

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032584.D
 Acq On : 7 Feb 2018 4:56
 Operator : SJ/JU
 Sample : J1455-04
 Misc : MDL-W-8 ppm
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 07:02:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

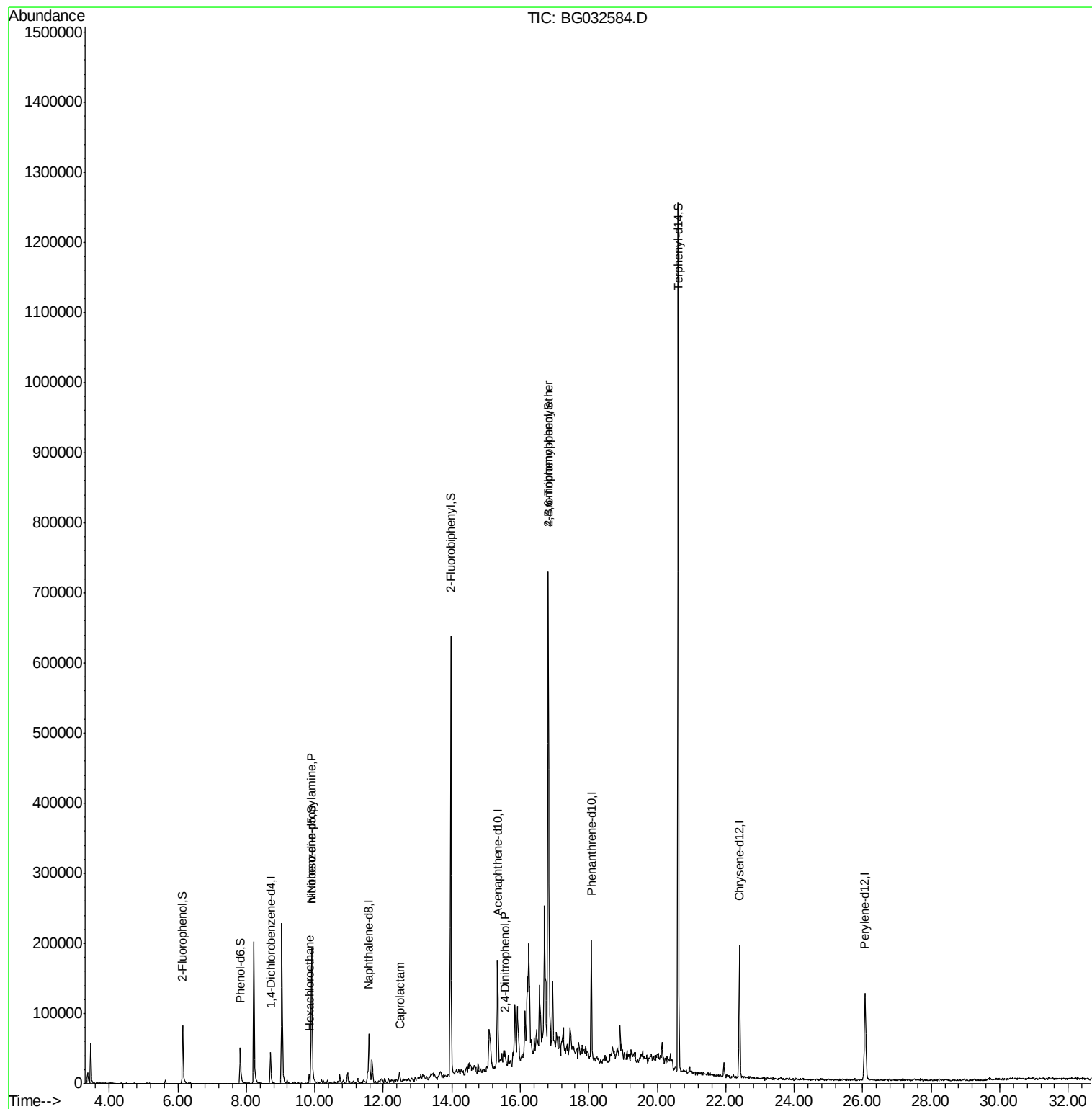
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	18380	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	73341	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	54895	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	122536	20.00	ng	0.00
75) Chrysene-d12	22.40	240	150239	20.00	ng	0.00
86) Perylene-d12	26.07	264	170700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	52000	56.83	ng	0.00
7) Phenol-d6	7.82	99	38767	31.75	ng	0.00
23) Nitrobenzene-d5	9.90	82	125746	107.09	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	178722	171.04	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	391910	84.85	ng	0.00
78) Terphenyl-d14	20.61	244	687377	98.01	ng	0.00
Target Compounds						
18) Hexachloroethane	9.85	117	4213	8.558	ng	# 27
19) n-Nitroso-di-n-propylamine	9.90	70	18284	22.583	ng	# 71
35) Caprolactam	12.48	113	1650	4.404	ng	# 36
53) 2,4-Dinitrophenol	15.57	184	54	4.182	ng	# 1
66) 4-Bromophenyl-phenylether	16.82	248	14011	7.718	ng	# 1

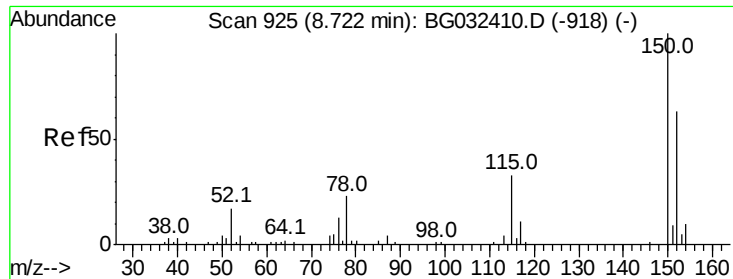
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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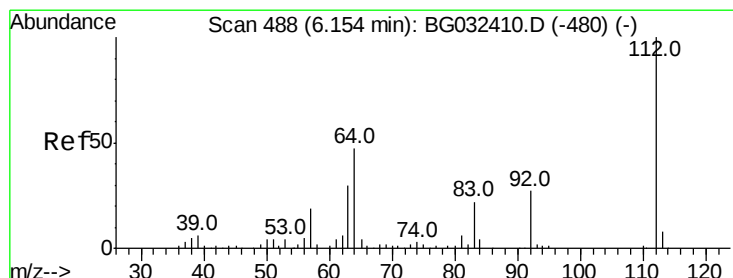
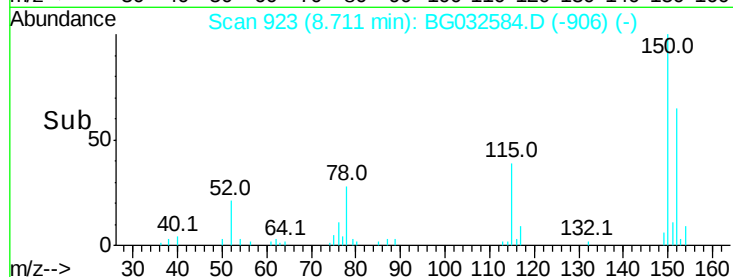
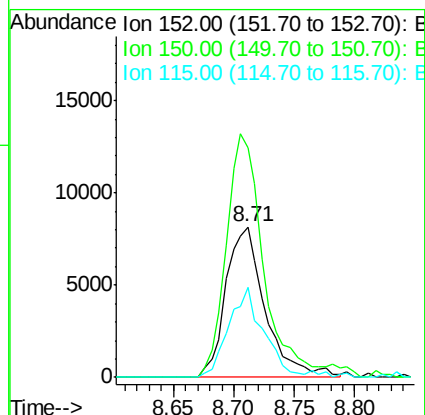
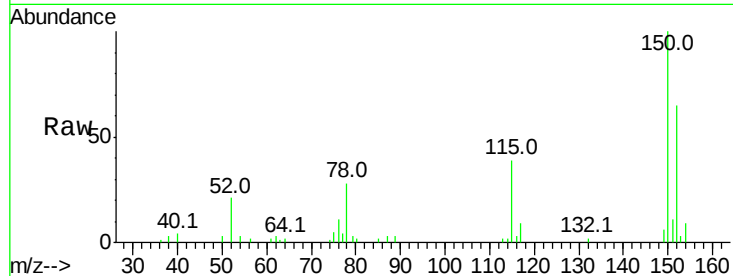


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :

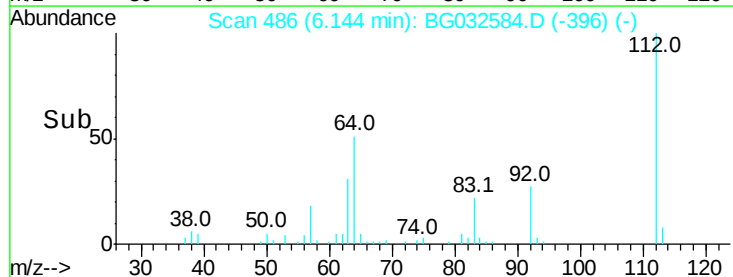
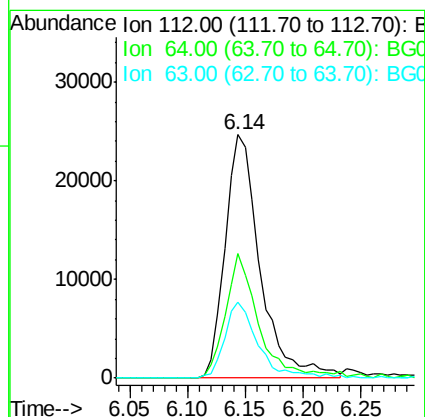
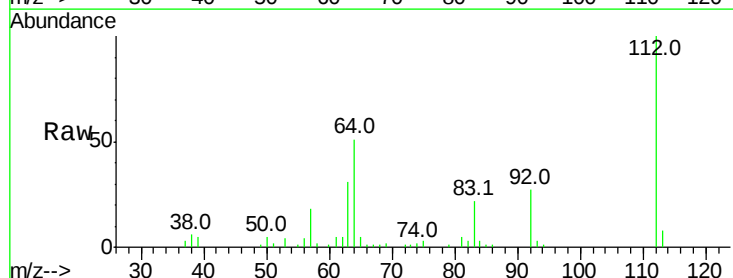
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	59.8	53.0	79.4

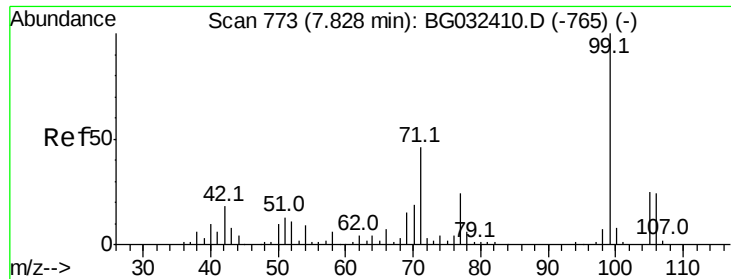


#5

2-Fluorophenol
Concen: 56.825 ng
RT: 6.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	56.3	84.5#
63	31.4	30.1	45.1





#7

Phenol-d6

Concen: 31.748 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG032584.D

Acq: 7 Feb 2018 4:56

Instrument :

BNA_G

ClientSampleId :

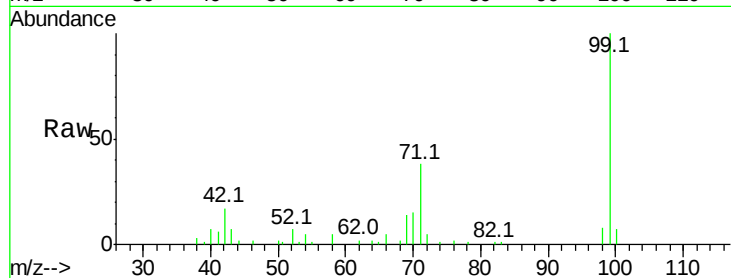
Tot Ion: 99 Resp: 38767

Ion Ratio Lower Upper

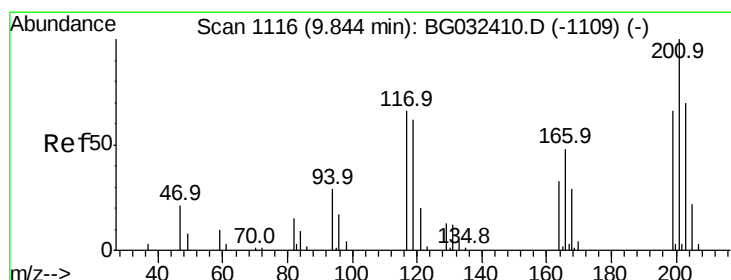
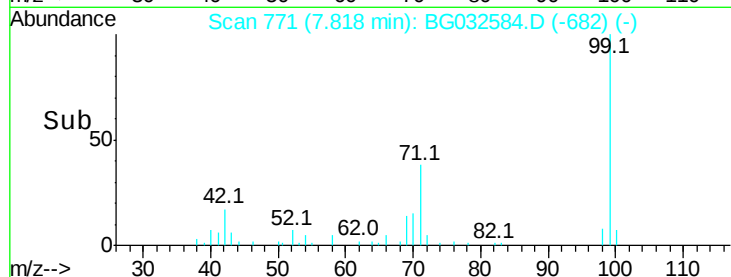
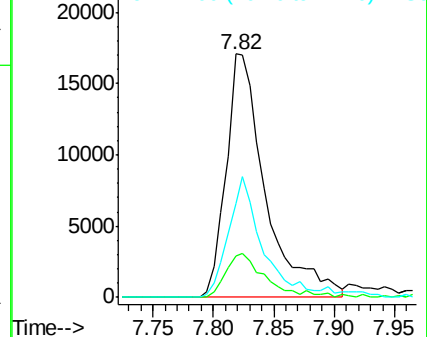
99 100

42 16.8 14.1 21.1

71 38.5 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



#18

Hexachloroethane

Concen: 8.558 ng

RT: 9.85 min Scan# 1116

Delta R.T. 0.02 min

Lab File: BG032584.D

Acq: 7 Feb 2018 4:56

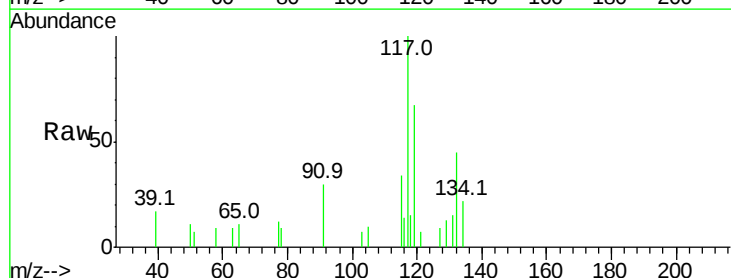
Tgt Ion: 117 Resp: 4213

Ion Ratio Lower Upper

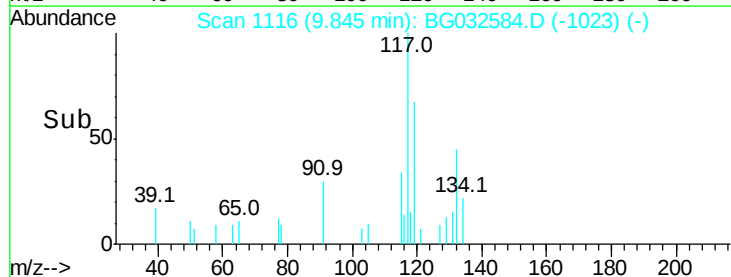
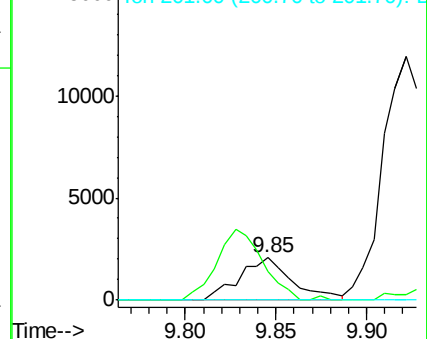
117 100

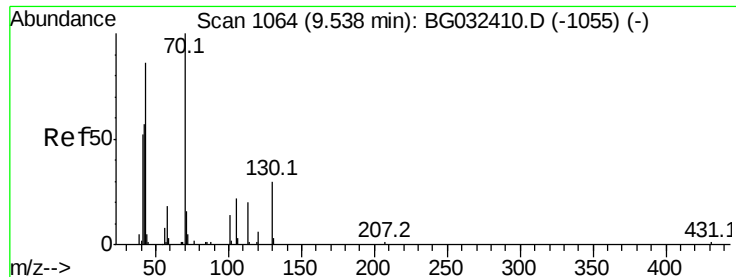
119 66.9 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

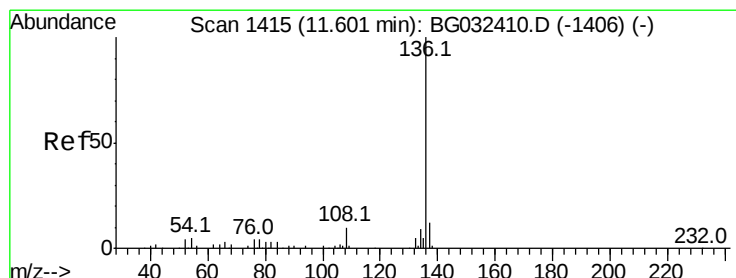
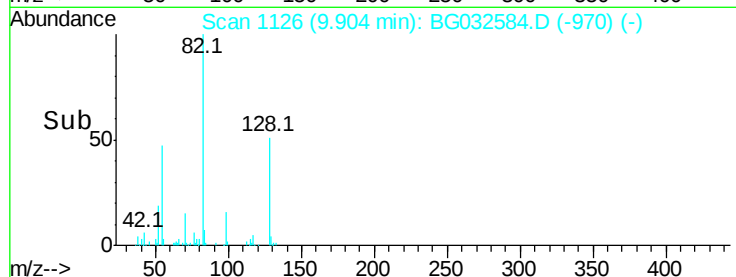
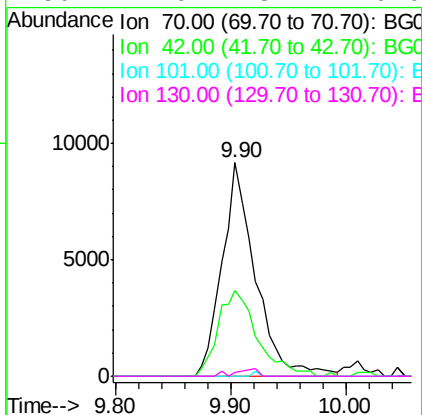
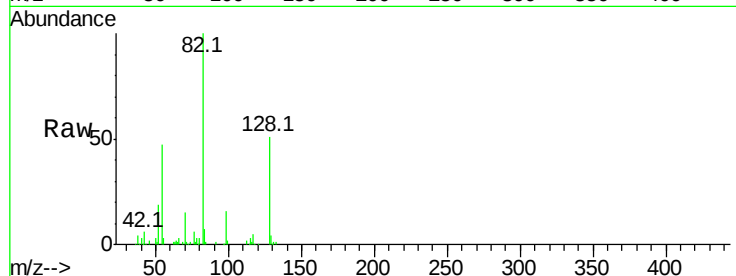




#19
n-Nitroso-di-n-propylamine
Concen: 22.583 ng
RT: 9.90 min Scan# 1126
Delta R.T. 0.39 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

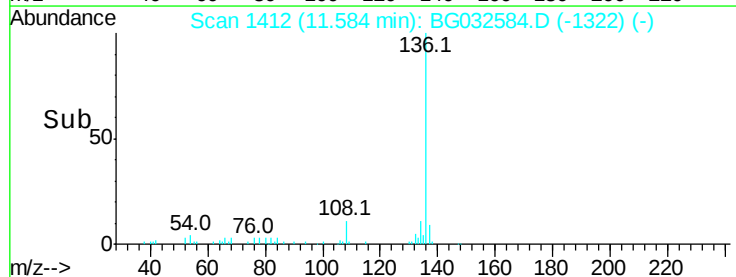
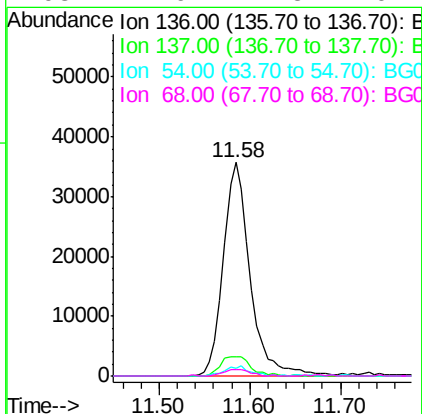
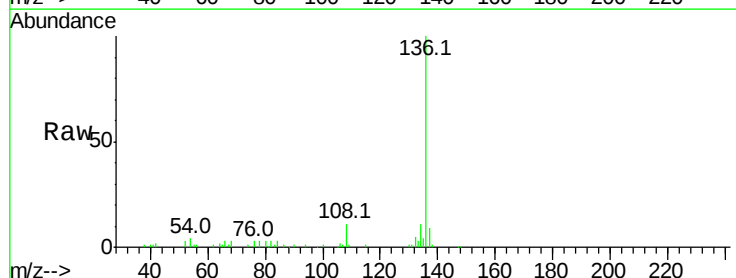
Instrument :
BNA_G
ClientSampleId :

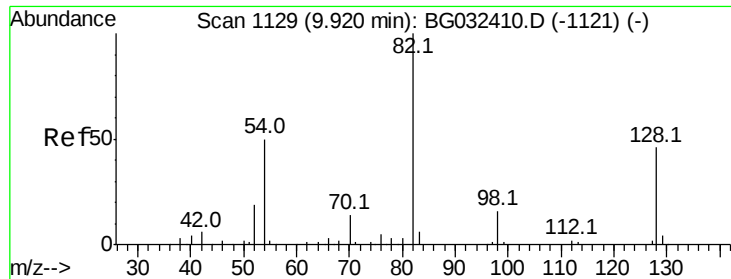
Tot Ion: 70 Resp: 18284
Ion Ratio Lower Upper
70 100
42 40.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 136 Resp: 73341
Ion Ratio Lower Upper
136 100
137 8.8 9.2 13.8#
54 3.8 10.3 15.5#
68 2.9 4.5 6.7#

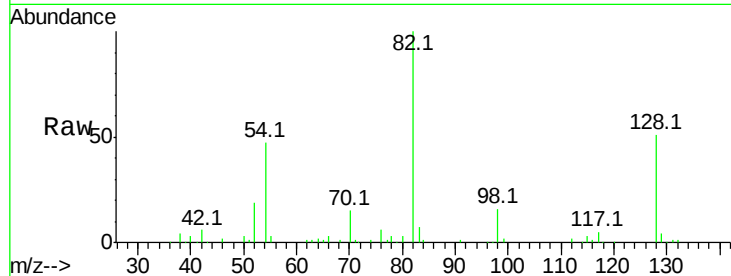




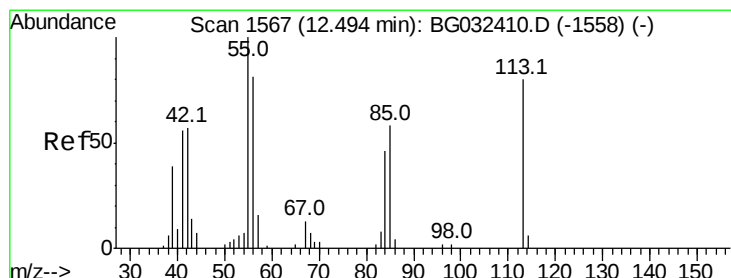
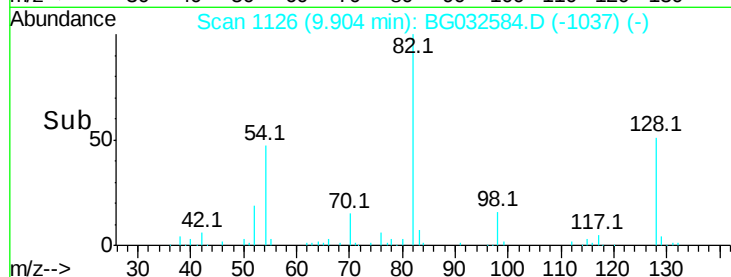
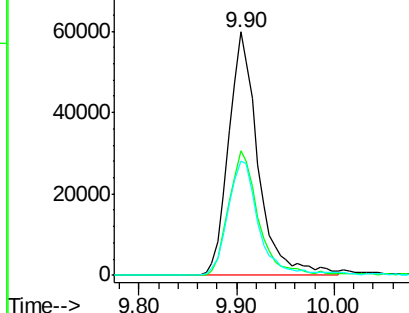
#23
Nitrobenzene-d5
Concen: 107.091 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 125746
Ion Ratio Lower Upper
82 100
128 51.1 29.7 44.5#
54 47.2 43.1 64.7

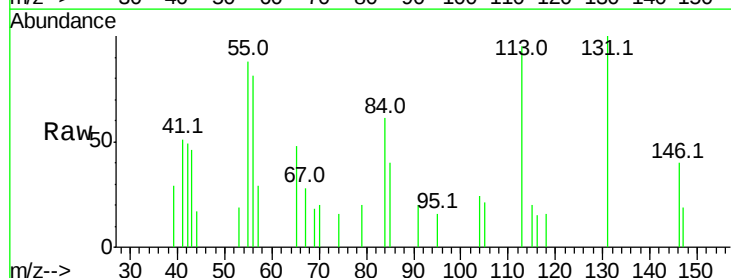


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

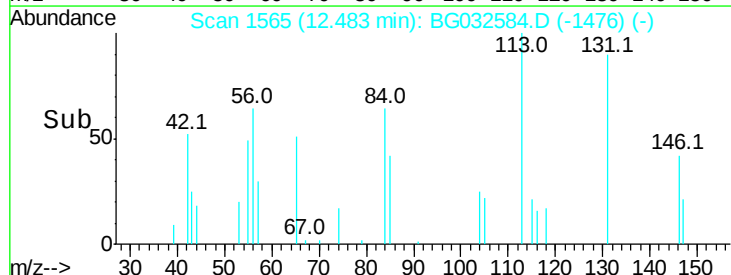
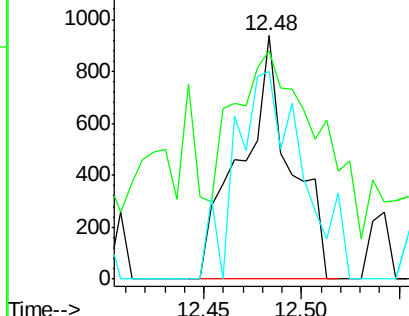


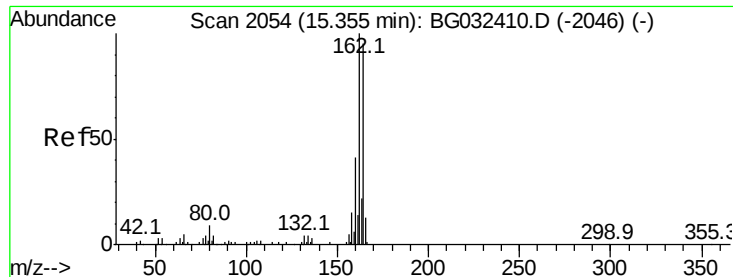
#35
Caprolactam
Concen: 4.404 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 113 Resp: 1650
Ion Ratio Lower Upper
113 100
55 93.5 186.9 226.9#
56 85.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG032584.D

Acq: 7 Feb 2018 4:56

Instrument :

BNA_G

ClientSampleId :

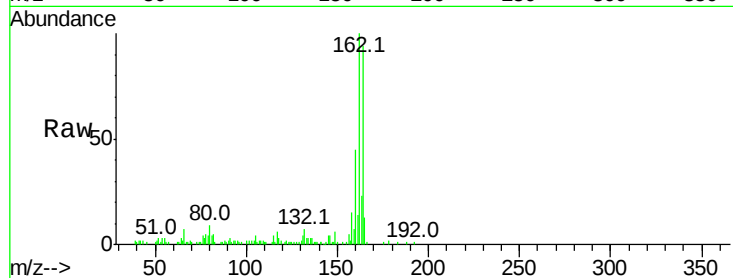
Tot Ion:164 Resp: 54895

Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	48.3	35.4	53.0

164 100

162 106.3 78.8 118.2

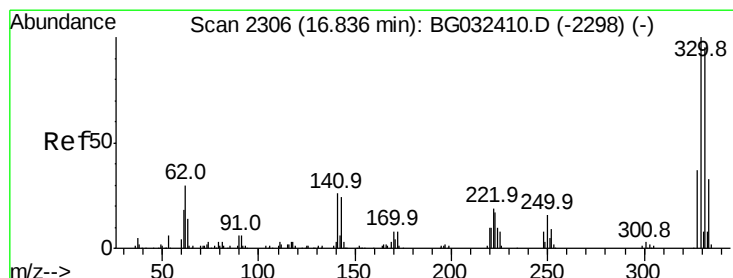
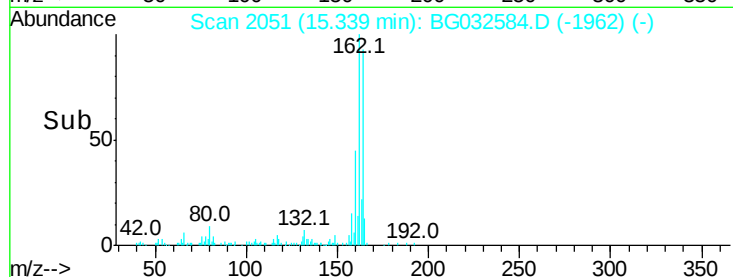
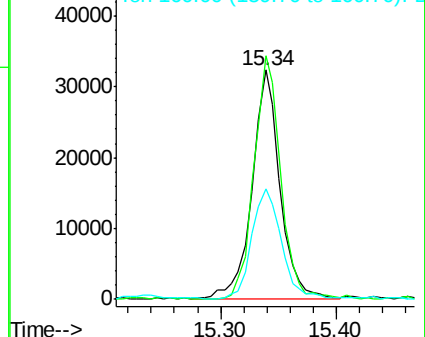
160 48.3 35.4 53.0



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: 171.038 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG032584.D

Acq: 7 Feb 2018 4:56

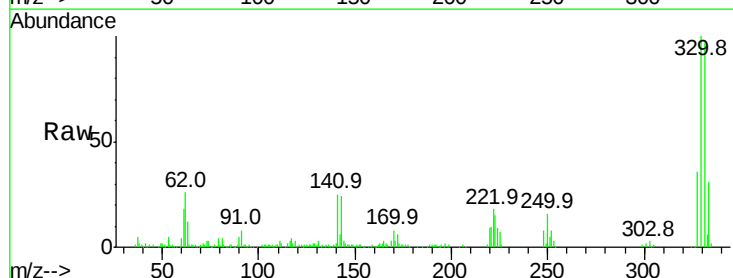
Tgt Ion:330 Resp: 178722

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	26.1	25.2	37.8

330 100

332 98.4 77.0 115.6

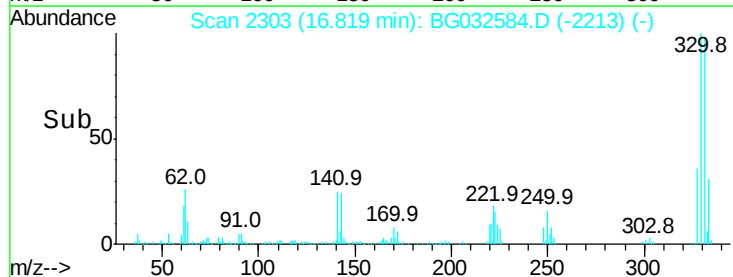
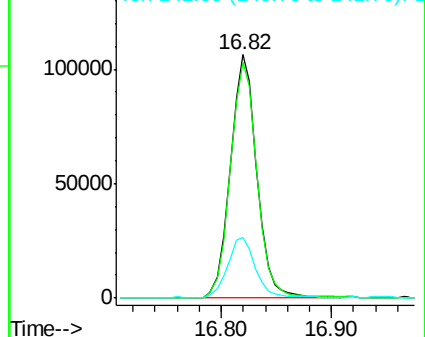
141 26.1 25.2 37.8

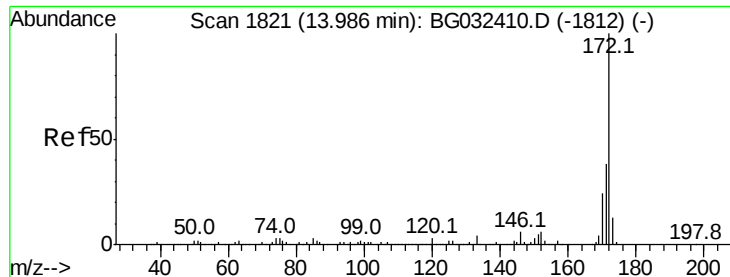


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

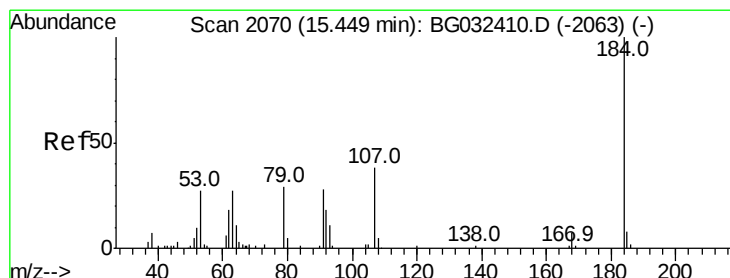
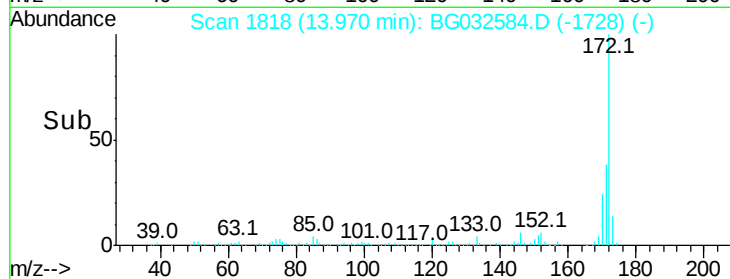
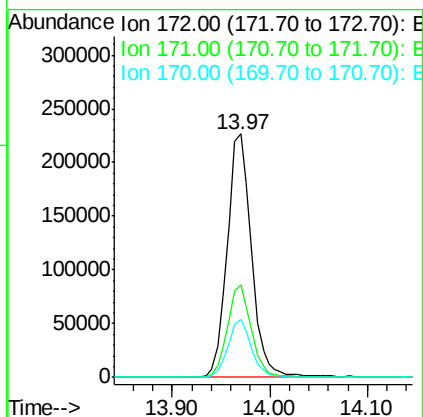
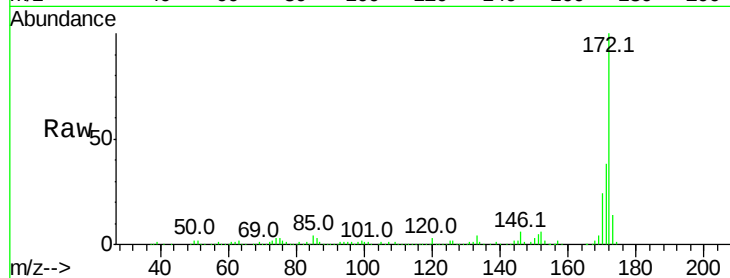




#44
2-Fluorobiphenyl
Concen: 84.855 ng
RT: 13.97 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

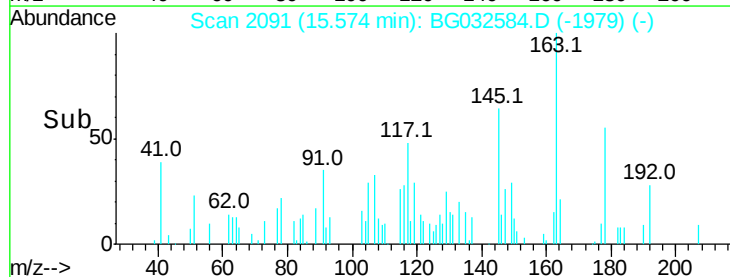
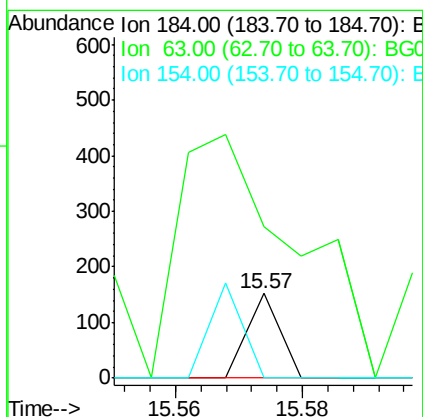
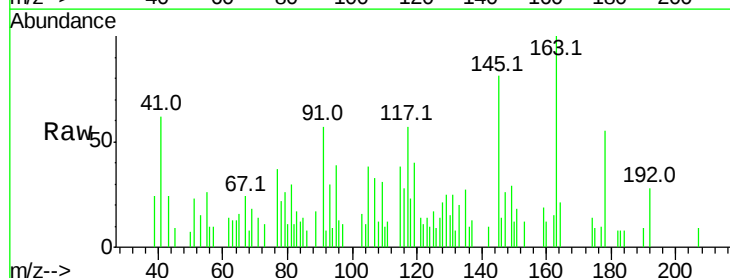
Instrument :
BNA_G
ClientSampleId :

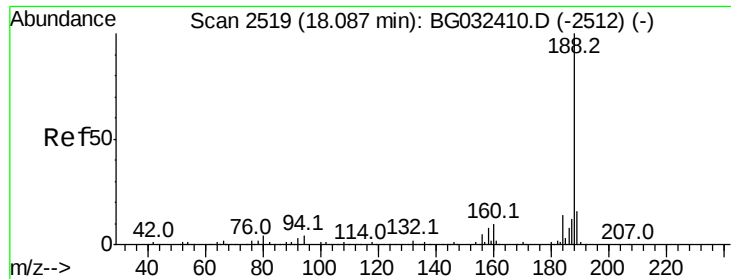
Tot Ion:172 Resp: 391910
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 24.0 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 4.182 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.13 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 178.9 59.8 89.8#
154 0.0 101.8 152.8#

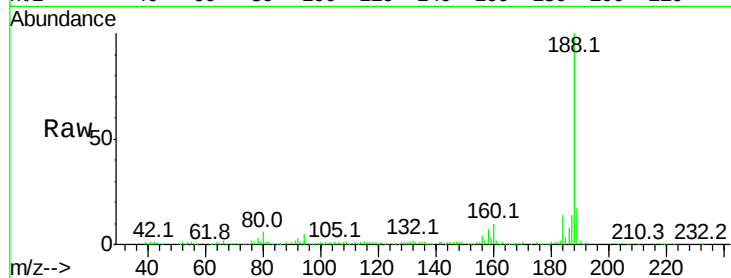




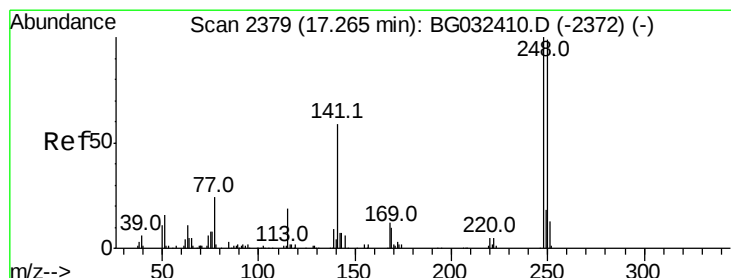
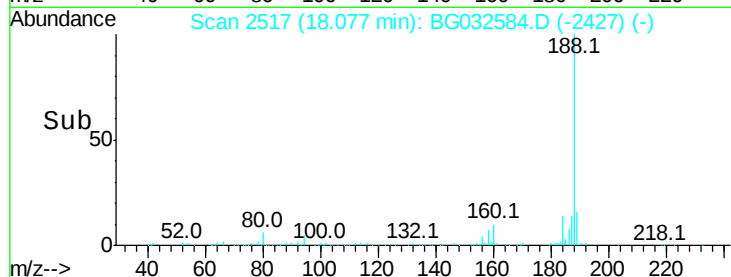
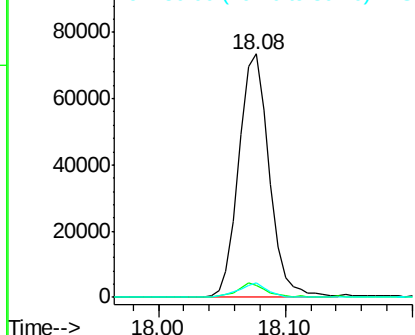
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BG032584.D
 Acq: 7 Feb 2018 4:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 122536
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 5.8 7.7 11.5#

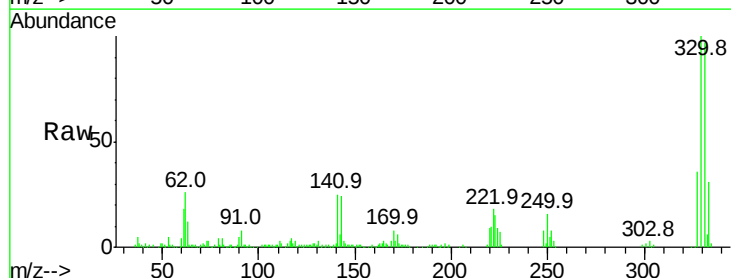


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

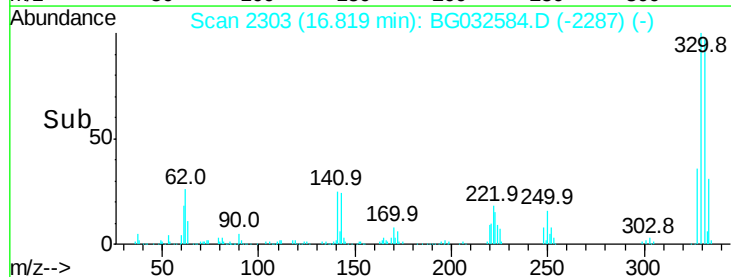
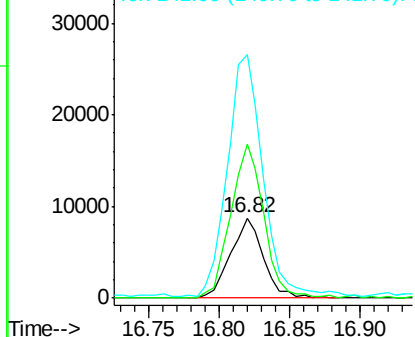


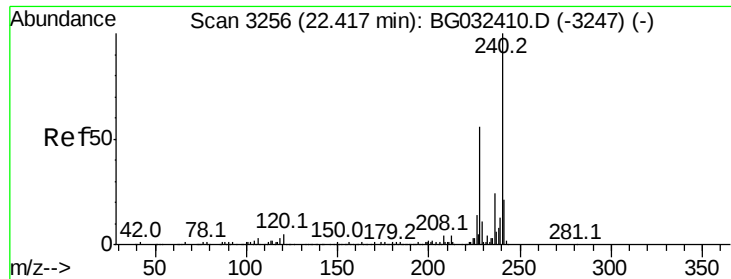
#66
 4-Bromophenyl-phenylether
 Concen: 7.718 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.43 min
 Lab File: BG032584.D
 Acq: 7 Feb 2018 4:56

Tgt Ion:248 Resp: 14011
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.1 115.7#
 141 304.8 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.00 min

Lab File: BG032584.D

Acq: 7 Feb 2018 4:56

Instrument :

BNA_G

ClientSampleId :

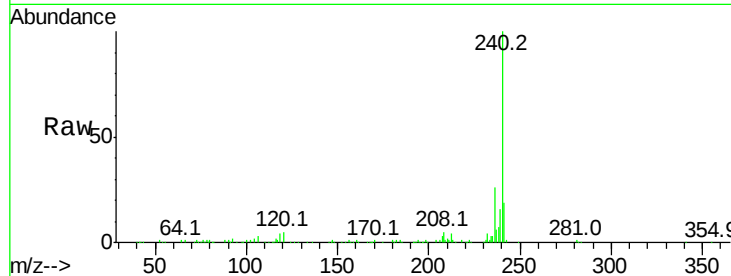
Tot Ion:240 Resp: 150239

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

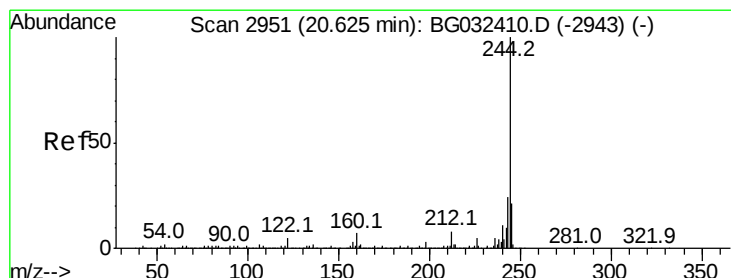
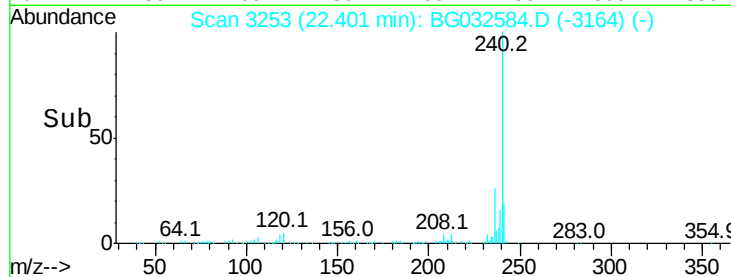
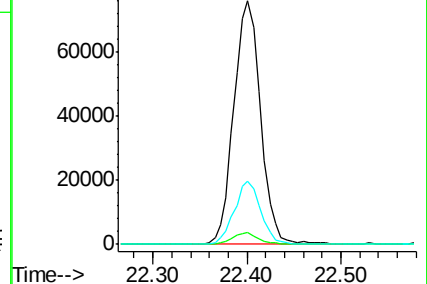
236 26.1 20.9 31.3



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: 98.005 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032584.D

Acq: 7 Feb 2018 4:56

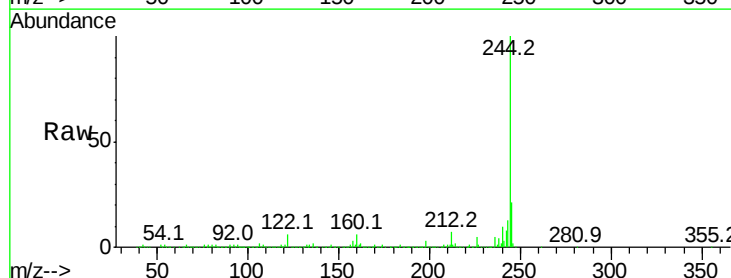
Tgt Ion:244 Resp: 687377

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

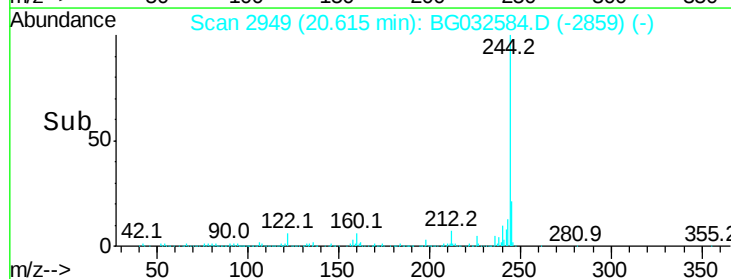
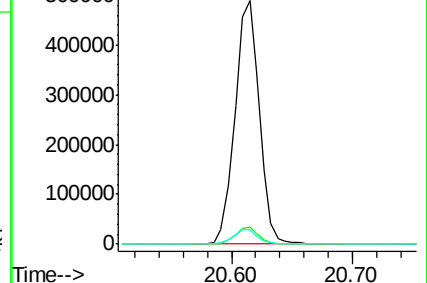
122 5.7 7.0 10.4#

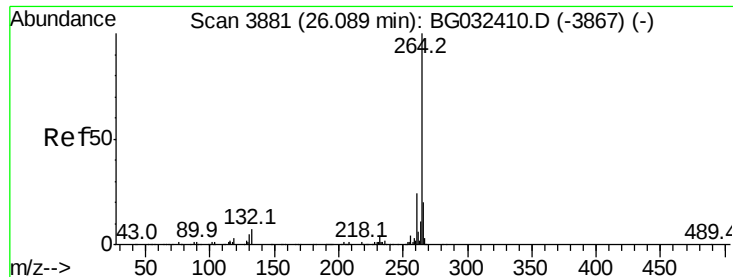


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

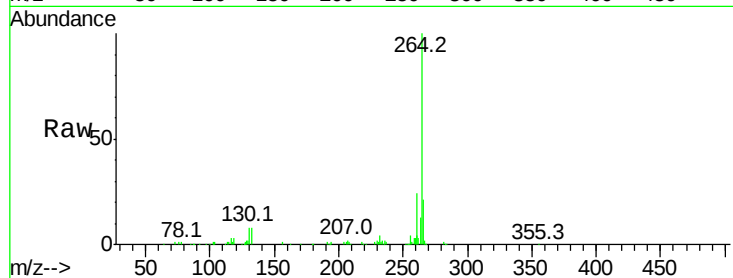




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: BG032584.D
 Acq: 7 Feb 2018 4:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.5	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

