

Data File : BG044647.D
Acq On : 3 Mar 2020 00:24
Operator : CG/JU
Sample : L1744-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Mar 03 06:17:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

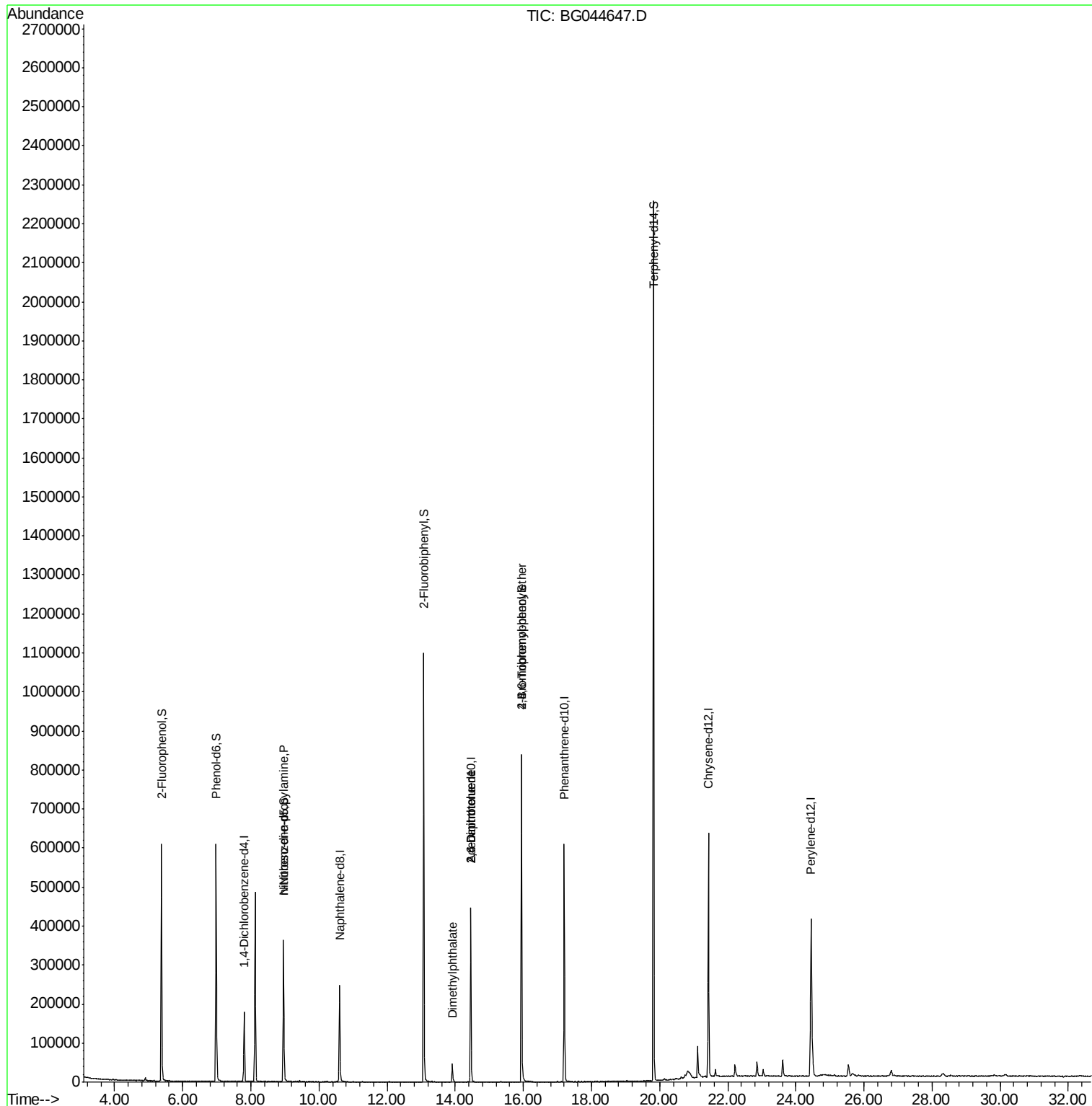
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	51365	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	236547	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	167382	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	387381	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	358185	20.00	ng	-0.07
87) Perylene-d12	24.45	264	401902	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	295748	92.38	ng	-0.07
7) Phenol-d6	6.98	99	399911	91.26	ng	-0.07
23) Nitrobenzene-d5	8.96	82	239162	52.09	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	176995	74.58	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	612541	52.40	ng	-0.06
79) Terphenyl-d14	19.82	244	1096490	57.95	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	30630	10.874	ng	# 78
50) Dimethylphthalate	13.92	163	42917	3.177	ng	# 96
51) 2,6-Dinitrotoluene	14.46	165	21211	7.119	ng	# 32
57) 2,4-Dinitrotoluene	14.46	165	21211	5.063	ng	# 30
67) 4-Bromophenyl-phenylether	15.94	248	11448	2.381	ng	# 1

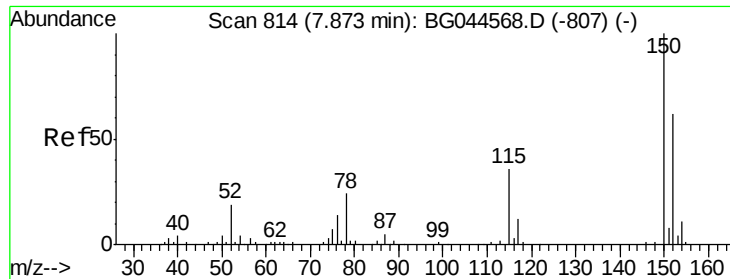
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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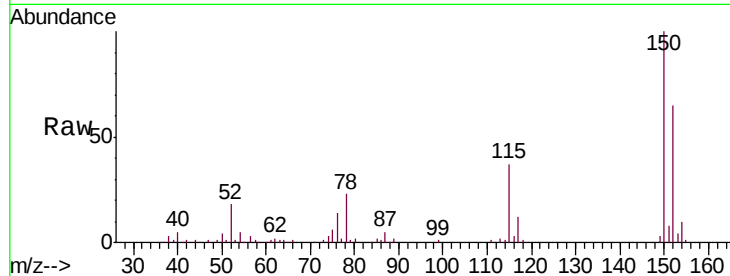


#1

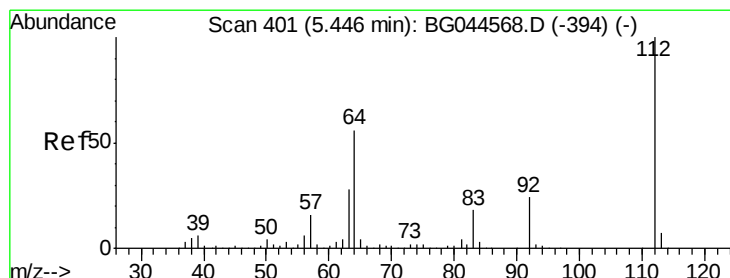
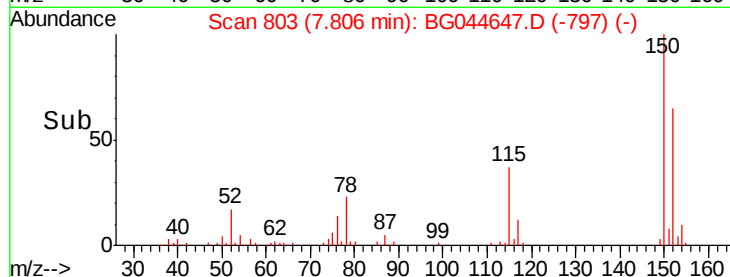
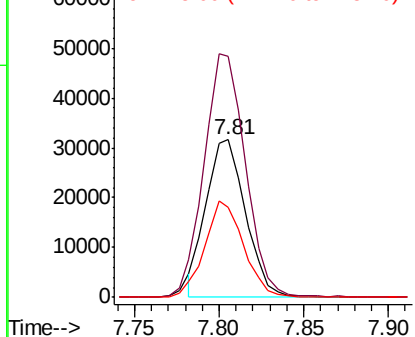
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

Instrument :
BNA_G
ClientSampled :
TP-2

Tgt Ion:152 Resp: 51365
Ion Ratio Lower Upper
152 100
150 153.4 128.9 193.3
115 57.0 47.0 70.4



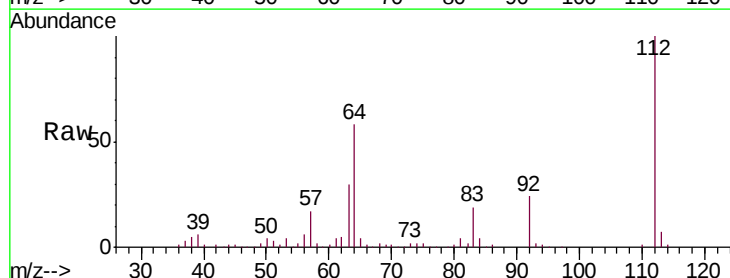
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



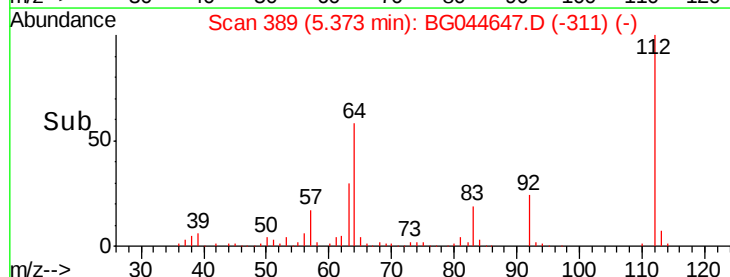
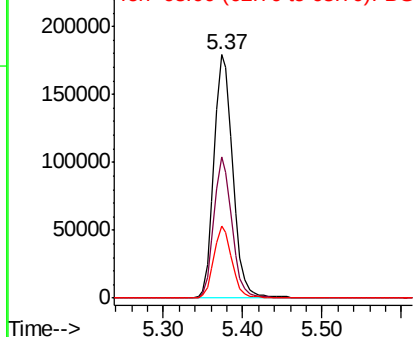
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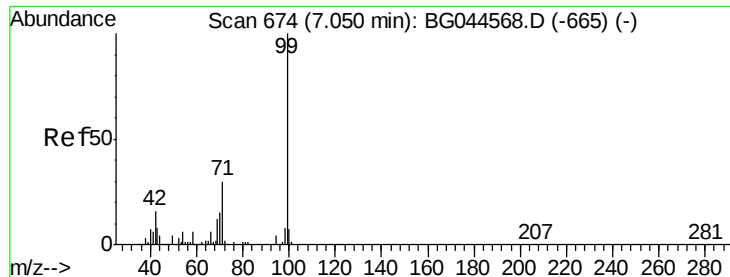
2-Fluorophenol
Concen: 92.382 ng
RT: 5.37 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

Tgt Ion:112 Resp: 295748
Ion Ratio Lower Upper
112 100
64 58.1 44.8 67.2
63 29.6 22.3 33.5



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: 91.261 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044647.D

Acq: 3 Mar 2020 00:24

Instrument :

BNA_G

ClientSampleId :

TP-2

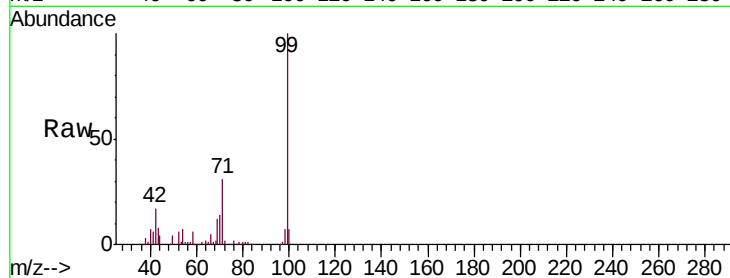
Tgt Ion: 99 Resp: 399911

Ion Ratio Lower Upper

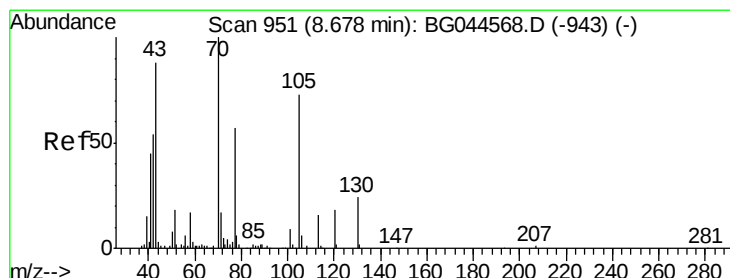
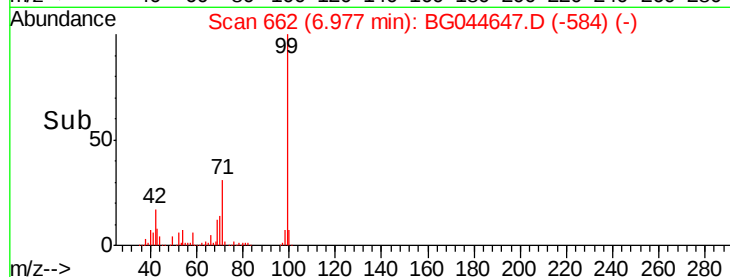
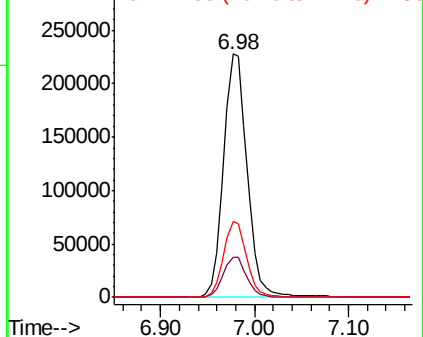
99 100

42 16.7 12.8 19.2

71 31.2 24.4 36.6



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: 10.874 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044647.D

Acq: 3 Mar 2020 00:24

Tgt Ion: 70 Resp: 30630

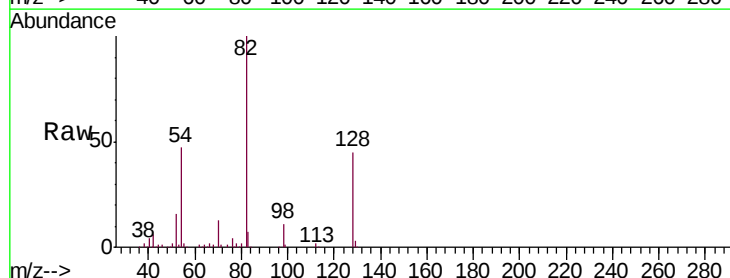
Ion Ratio Lower Upper

70 100

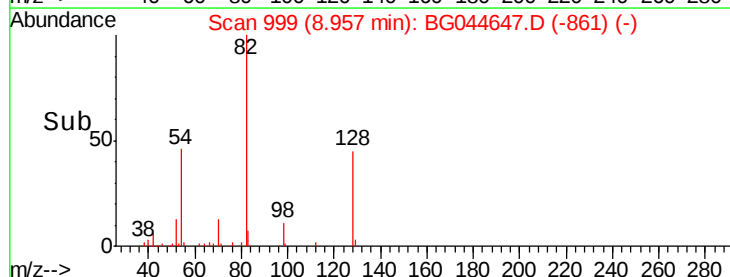
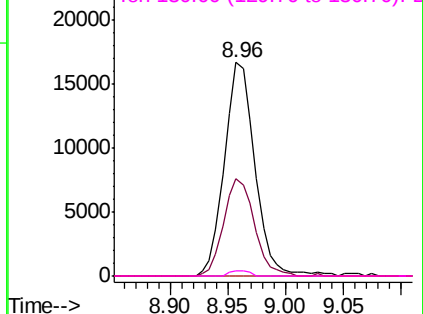
42 45.6 43.4 65.0

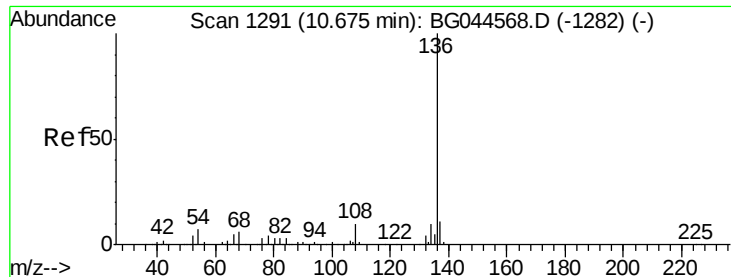
101 0.0 7.5 11.3#

130 2.2 18.9 28.3#



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

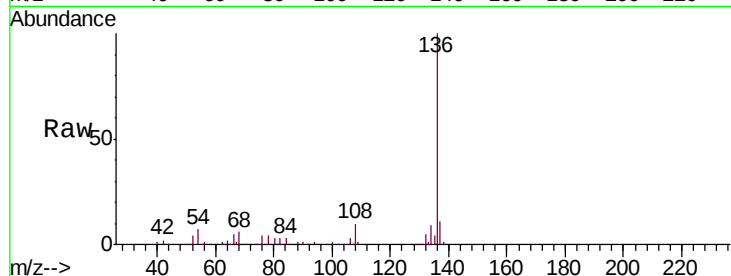




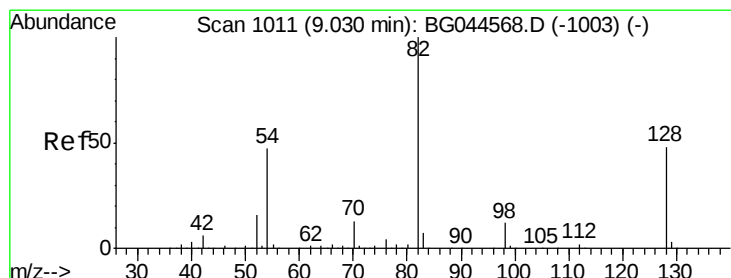
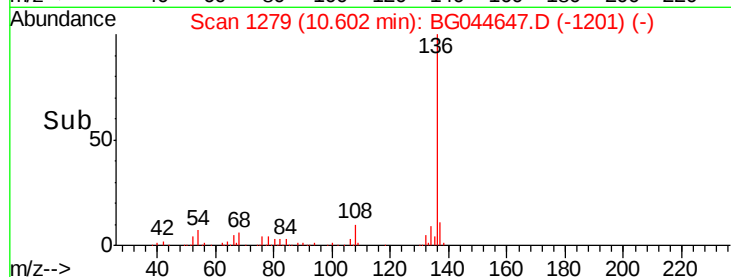
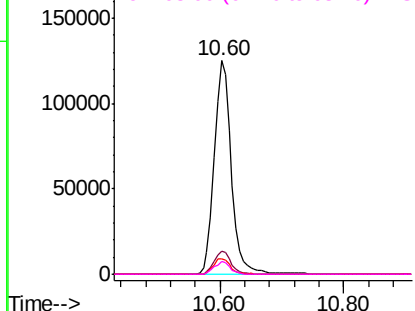
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:	136	Resp:	236547
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.7	8.5
68	6.0	4.5	6.7

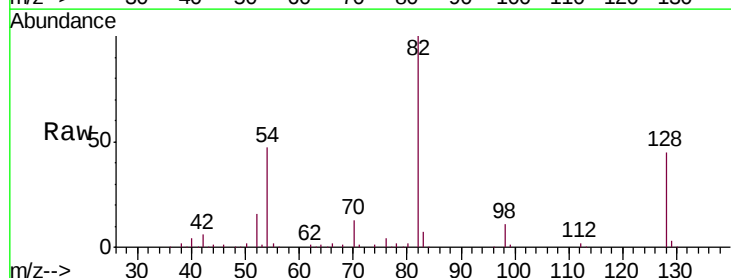


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

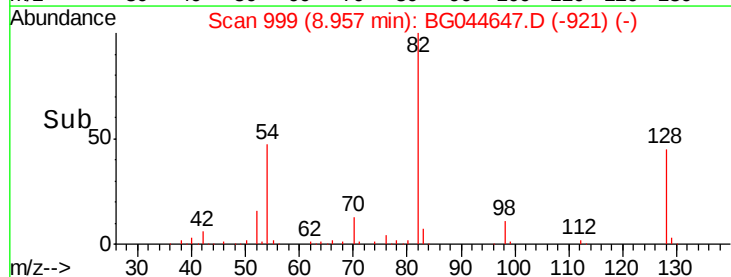
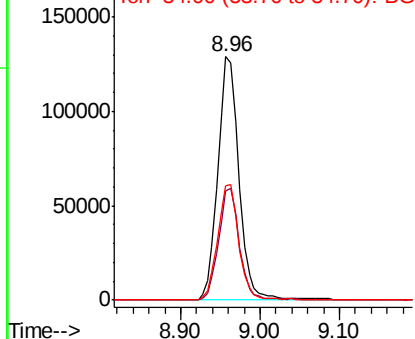


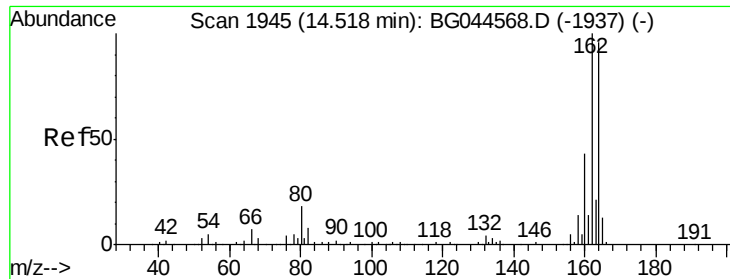
#23
Nitrobenzene-d5
Concen: 52.088 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

Tgt Ion:	82	Resp:	239162
Ion	Ratio	Lower	Upper
82	100		
128	44.6	38.1	57.1
54	46.8	37.5	56.3



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

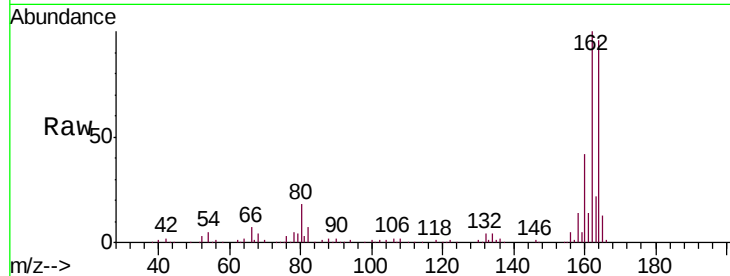




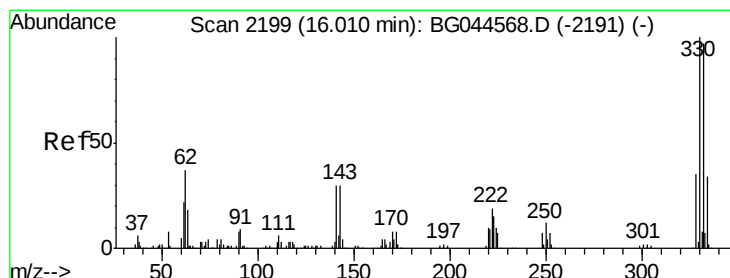
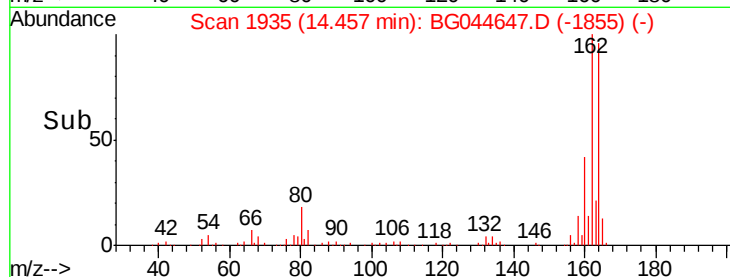
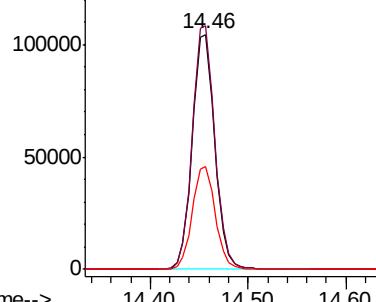
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.06 min
 Lab File: BG044647.D
 Acq: 3 Mar 2020 00:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:164 Resp: 167382
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.6 125.4
 160 44.1 36.2 54.4

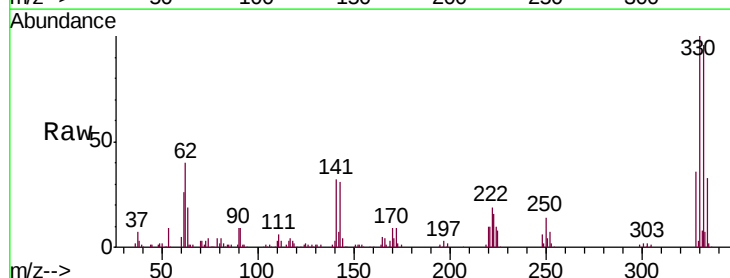


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

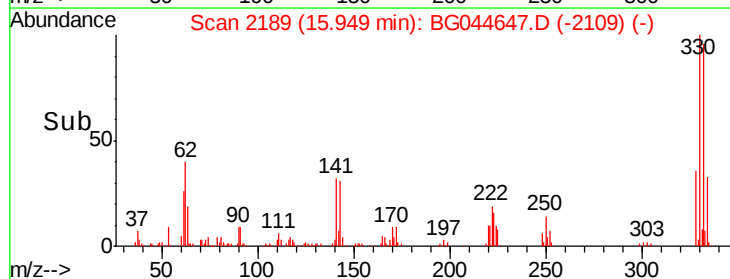
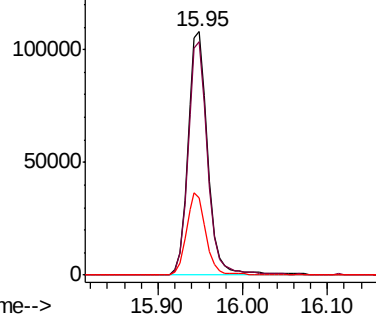


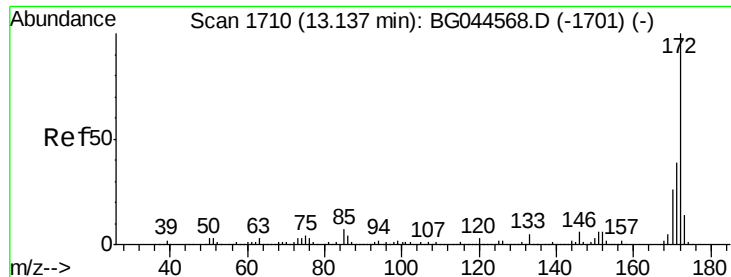
#42
 2,4,6-Tribromophenol
 Concen: 74.576 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044647.D
 Acq: 3 Mar 2020 00:24

Tgt Ion:330 Resp: 176995
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.0
 141 33.2 26.1 39.1



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

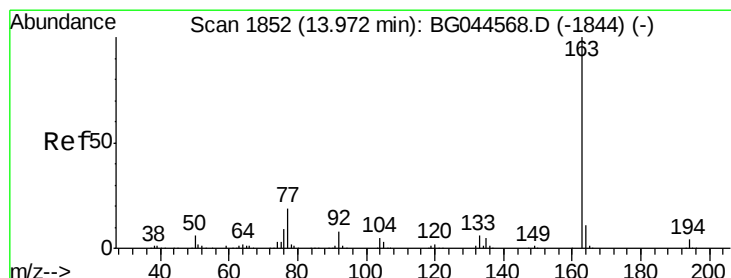
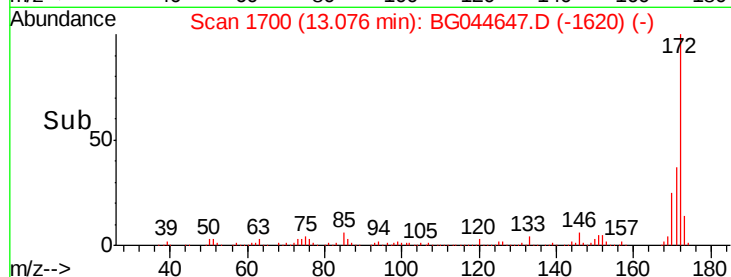
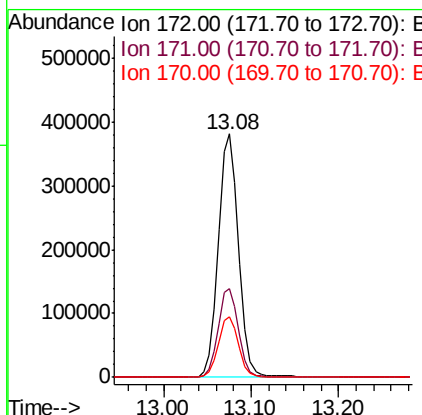
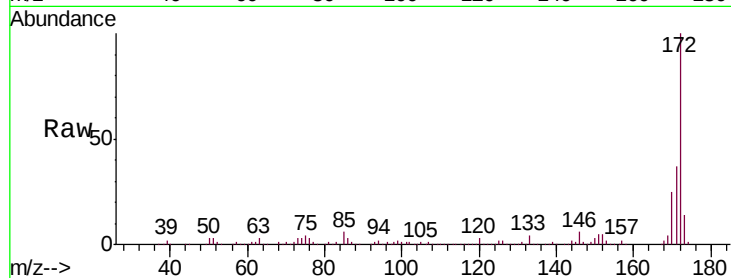




#45
 2-Fluorobiphenyl
 Concen: 52.404 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044647.D
 Acq: 3 Mar 2020 00:24

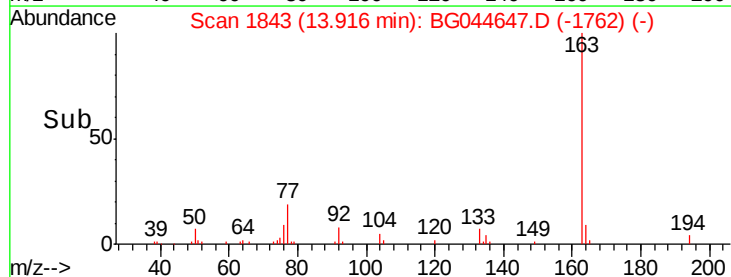
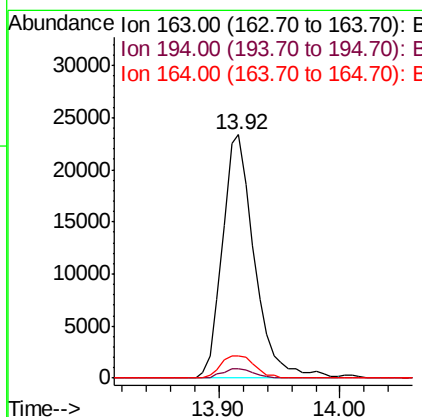
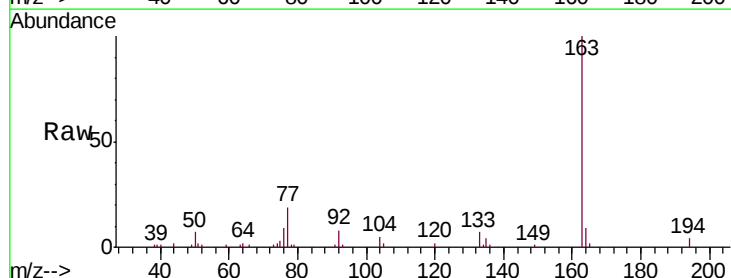
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

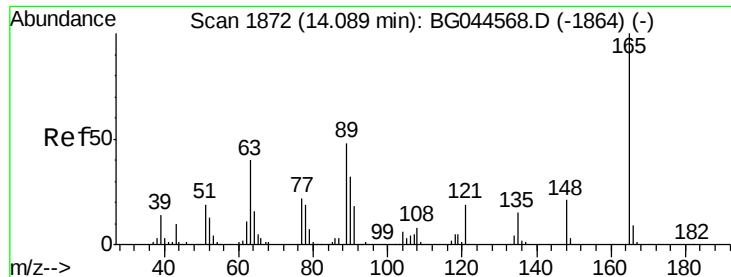
Tgt Ion:172 Resp: 612541
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.3 46.9
 170 24.8 21.0 31.4



#50
 Dimethylphthalate
 Concen: 3.177 ng
 RT: 13.92 min Scan# 1843
 Delta R.T. -0.06 min
 Lab File: BG044647.D
 Acq: 3 Mar 2020 00:24

Tgt Ion:163 Resp: 42917
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 9.2 8.7 13.1

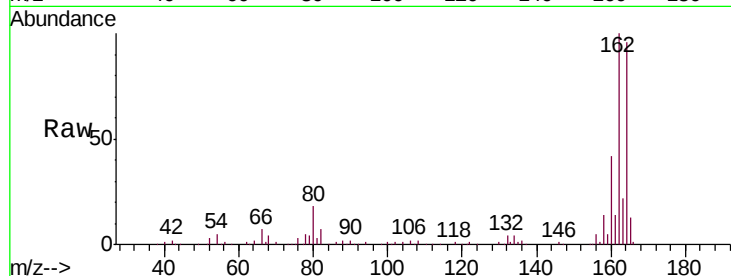




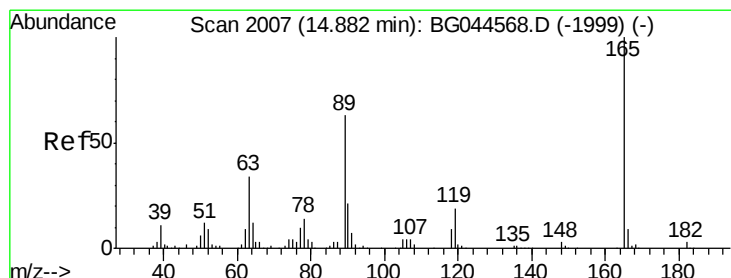
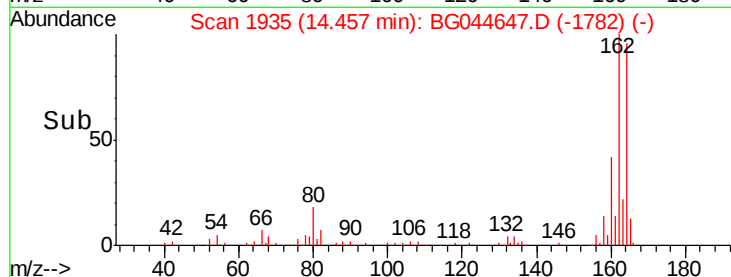
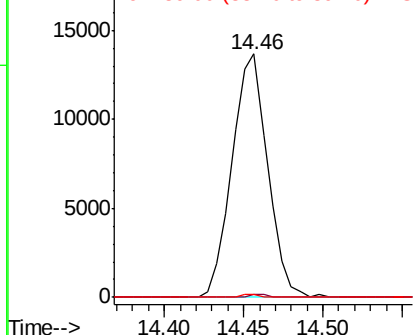
#51
 2,6-Dinitrotoluene
 Concen: 7.119 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. 0.37 min
 Lab File: BG044647.D
 Acq: 3 Mar 2020 00:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:165 Resp: 21211
 Ion Ratio Lower Upper
 165 100
 63 1.1 35.8 53.6#
 89 1.4 38.7 58.1#



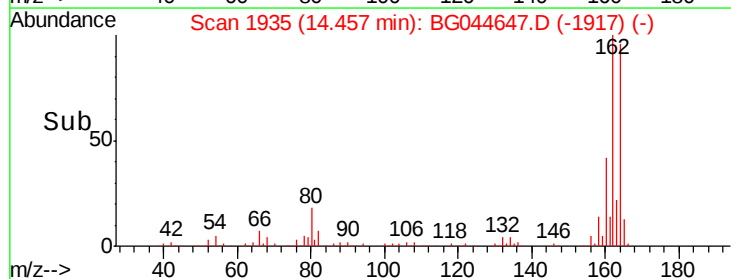
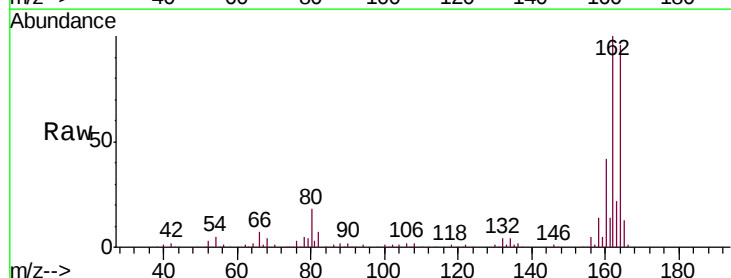
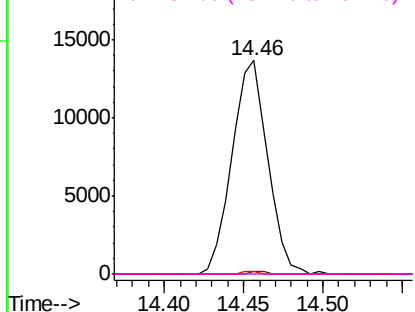
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

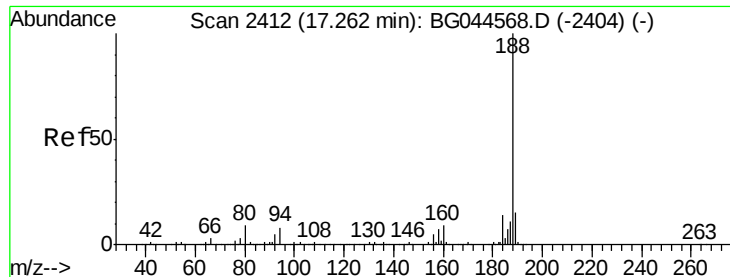


#57
 2,4-Dinitrotoluene
 Concen: 5.063 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.43 min
 Lab File: BG044647.D
 Acq: 3 Mar 2020 00:24

Tgt Ion:165 Resp: 21211
 Ion Ratio Lower Upper
 165 100
 63 1.1 27.5 41.3#
 89 1.4 50.0 75.0#
 182 0.0 2.3 3.5#

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

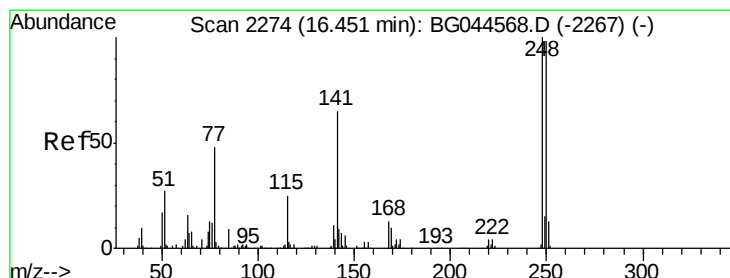
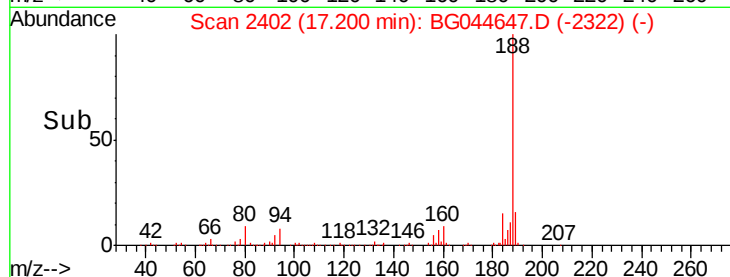
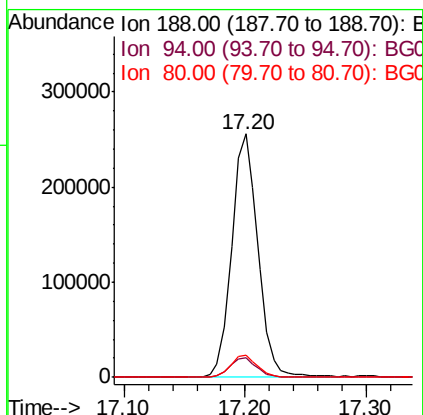
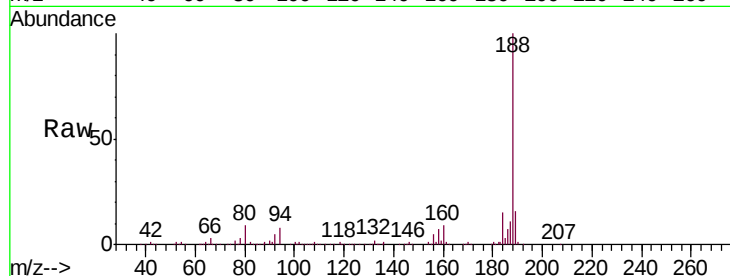




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

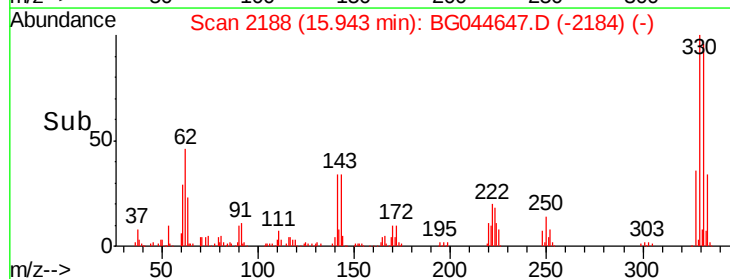
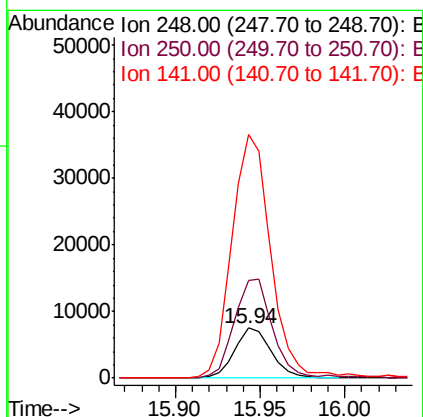
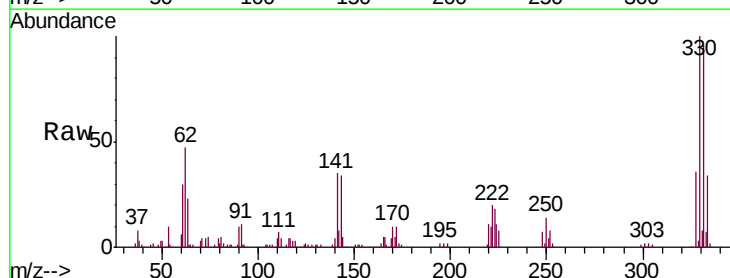
Instrument :
BNA_G
ClientSampleId :
TP-2

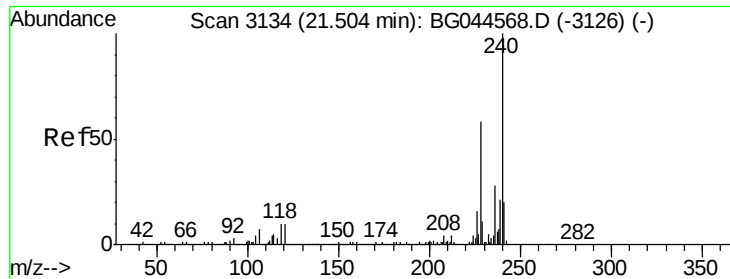
Tgt Ion:188 Resp: 387381
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.381 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.51 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

Tgt Ion:248 Resp: 11448
Ion Ratio Lower Upper
248 100
250 195.6 78.7 118.1#
141 485.2 52.3 78.5#

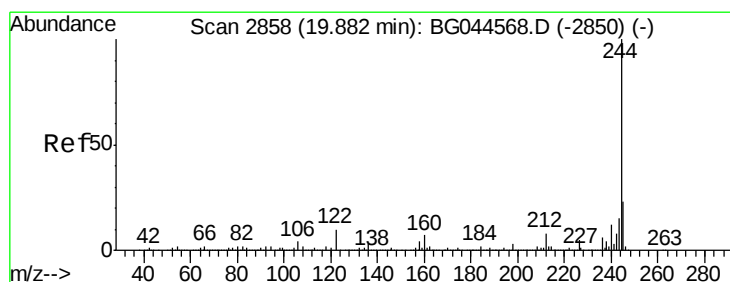
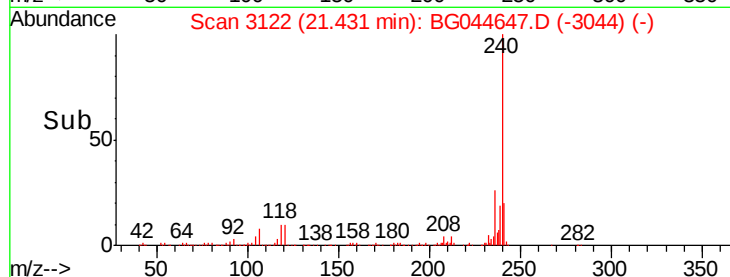
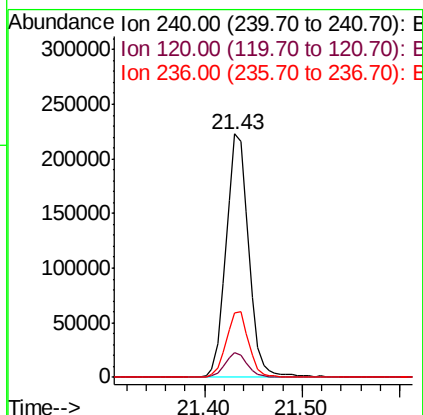
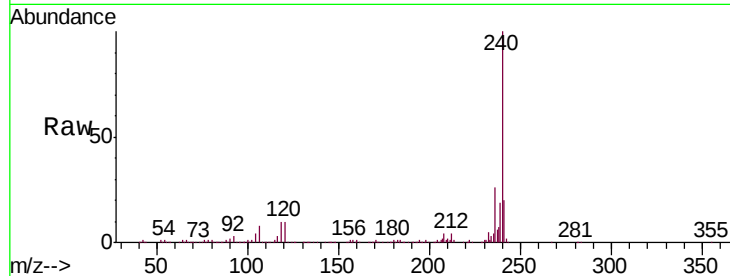




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

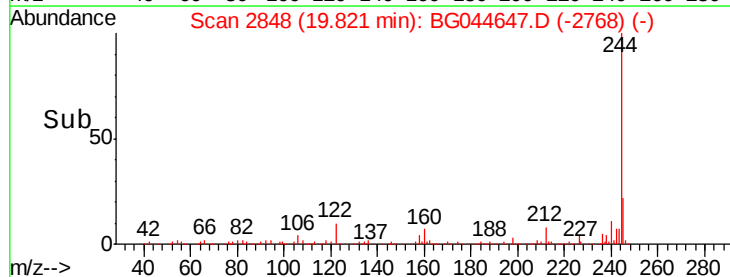
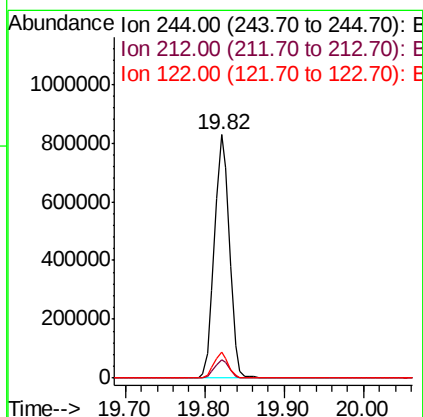
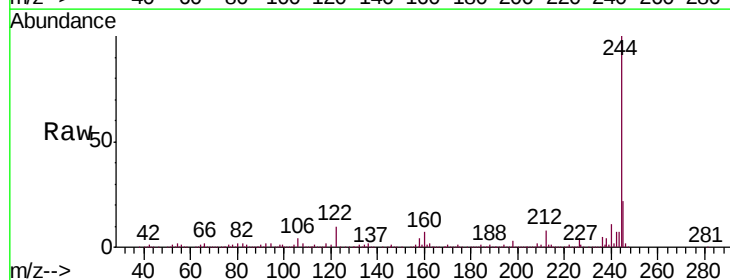
Instrument :
BNA_G
ClientSampleId :
TP-2

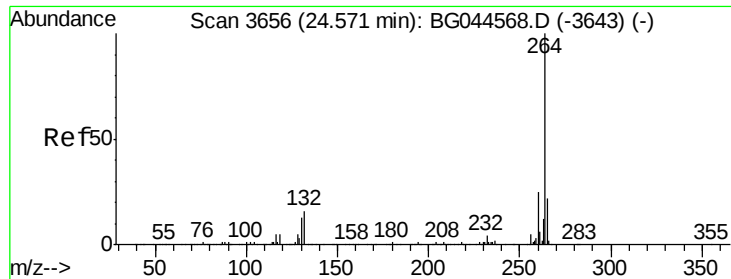
Tgt Ion:240 Resp: 358185
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.4 22.3 33.5



#79
Terphenyl-d14
Concen: 57.951 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

Tgt Ion:244 Resp: 1096490
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 10.5 8.2 12.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044647.D
Acq: 3 Mar 2020 00:24

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 264 Resp: 401902
Ion Ratio Lower Upper
264 100
260 23.5 19.7 29.5
265 21.7 17.8 26.8

