

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028945.D
 Acq On : 27 Sep 2017 16:26
 Operator : SJ/JU
 Sample : I5445-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-092617-A

Quant Time: Sep 28 01:25:48 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

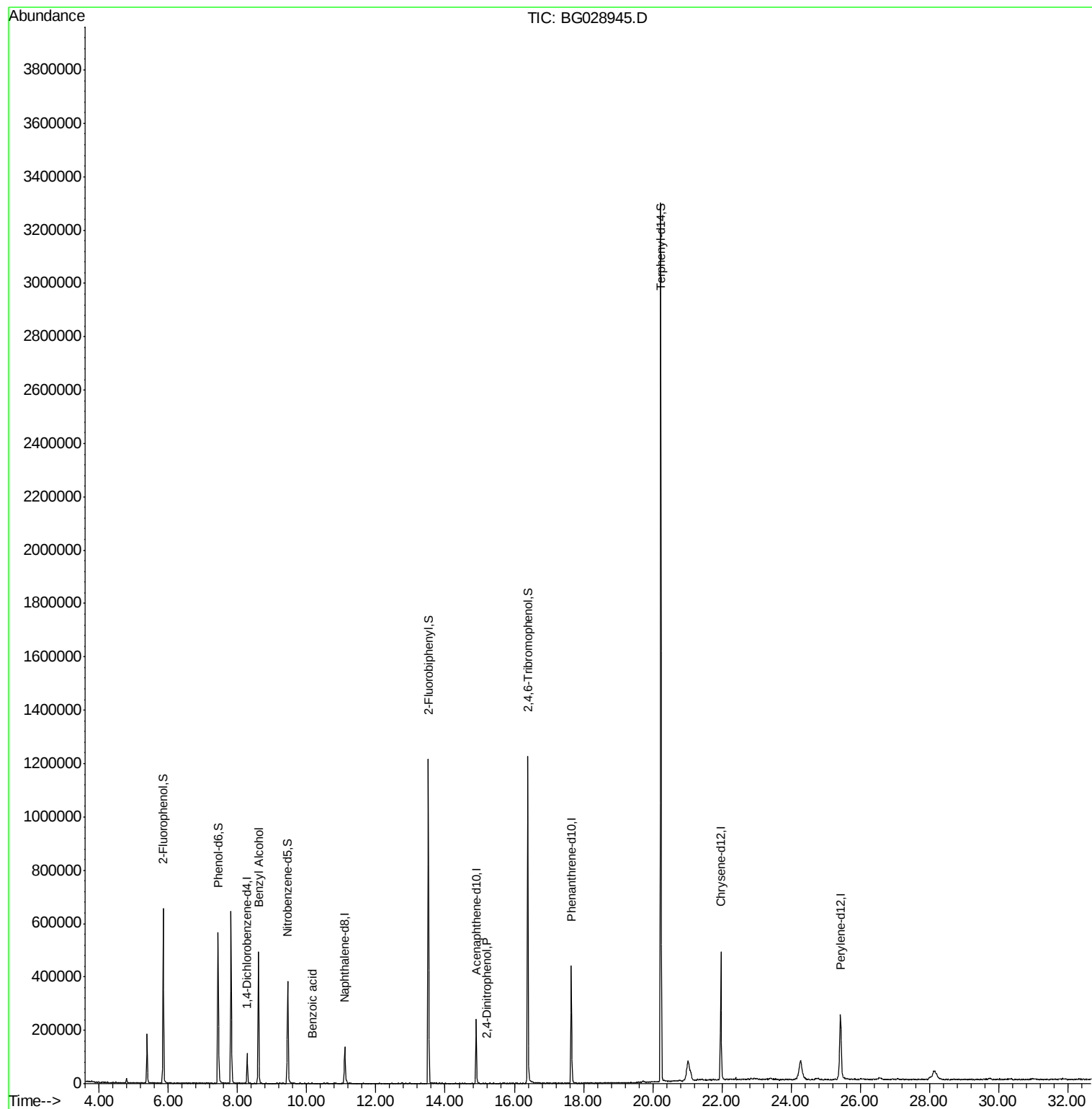
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	30051	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	124303	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	89454	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	279184	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	329186	20.00	ng	-0.06
86) Perylene-d12	25.42	264	330377	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	273628	150.24	ng	-0.05
7) Phenol-d6	7.44	99	345787	126.10	ng	-0.05
23) Nitrobenzene-d5	9.45	82	250226	96.30	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	270485	182.82	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	660300	98.43	ng	-0.05
78) Terphenyl-d14	20.23	244	1547881	100.28	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	4455	2.081	ng	# 49
32) Benzoic acid	10.17	122	114	6.149	ng	# 1
53) 2,4-Dinitrophenol	15.19	184	58	8.061	ng	# 15

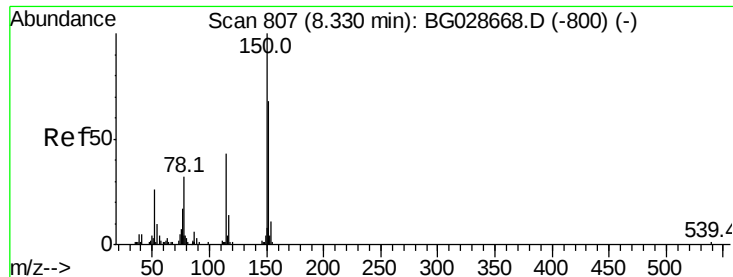
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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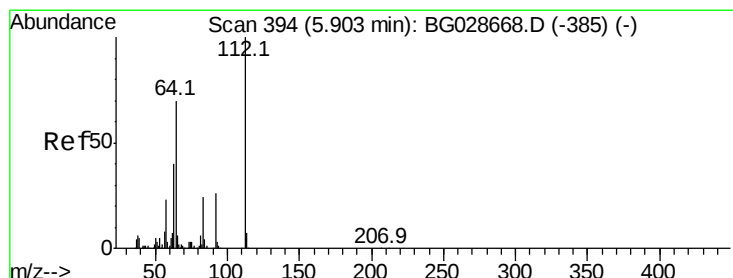
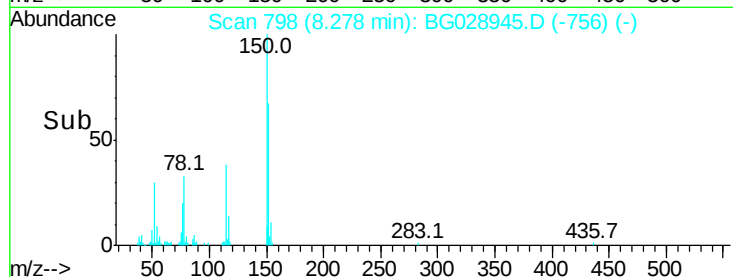
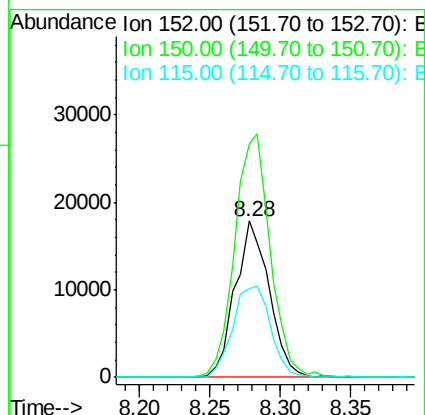
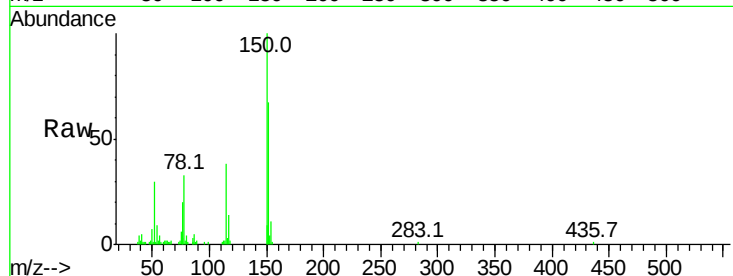


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028945.D
Acq: 27 Sep 2017 16:26

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-A

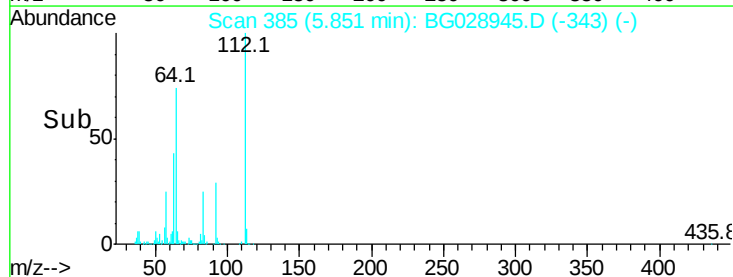
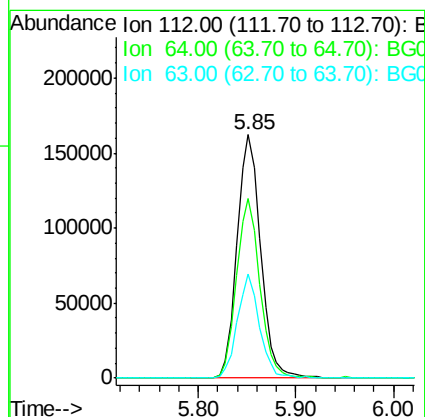
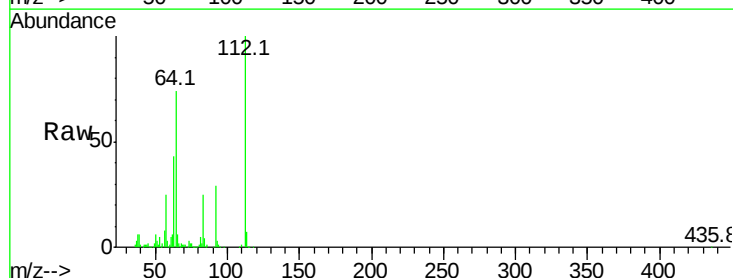
Tot Ion:152 Resp: 30051
Ion Ratio Lower Upper
152 100
150 149.6 114.0 171.0
115 56.8 48.1 72.1

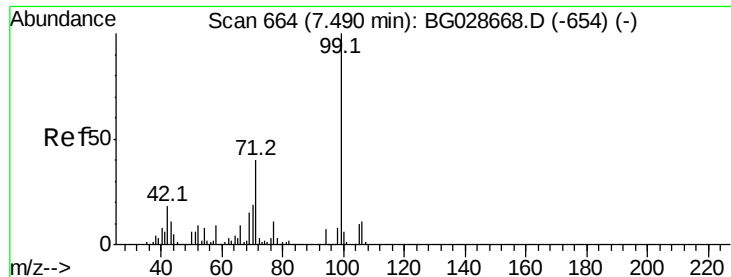


#5

2-Fluorophenol
Concen: 150.244 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028945.D
Acq: 27 Sep 2017 16:26

Tgt Ion:112 Resp: 273628
Ion Ratio Lower Upper
112 100
64 73.7 61.8 92.6
63 42.5 37.2 55.8





#7

Phenol-d6

Concen: 126.105 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028945.D

Acq: 27 Sep 2017 16:26

Instrument :

BNA_G

ClientSampleId :

AU-05-092617-A

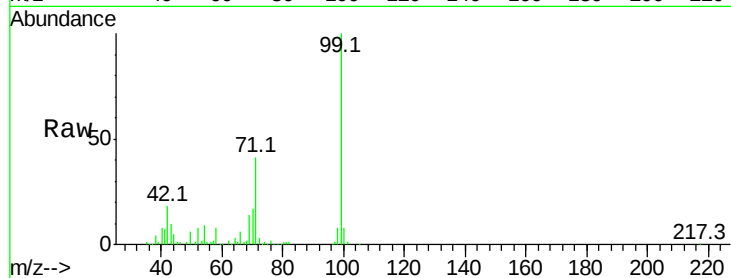
Tot Ion: 99 Resp: 345787

Ion Ratio Lower Upper

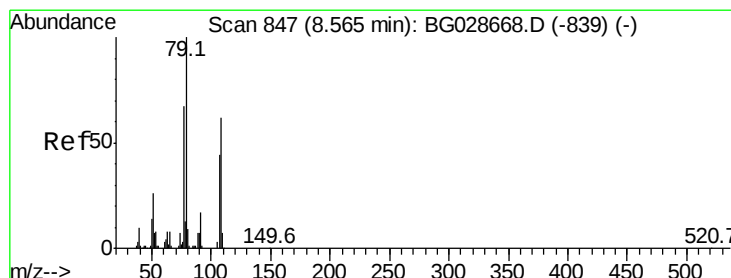
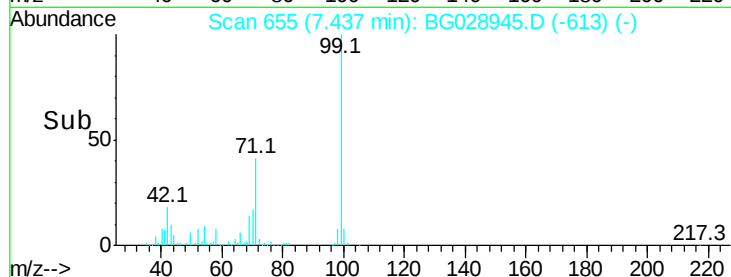
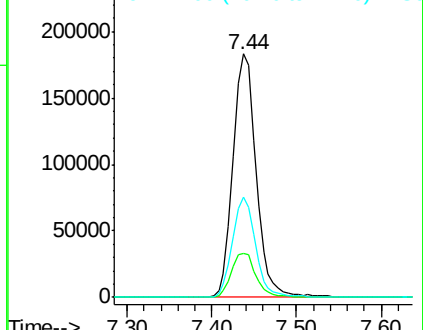
99 100

42 18.3 20.5 30.7#

71 41.2 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: 2.081 ng

RT: 8.61 min Scan# 854

Delta R.T. 0.04 min

Lab File: BG028945.D

Acq: 27 Sep 2017 16:26

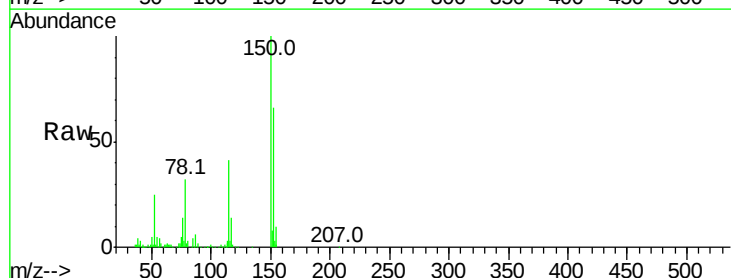
Tgt Ion: 79 Resp: 4455

Ion Ratio Lower Upper

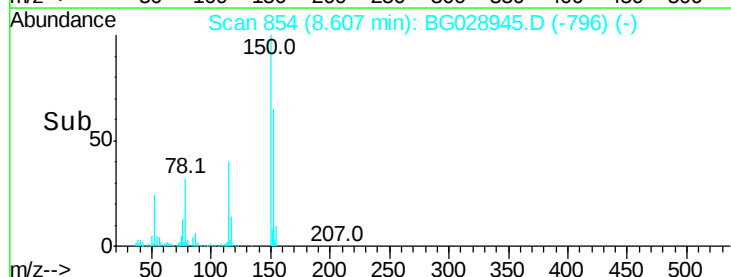
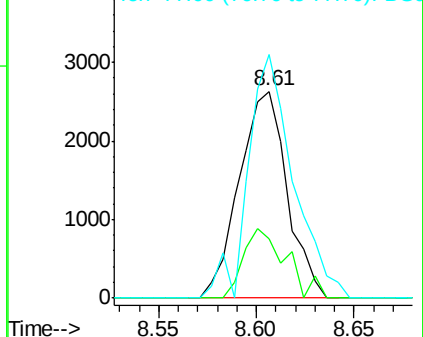
79 100

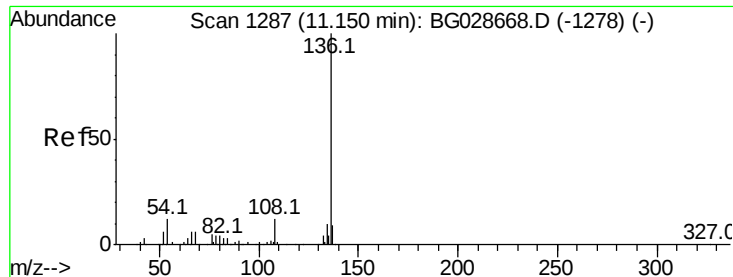
108 28.9 45.5 68.3#

77 117.8 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

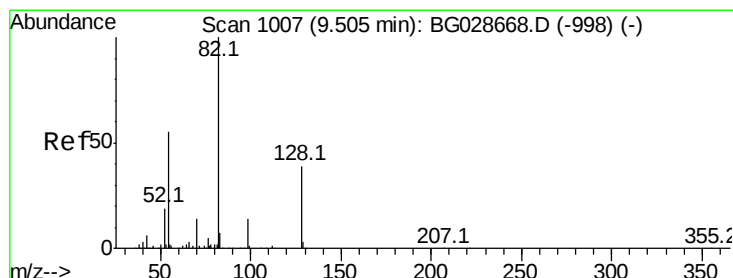
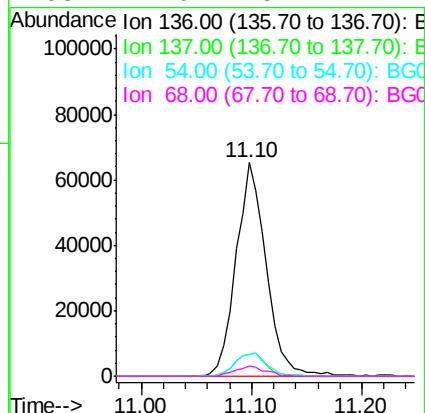
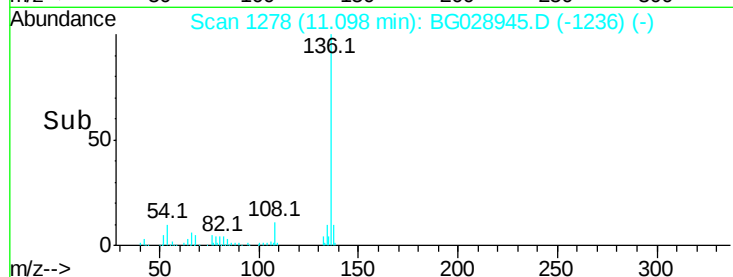
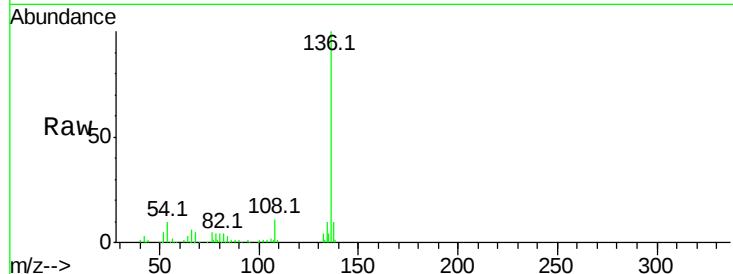




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028945.D
Acq: 27 Sep 2017 16:26

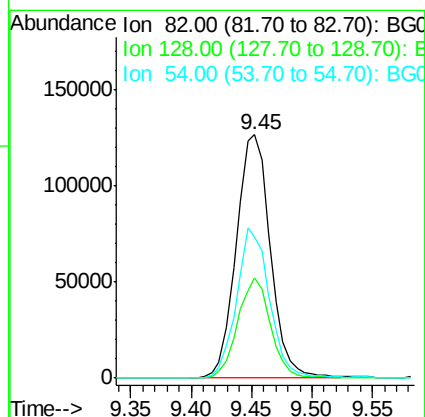
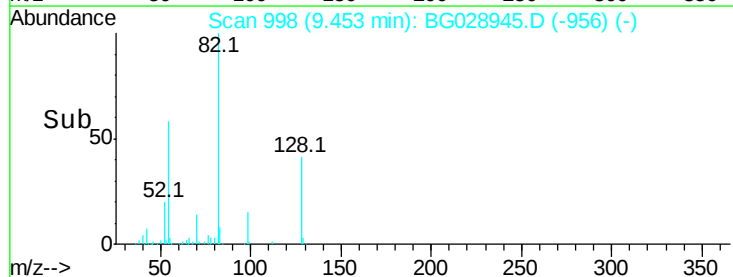
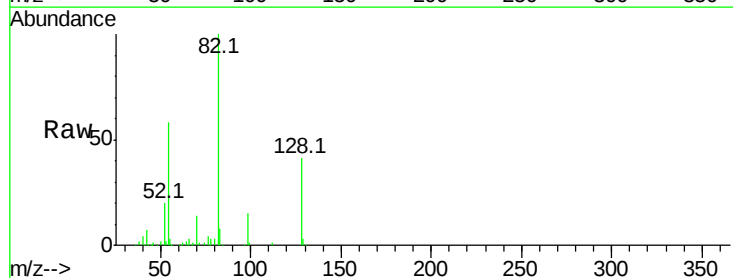
Instrument :
BNA_G
ClientSampleId :
AU-05-092617-A

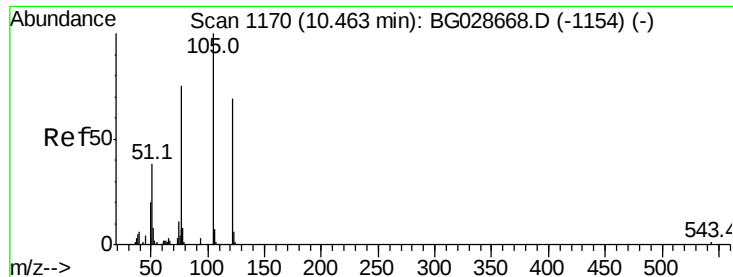
Tot Ion:	136	Resp:	124303
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.0	9.3	13.9
68	4.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 96.298 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028945.D
Acq: 27 Sep 2017 16:26

Tgt Ion:	82	Resp:	250226
Ion	Ratio	Lower	Upper
82	100		
128	40.9	26.4	39.6#
54	57.8	49.4	74.2





#32

Benzoic acid

Concen: 6.149 ng

RT: 10.17 min Scan# 1120

Delta R.T. -0.29 min

Lab File: BG028945.D

Acq: 27 Sep 2017 16:26

Instrument :

BNA_G

ClientSampleId :

AU-05-092617-A

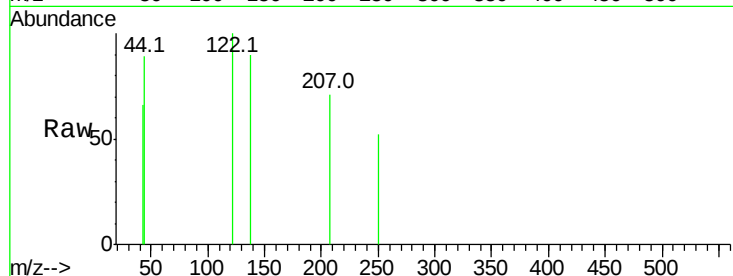
Tot Ion:122 Resp: 114

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

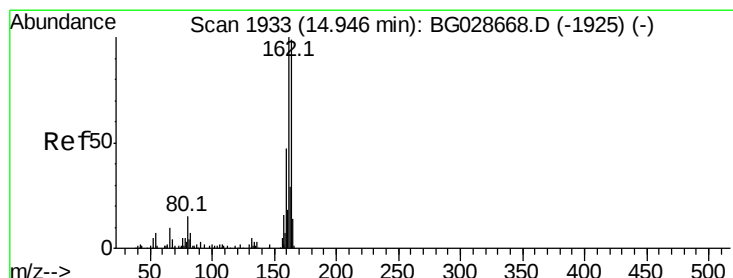
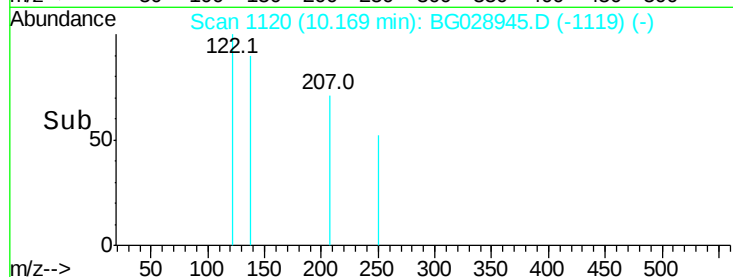
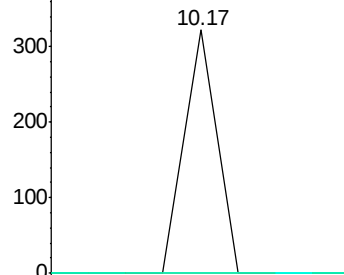
77 0.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028945.D

Acq: 27 Sep 2017 16:26

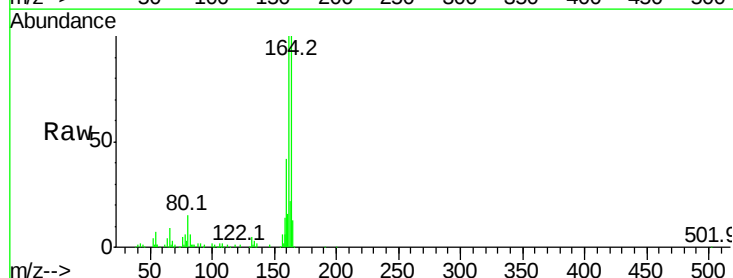
Tgt Ion:164 Resp: 89454

Ion Ratio Lower Upper

164 100

162 100.2 85.1 127.7

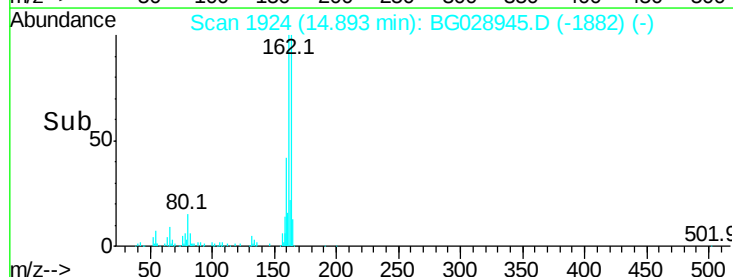
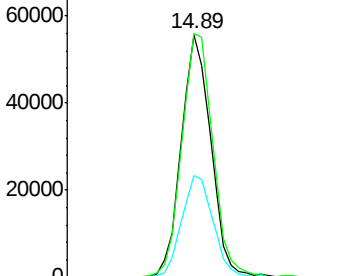
160 41.8 34.7 52.1

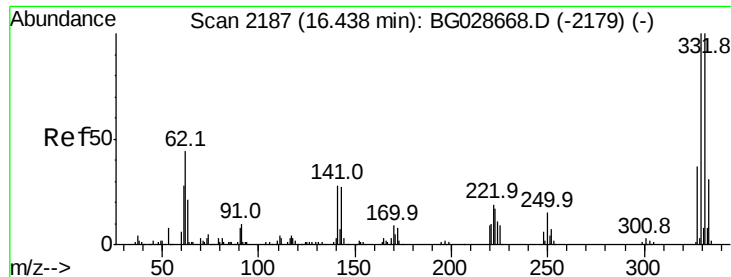


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

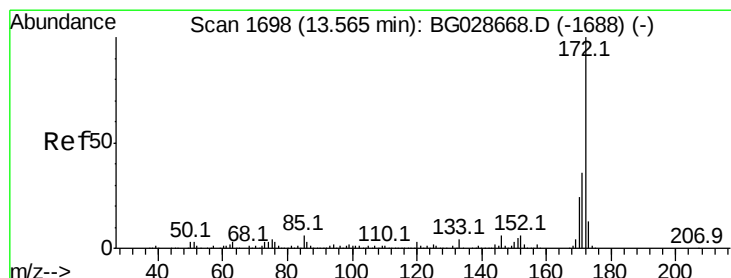
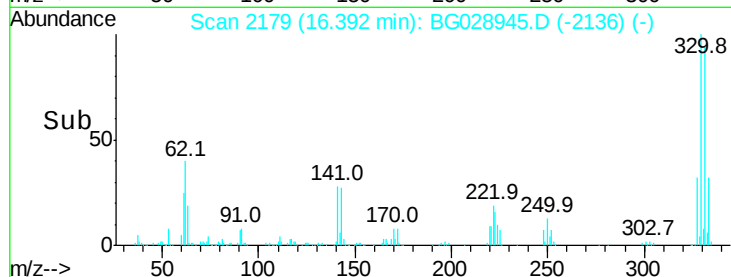
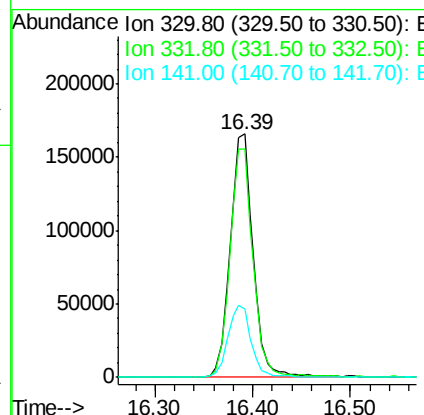
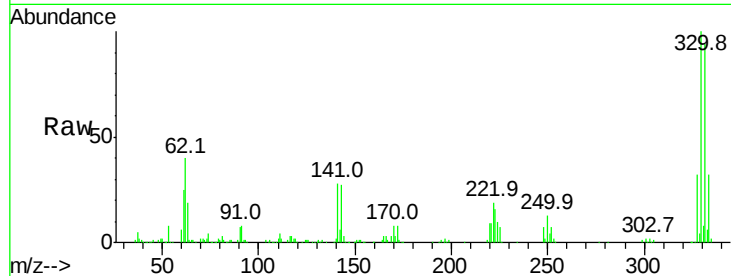




#41
 2,4,6-Tribromophenol
 Concen: 182.820 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028945.D
 Acq: 27 Sep 2017 16:26

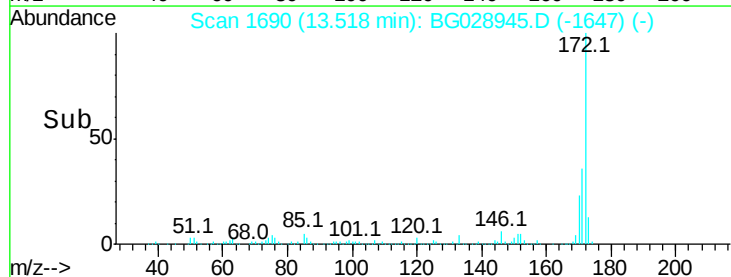
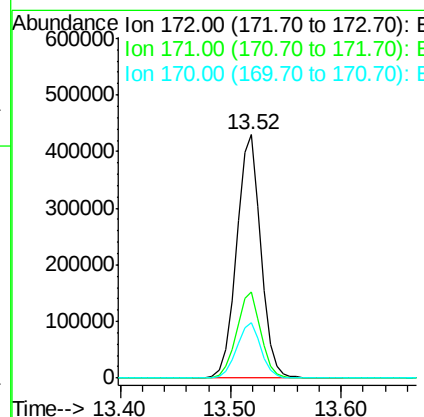
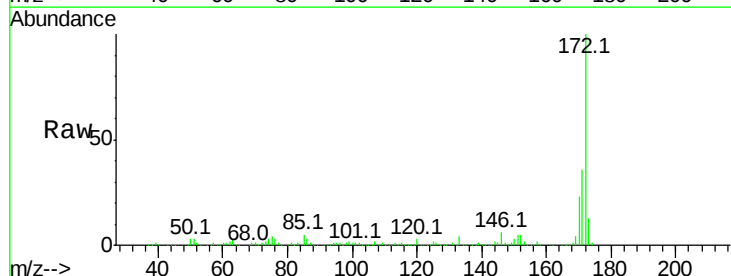
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 AU-05-092617-A

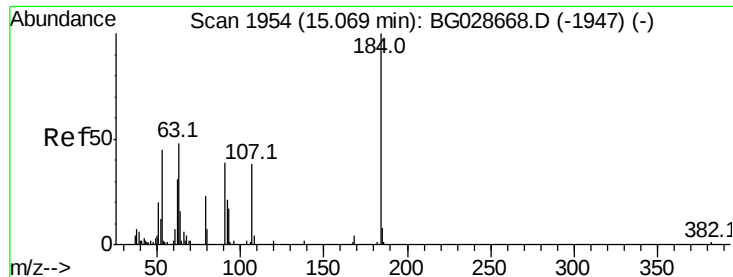
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.3	115.9
141	30.0	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 98.426 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028945.D
 Acq: 27 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	22.7	21.8	32.6

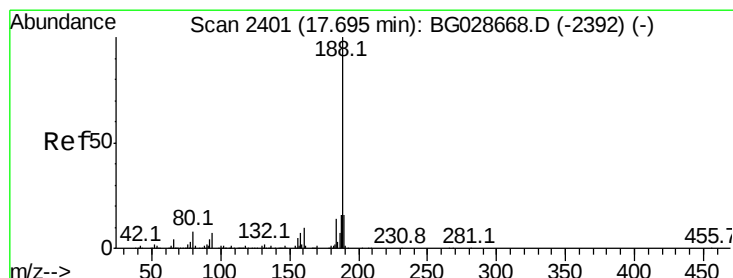
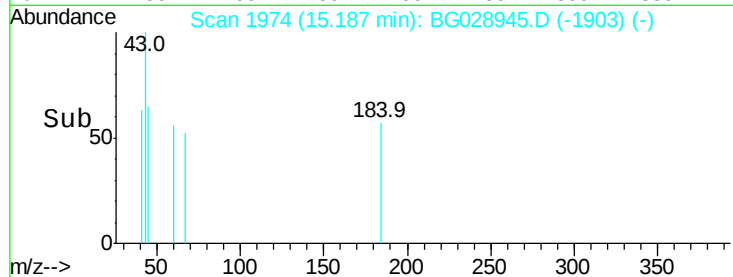
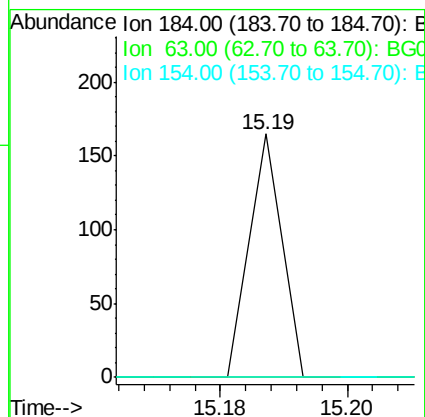
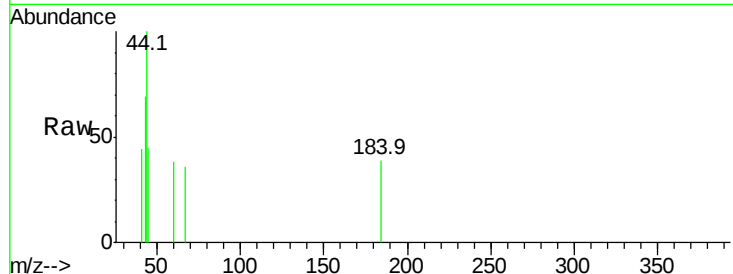




#53
 2,4-Dinitrophenol
 Concen: 8.061 ng
 RT: 15.19 min Scan# 1974
 Delta R.T. 0.12 min
 Lab File: BG028945.D
 Acq: 27 Sep 2017 16:26

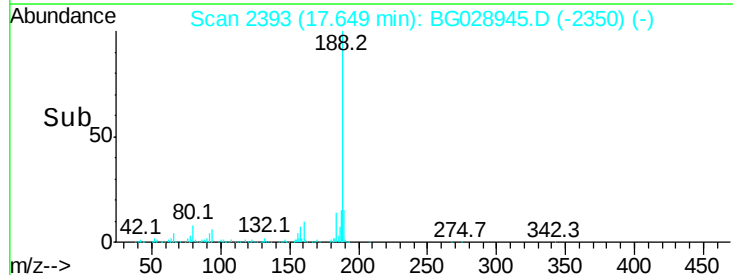
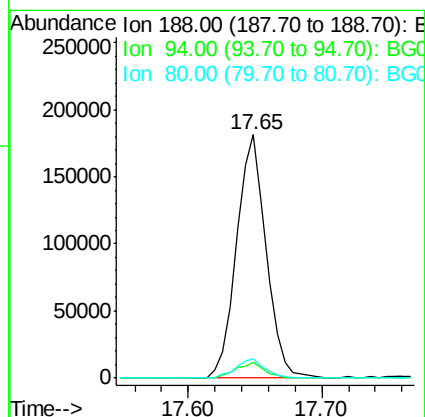
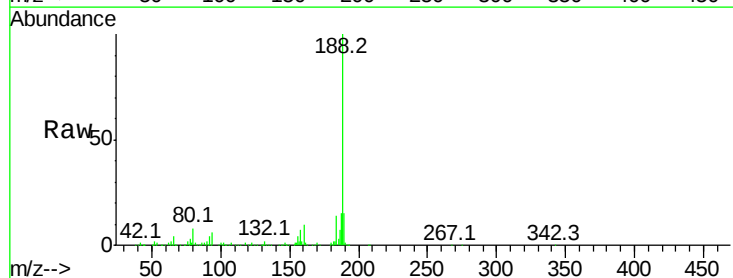
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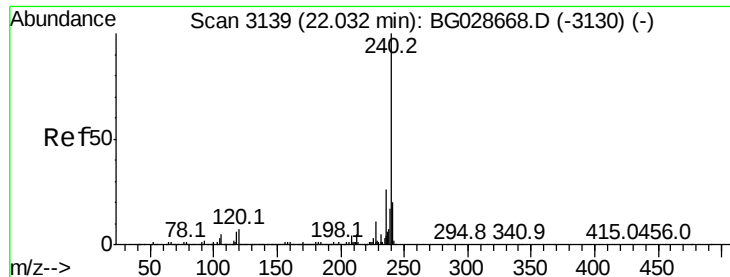
Tot Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.65 min Scan# 2393
 Delta R.T. -0.05 min
 Lab File: BG028945.D
 Acq: 27 Sep 2017 16:26

Tgt Ion:188 Resp: 279184
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.8 8.8
 80 7.9 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028945.D

Acq: 27 Sep 2017 16:26

Instrument :

BNA_G

ClientSampleId :

AU-05-092617-A

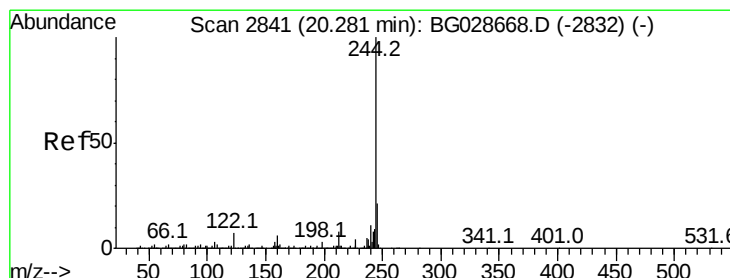
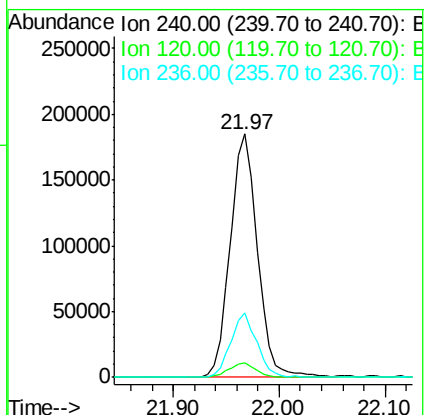
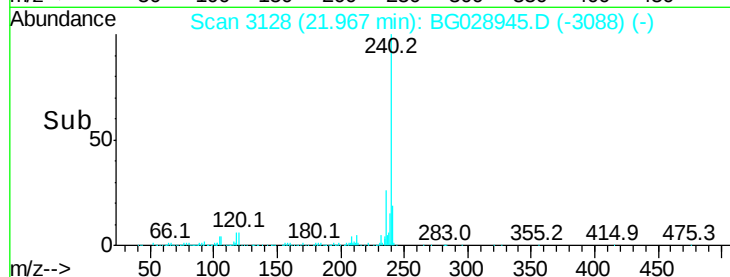
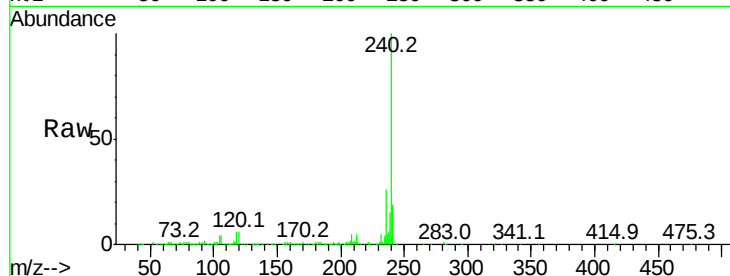
Tot Ion:240 Resp: 329186

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	26.4	22.2	33.4

240 100

120 6.0 5.7 8.5

236 26.4 22.2 33.4



#78

Terphenyl-d14

Concen: 100.276 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028945.D

Acq: 27 Sep 2017 16:26

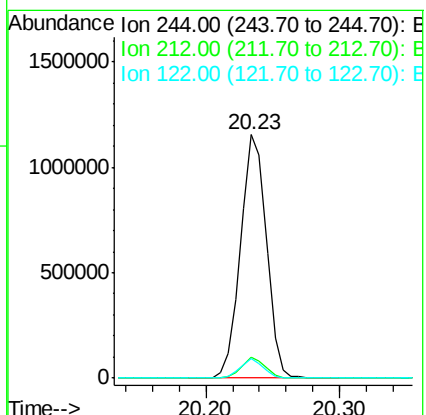
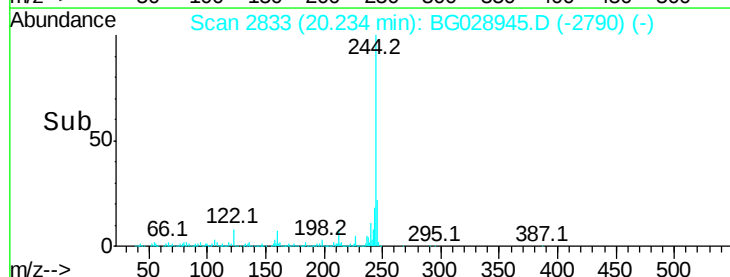
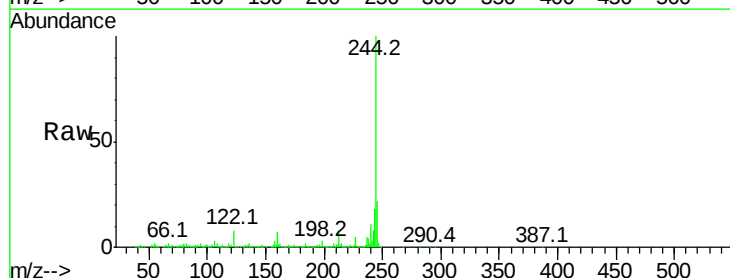
Tgt Ion:244 Resp: 1547881

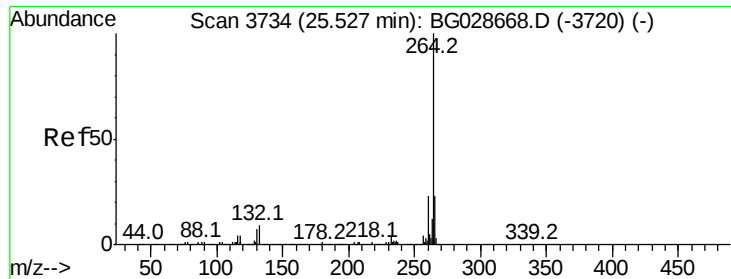
Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	7.8	8.6	12.8#

244 100

212 8.4 10.0 15.0#

122 7.8 8.6 12.8#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3716
 Delta R.T. -0.11 min
 Lab File: BG028945.D
 Acq: 27 Sep 2017 16:26

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-092617-A

Tot Ion:	264	Resp:	330377
Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.1	18.2	27.4

