

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032484.D
 Acq On : 1 Feb 2018 4:03
 Operator : SJ/JU
 Sample : J1383-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 05:52:06 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

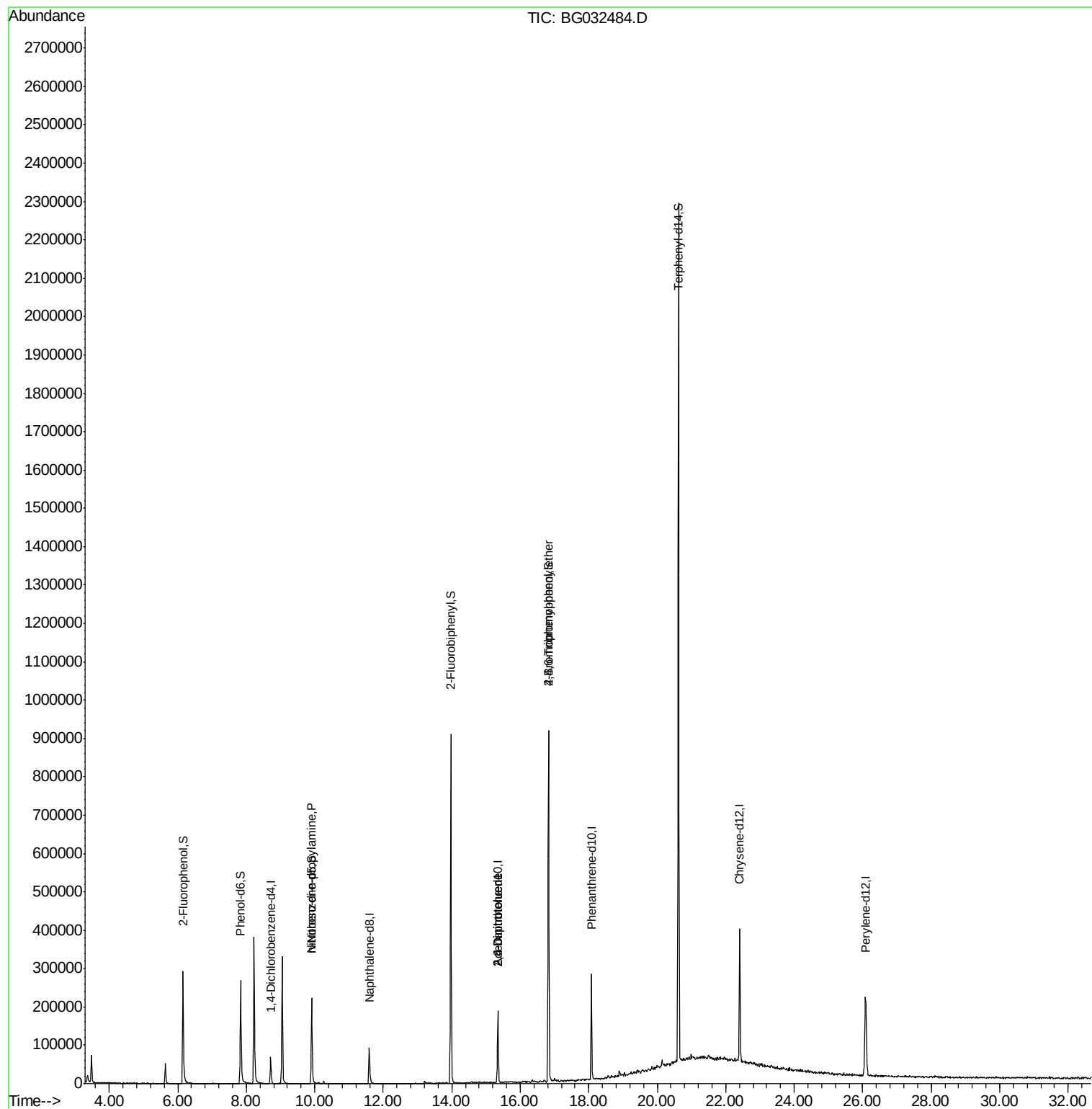
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	24573	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	96403	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	72115	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	199172	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	256744	20.00	ng	-0.01
86) Perylene-d12	26.08	264	283212	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	163323	133.50	ng	0.00
7) Phenol-d6	7.83	99	192171	117.71	ng	0.00
23) Nitrobenzene-d5	9.91	82	150090	97.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	221481	161.35	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	554226	91.35	ng	-0.01
78) Terphenyl-d14	20.62	244	1208574	100.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	22647	20.922	ng	# 75
50) 2,6-Dinitrotoluene	15.35	165	9445	6.768	ng	# 22
56) 2,4-Dinitrotoluene	15.35	165	9445	4.753	ng	# 20
66) 4-Bromophenyl-phenylether	16.82	248	17418	5.903	ng	# 1

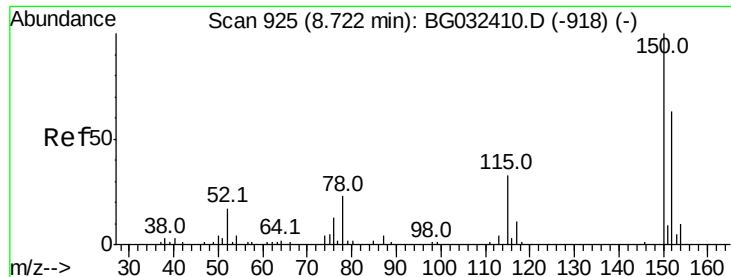
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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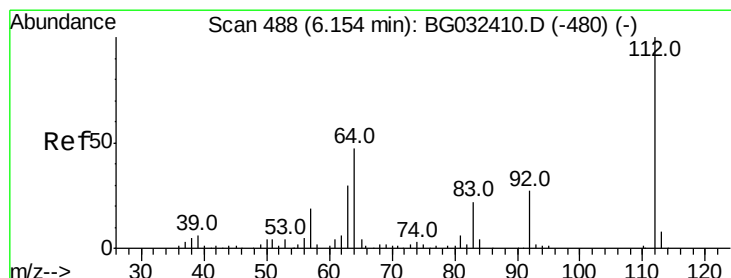
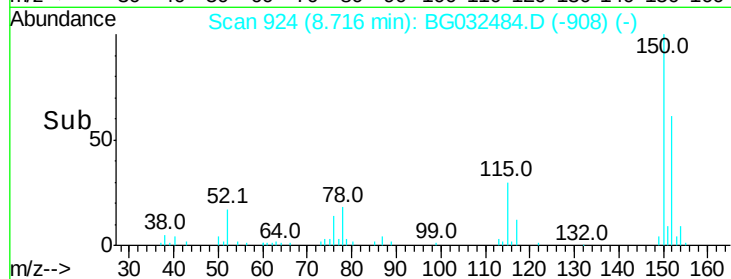
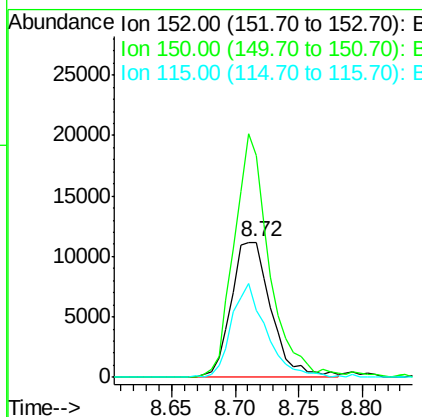
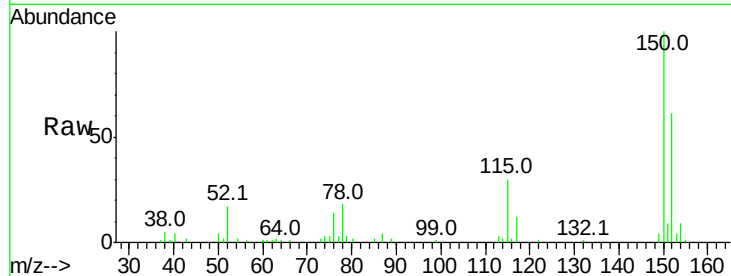


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

Instrument :
BNA_G
ClientSampleId :

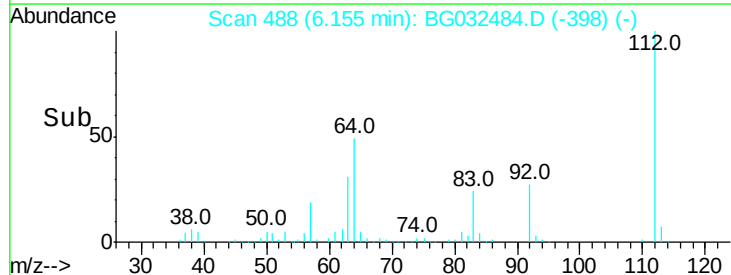
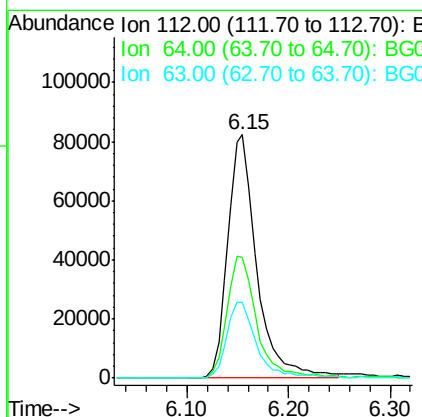
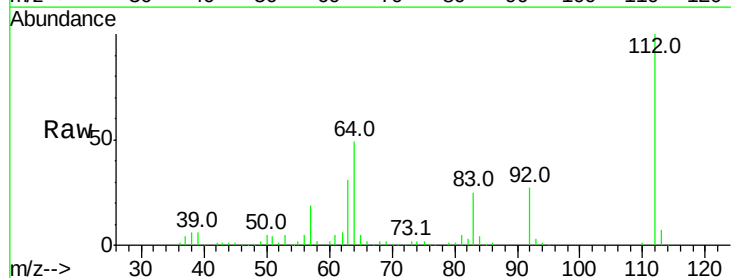
Tot Ion:152 Resp: 24573
Ion Ratio Lower Upper
152 100
150 164.2 126.6 189.8
115 49.5 53.0 79.4#

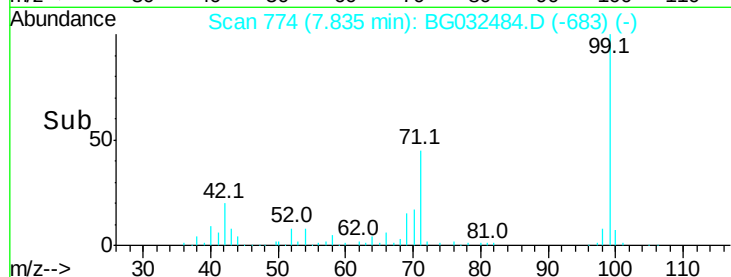
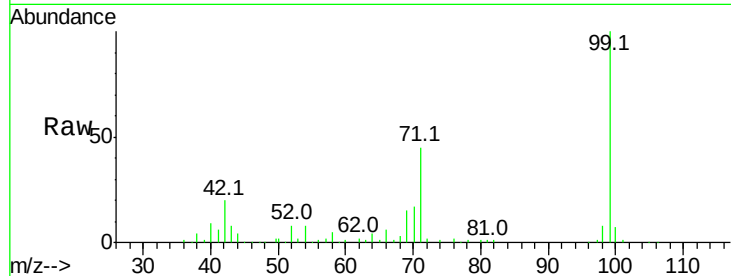
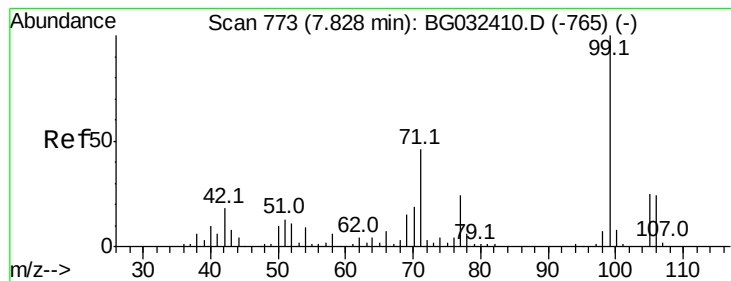


#5

2-Fluorophenol
Concen: 133.498 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

Tgt Ion:112 Resp: 163323
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 31.5 30.1 45.1





#7

Phenol-d6

Concen: 117.712 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Instrument :

BNA_G

ClientSampled :

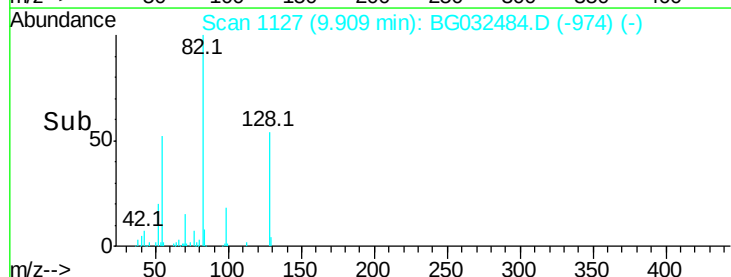
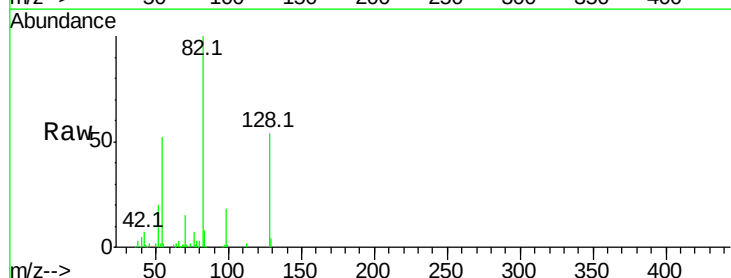
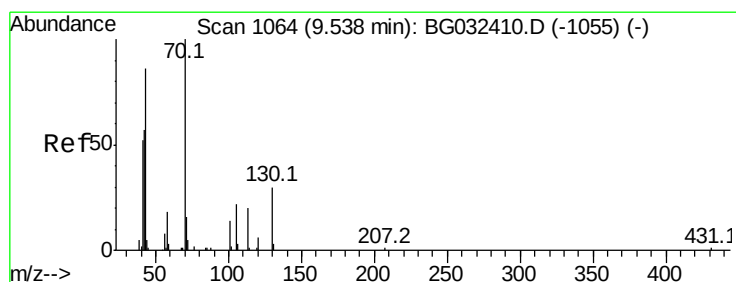
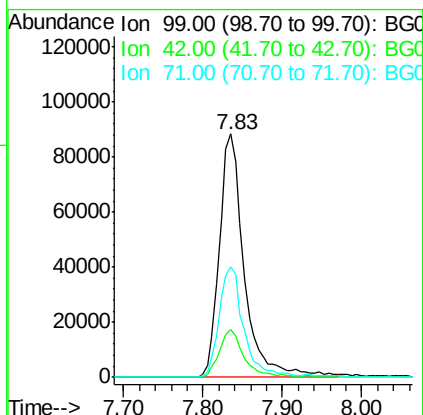
Tot Ion: 99 Resp: 192171

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

71 45.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 20.922 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Tgt Ion: 70 Resp: 22647

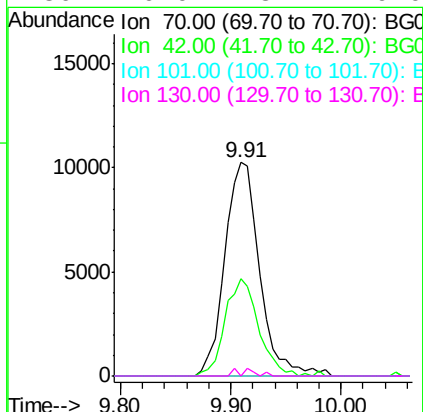
Ion Ratio Lower Upper

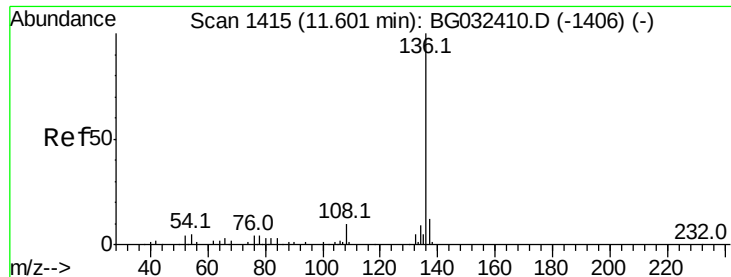
70 100

42 45.6 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

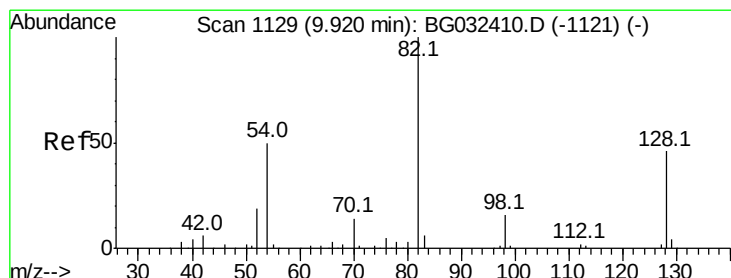
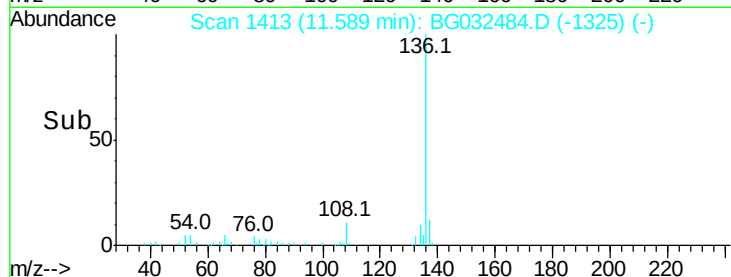
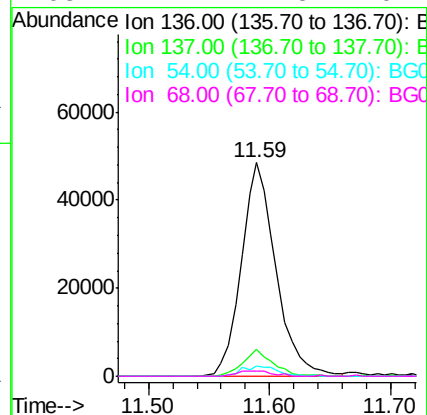
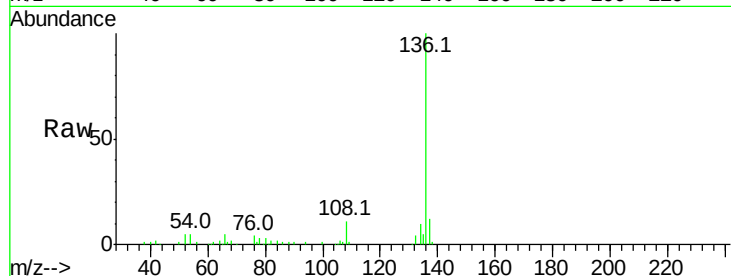




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

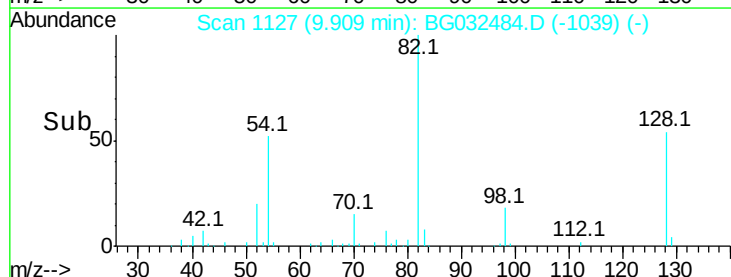
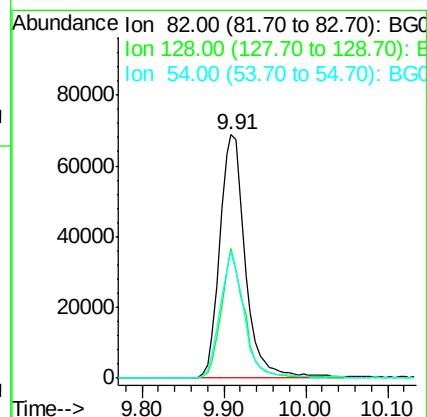
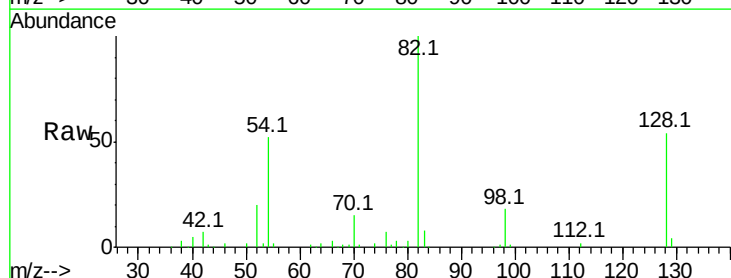
Instrument :
BNA_G
ClientSampleId :

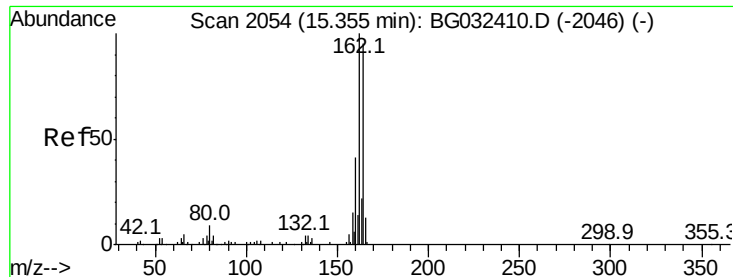
Tot Ion:	136	Resp:	96403
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	5.0	10.3	15.5#
68	2.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 97.245 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

Tgt Ion:	82	Resp:	150090
Ion	Ratio	Lower	Upper
82	100		
128	53.5	29.7	44.5#
54	52.4	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

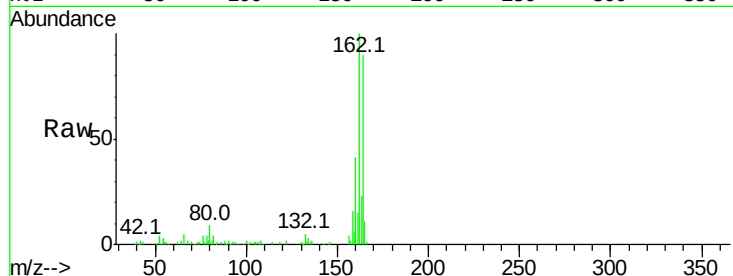
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 72115

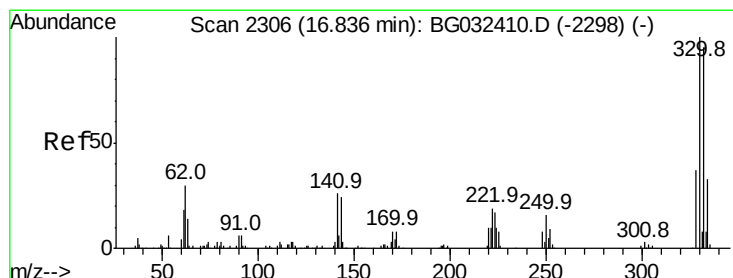
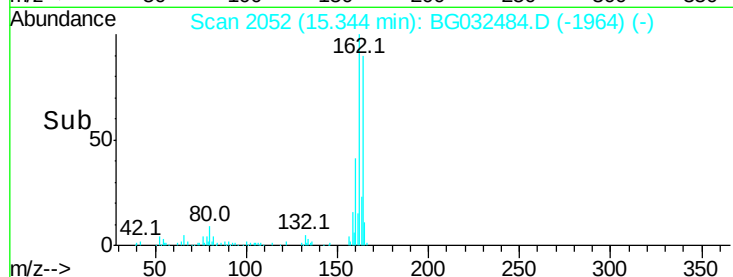
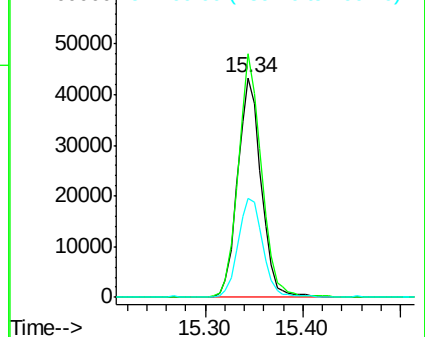
Ion	Ratio	Lower	Upper
164	100		
162	110.9	78.8	118.2
160	45.2	35.4	53.0



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: 161.346 ng

RT: 16.82 min Scan# 2304

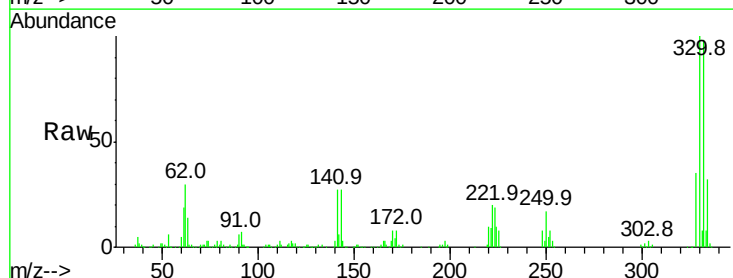
Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Tgt Ion:330 Resp: 221481

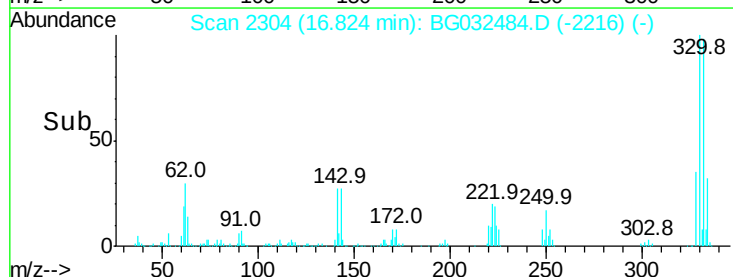
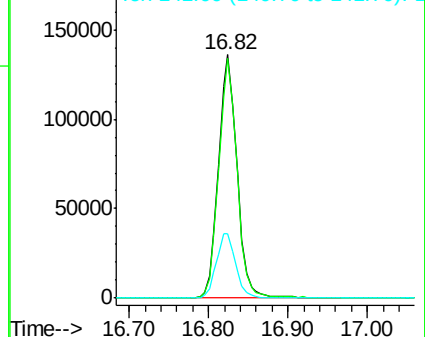
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.8	25.2	37.8

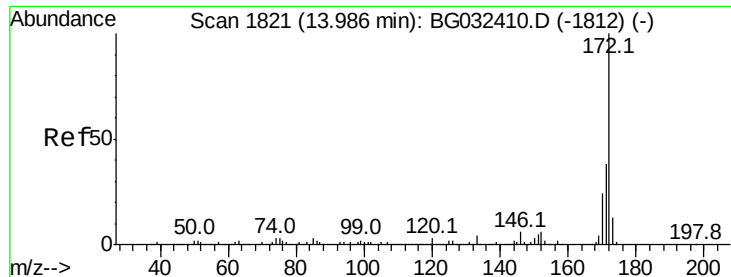


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

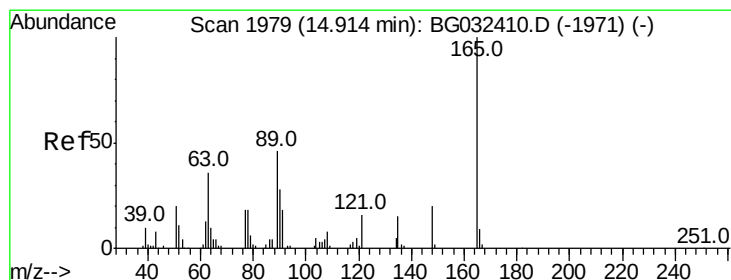
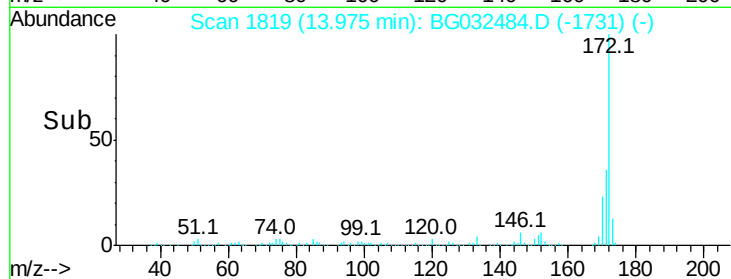
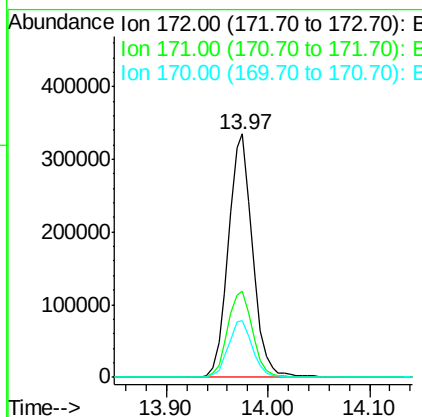
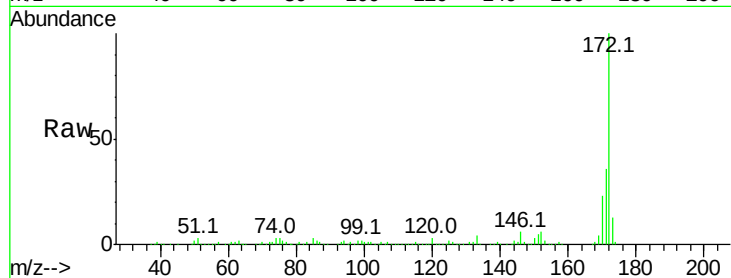




#44
 2-Fluorobiphenyl
 Concen: 91.345 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032484.D
 Acq: 1 Feb 2018 4:03

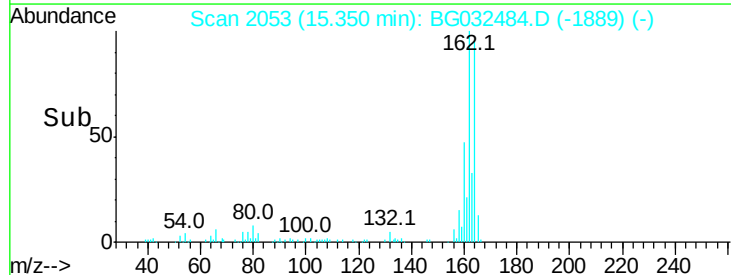
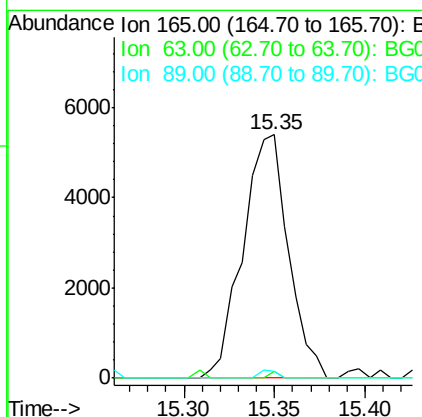
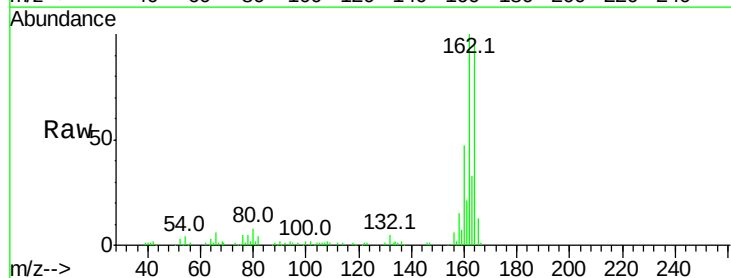
Instrument :
 BNA_G
 ClientSampleId :

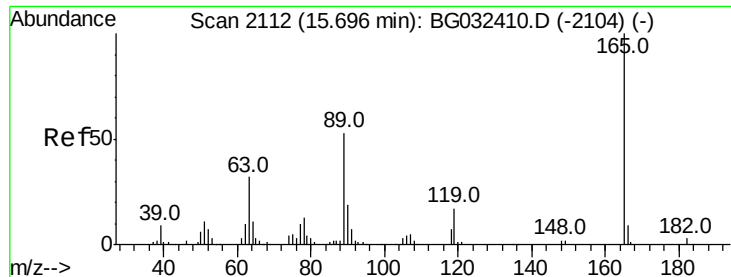
Tot Ion:172 Resp: 554226
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.768 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. 0.44 min
 Lab File: BG032484.D
 Acq: 1 Feb 2018 4:03

Tgt Ion:165 Resp: 9445
 Ion Ratio Lower Upper
 165 100
 63 3.1 52.7 79.1#
 89 2.8 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 4.753 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.35 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 9445

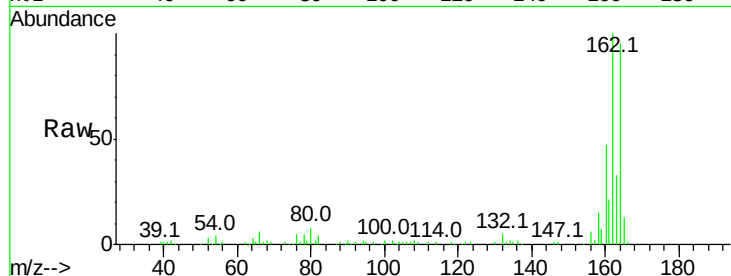
Ion Ratio Lower Upper

165 100

63 3.1 42.0 63.0#

89 2.8 66.9 100.3#

182 0.0 2.6 3.8#

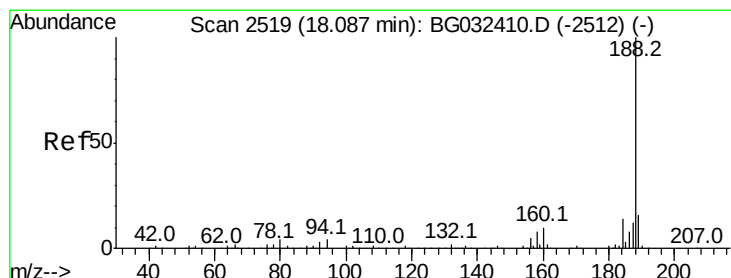
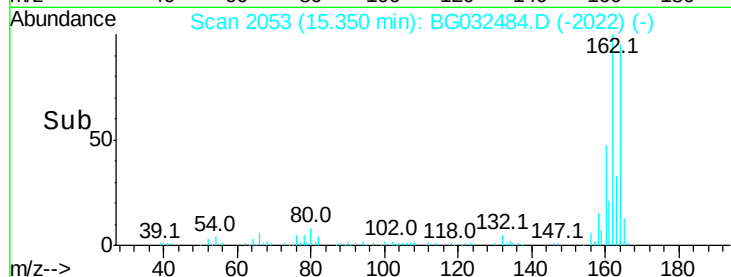
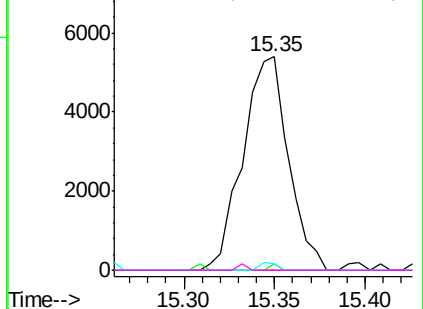


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

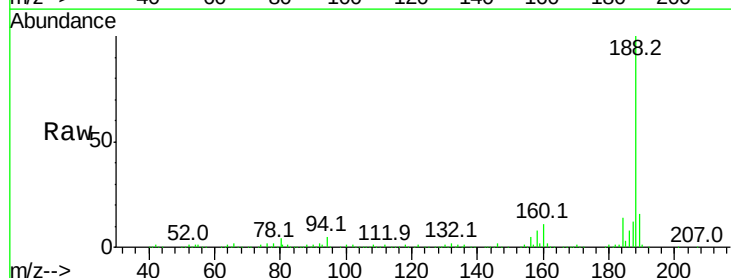
Tgt Ion:188 Resp: 199172

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

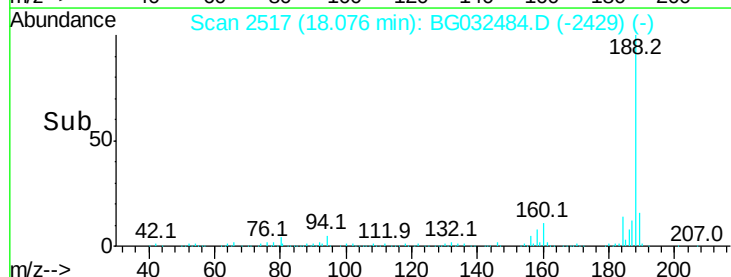
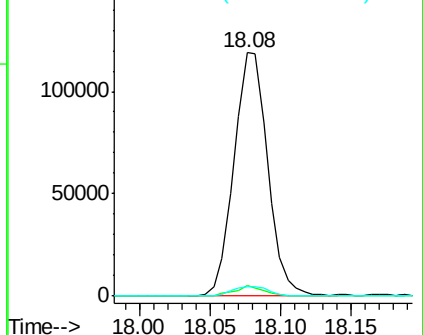
80 4.2 7.7 11.5#

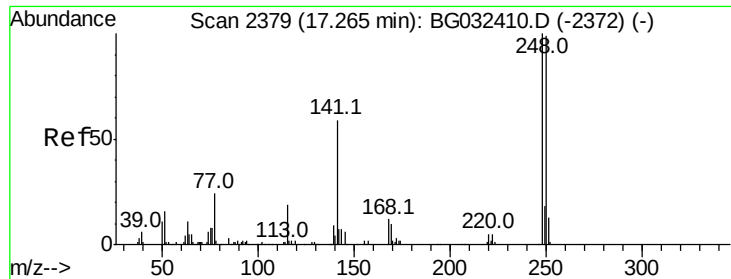


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

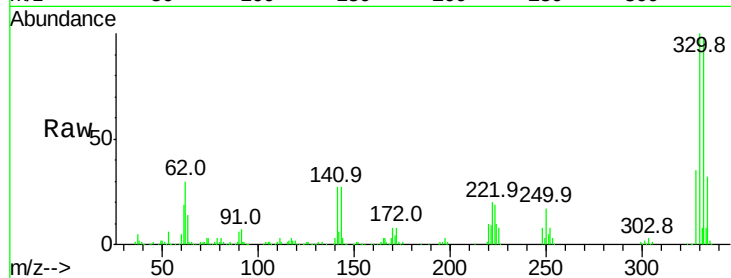




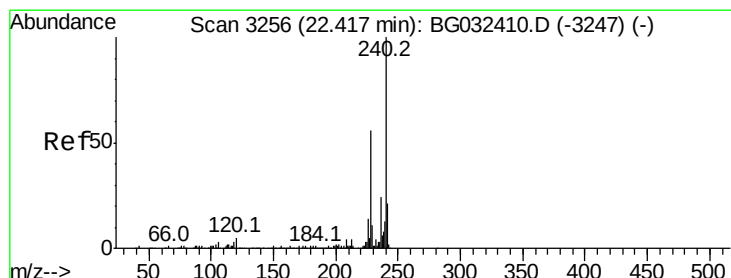
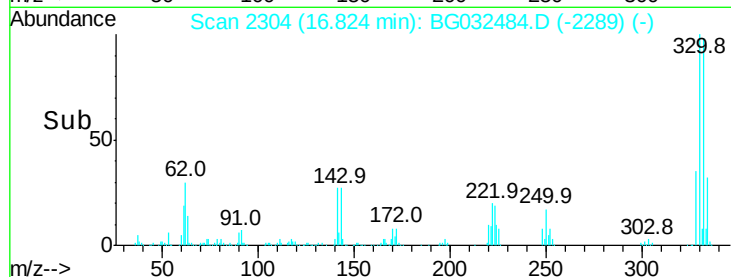
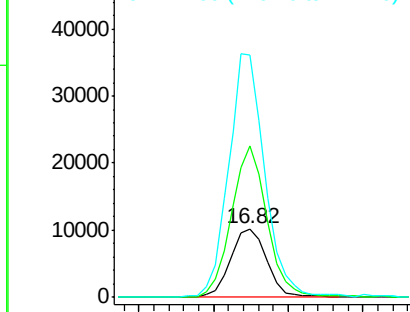
#66
4-Bromophenyl-phenylether
Concen: 5.903 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17418
Ion Ratio Lower Upper
248 100
250 219.5 77.1 115.7#
141 352.4 50.8 76.2#

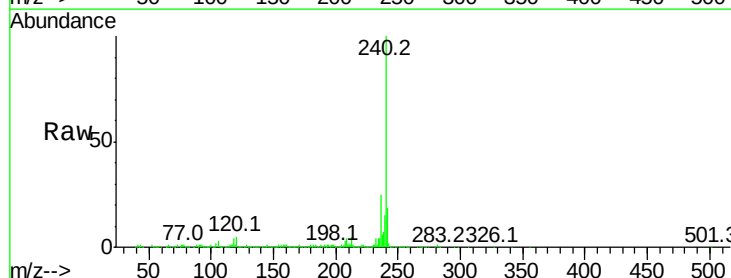


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

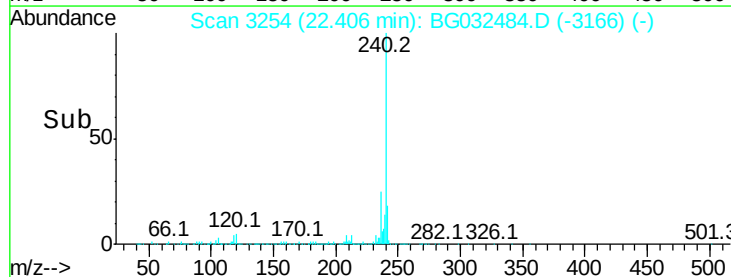
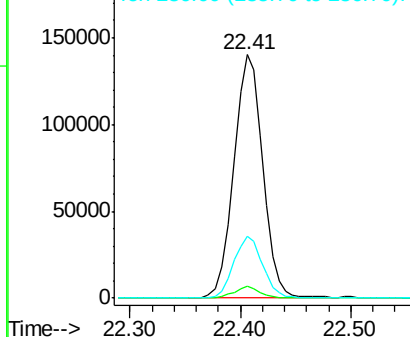


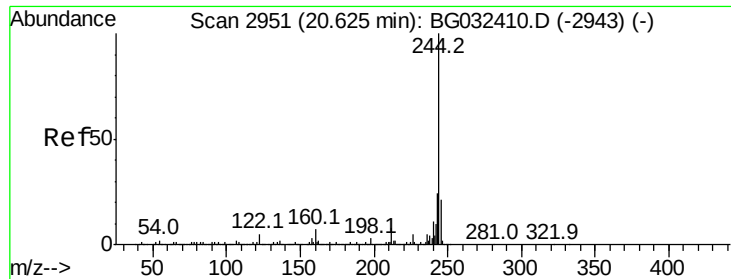
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

Tgt Ion:240 Resp: 256744
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.2 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



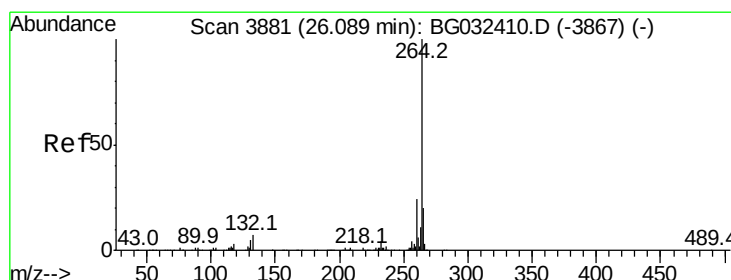
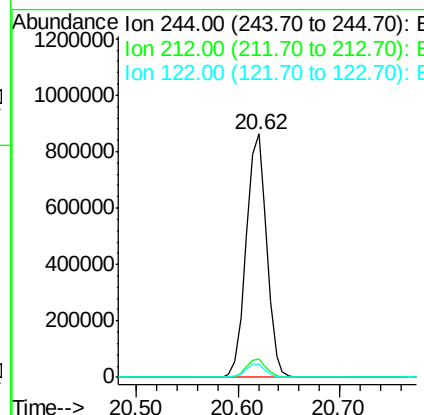
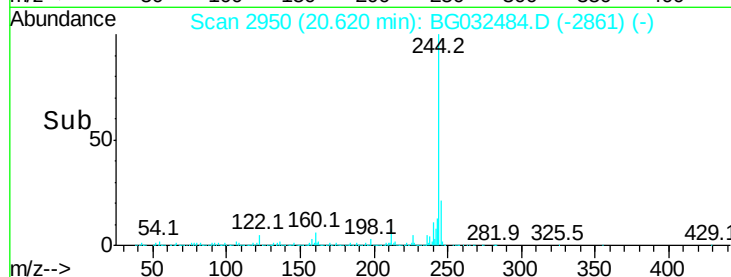
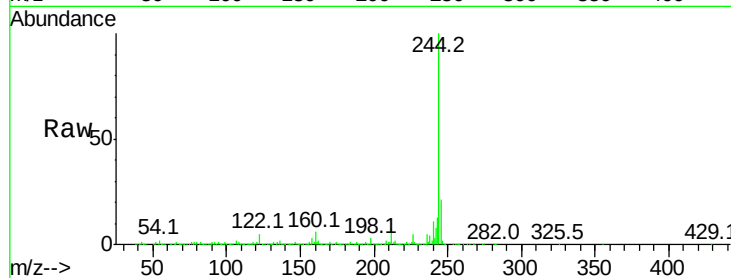


#78
 Terphenyl-d14
 Concen: 100.834 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BG032484.D
 Acq: 1 Feb 2018 4:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1208574

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.3	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032484.D
 Acq: 1 Feb 2018 4:03

Tgt Ion:264 Resp: 283212

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	23.8	17.7	26.5

