

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032542.D
 Acq On : 5 Feb 2018 20:18
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL 2PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 03:22:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

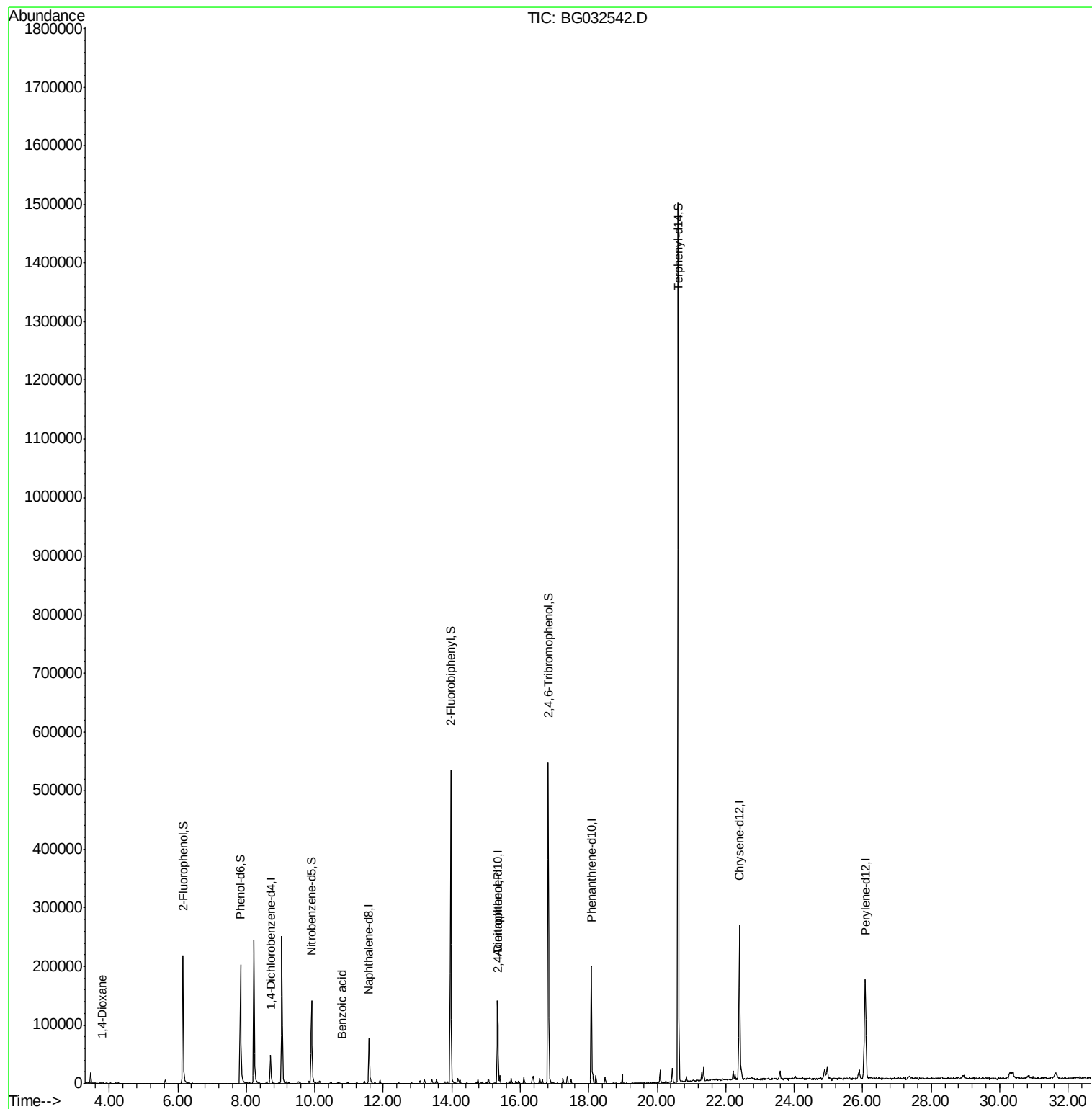
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	17859	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	80235	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	55268	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	147421	20.00	ng	-0.02
75) Chrysene-d12	22.40	240	204833	20.00	ng	-0.02
86) Perylene-d12	26.07	264	232480	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	128905	144.98	ng	0.00
7) Phenol-d6	7.83	99	146877	123.79	ng	0.00
23) Nitrobenzene-d5	9.90	82	97172	75.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	146814	139.55	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	337812	72.65	ng	-0.02
78) Terphenyl-d14	20.62	244	831974	87.01	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.81	88	601	2.009	ng	# 9
32) Benzoic acid	10.80	122	65	7.352	ng	# 1
53) 2,4-Dinitrophenol	15.33	184	64	4.195	ng	# 44

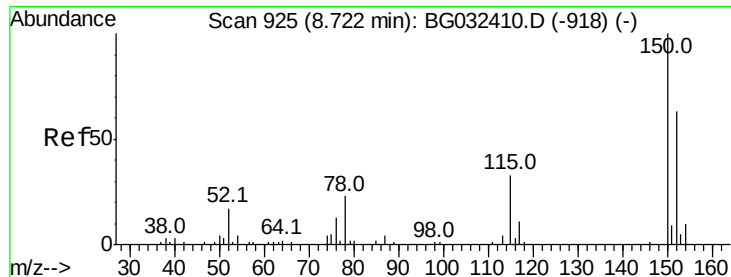
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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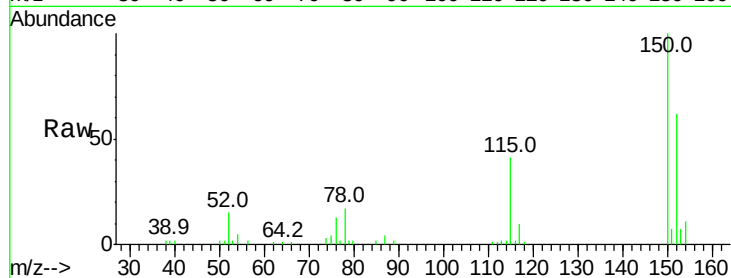


#1

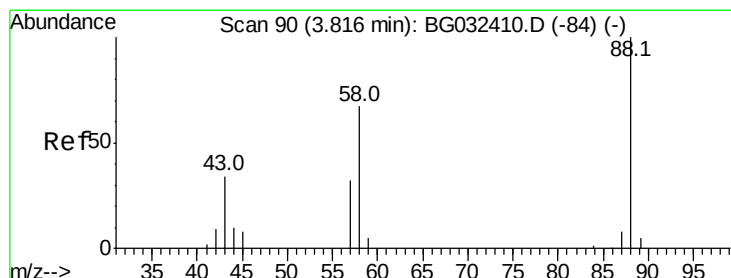
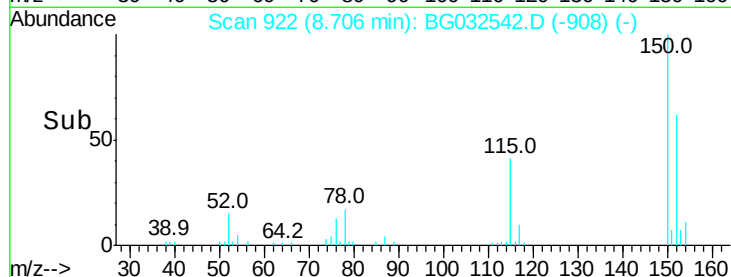
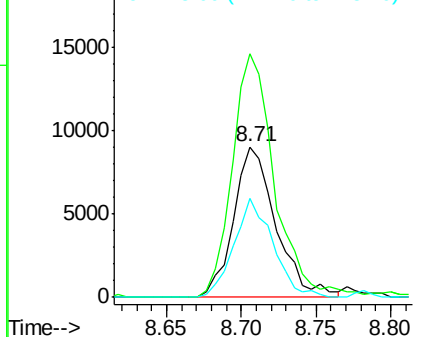
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 17859
Ion Ratio Lower Upper
152 100
150 162.0 126.6 189.8
115 66.2 53.0 79.4



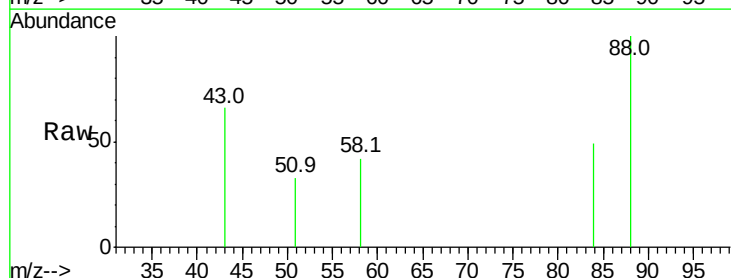
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



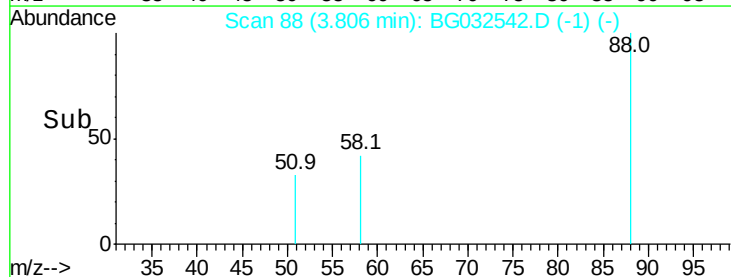
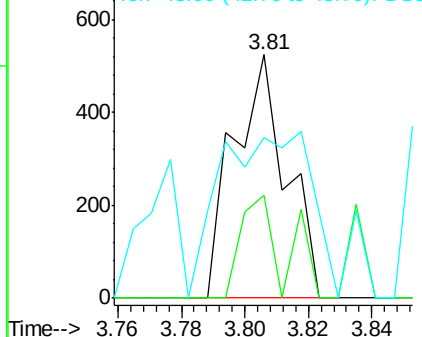
#2

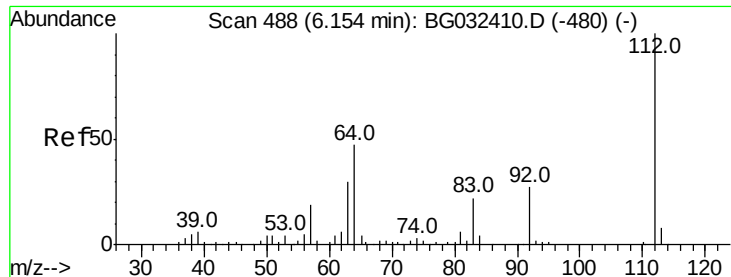
1,4-Dioxane
Concen: 2.009 ng
RT: 3.81 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion: 88 Resp: 601
Ion Ratio Lower Upper
88 100
58 34.8 79.6 119.4#
43 129.5 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 144.976 ng

RT: 6.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG032542.D

Acq: 5 Feb 2018 20:18

Instrument :

BNA_G

ClientSampleId :

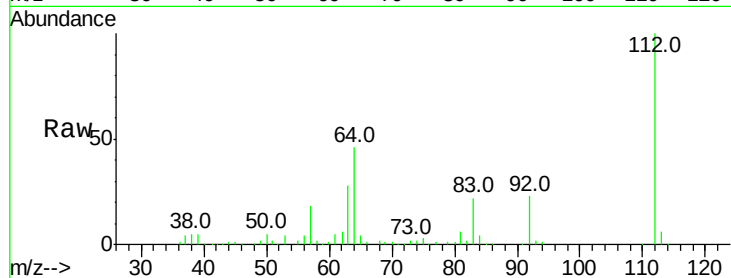
Tot Ion:112 Resp: 128905

Ion Ratio Lower Upper

112 100

64 46.3 56.3 84.5#

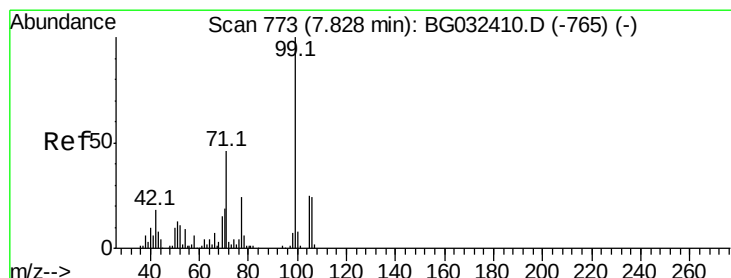
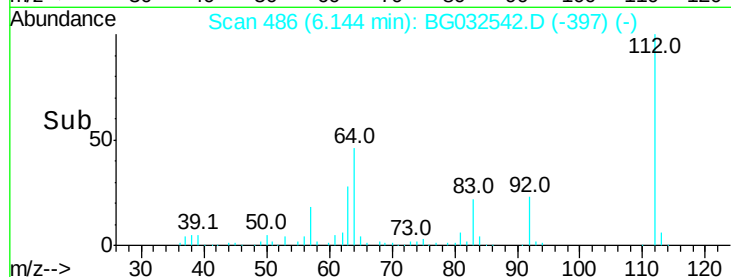
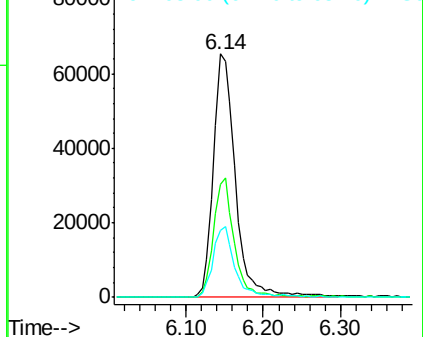
63 27.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 123.791 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032542.D

Acq: 5 Feb 2018 20:18

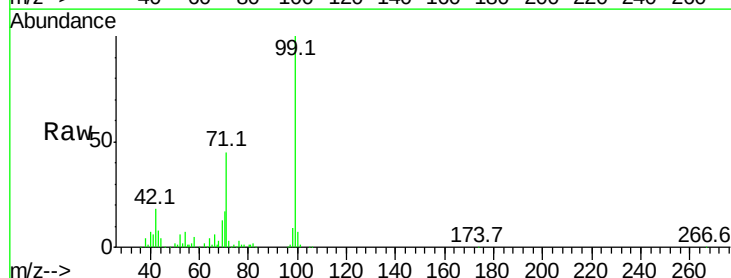
Tgt Ion: 99 Resp: 146877

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

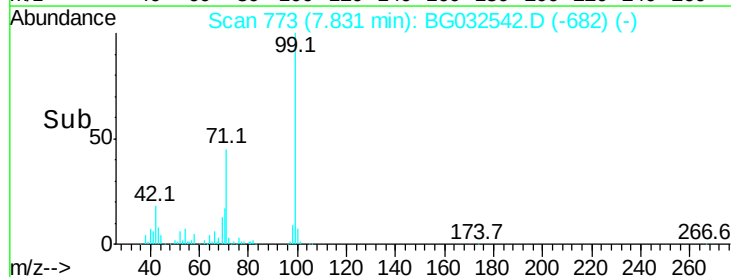
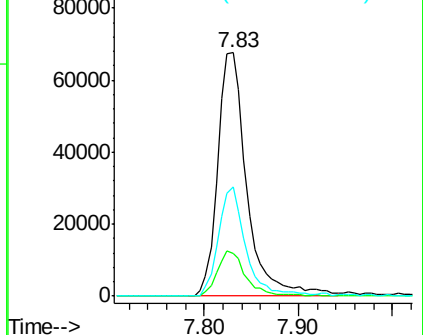
71 44.8 26.1 39.1#

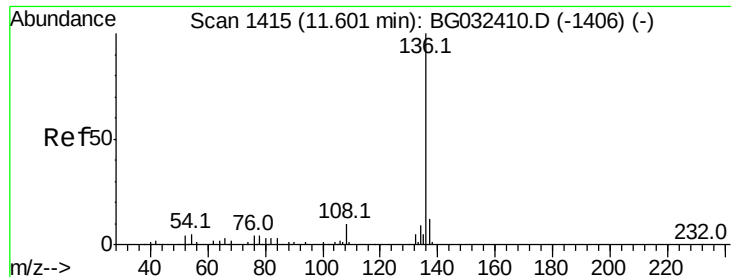


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

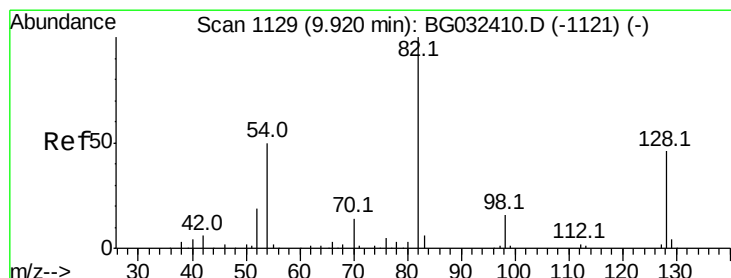
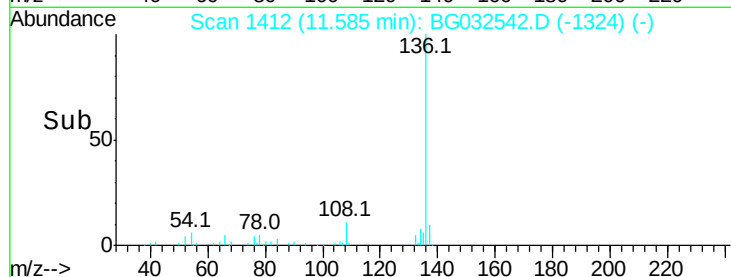
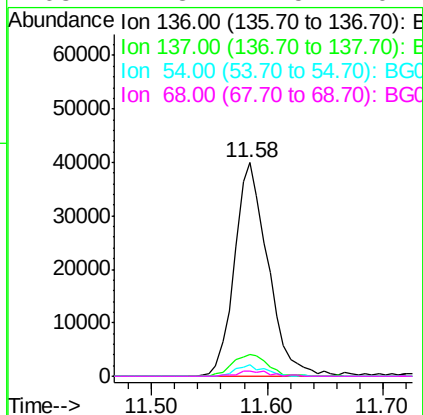
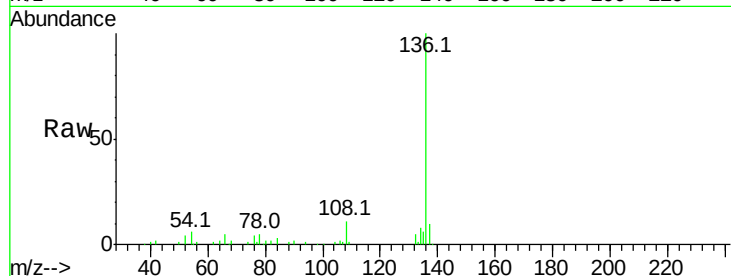




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

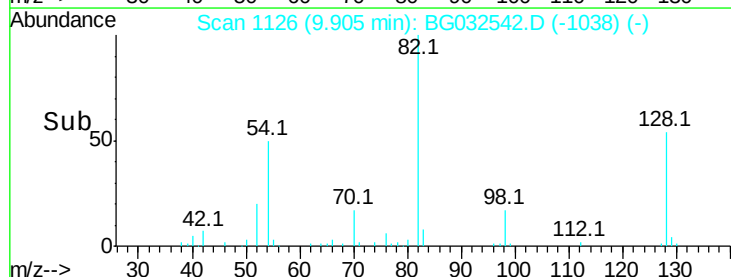
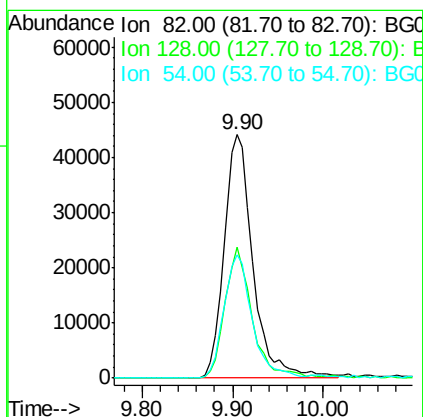
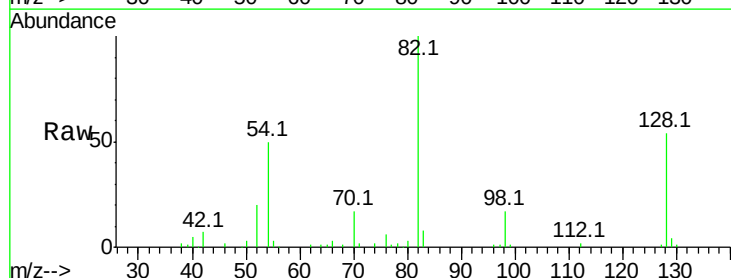
Instrument :
BNA_G
ClientSampleId :

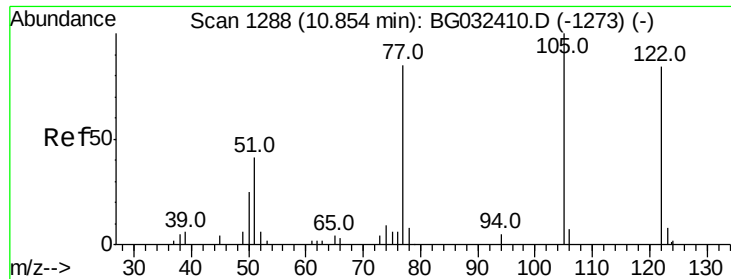
Tot Ion:	136	Resp:	80235
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	5.6	10.3	15.5#
68	2.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 75.645 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion:	82	Resp:	97172
Ion	Ratio	Lower	Upper
82	100		
128	53.7	29.7	44.5#
54	50.5	43.1	64.7

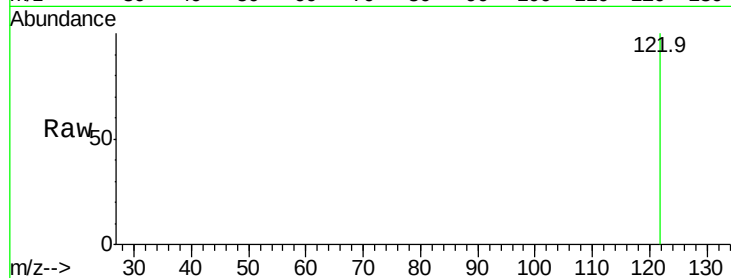




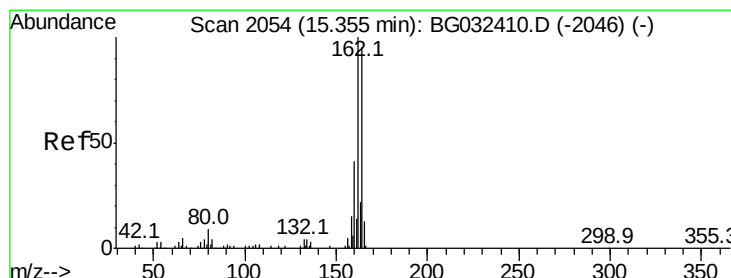
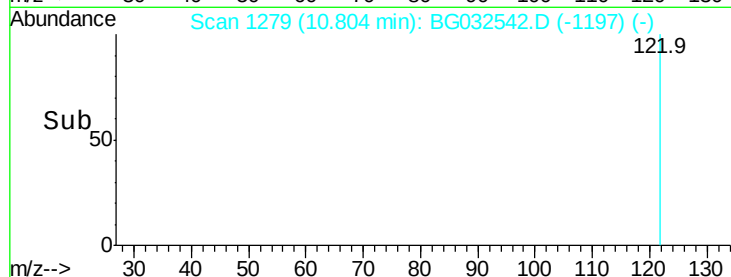
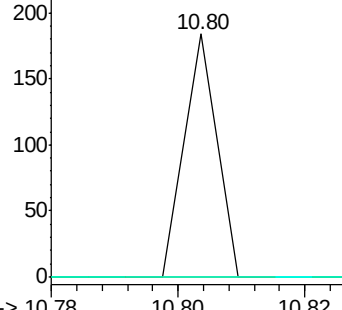
#32
Benzoic acid
Concen: 7.352 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

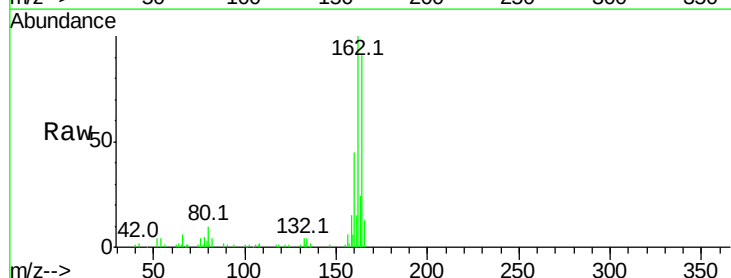


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

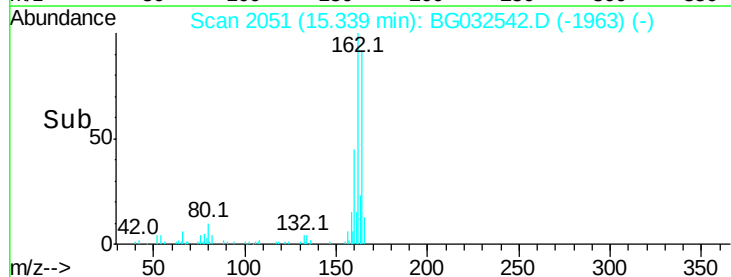
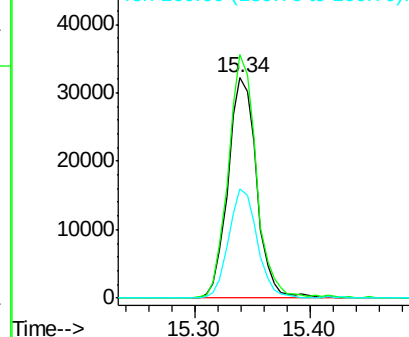


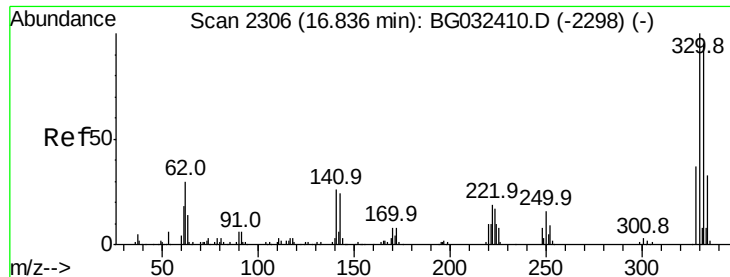
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.4	78.8	118.2
160	49.3	35.4	53.0



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: 139.553 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032542.D

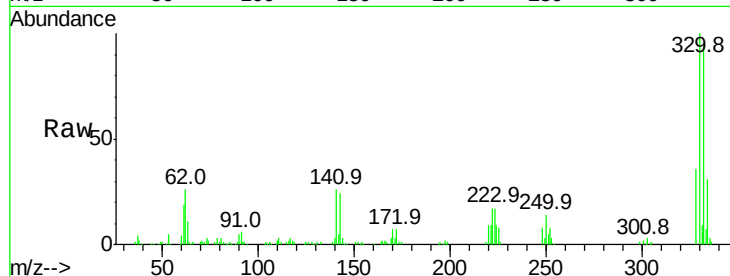
Acq: 5 Feb 2018 20:18

Instrument :

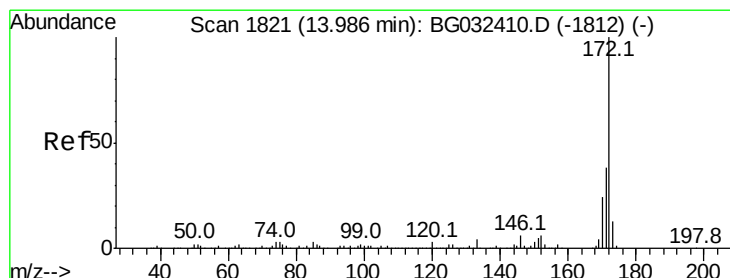
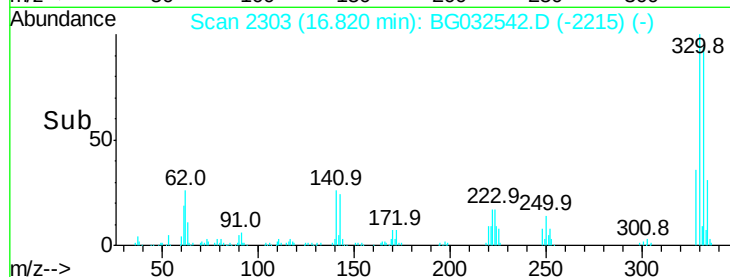
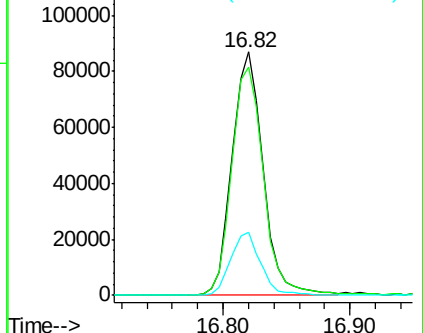
BNA_G

ClientSampled :

Tot Ion:	330	Resp:	146814
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	25.3	25.2	37.8



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: 72.648 ng

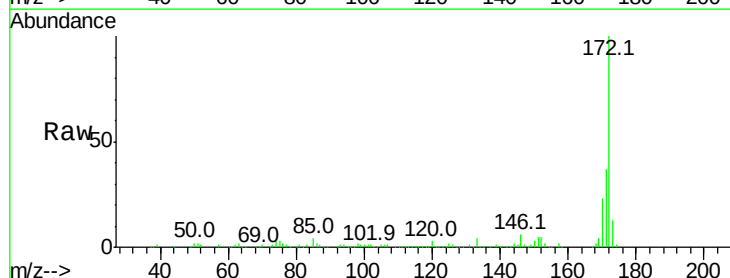
RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

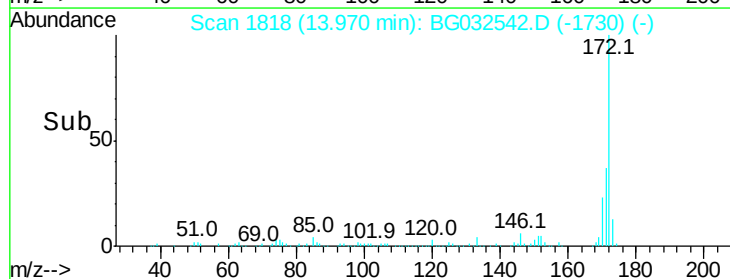
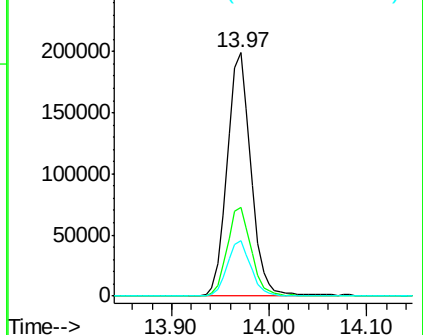
Lab File: BG032542.D

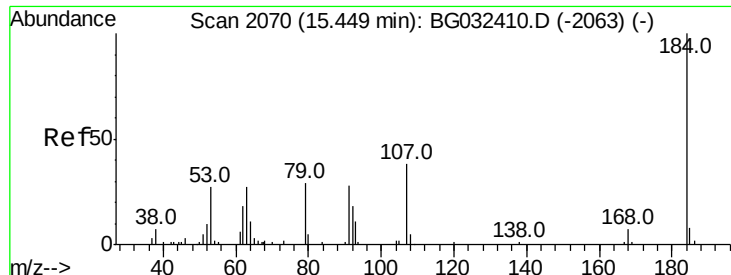
Acq: 5 Feb 2018 20:18

Tgt Ion:	172	Resp:	337812
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.7	19.5	29.3



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

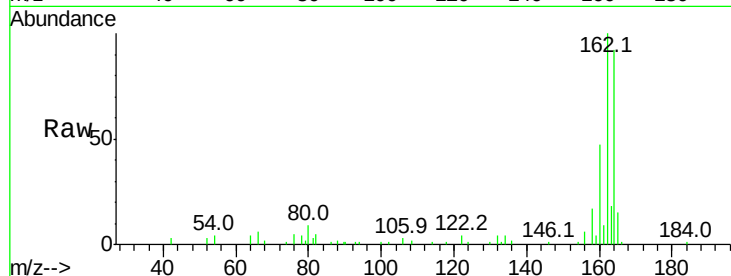




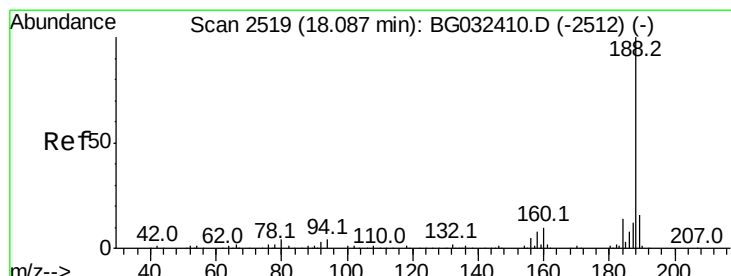
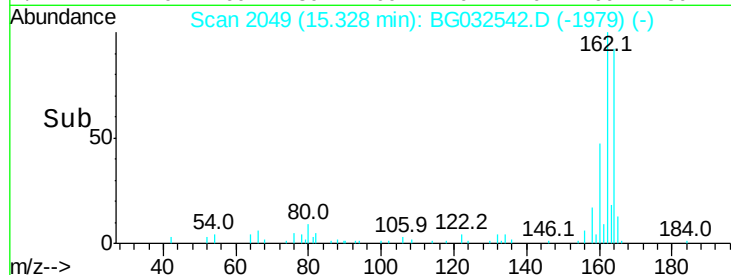
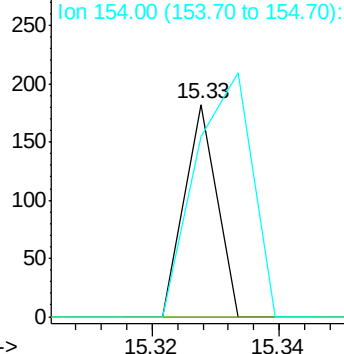
#53
 2,4-Dinitrophenol
 Concen: 4.195 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.12 min
 Lab File: BG032542.D
 Acq: 5 Feb 2018 20:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 64
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 85.2 101.8 152.8#

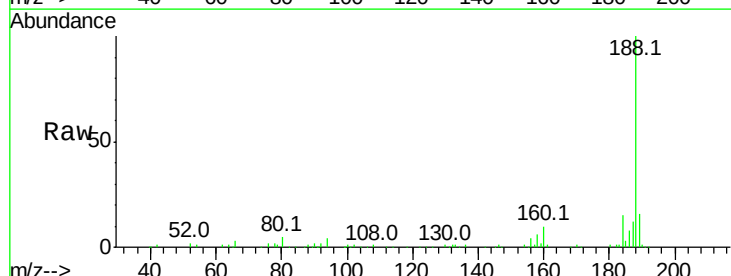


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

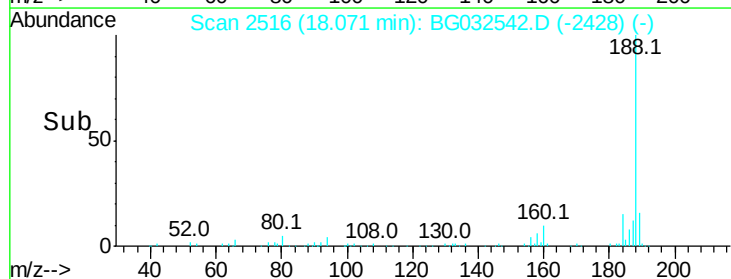
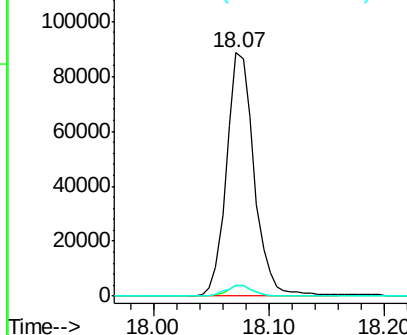


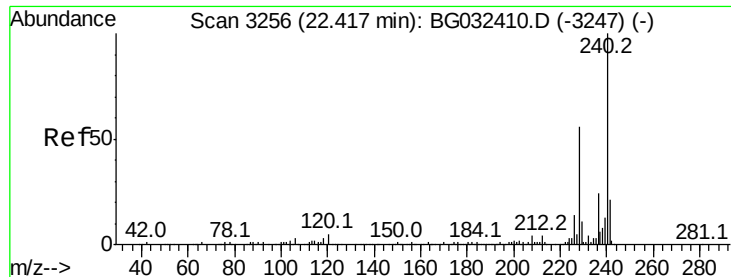
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG032542.D
 Acq: 5 Feb 2018 20:18

Tgt Ion:188 Resp: 147421
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.6 7.7 11.5#



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: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032542.D

Acq: 5 Feb 2018 20:18

Instrument :

BNA_G

ClientSampleId :

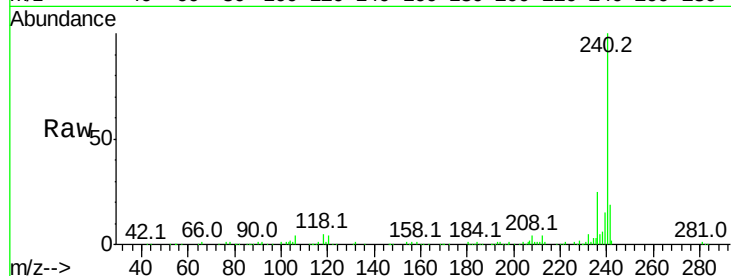
Tot Ion:240 Resp: 204833

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

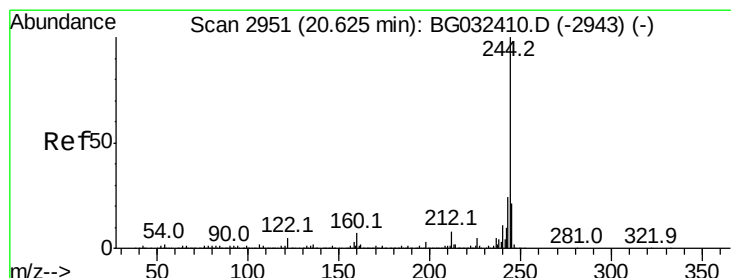
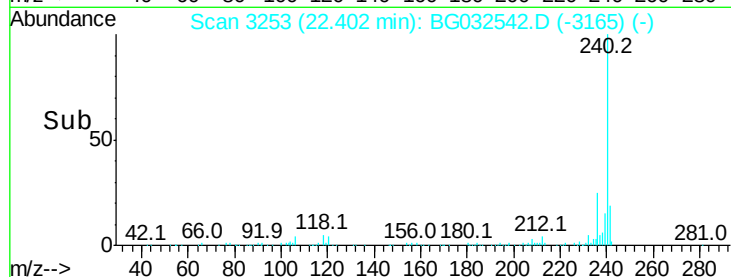
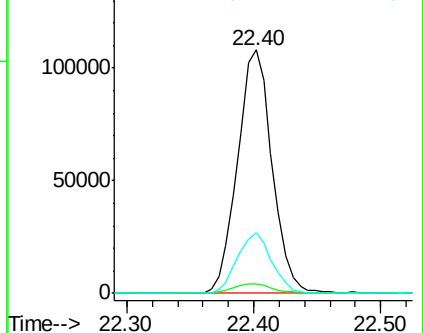
236 25.0 20.9 31.3



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: 87.005 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032542.D

Acq: 5 Feb 2018 20:18

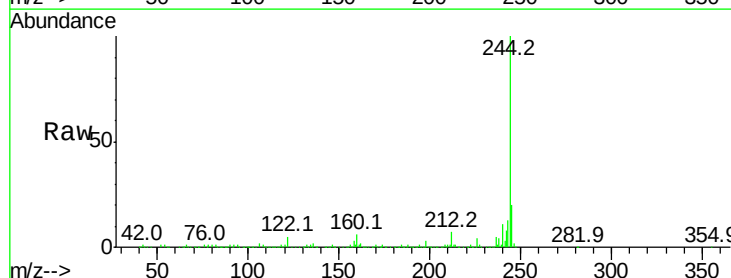
Tgt Ion:244 Resp: 831974

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

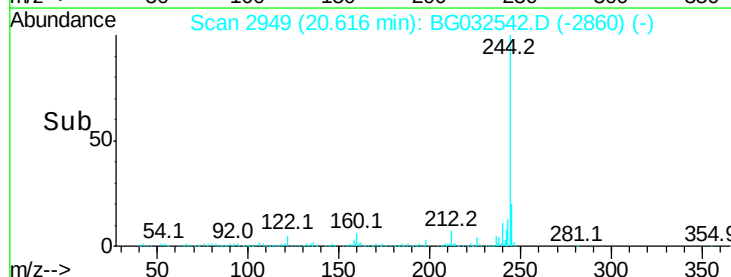
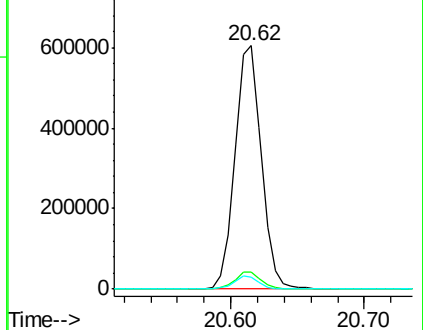
122 5.1 7.0 10.4#

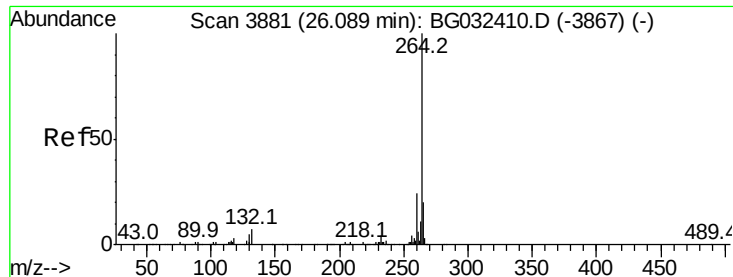


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

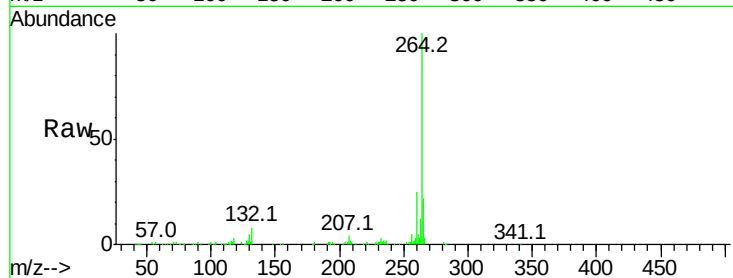




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BG032542.D
 Acq: 5 Feb 2018 20:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	22.4	17.7	26.5



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

