

Data Path : U:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032298.D
 Acq On : 25 Jan 2018 18:02
 Operator : SJ/JU
 Sample : PB106006BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 26 01:22:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

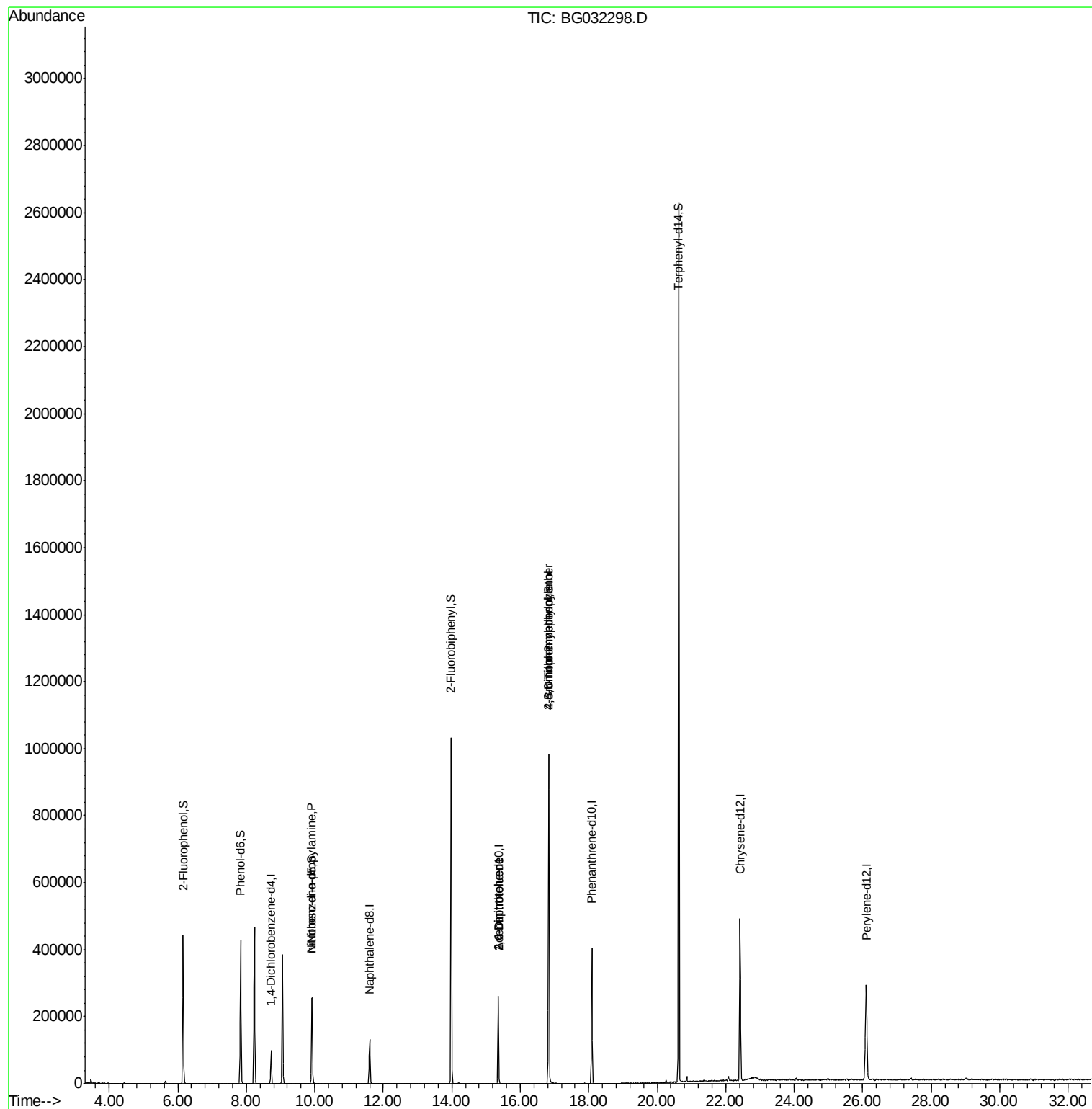
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32158	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	124437	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	96094	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	290393	20.00	ng	0.00
75) Chrysene-d12	22.42	240	367200	20.00	ng	0.00
86) Perylene-d12	26.10	264	389601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	217584	123.75	ng	0.00
7) Phenol-d6	7.84	99	262318	118.46	ng	0.00
23) Nitrobenzene-d5	9.92	82	161292	87.69	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	224635	141.27	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	608680	78.54	ng	0.00
78) Terphenyl-d14	20.63	244	1364075	82.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.92	70	22825	16.612	ng	# 77
50) 2,6-Dinitrotoluene	15.36	165	12563	7.198	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	12563	5.346	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.83	198	794	5.268	ng	# 69
66) 4-Bromophenyl-phenylether	16.83	248	18761	4.541	ng	# 1

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

Data Path : U:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032298.D
Acq On : 25 Jan 2018 18:02
Operator : SJ/JU
Sample : PB106006BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 26 01:22:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

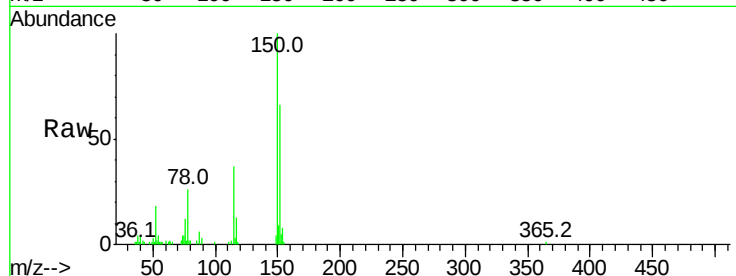
Tot Ion:152 Resp: 32158

Ion Ratio Lower Upper

152 100

150 152.6 126.6 189.8

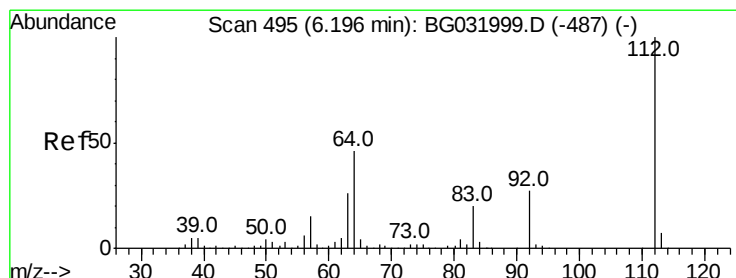
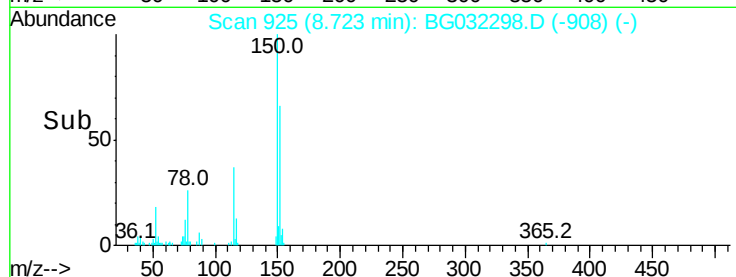
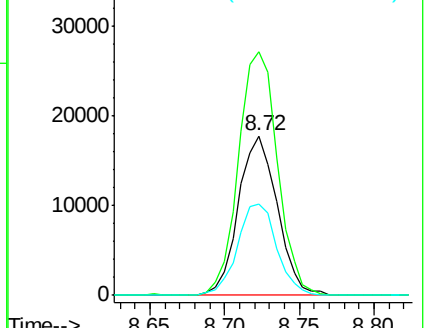
115 56.9 53.0 79.4



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



#5

2-Fluorophenol

Concen: 123.747 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

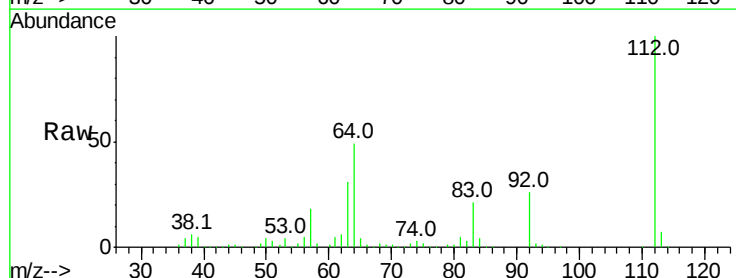
Tgt Ion:112 Resp: 217584

Ion Ratio Lower Upper

112 100

64 49.0 56.3 84.5#

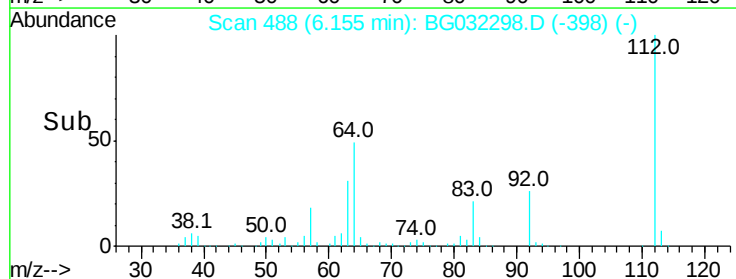
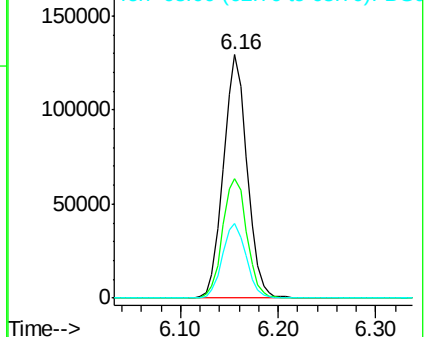
63 30.8 30.1 45.1

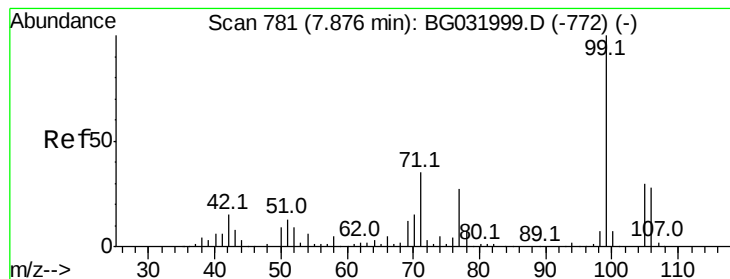


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.457 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampled :

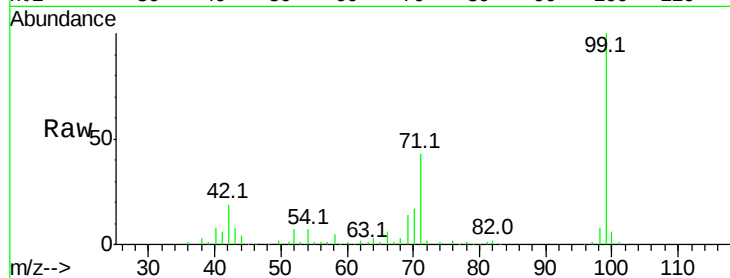
Tot Ion: 99 Resp: 262318

Ion Ratio Lower Upper

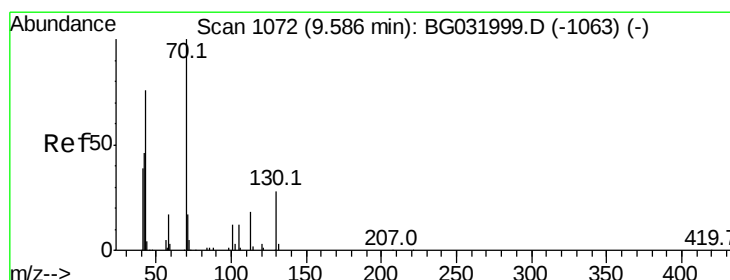
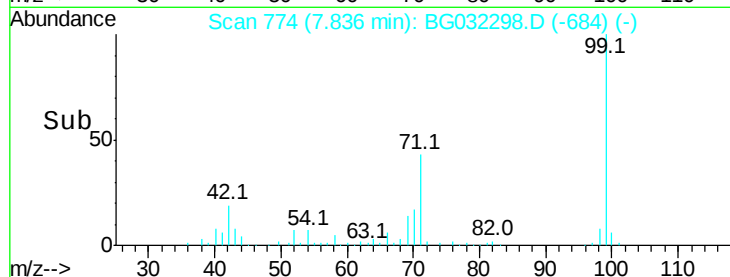
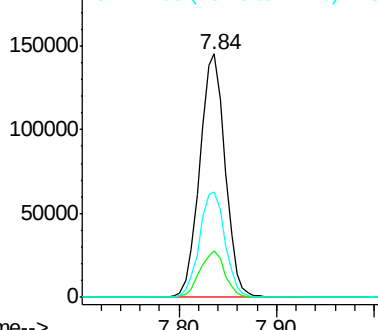
99 100

42 19.0 14.1 21.1

71 43.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.612 ng

RT: 9.92 min Scan# 1128

Delta R.T. 0.38 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Tgt Ion: 70 Resp: 22825

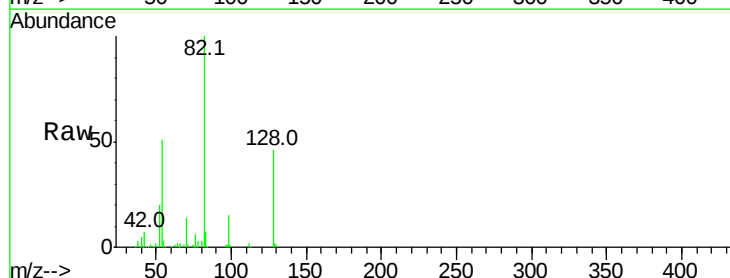
Ion Ratio Lower Upper

70 100

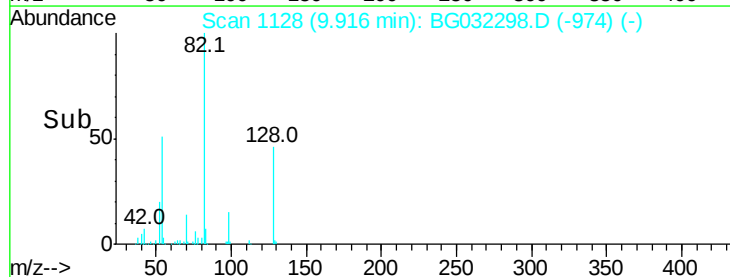
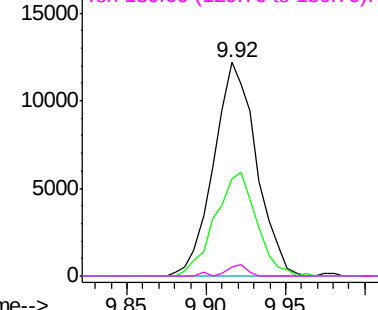
42 45.6 49.1 73.7#

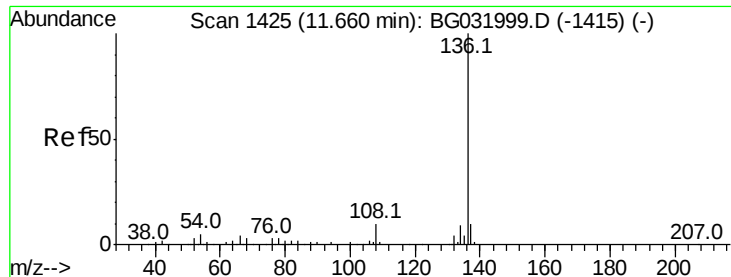
101 0.0 8.5 12.7#

130 4.2 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

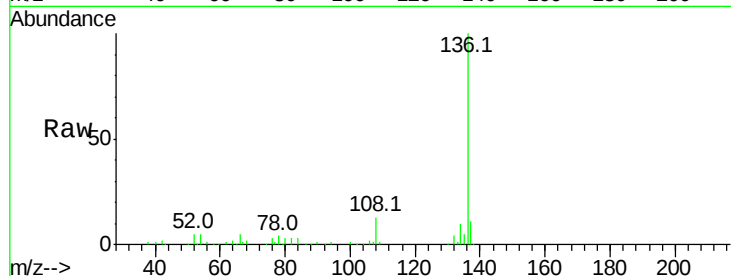




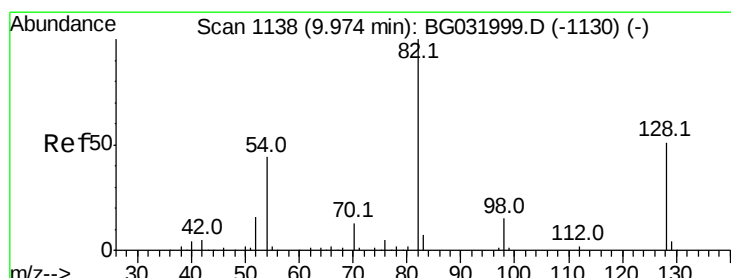
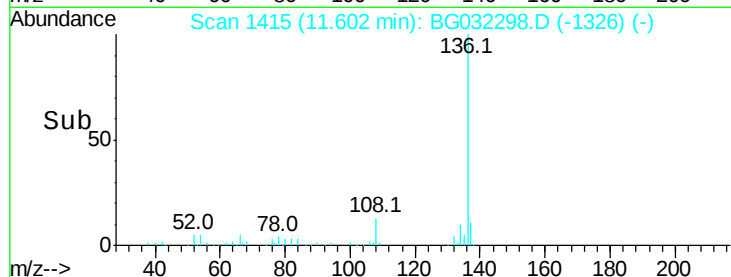
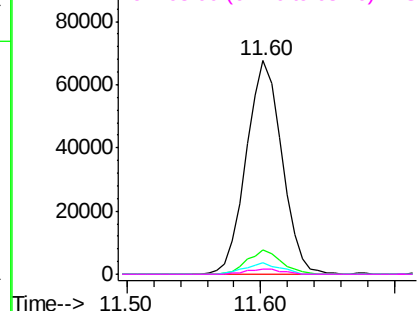
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	124437
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.1	10.3	15.5#
68	2.4	4.5	6.7#

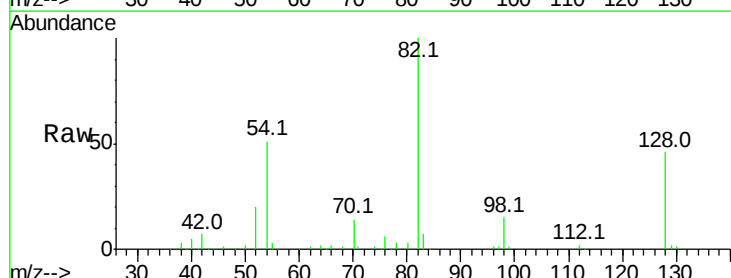


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

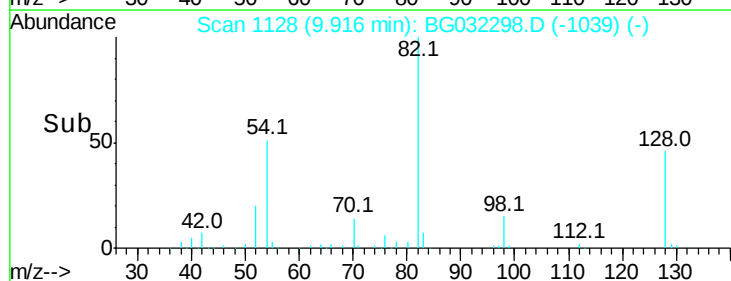
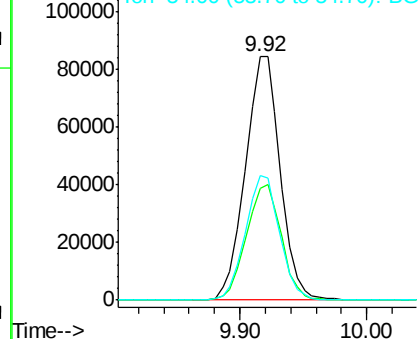


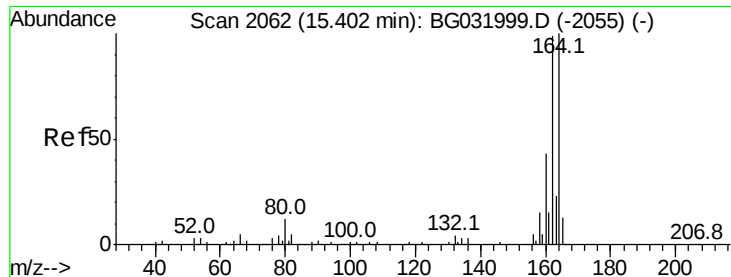
#23
Nitrobenzene-d5
Concen: 87.692 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Tgt Ion:	82	Resp:	161292
Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	51.4	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

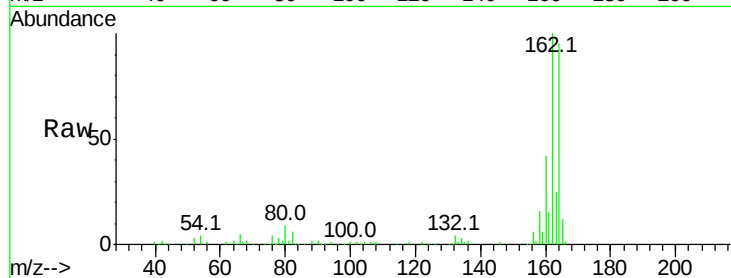
Tot Ion:164 Resp: 96094

Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	44.8	35.4	53.0

164 100

162 105.6 78.8 118.2

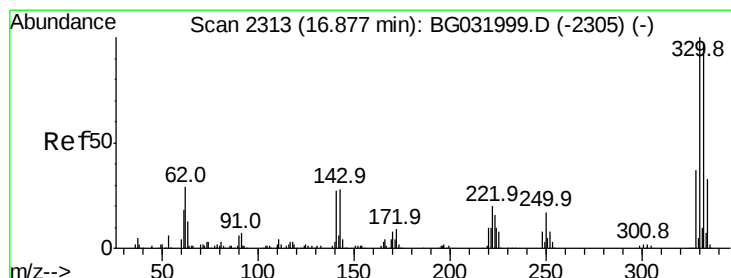
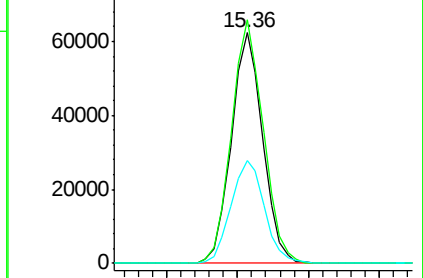
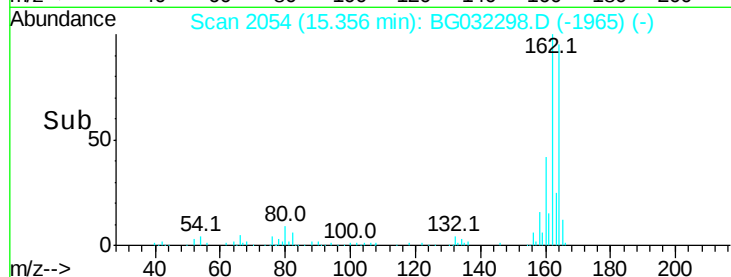
160 44.8 35.4 53.0



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: 141.268 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

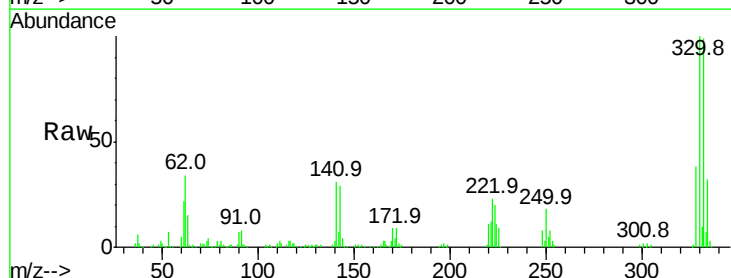
Tgt Ion:330 Resp: 224635

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	30.3	25.2	37.8

330 100

332 97.1 77.0 115.6

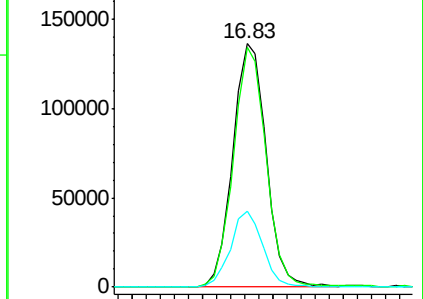
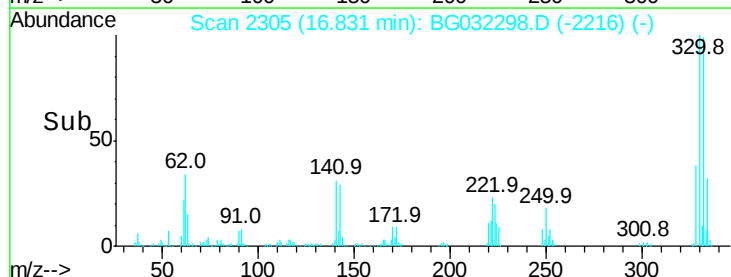
141 30.3 25.2 37.8

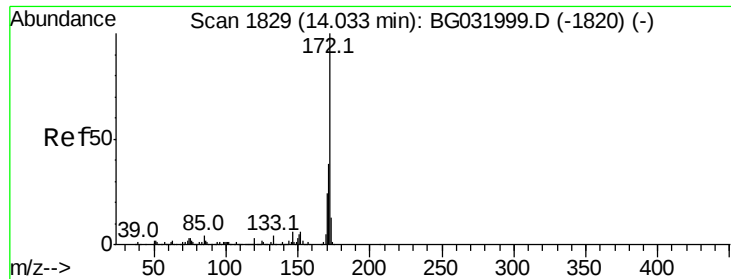


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

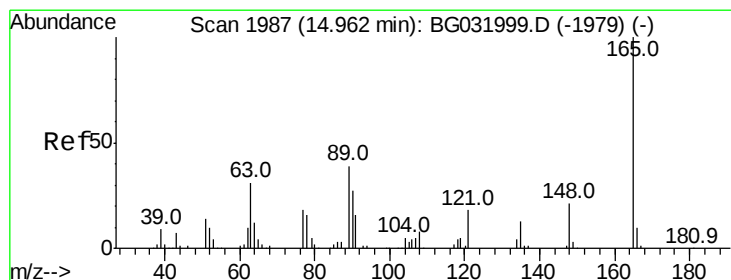
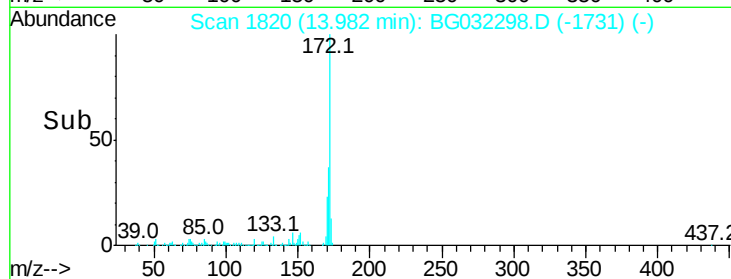
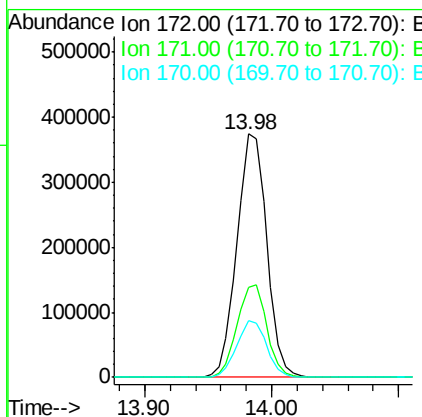
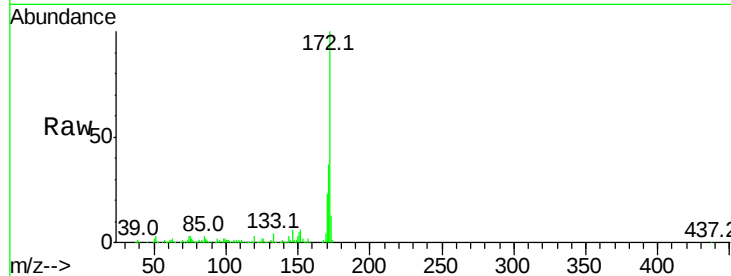




#44
2-Fluorobiphenyl
Concen: 78.541 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

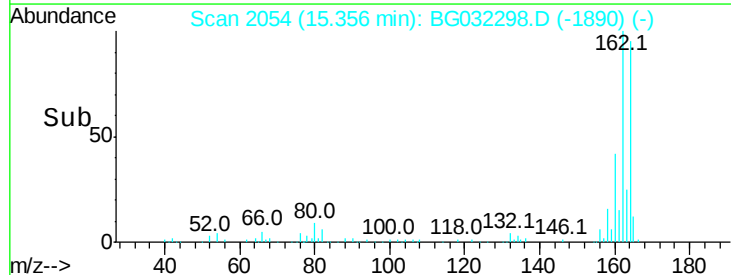
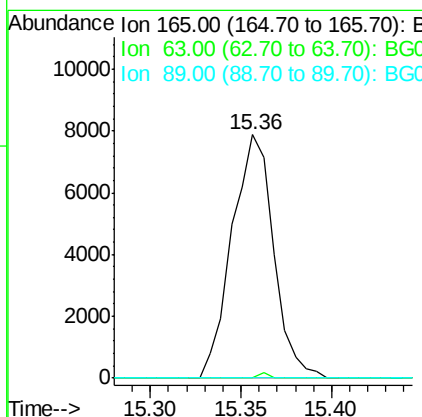
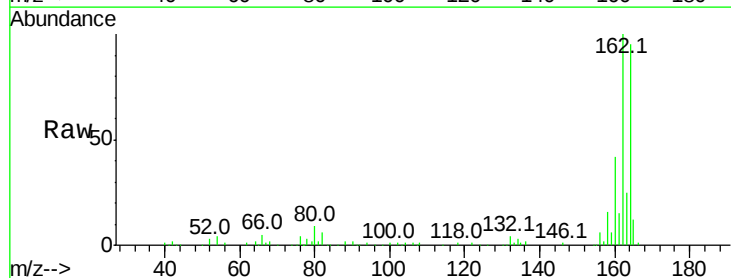
Instrument :
BNA_G
ClientSampled :

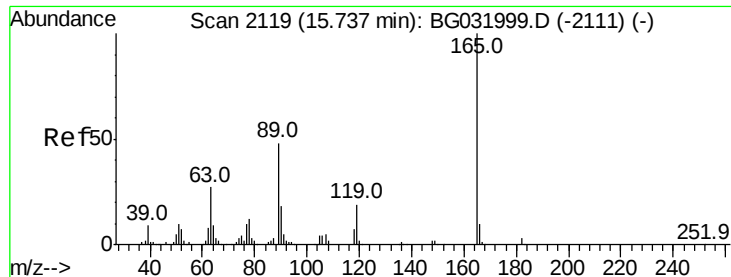
Tot Ion:172 Resp: 608680
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.2 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.198 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.43 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Tgt Ion:165 Resp: 12563
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

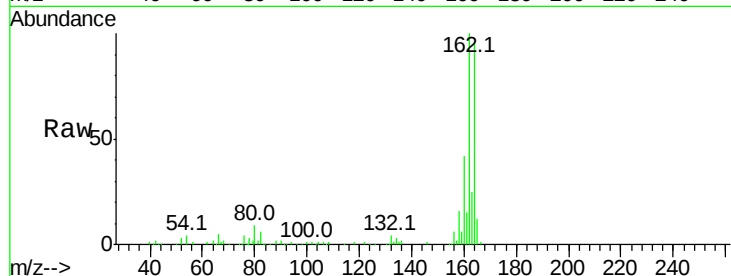




#56
 2,4-Dinitrotoluene
 Concen: 5.346 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032298.D
 Acq: 25 Jan 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

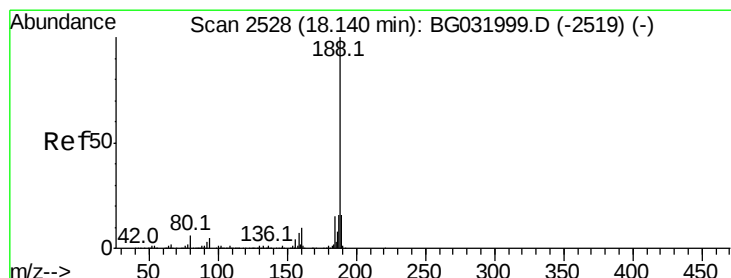
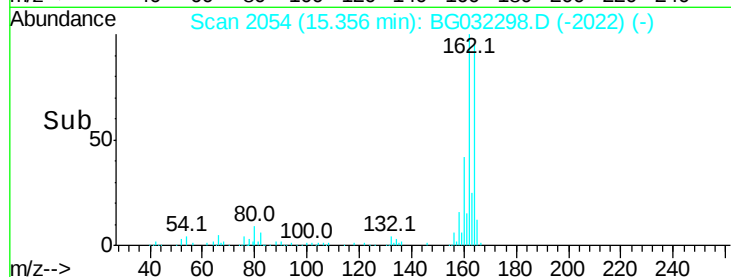
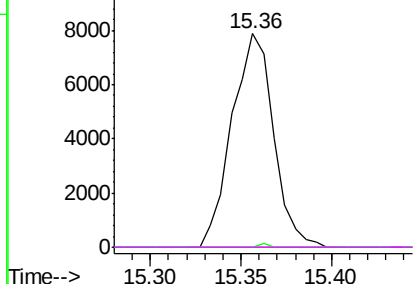


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

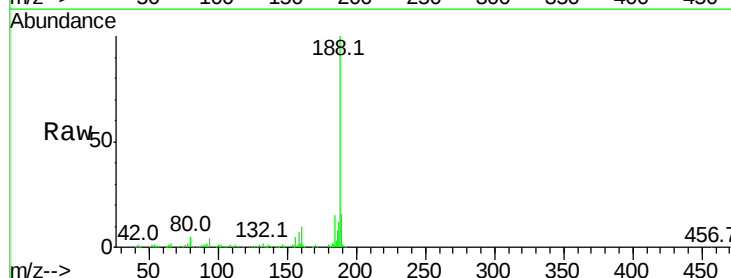
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG032298.D
 Acq: 25 Jan 2018 18:02

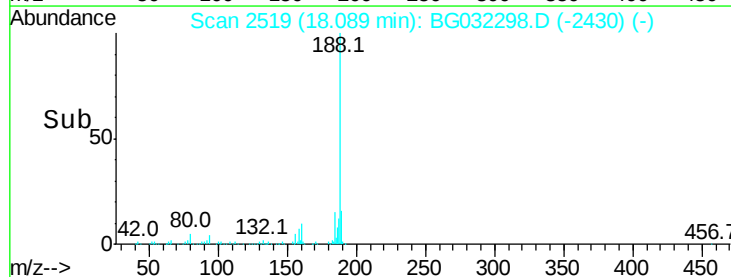
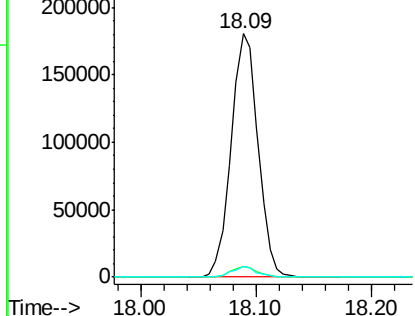
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	4.6	7.7	11.5#

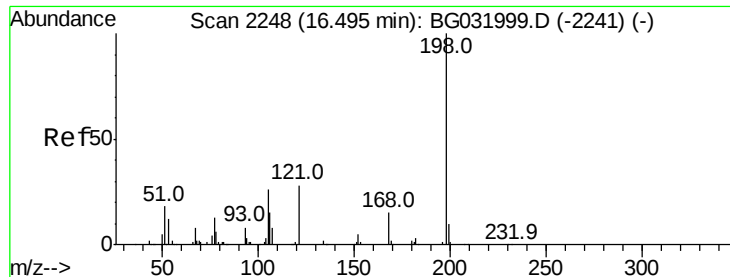


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

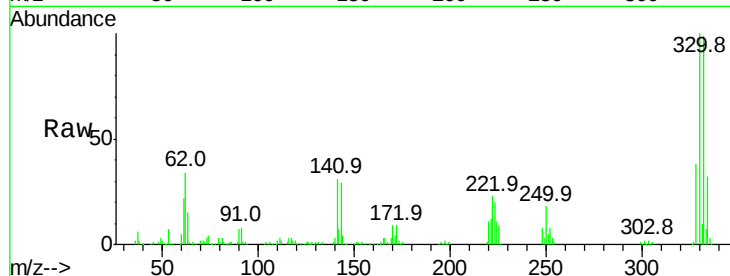




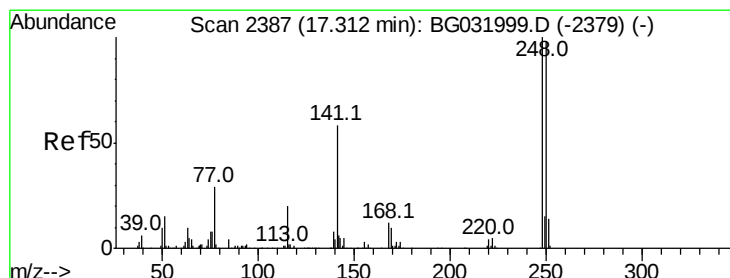
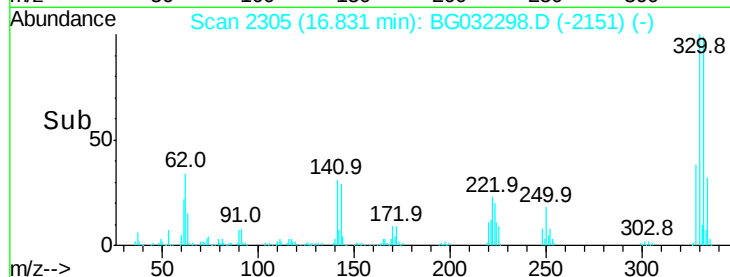
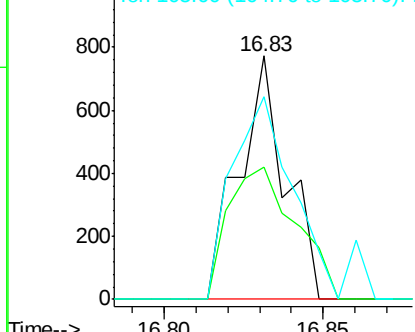
#64
4,6-Dinitro-2-methylphenol
Concen: 5.268 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.38 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 794
Ion Ratio Lower Upper
198 100
51 54.2 30.6 70.6
105 83.1 23.8 63.8#

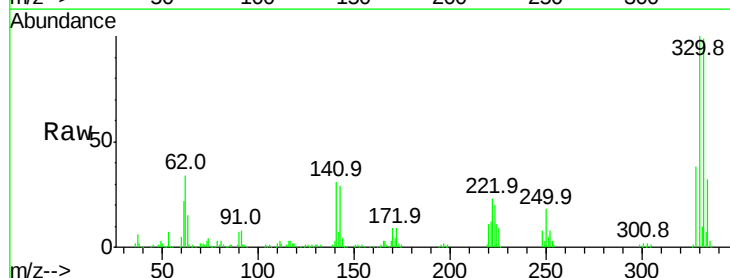


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

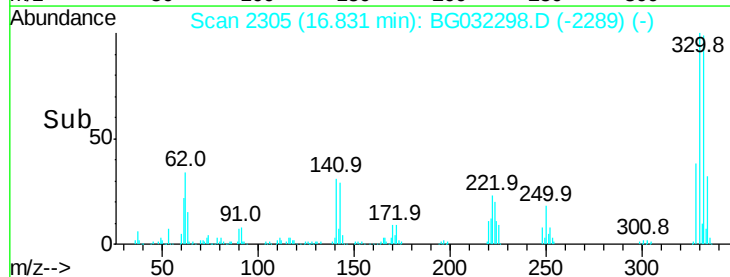
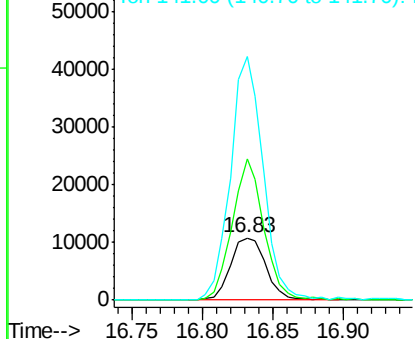


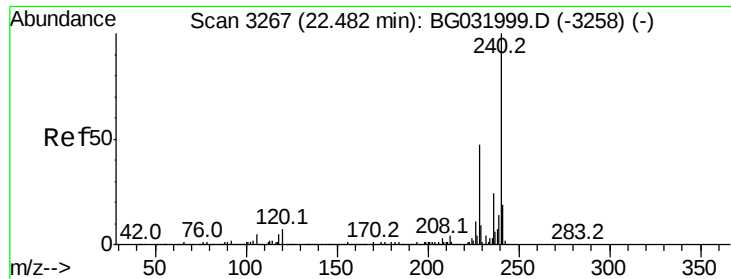
#66
4-Bromophenyl-phenylether
Concen: 4.541 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032298.D
Acq: 25 Jan 2018 18:02

Tgt Ion:248 Resp: 18761
Ion Ratio Lower Upper
248 100
250 228.2 77.1 115.7#
141 393.8 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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

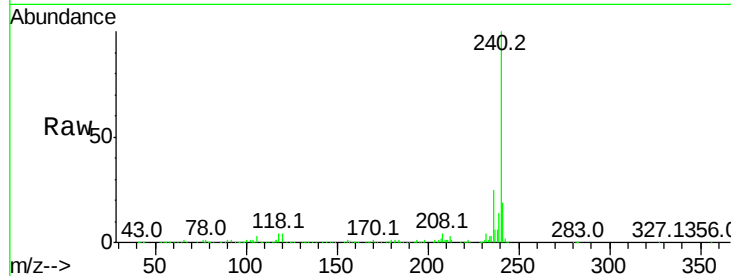
Tot Ion:240 Resp: 367200

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

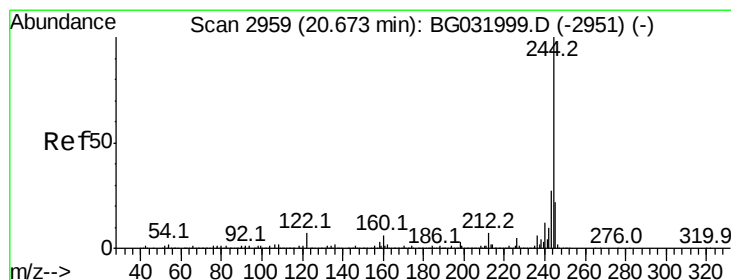
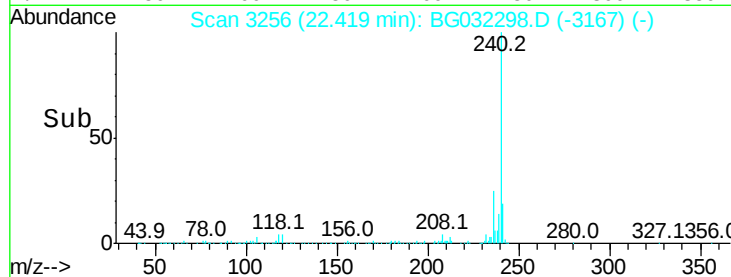
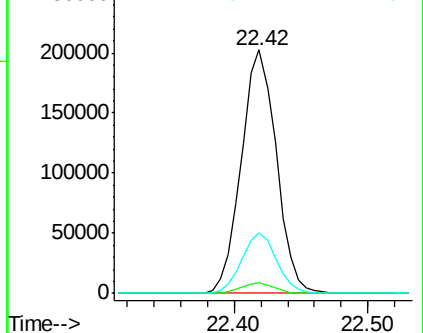
236 24.9 20.9 31.3



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: 82.024 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032298.D

Acq: 25 Jan 2018 18:02

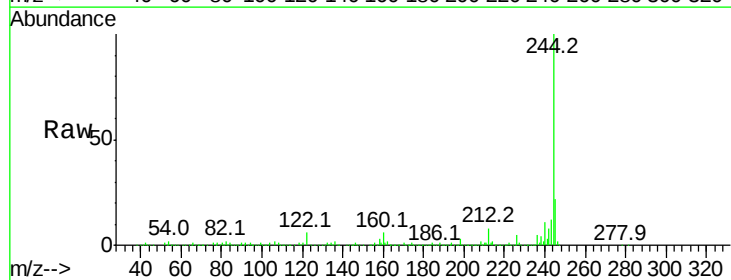
Tgt Ion:244 Resp: 1364075

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

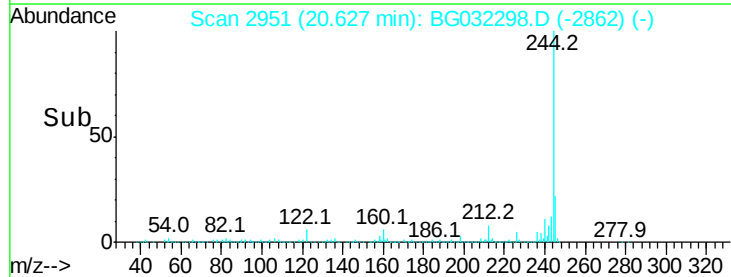
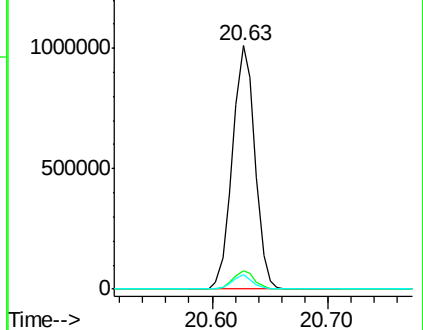
122 5.7 7.0 10.4#

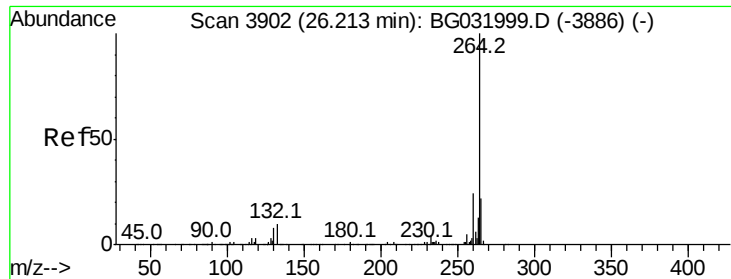


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

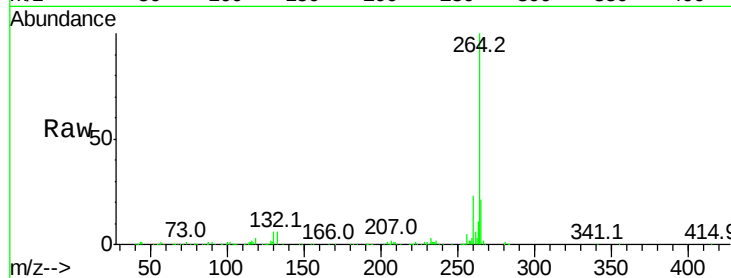




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BG032298.D
 Acq: 25 Jan 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.9	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

