

Data File : BG044012.D
Acq On : 10 Jan 2020 21:57
Operator : JU
Sample : L1068-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OB-3

Quant Time: Jan 11 04:17:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

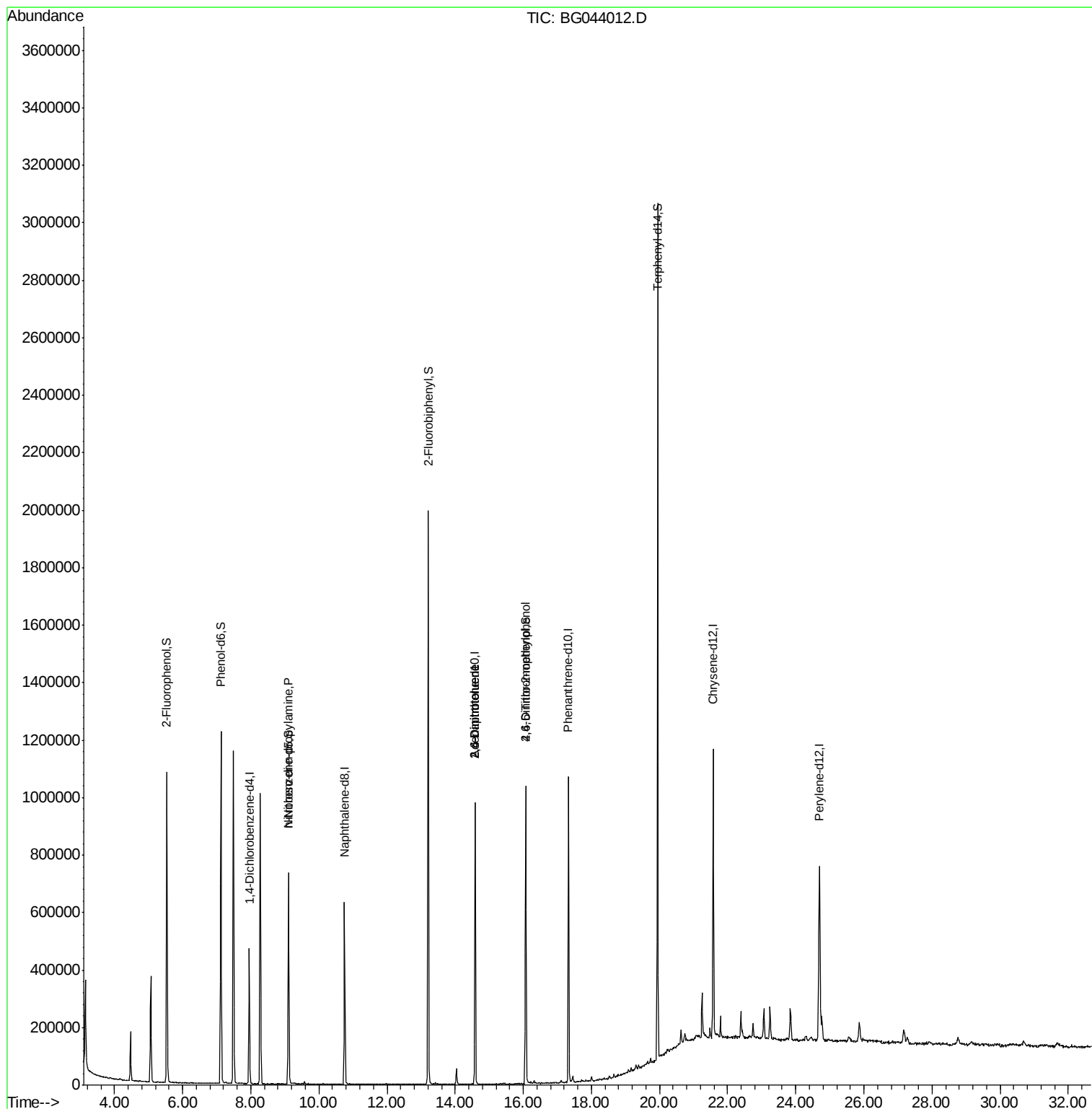
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	138128	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	577694	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	348472	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	674113	20.00	ng	0.00
76) Chrysene-d12	21.57	240	560011	20.00	ng	-0.02
87) Perylene-d12	24.69	264	635617	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	524962	69.78	ng	0.00
7) Phenol-d6	7.12	99	771859	73.40	ng	0.00
23) Nitrobenzene-d5	9.11	82	470298	43.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	191230	52.44	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1035870	53.86	ng	-0.02
79) Terphenyl-d14	19.94	244	1328672	50.37	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	60580	7.736	ng	# 79
51) 2,6-Dinitrotoluene	14.58	165	45274	8.096	ng	# 26
57) 2,4-Dinitrotoluene	14.58	165	45274	5.950	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	650	4.560	ng	# 1

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

Data File : BG044012.D
Acq On : 10 Jan 2020 21:57
Operator : JU
Sample : L1068-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OB-3

Quant Time: Jan 11 04:17:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



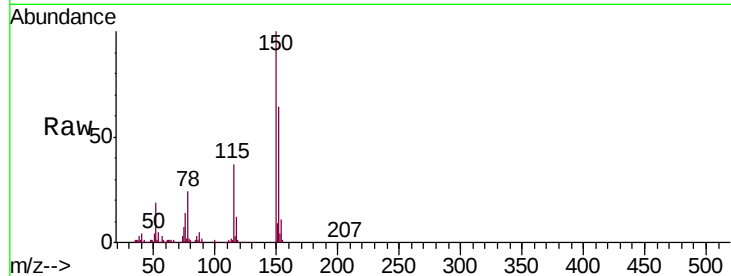


#1

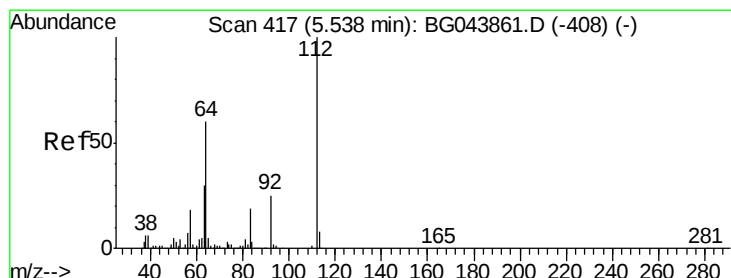
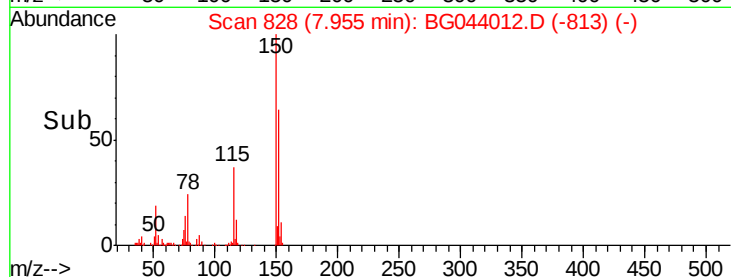
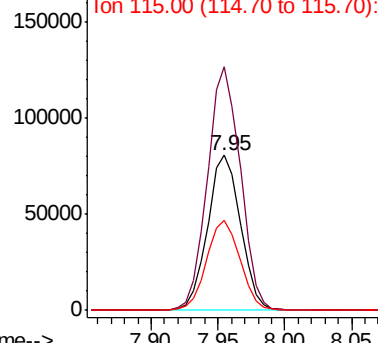
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG044012.D
Acq: 10 Jan 2020 21:57

Instrument :
BNA_G
ClientSampleId :
OB-3

Tgt Ion:152 Resp: 138128
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.4
115 58.5 47.8 71.8



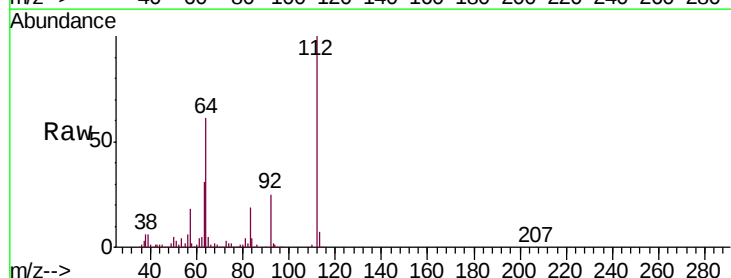
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



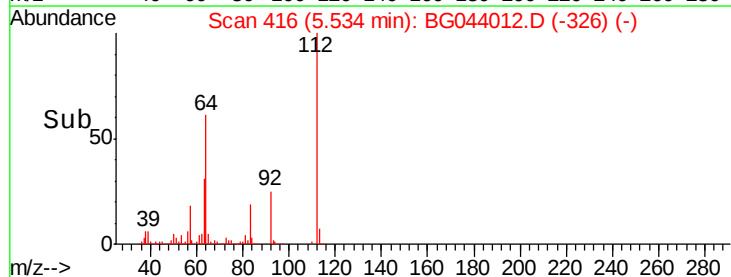
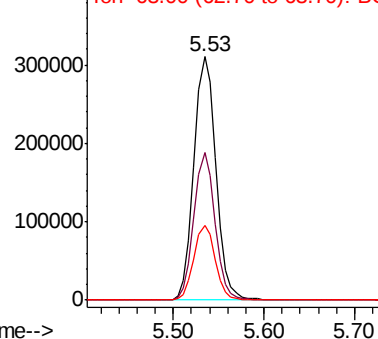
#5

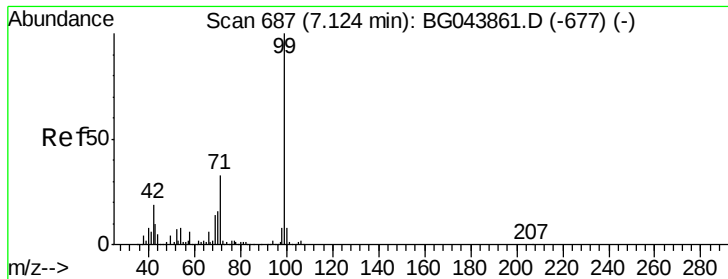
2-Fluorophenol
Concen: 69.783 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG044012.D
Acq: 10 Jan 2020 21:57

Tgt Ion:112 Resp: 524962
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.6
63 30.6 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 73.402 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Instrument :

BNA_G

ClientSampleId :

OB-3

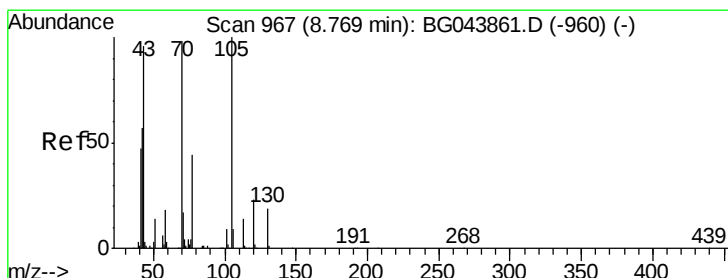
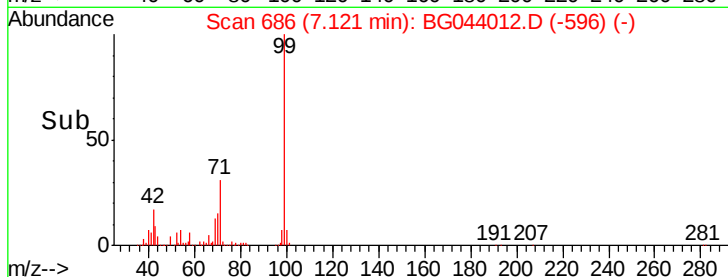
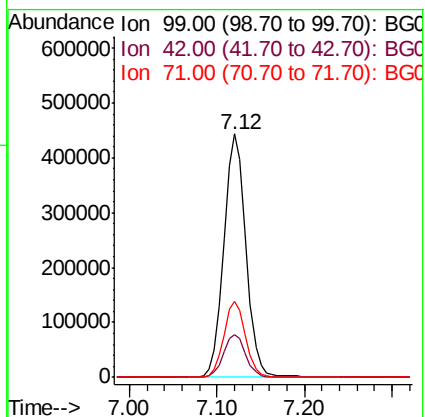
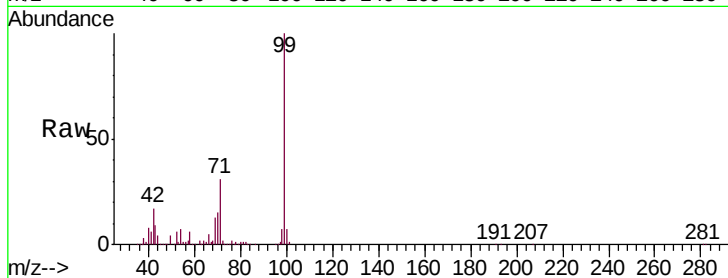
Tgt Ion: 99 Resp: 771859

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

71 31.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.736 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Tgt Ion: 70 Resp: 60580

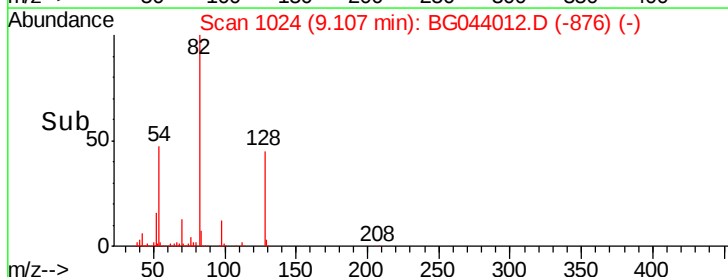
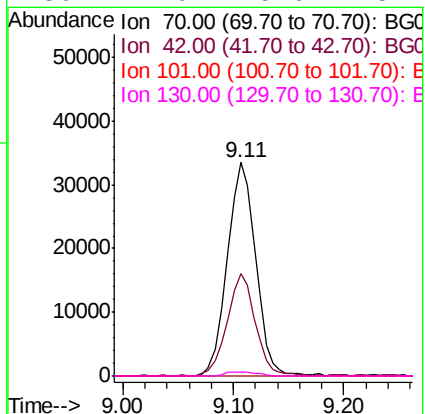
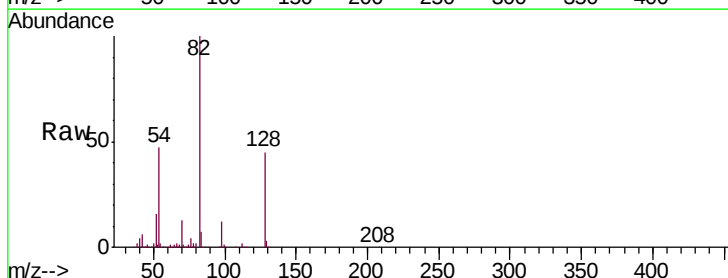
Ion Ratio Lower Upper

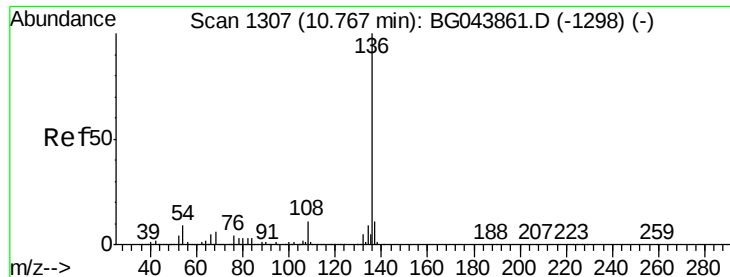
70 100

42 48.2 47.0 70.4

101 0.0 7.2 10.8#

130 2.0 15.6 23.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Instrument :

BNA_G

ClientSampleId :

OB-3

Tgt Ion:136 Resp: 577694

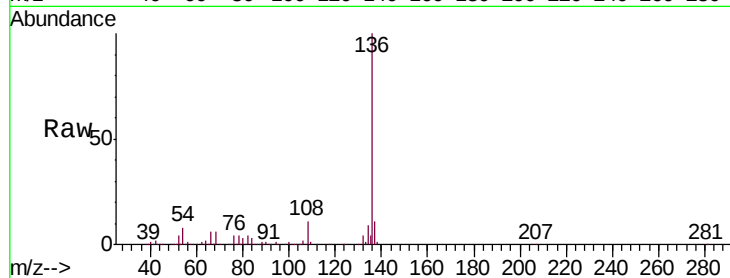
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 7.0 10.4

68 6.0 4.9 7.3

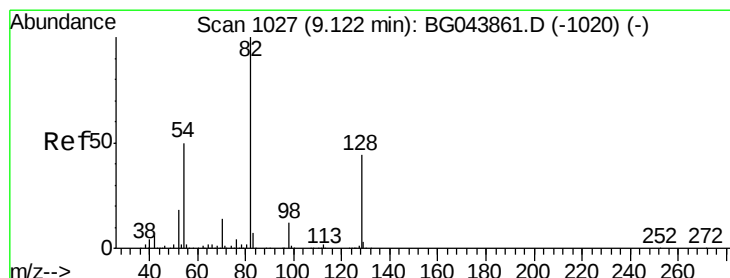
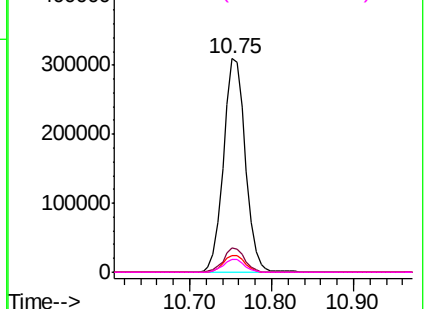
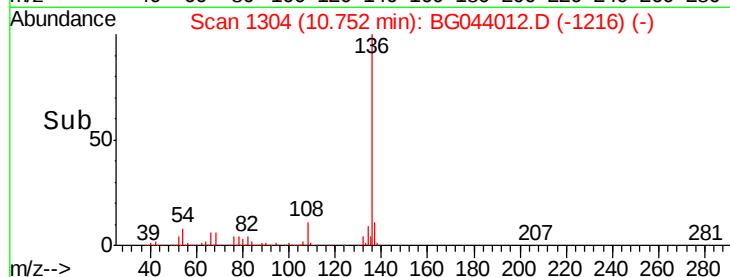


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.551 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

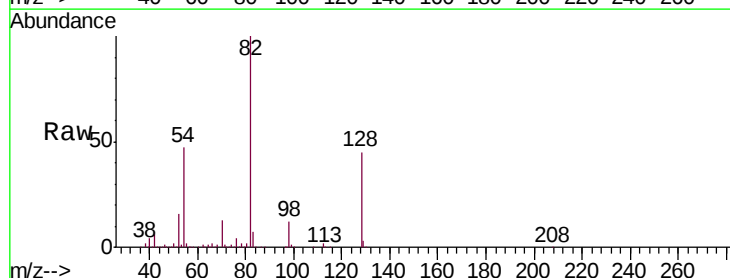
Tgt Ion: 82 Resp: 470298

Ion Ratio Lower Upper

82 100

128 45.5 35.1 52.7

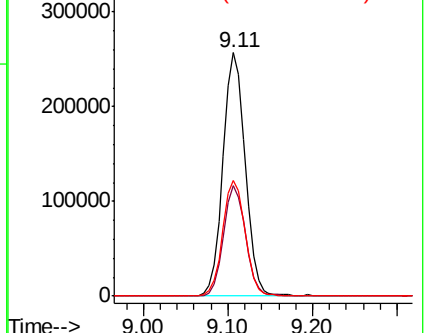
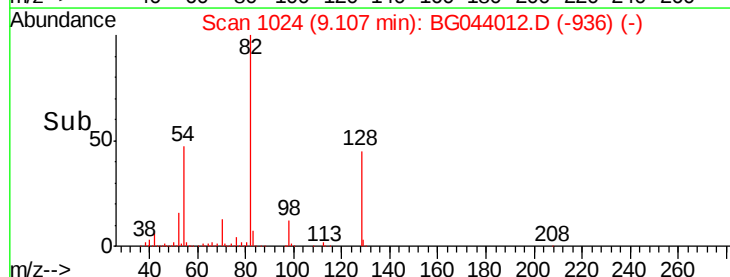
54 47.4 40.1 60.1

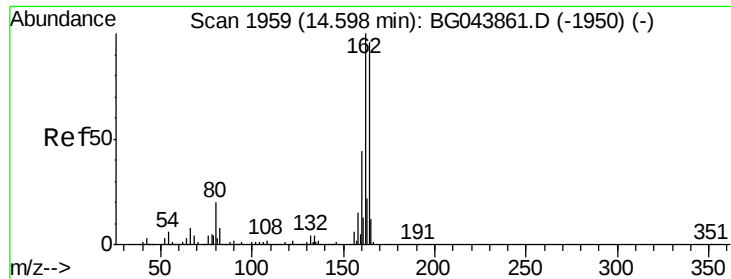


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Instrument :

BNA_G

ClientSampleId :

OB-3

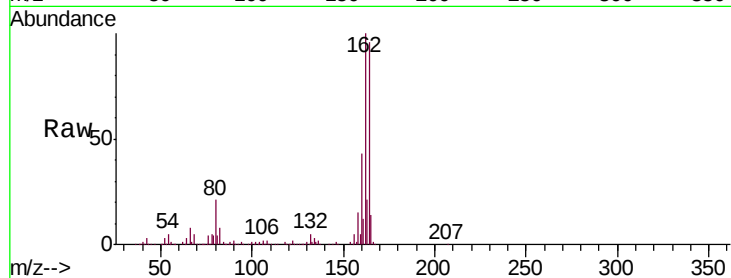
Tgt Ion:164 Resp: 348472

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

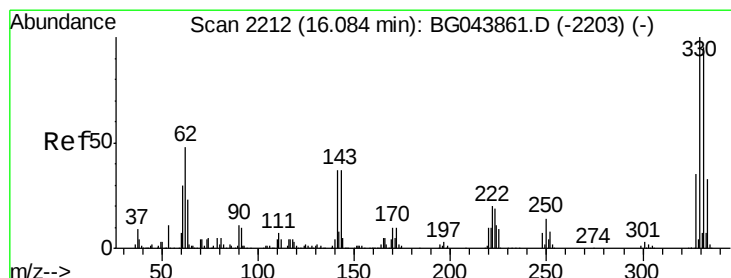
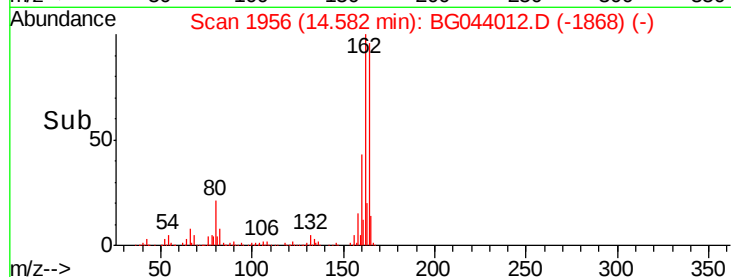
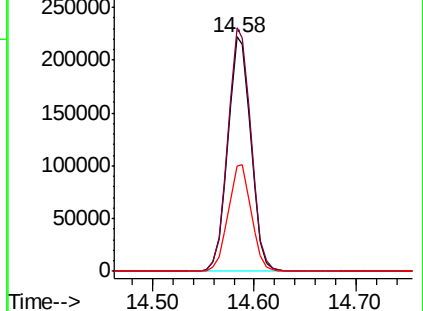
160 44.9 36.1 54.1



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: 52.439 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

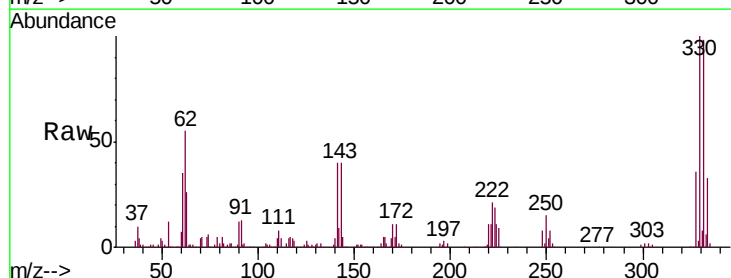
Tgt Ion:330 Resp: 191230

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

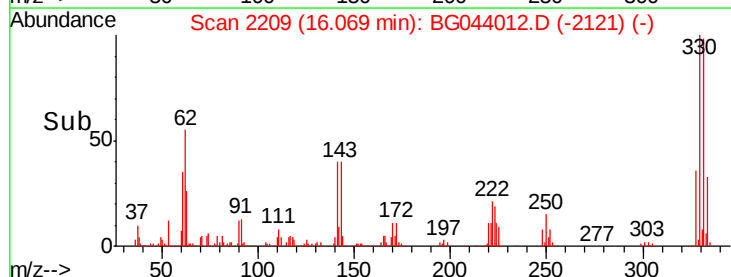
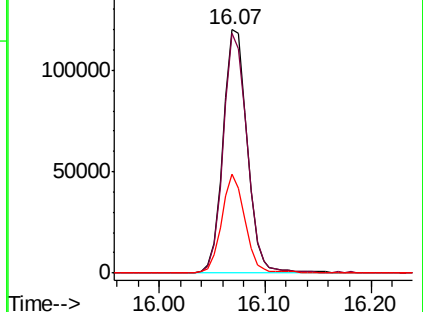
141 38.9 33.1 49.7

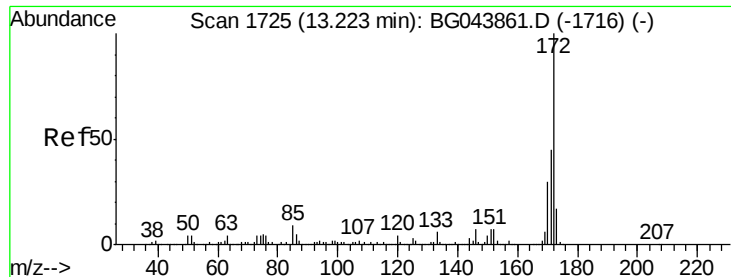


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

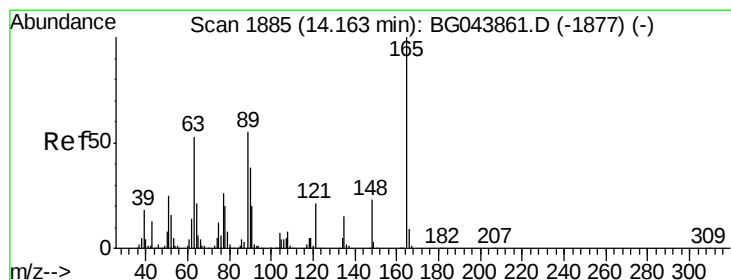
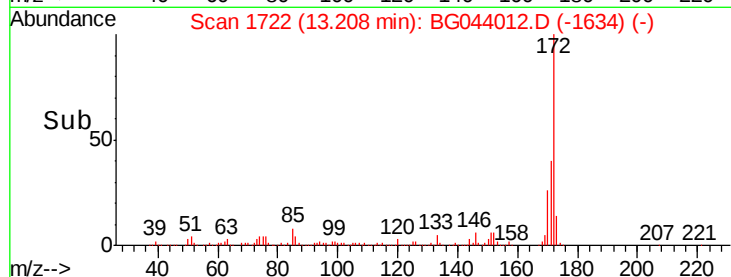
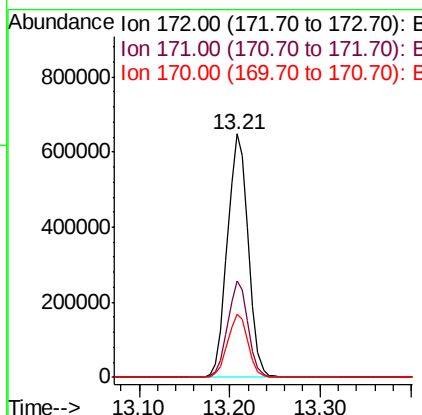
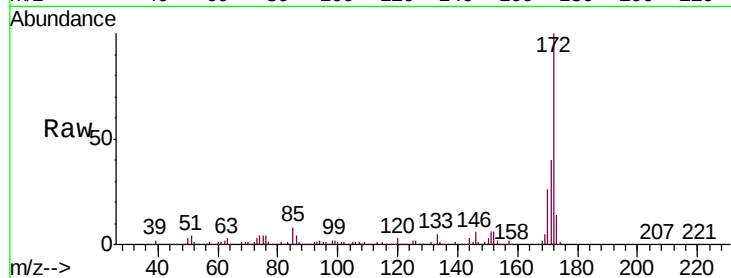




#45
 2-Fluorobiphenyl
 Concen: 53.857 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

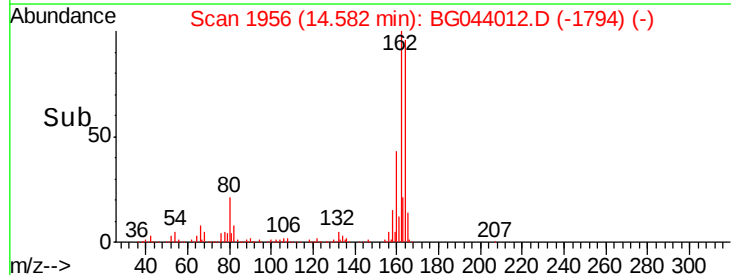
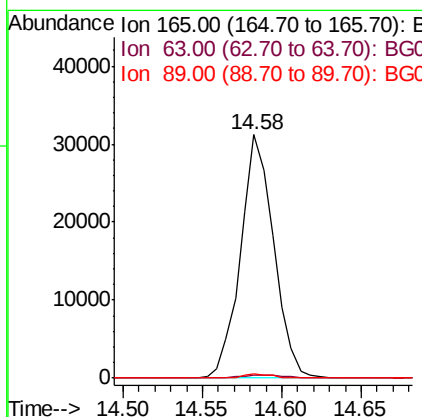
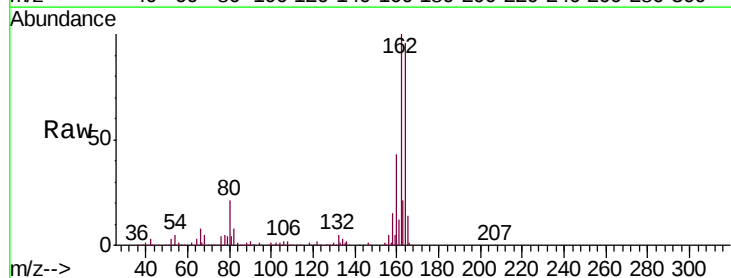
Instrument :
 BNA_G
 ClientSampleId :
 OB-3

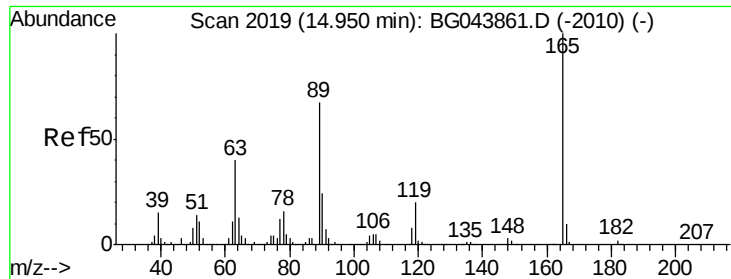
Tgt Ion:172 Resp: 1035870
 Ion Ratio Lower Upper
 172 100
 171 39.7 35.8 53.8
 170 26.2 24.2 36.4



#51
 2,6-Dinitrotoluene
 Concen: 8.096 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. 0.42 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

Tgt Ion:165 Resp: 45274
 Ion Ratio Lower Upper
 165 100
 63 1.1 43.1 64.7#
 89 1.6 43.8 65.6#

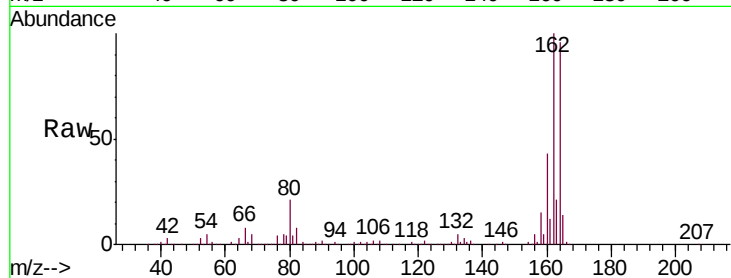




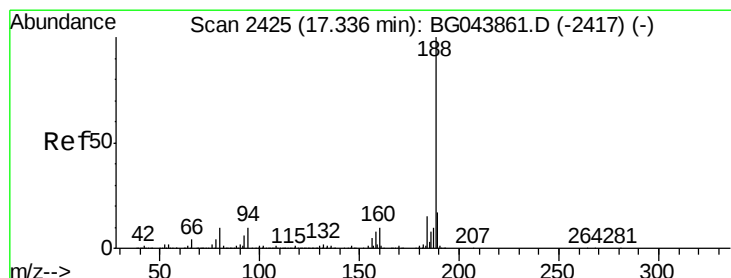
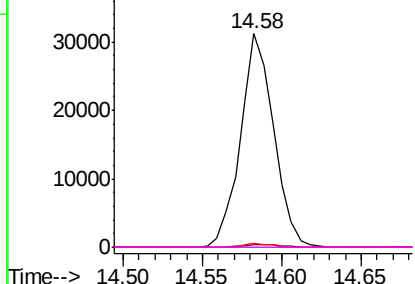
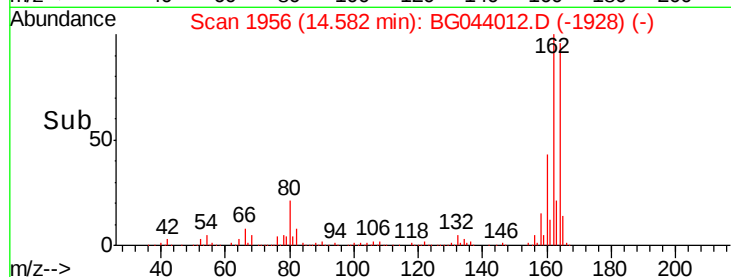
#57
 2,4-Dinitrotoluene
 Concen: 5.950 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.37 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

Instrument :
 BNA_G
 ClientSampleId :
 OB-3

Tgt Ion:	165	Resp:	45274
Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.9	47.9#
89	1.6	53.8	80.6#
182	0.0	2.0	3.0#

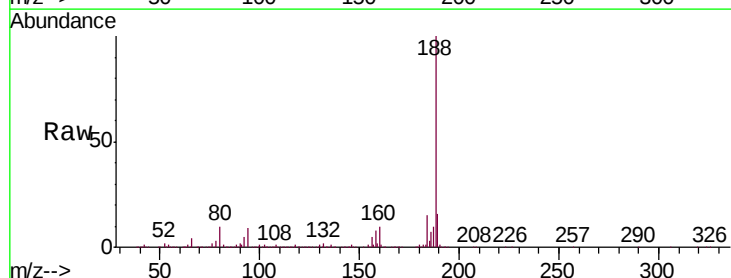


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

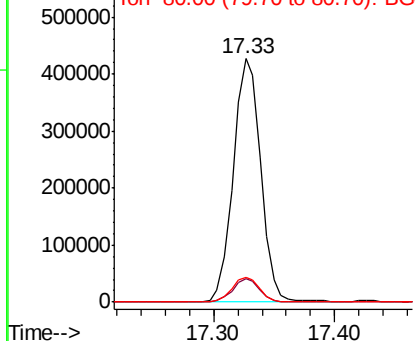
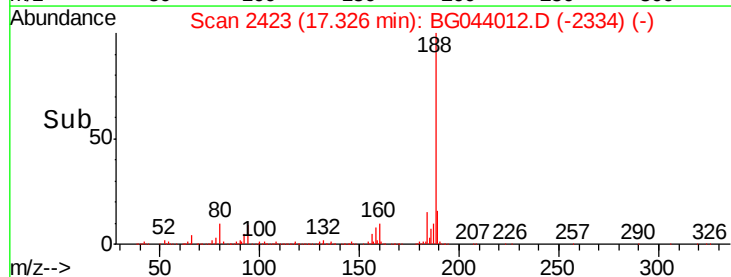


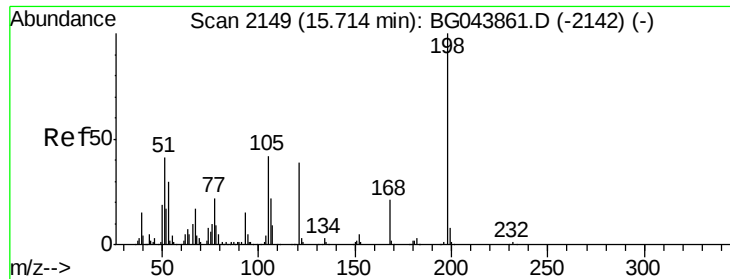
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

Tgt Ion:	188	Resp:	674113
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.4	8.2	12.4



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

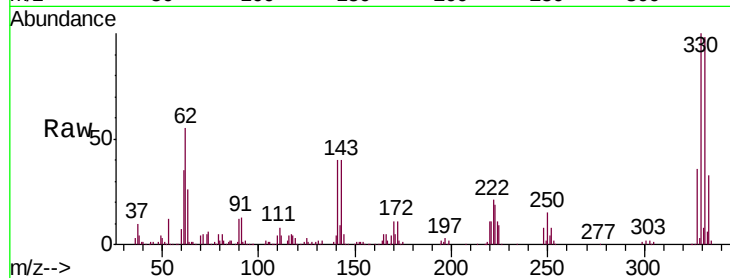




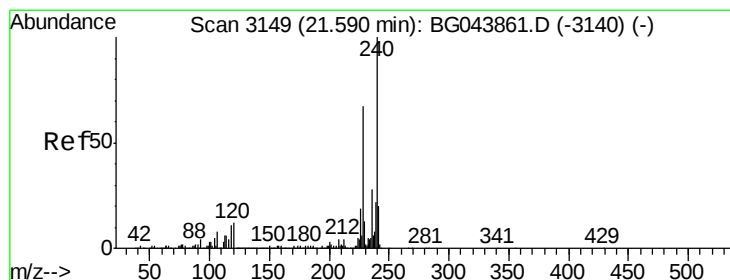
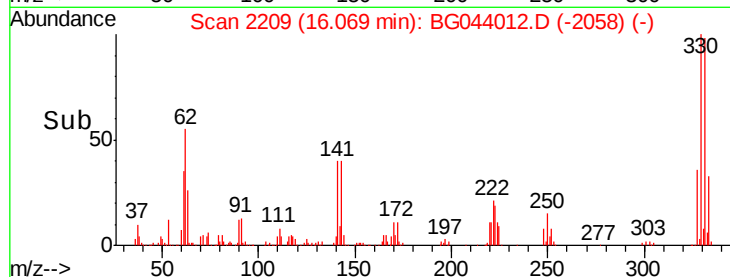
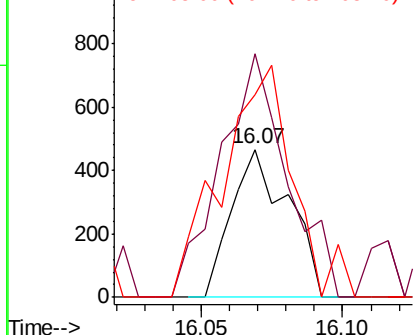
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.560 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. 0.35 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

Instrument :
 BNA_G
 ClientSampled :
 OB-3

Tgt Ion:198 Resp: 650
 Ion Ratio Lower Upper
 198 100
 51 164.5 22.5 62.5#
 105 137.0 22.3 62.3#

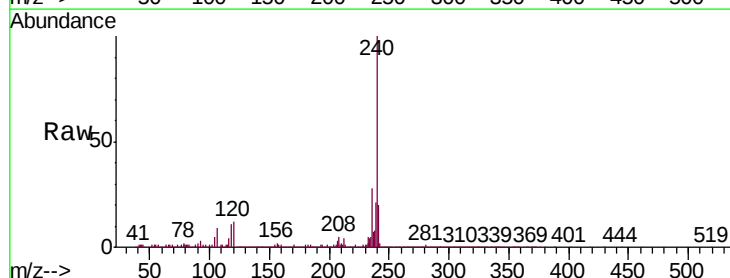


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

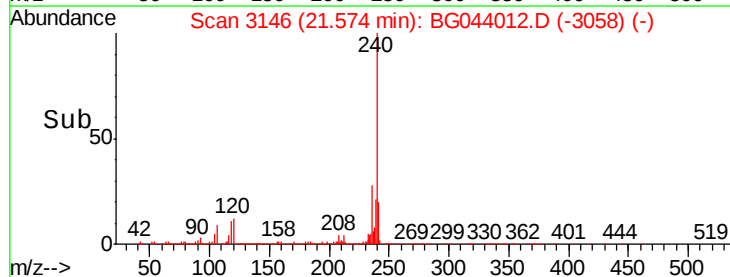
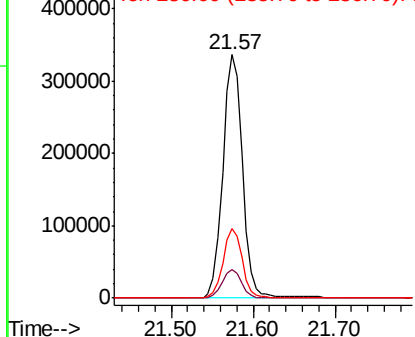


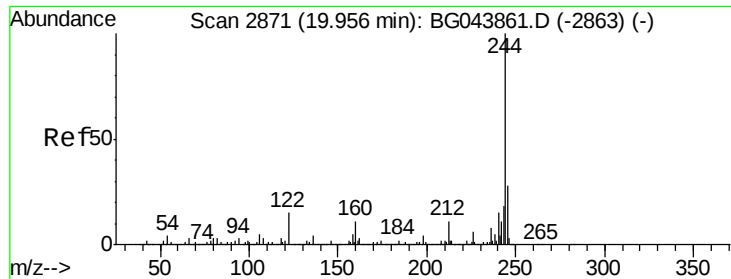
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

Tgt Ion:240 Resp: 560011
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.6 14.4
 236 28.3 22.2 33.2



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

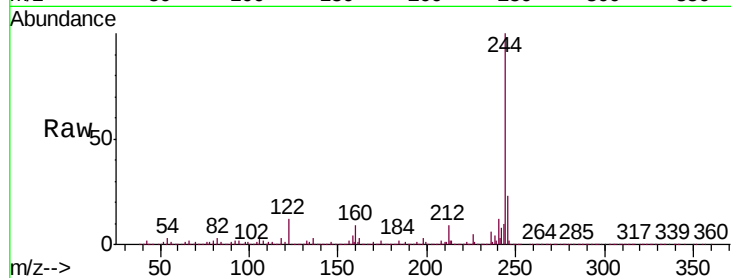




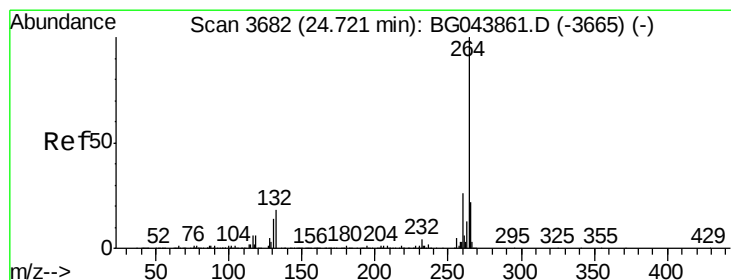
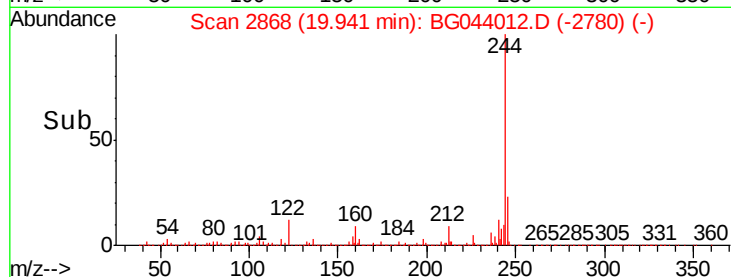
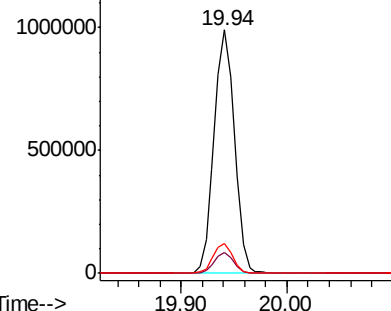
#79
 Terphenyl-d14
 Concen: 50.371 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

Instrument :
 BNA_G
 ClientSampled :
 OB-3

Tgt Ion:244 Resp: 1328672
 Ion Ratio Lower Upper
 244 100
 212 8.8 8.6 13.0
 122 12.4 11.9 17.9

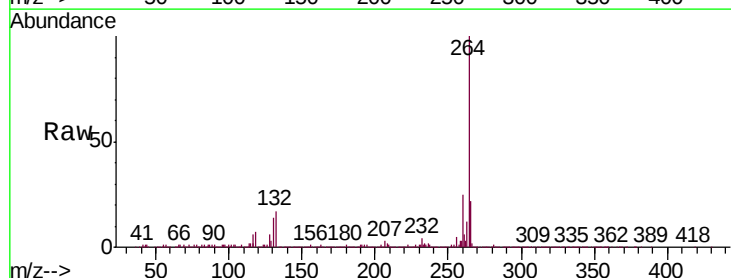


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3677
 Delta R.T. -0.03 min
 Lab File: BG044012.D
 Acq: 10 Jan 2020 21:57

Tgt Ion:264 Resp: 635617
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.4 30.6
 265 22.1 17.4 26.2



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

