

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032474.D
 Acq On : 31 Jan 2018 20:31
 Operator : SJ/JU
 Sample : J1015-27
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 01:40:08 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

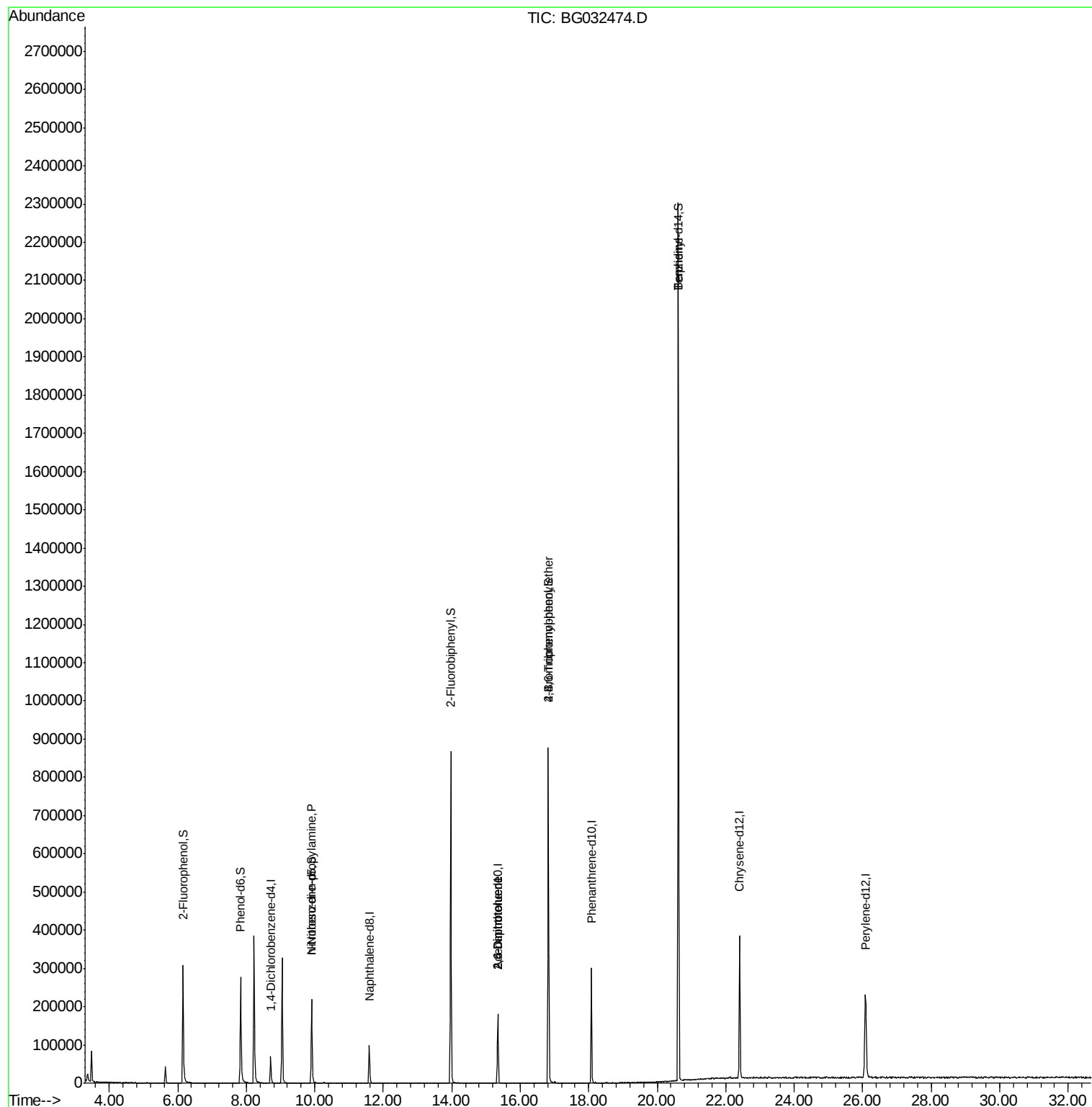
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26951	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	100055	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	71976	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	212325	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	289325	20.00	ng	-0.01
86) Perylene-d12	26.08	264	310802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	166860	124.35	ng	0.00
7) Phenol-d6	7.84	99	193984	108.34	ng	0.00
23) Nitrobenzene-d5	9.91	82	146814	91.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	214363	156.46	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	540689	89.29	ng	-0.02
78) Terphenyl-d14	20.61	244	1276320	94.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	22193	18.694	ng	# 77
50) 2,6-Dinitrotoluene	15.35	165	9831	7.058	ng	# 20
56) 2,4-Dinitrotoluene	15.35	165	9831	4.957	ng	# 19
66) 4-Bromophenyl-phenylether	16.82	248	17781	5.653	ng	# 1
76) Benzidine	20.61	184	18538	3.263	ng	# 92

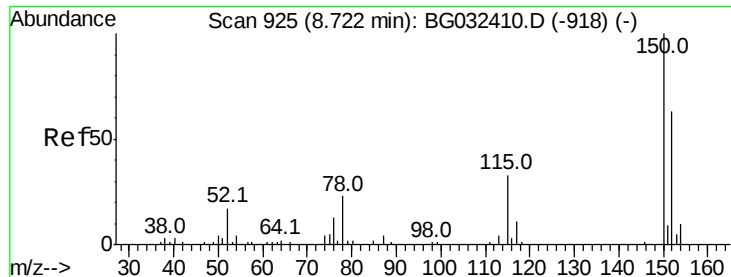
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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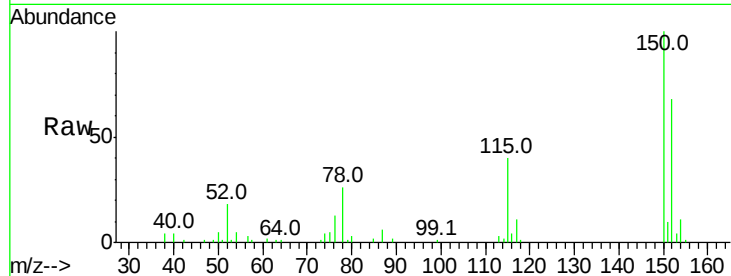


#1

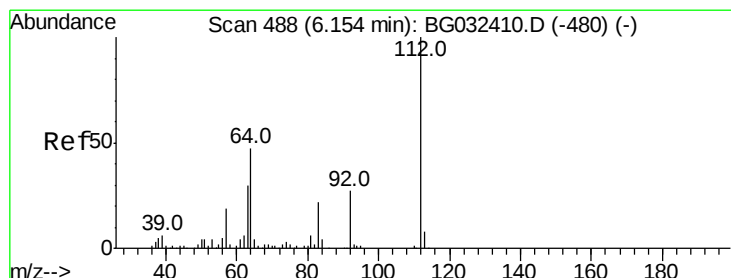
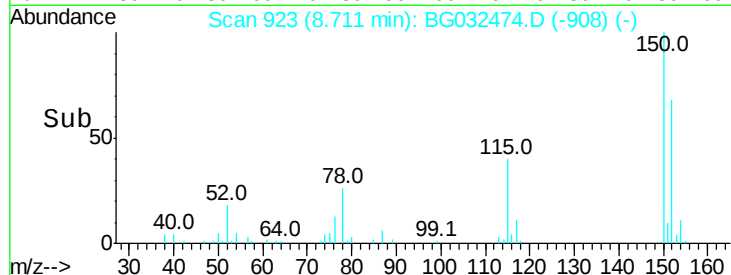
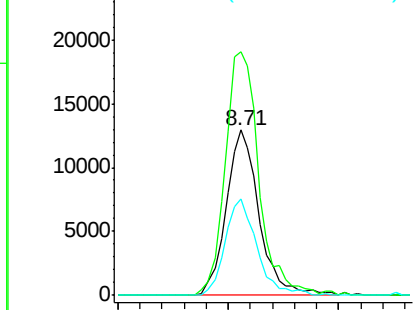
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 26951
Ion Ratio Lower Upper
152 100
150 147.4 126.6 189.8
115 58.7 53.0 79.4



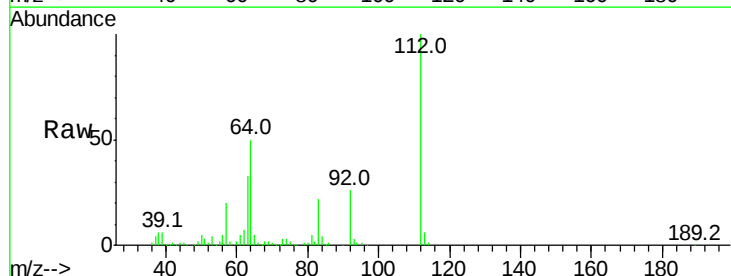
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



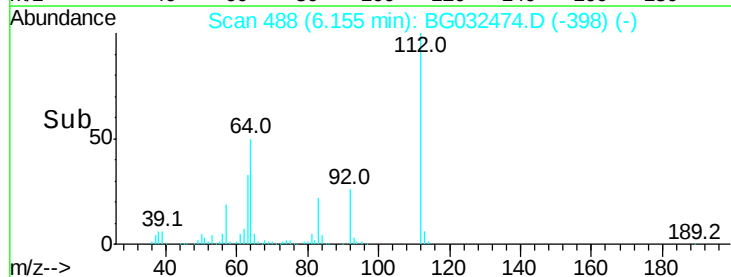
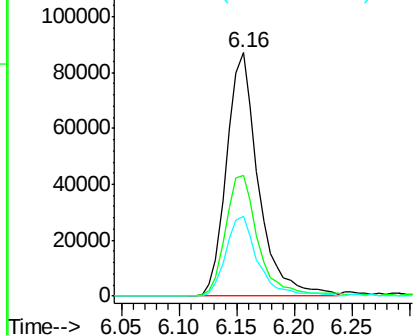
#5

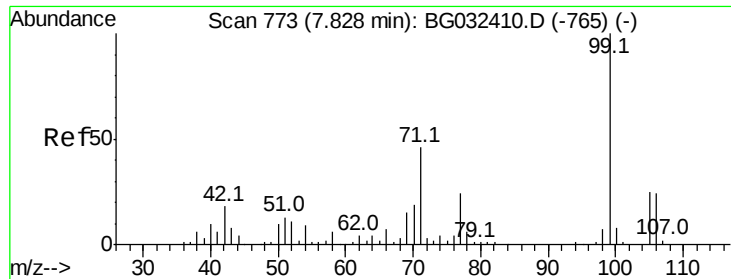
2-Fluorophenol
Concen: 124.354 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

Tgt Ion:112 Resp: 166860
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 32.9 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: 108.339 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Instrument :

BNA_G

ClientSampleId :

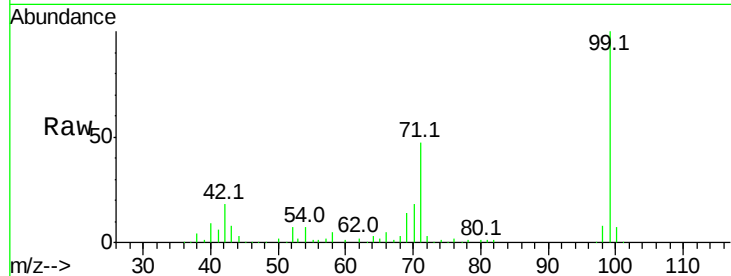
Tot Ion: 99 Resp: 193984

Ion Ratio Lower Upper

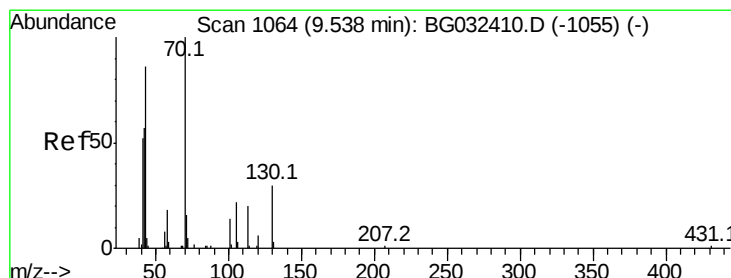
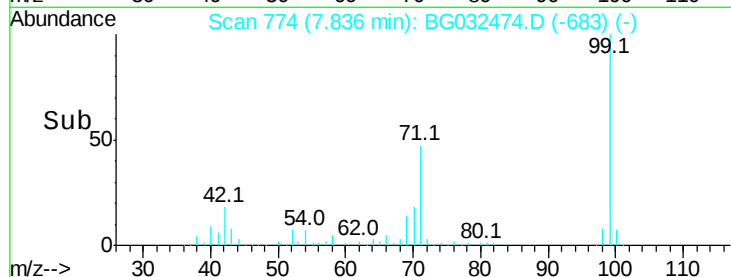
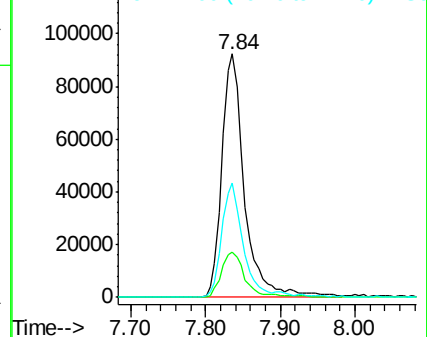
99 100

42 18.3 14.1 21.1

71 46.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.694 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Tgt Ion: 70 Resp: 22193

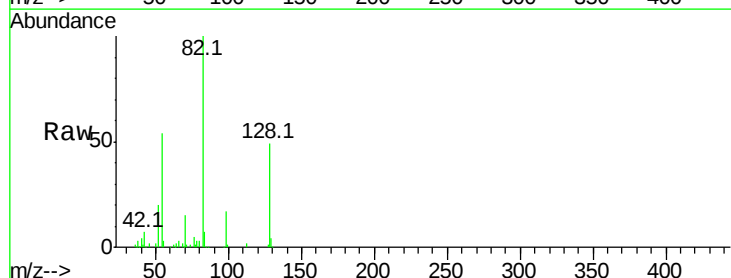
Ion Ratio Lower Upper

70 100

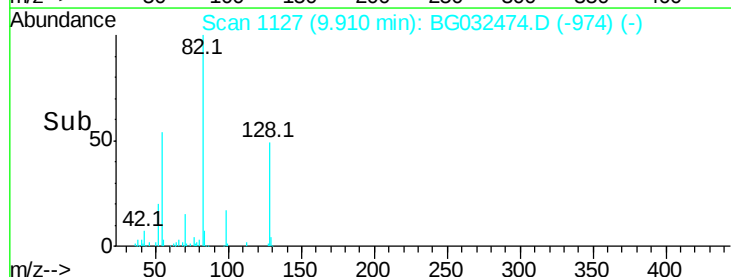
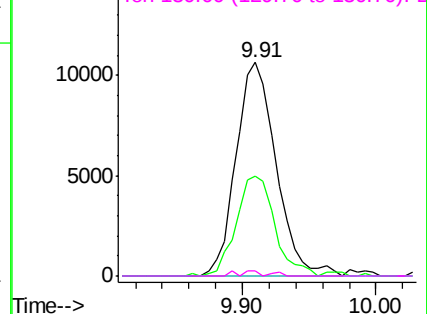
42 46.8 49.1 73.7#

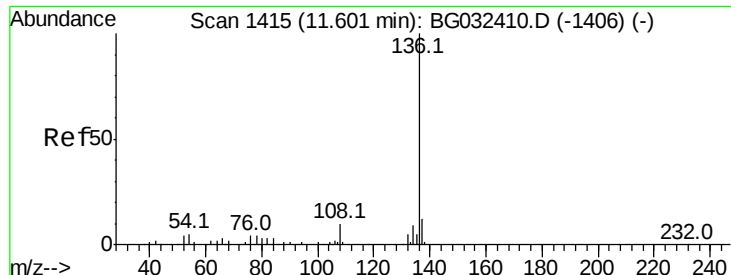
101 0.0 8.5 12.7#

130 2.2 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

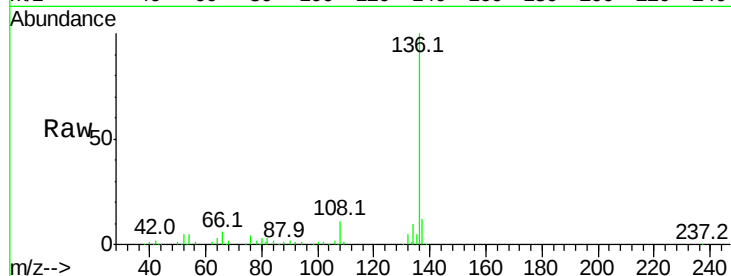




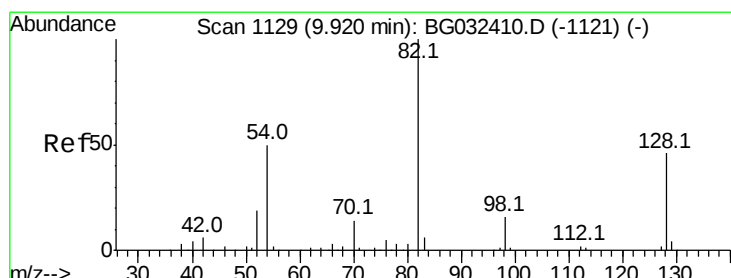
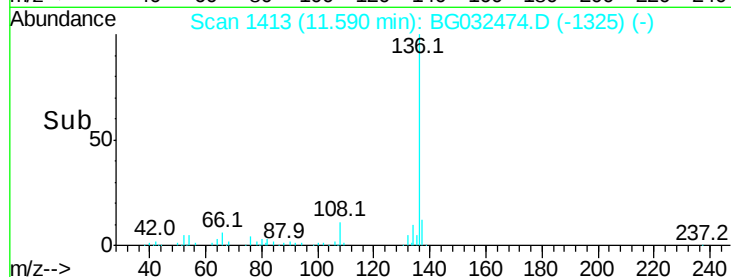
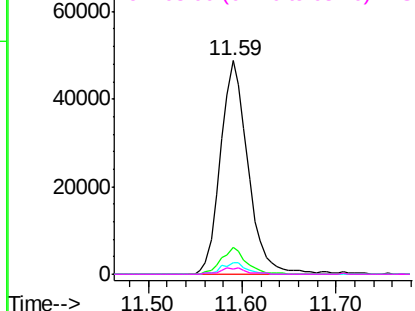
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	100055
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	5.2	10.3	15.5#
68	2.4	4.5	6.7#

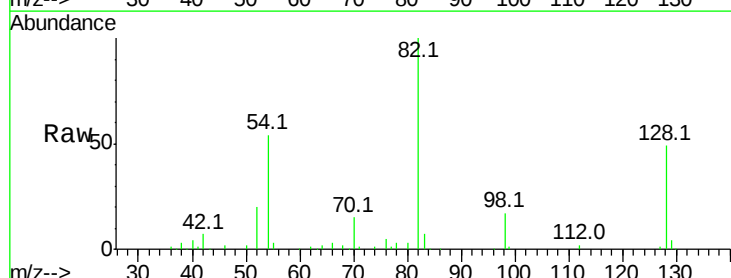


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

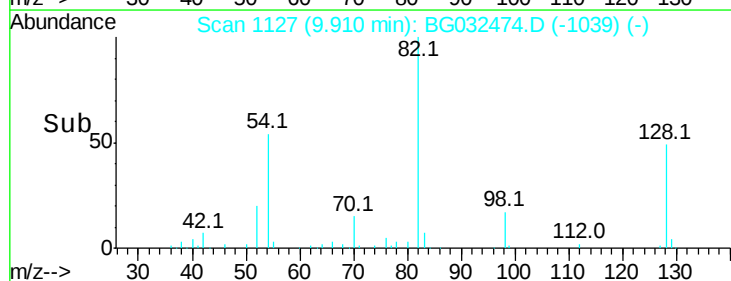
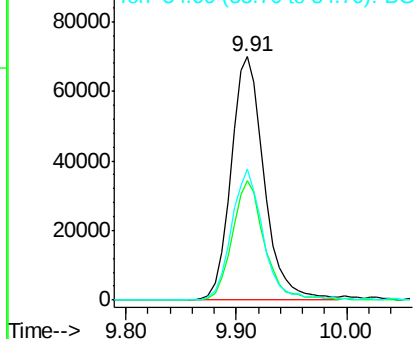


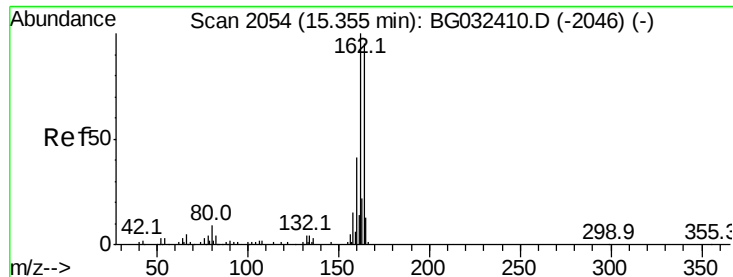
#23
Nitrobenzene-d5
Concen: 91.650 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

Tgt Ion:	82	Resp:	146814
Ion	Ratio	Lower	Upper
82	100		
128	48.8	29.7	44.5#
54	54.0	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

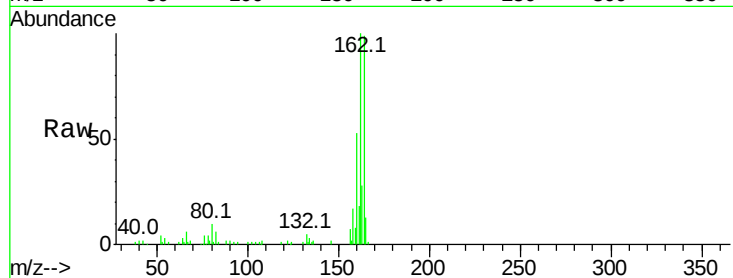
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 71976

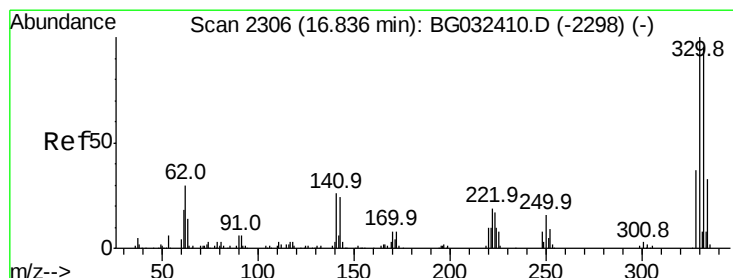
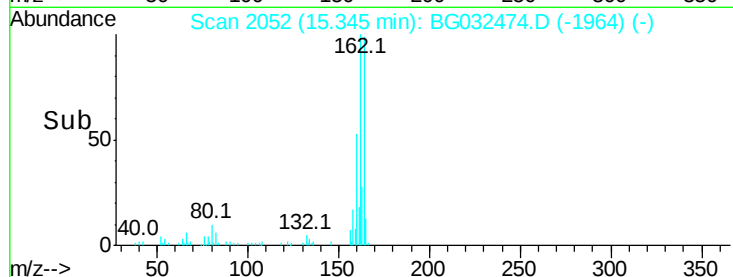
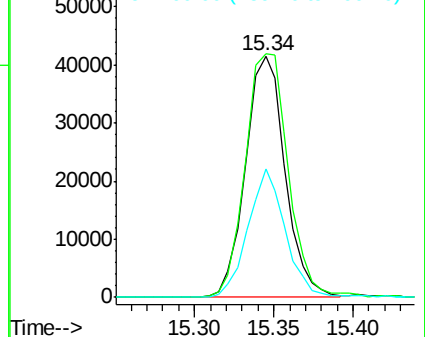
Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	53.1	35.4	53.0



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: 156.462 ng

RT: 16.83 min Scan# 2304

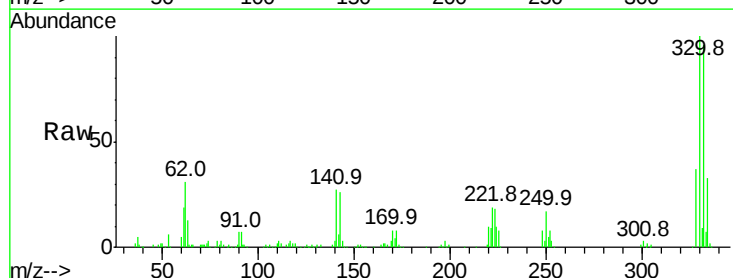
Delta R.T. -0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Tgt Ion:330 Resp: 214363

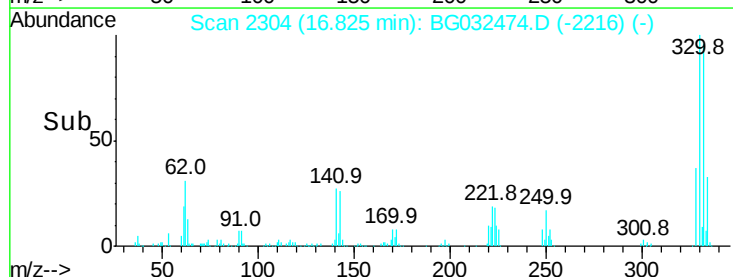
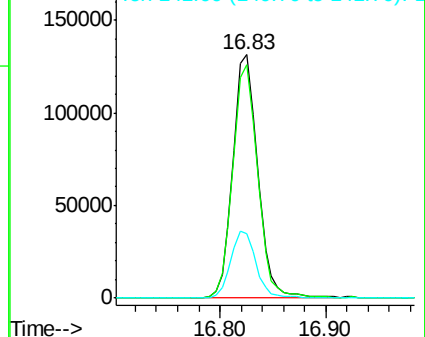
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	27.9	25.2	37.8

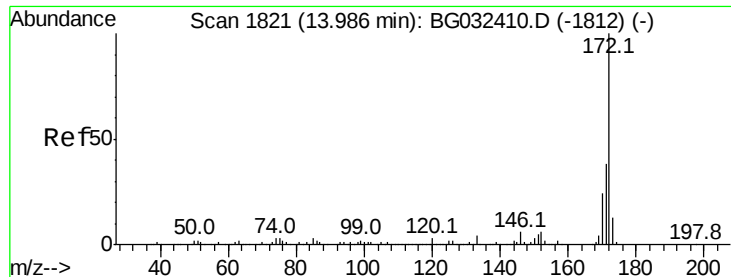


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

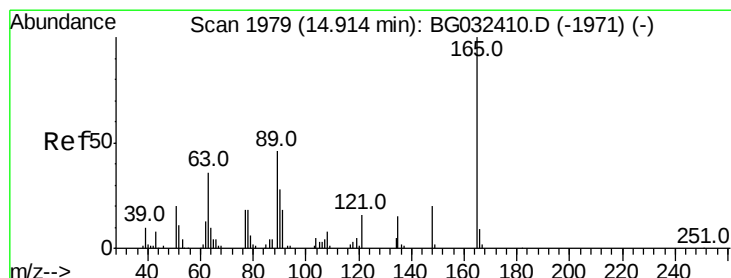
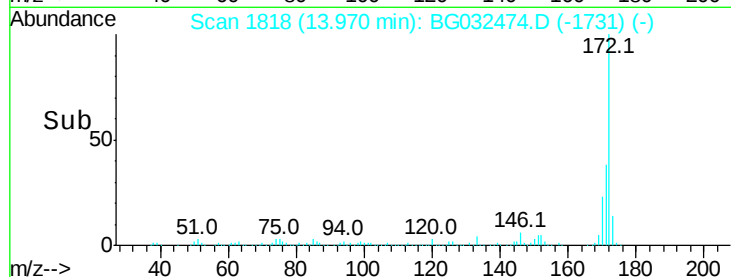
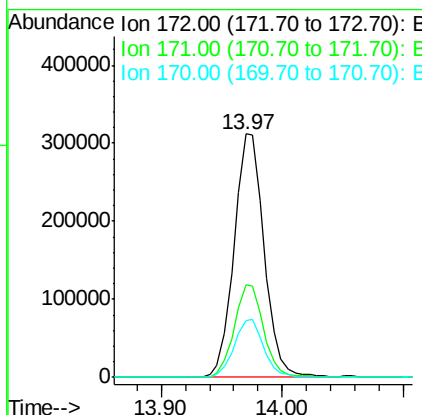
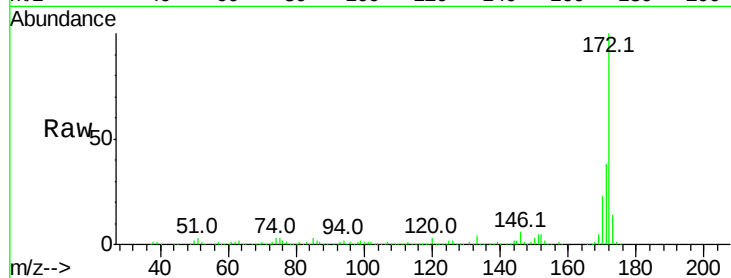




#44
 2-Fluorobiphenyl
 Concen: 89.286 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

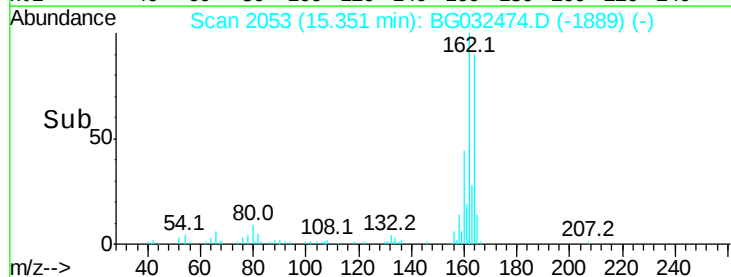
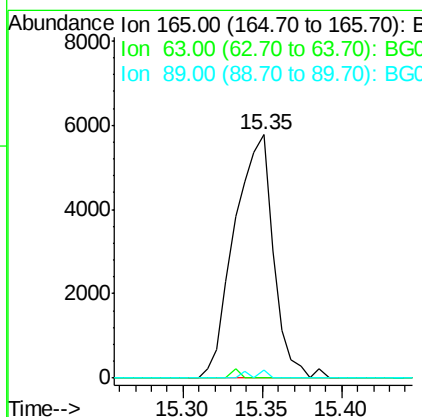
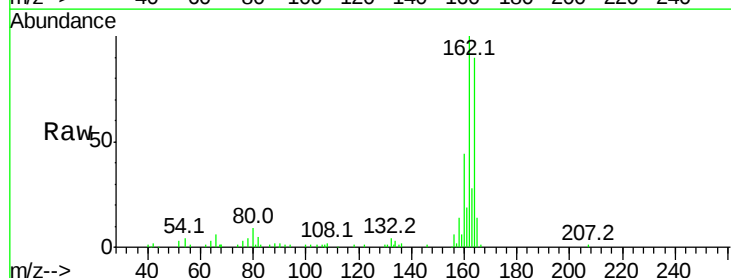
Instrument :
 BNA_G
 ClientSampleId :

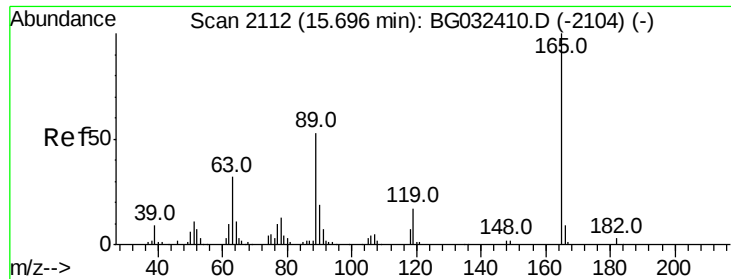
Tot Ion:172 Resp: 540689
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 23.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.058 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. 0.44 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Tgt Ion:165 Resp: 9831
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.4 49.2 73.8#

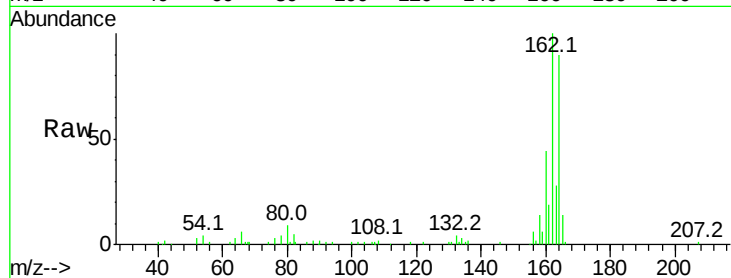




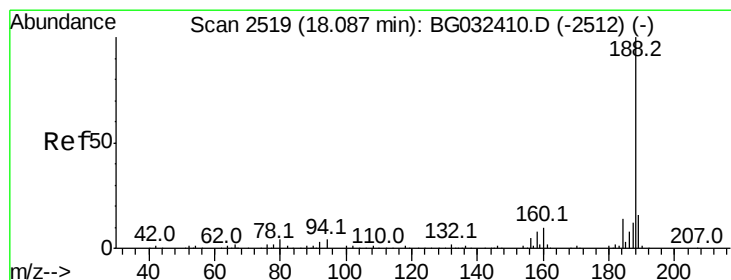
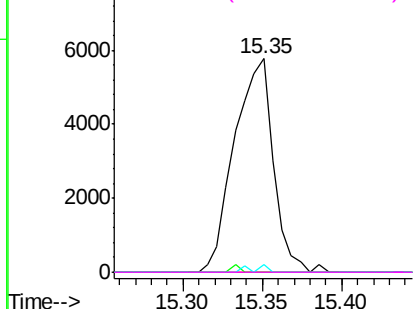
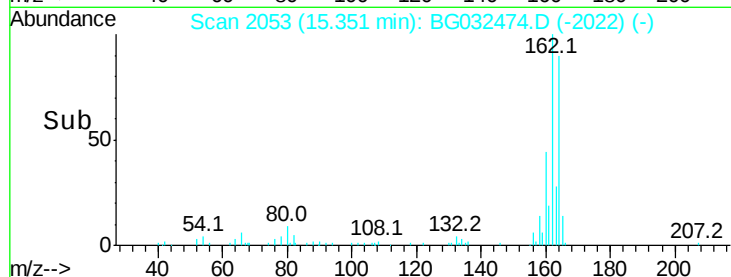
#56
 2,4-Dinitrotoluene
 Concen: 4.957 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.35 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9831
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.4 66.9 100.3#
 182 0.0 2.6 3.8#

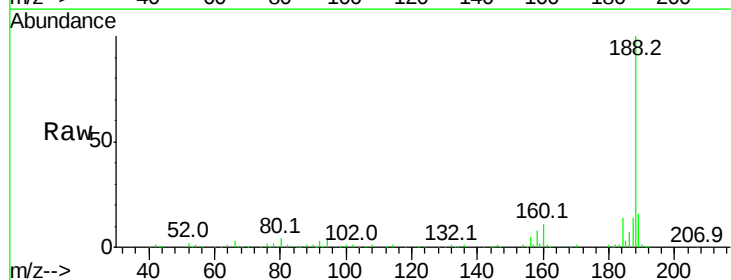


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

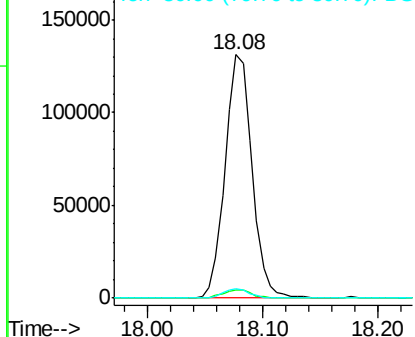
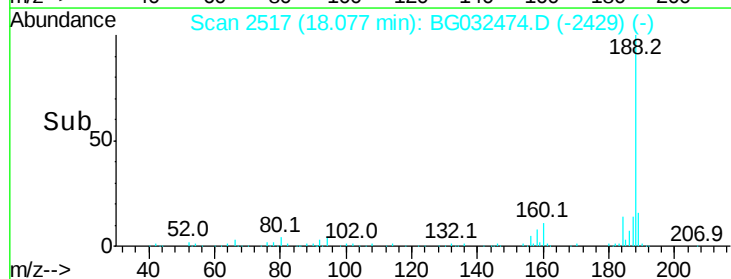


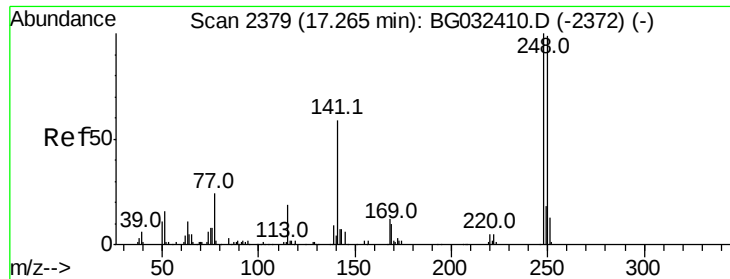
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Tgt Ion:188 Resp: 212325
 Ion Ratio Lower Upper
 188 100
 94 3.5 6.9 10.3#
 80 3.6 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

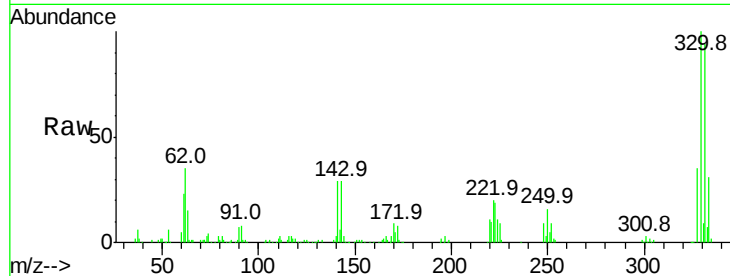




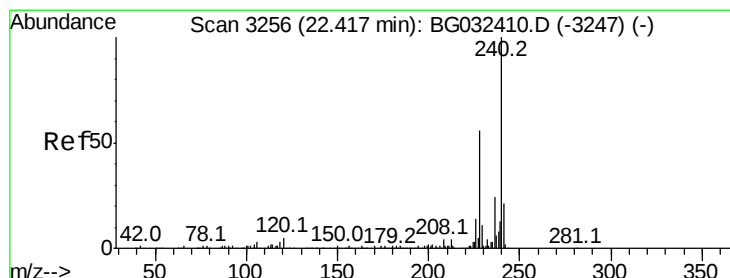
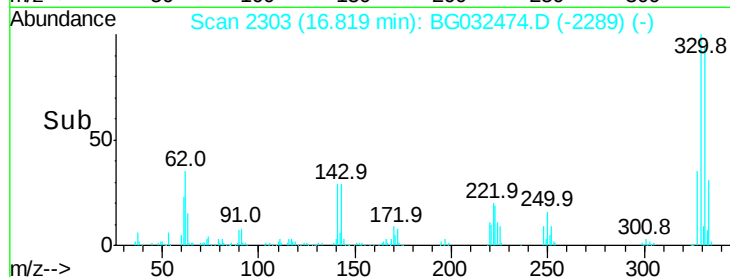
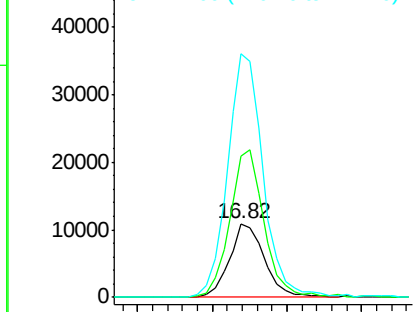
#66
 4-Bromophenyl-phenylether
 Concen: 5.653 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.45 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17781
 Ion Ratio Lower Upper
 248 100
 250 190.3 77.1 115.7#
 141 329.2 50.8 76.2#

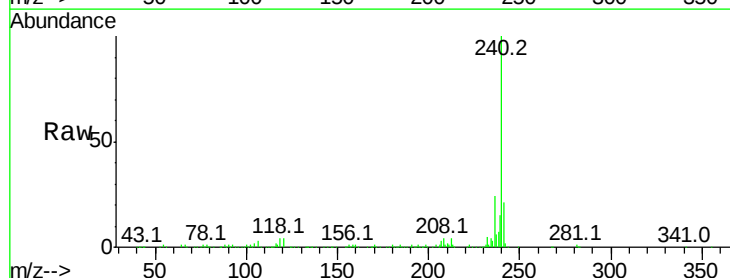


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

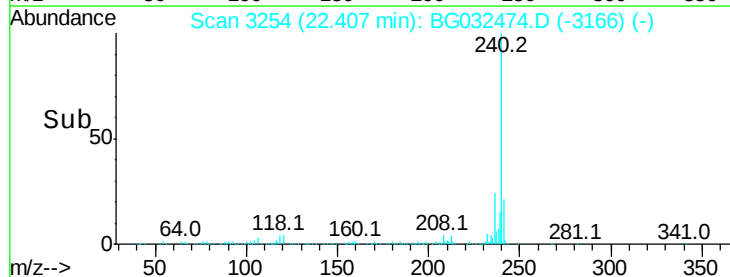
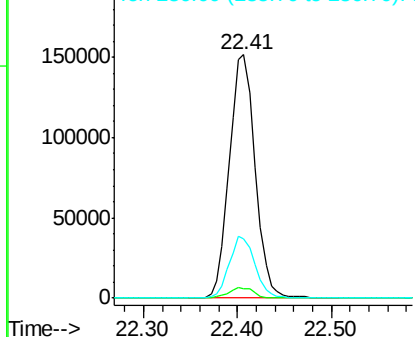


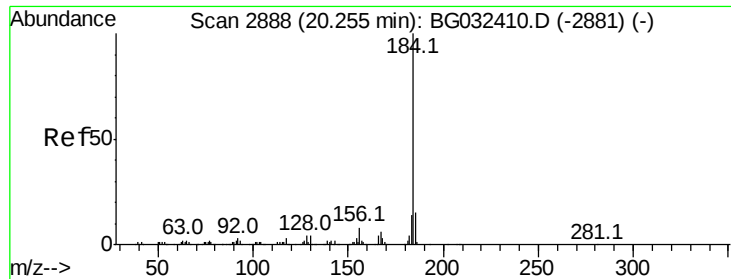
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Tgt Ion:240 Resp: 289325
 Ion Ratio Lower Upper
 240 100
 120 3.8 6.8 10.2#
 236 24.1 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

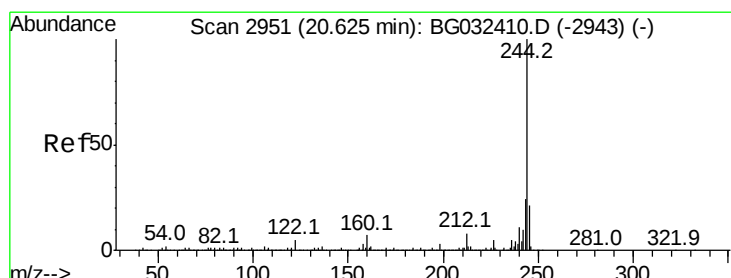
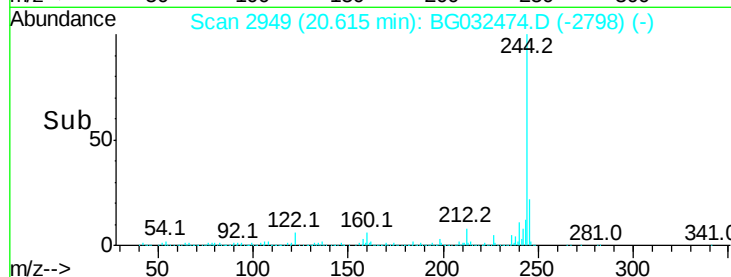
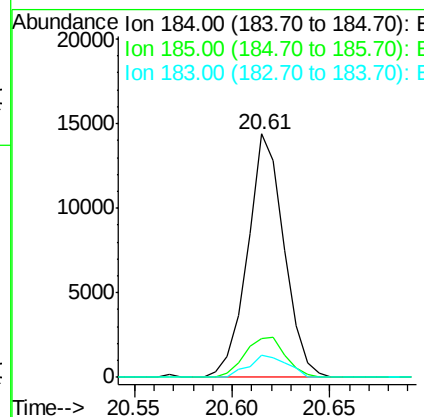
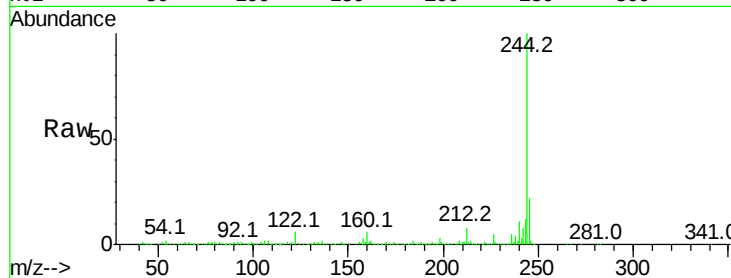




#76
Benzidine
Concen: 3.263 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

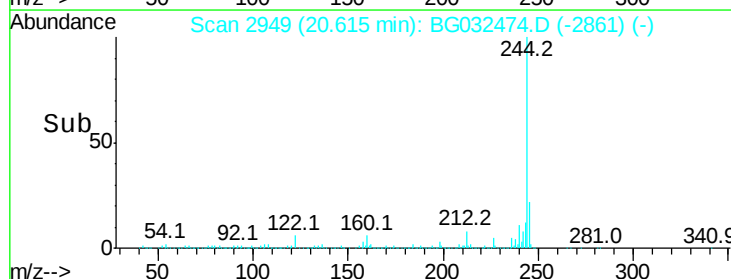
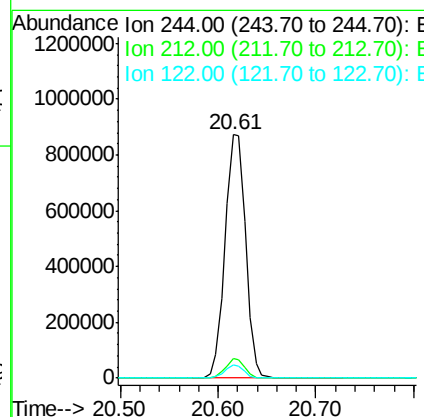
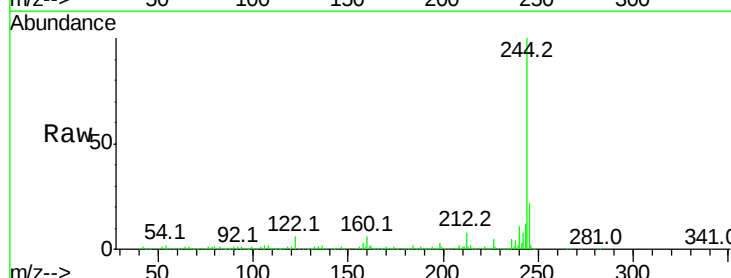
Instrument :
BNA_G
ClientSampleId :

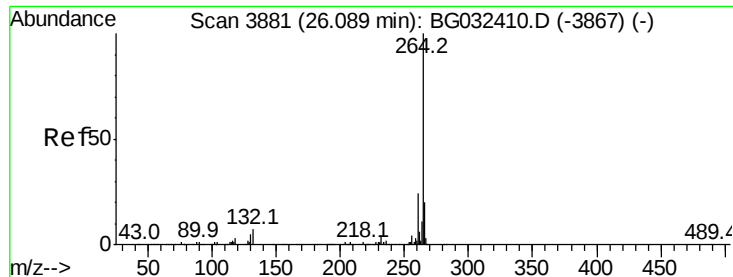
Tot Ion:184 Resp: 18538
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 9.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 94.495 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

Tgt Ion:244 Resp: 1276320
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 5.7 7.0 10.4#

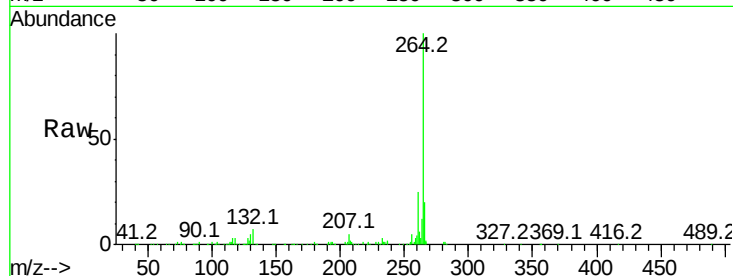




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	19.9	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

