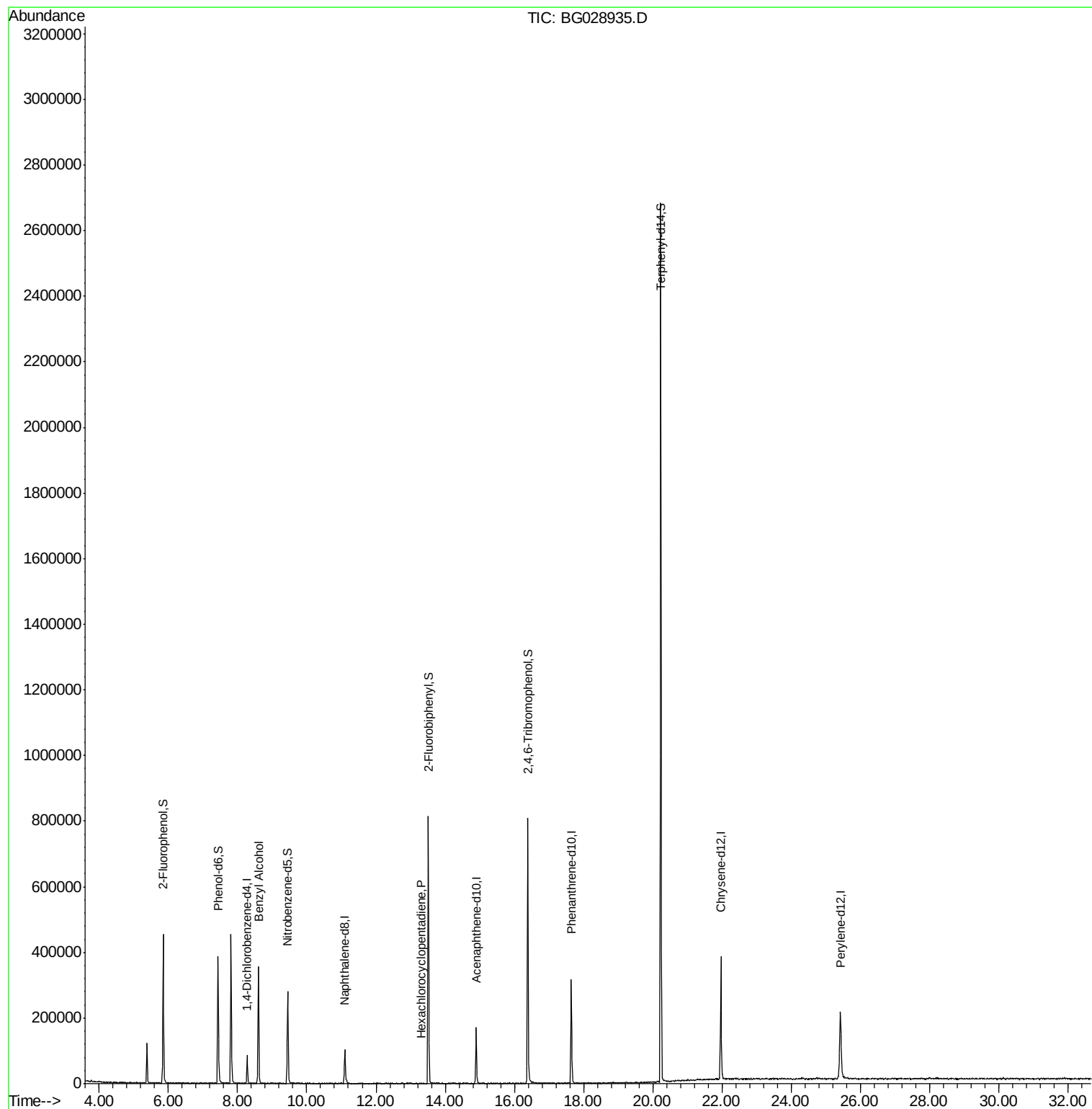
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22418	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	92501	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	64660	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	214222	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	273863	20.00	ng	-0.07
86) Perylene-d12	25.42	264	268779	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	194925	143.47	ng	-0.05
7) Phenol-d6	7.44	99	236764	115.74	ng	-0.05
23) Nitrobenzene-d5	9.45	82	184798	95.57	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	184655	172.67	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	466515	96.21	ng	-0.05
78) Terphenyl-d14	20.23	244	1288043	100.30	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.60	79	3578	2.241	ng	# 54
40) Hexachlorocyclopentadiene	13.32	237	109	7.699	ng	# 29

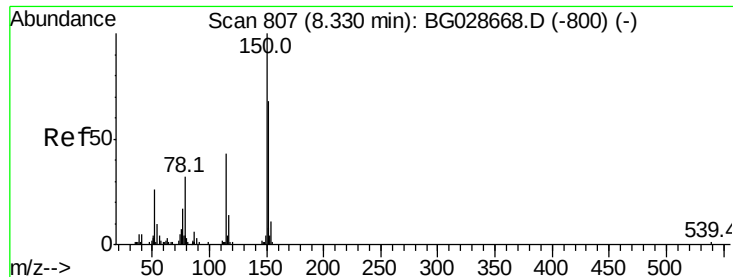
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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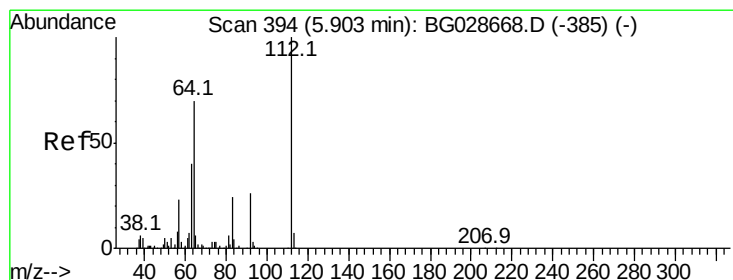
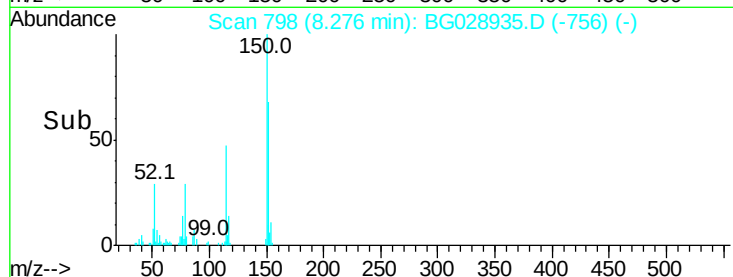
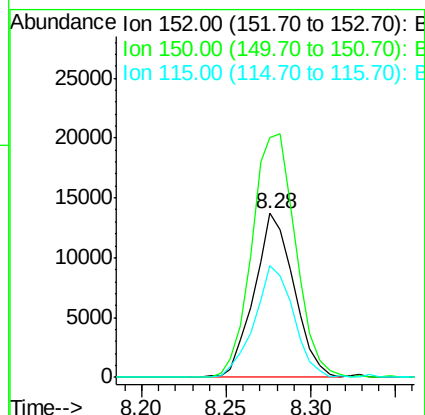
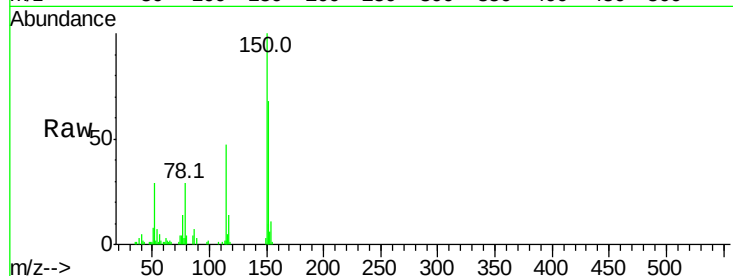


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028935.D
Acq: 26 Sep 2017 9:12

Instrument :
BNA_G
ClientSampled :

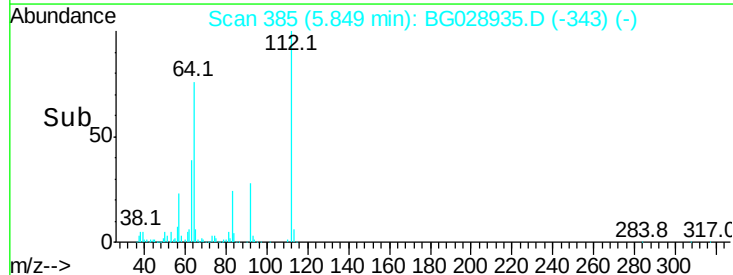
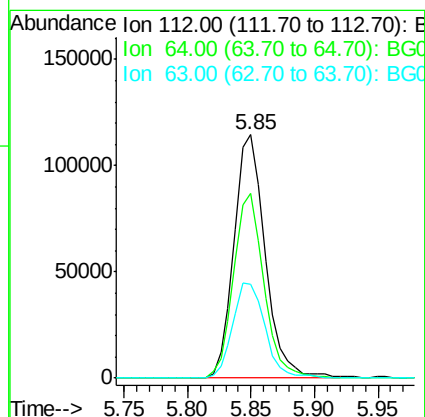
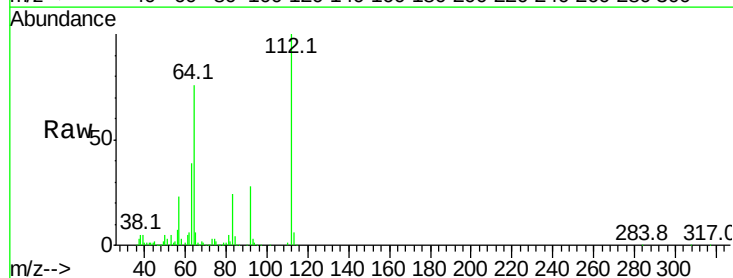
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	114.0	171.0
115	68.3	48.1	72.1

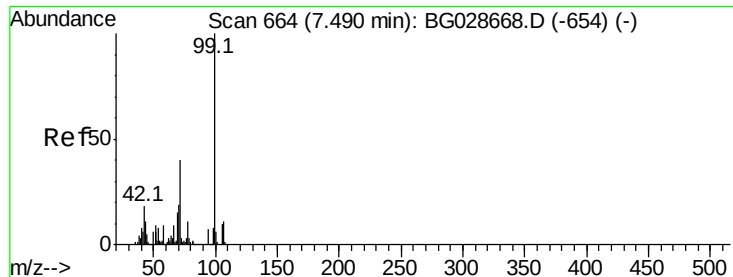


#5

2-Fluorophenol
Concen: 143.472 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028935.D
Acq: 26 Sep 2017 9:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	61.8	92.6
63	38.8	37.2	55.8





#7

Phenol-d6

Concen: 115.744 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

BNA_G

ClientSampleId :

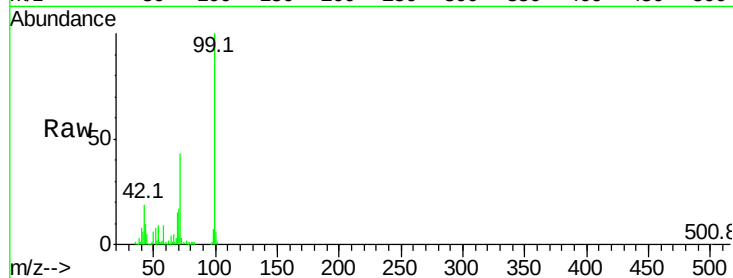
Tot Ion: 99 Resp: 236764

Ion Ratio Lower Upper

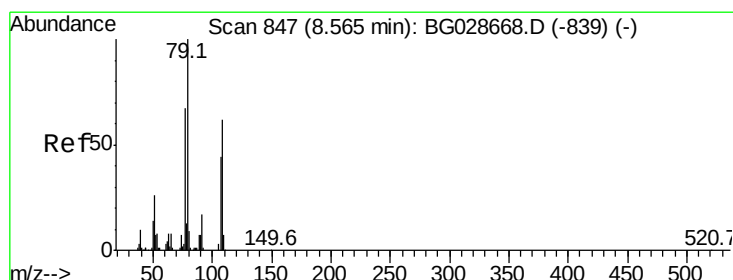
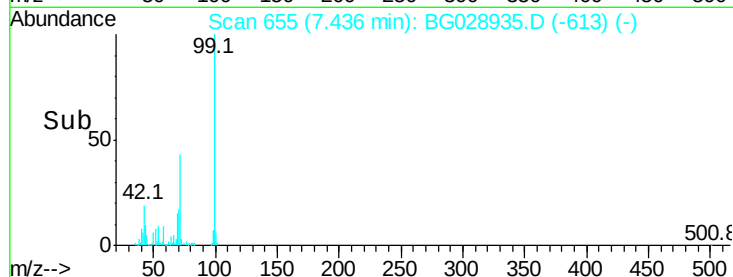
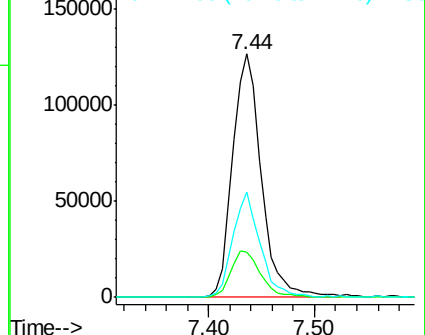
99 100

42 18.7 20.5 30.7#

71 43.1 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



#15

Benzyl Alcohol

Concen: 2.241 ng

RT: 8.60 min Scan# 853

Delta R.T. 0.03 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

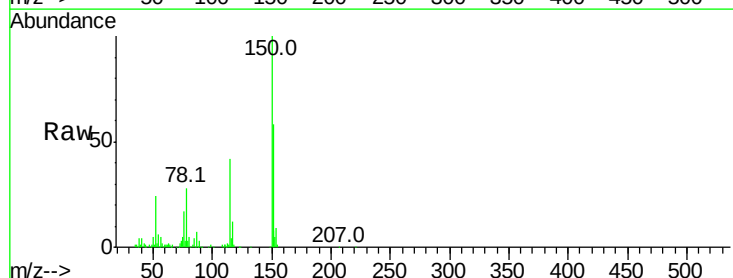
Tgt Ion: 79 Resp: 3578

Ion Ratio Lower Upper

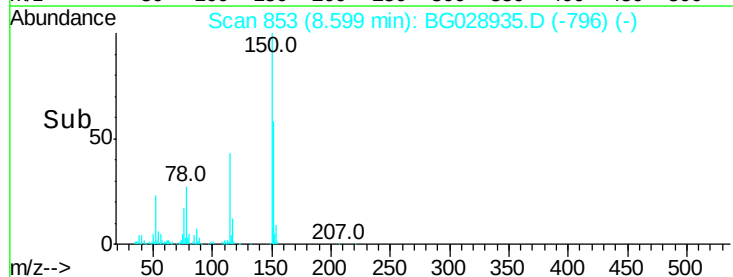
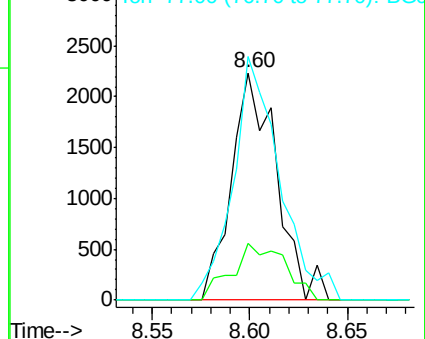
79 100

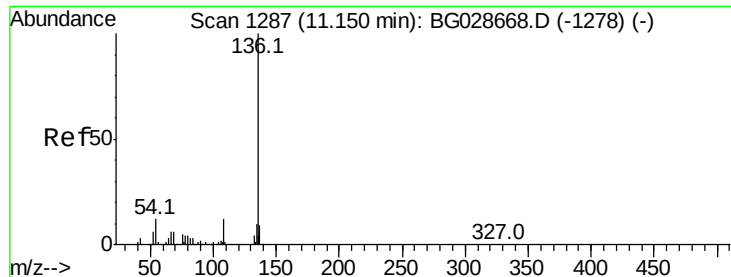
108 25.1 45.5 68.3#

77 107.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

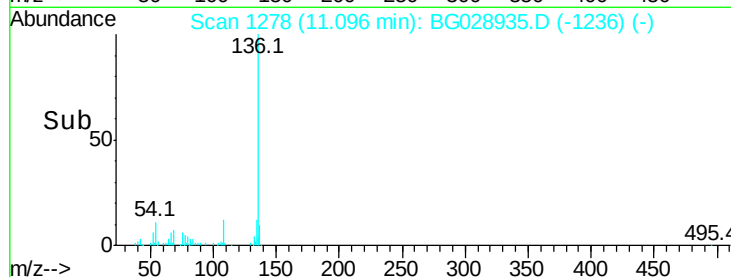
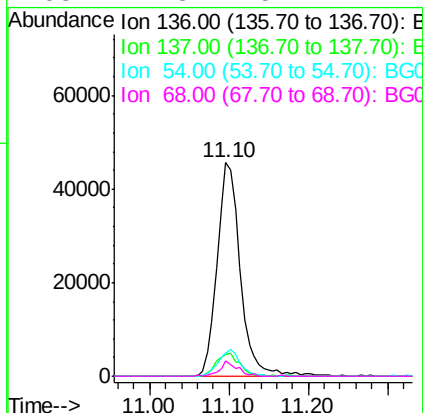
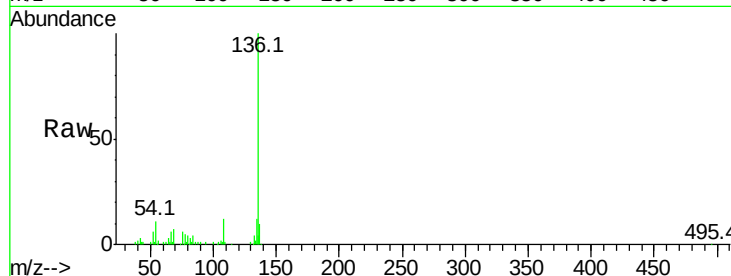




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028935.D
Acq: 26 Sep 2017 9:12

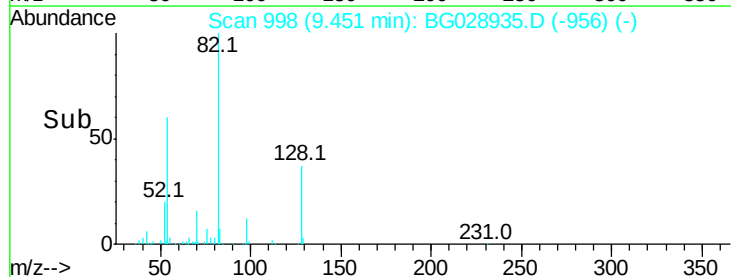
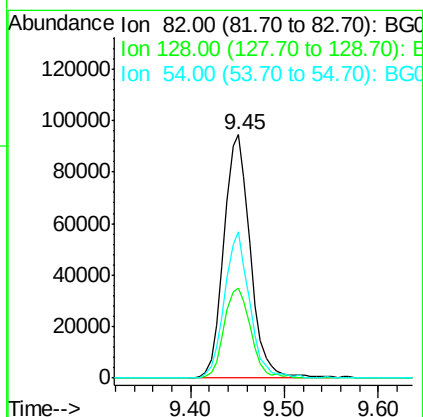
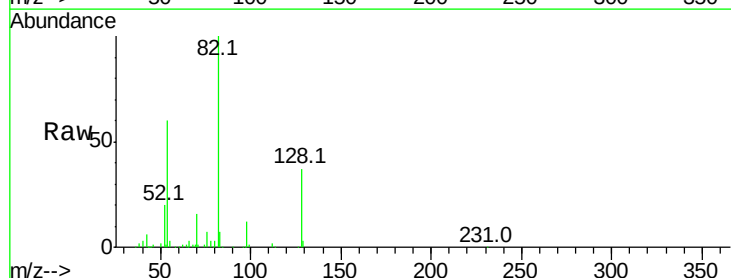
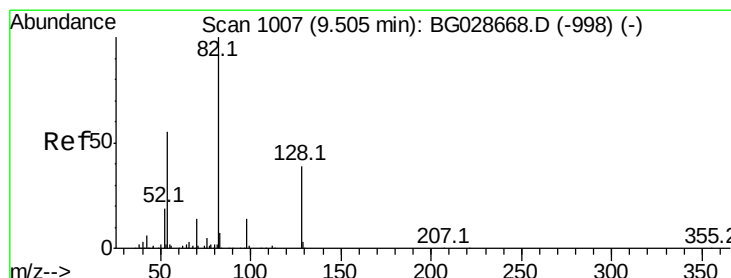
Instrument :
BNA_G
ClientSampleId :

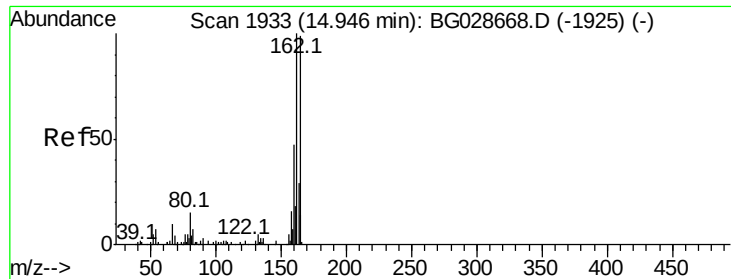
Tot Ion:136	Resp:	92501
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.9 13.3
54	11.1	9.3 13.9
68	7.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 95.569 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028935.D
Acq: 26 Sep 2017 9:12

Tgt Ion: 82	Resp:	184798
Ion	Ratio	Lower Upper
82	100	
128	36.9	26.4 39.6
54	60.1	49.4 74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

BNA_G

ClientSampleId :

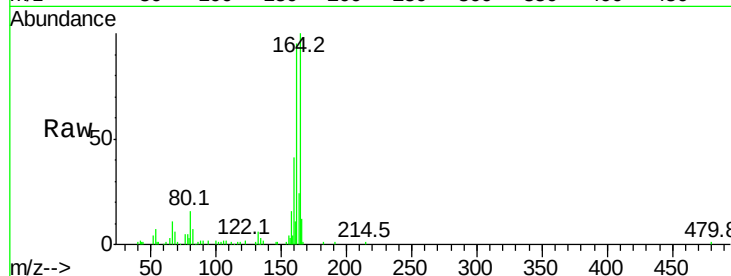
Tot Ion:164 Resp: 64660

Ion Ratio Lower Upper

164 100

162 95.3 85.1 127.7

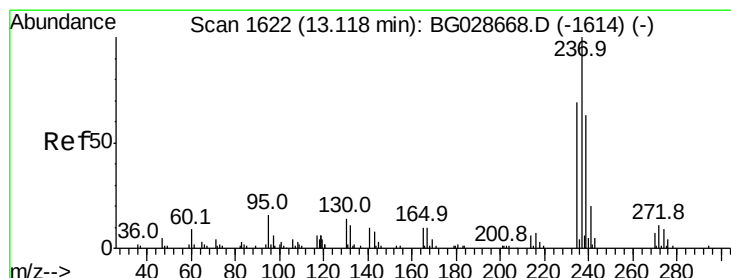
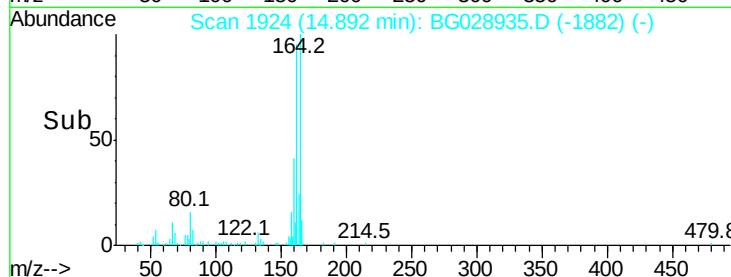
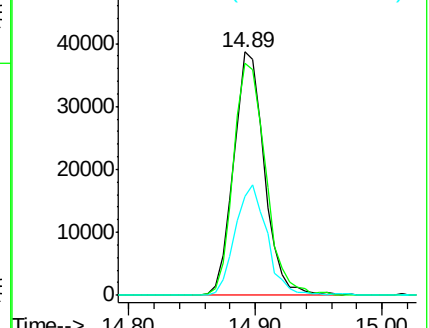
160 40.6 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 7.699 ng

RT: 13.32 min Scan# 1657

Delta R.T. 0.21 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

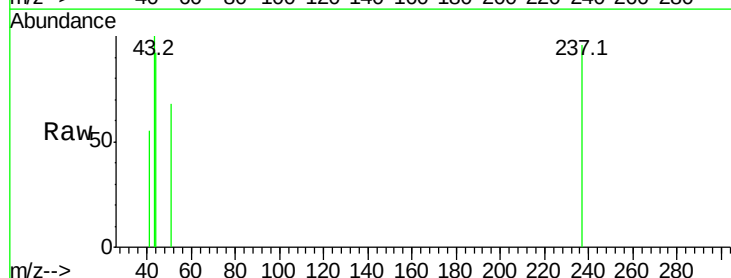
Tgt Ion:237 Resp: 109

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

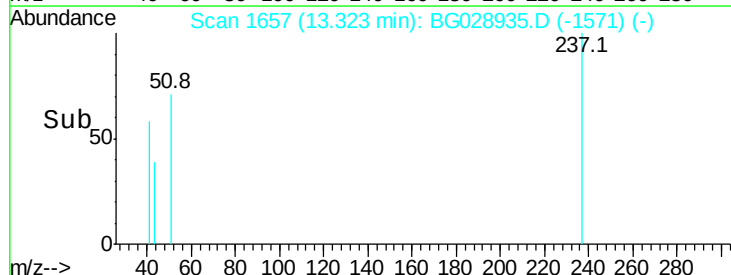
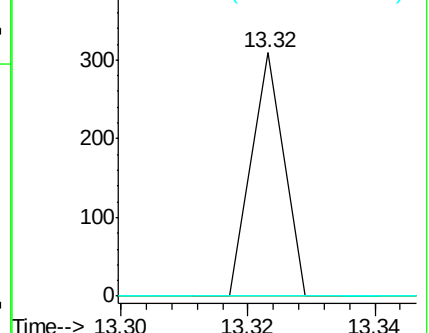
272 0.0 0.0 32.0

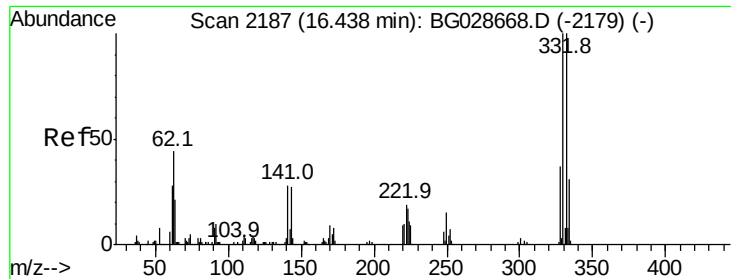


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

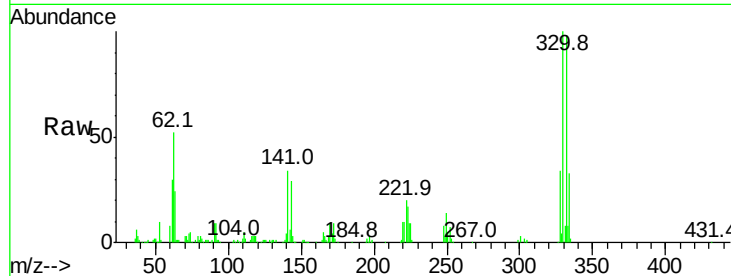




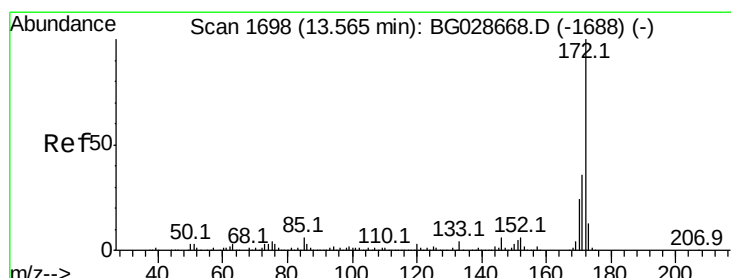
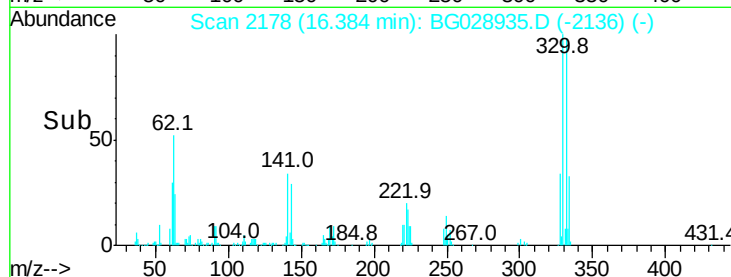
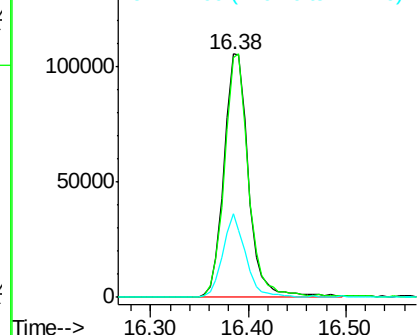
#41
 2,4,6-Tribromophenol
 Concen: 172.666 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028935.D
 Acq: 26 Sep 2017 9:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 184655
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 31.5 32.1 48.1#

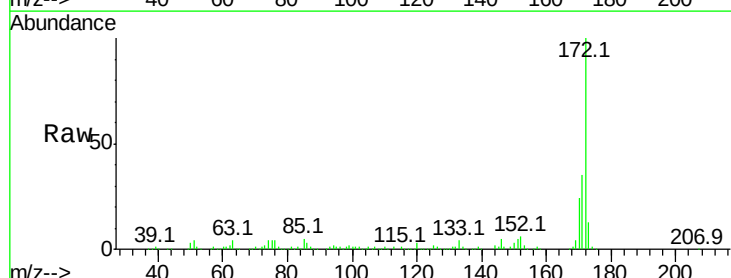


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

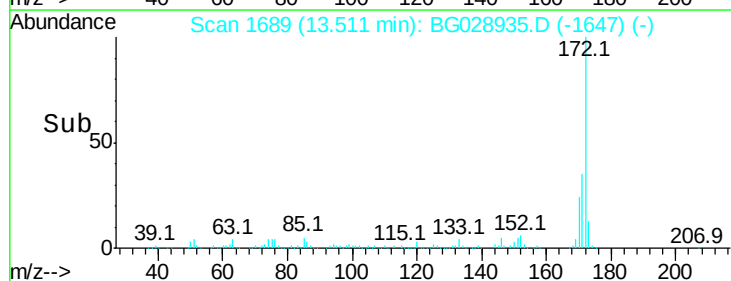
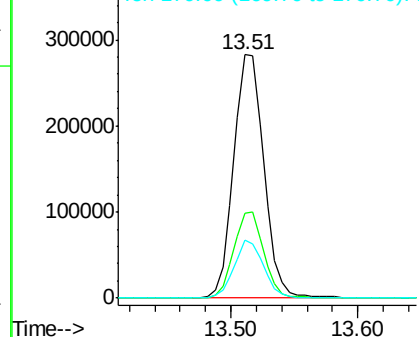


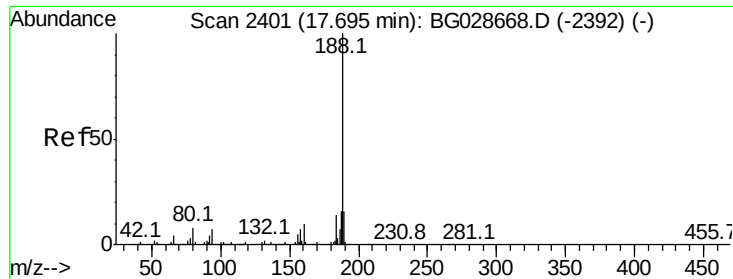
#44
 2-Fluorobiphenyl
 Concen: 96.205 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028935.D
 Acq: 26 Sep 2017 9:12

Tgt Ion:172 Resp: 466515
 Ion Ratio Lower Upper
 172 100
 171 35.0 32.2 48.2
 170 23.7 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

BNA_G

ClientSampleId :

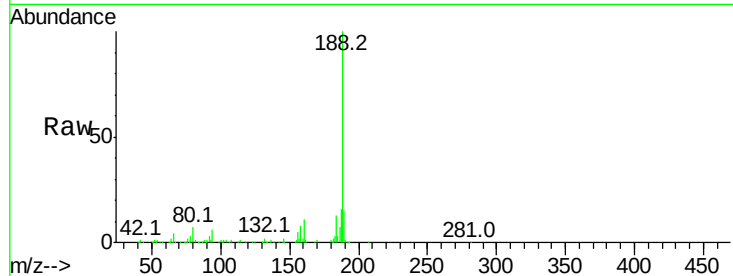
Tot Ion:188 Resp: 214222

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

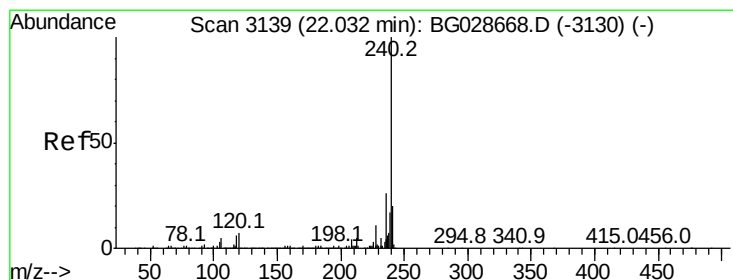
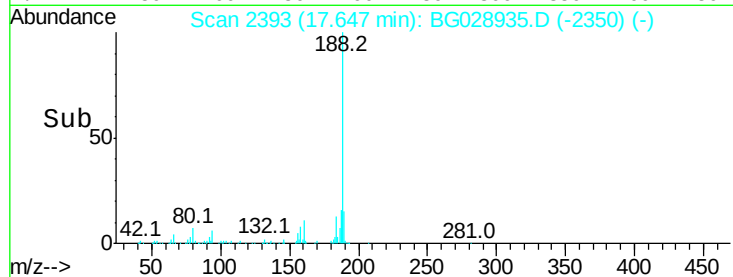
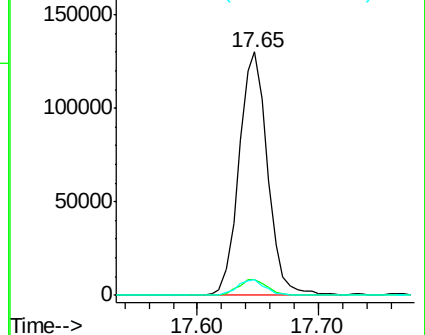
80 6.7 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

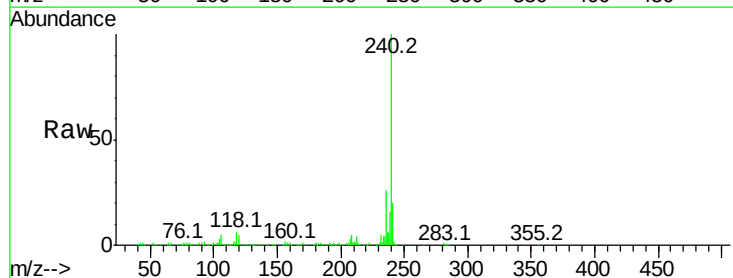
Tgt Ion:240 Resp: 273863

Ion Ratio Lower Upper

240 100

120 4.9 5.7 8.5#

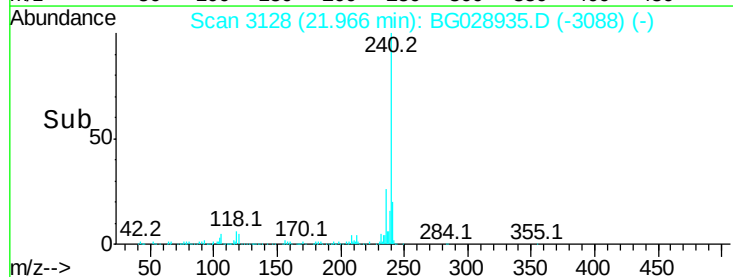
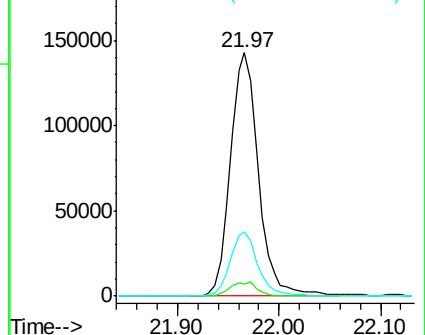
236 26.5 22.2 33.4

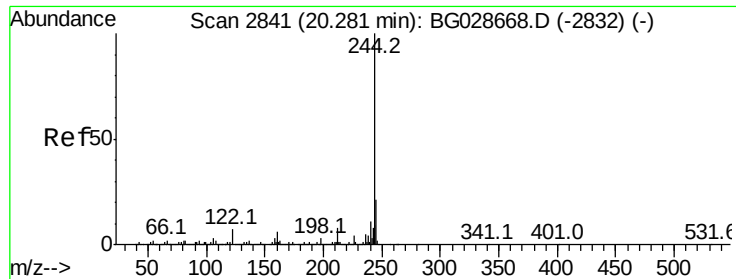


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.300 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

BNA_G

ClientSampleId :

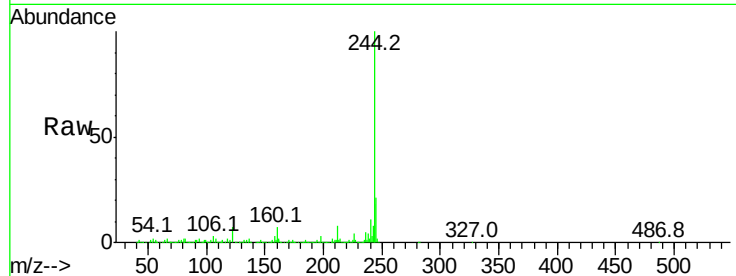
Tot Ion:244 Resp: 1288043

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

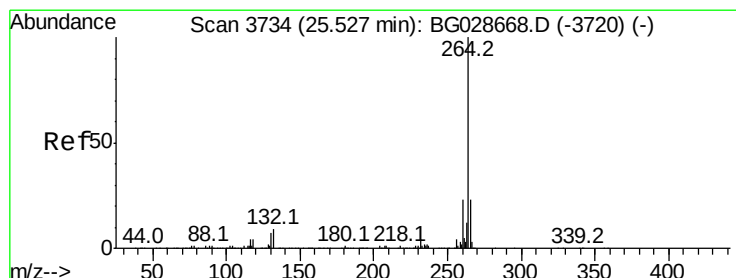
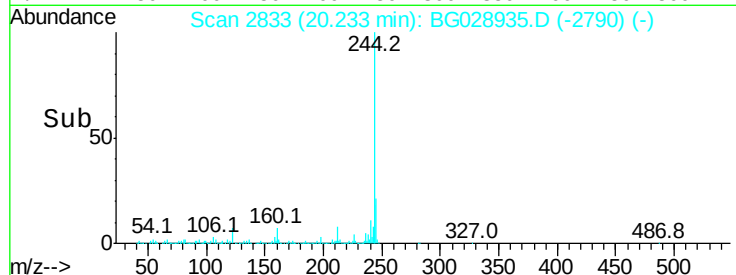
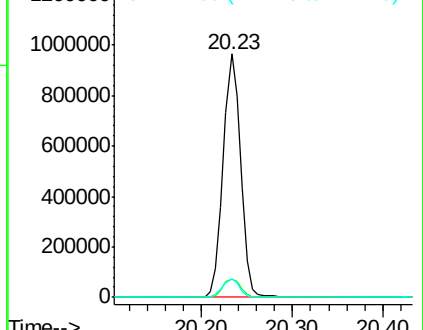
122 7.3 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3716

Delta R.T. -0.11 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

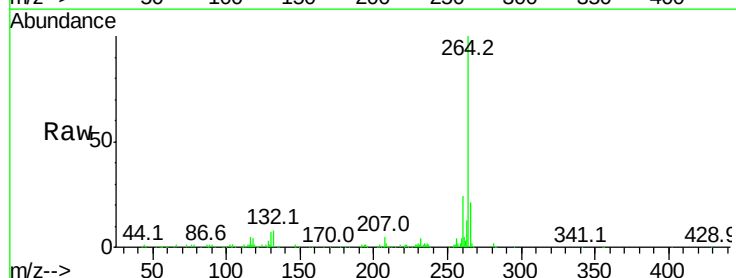
Tgt Ion:264 Resp: 268779

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 21.1 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

