

Data File : BG044007.D
Acq On : 10 Jan 2020 18:41
Operator : JU
Sample : L1068-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OB1

Quant Time: Jan 11 04:15:46 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	118238	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	511757	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	330940	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	688625	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	586480	20.00	ng	-0.02
87) Perylene-d12	24.69	264	655851	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	602789	93.61	ng	0.00
7) Phenol-d6	7.12	99	875667	97.28	ng	0.00
23) Nitrobenzene-d5	9.11	82	515026	53.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	308508	89.08	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1169572	64.03	ng	-0.01
79) Terphenyl-d14	19.94	244	1664684	63.68	ng	-0.02

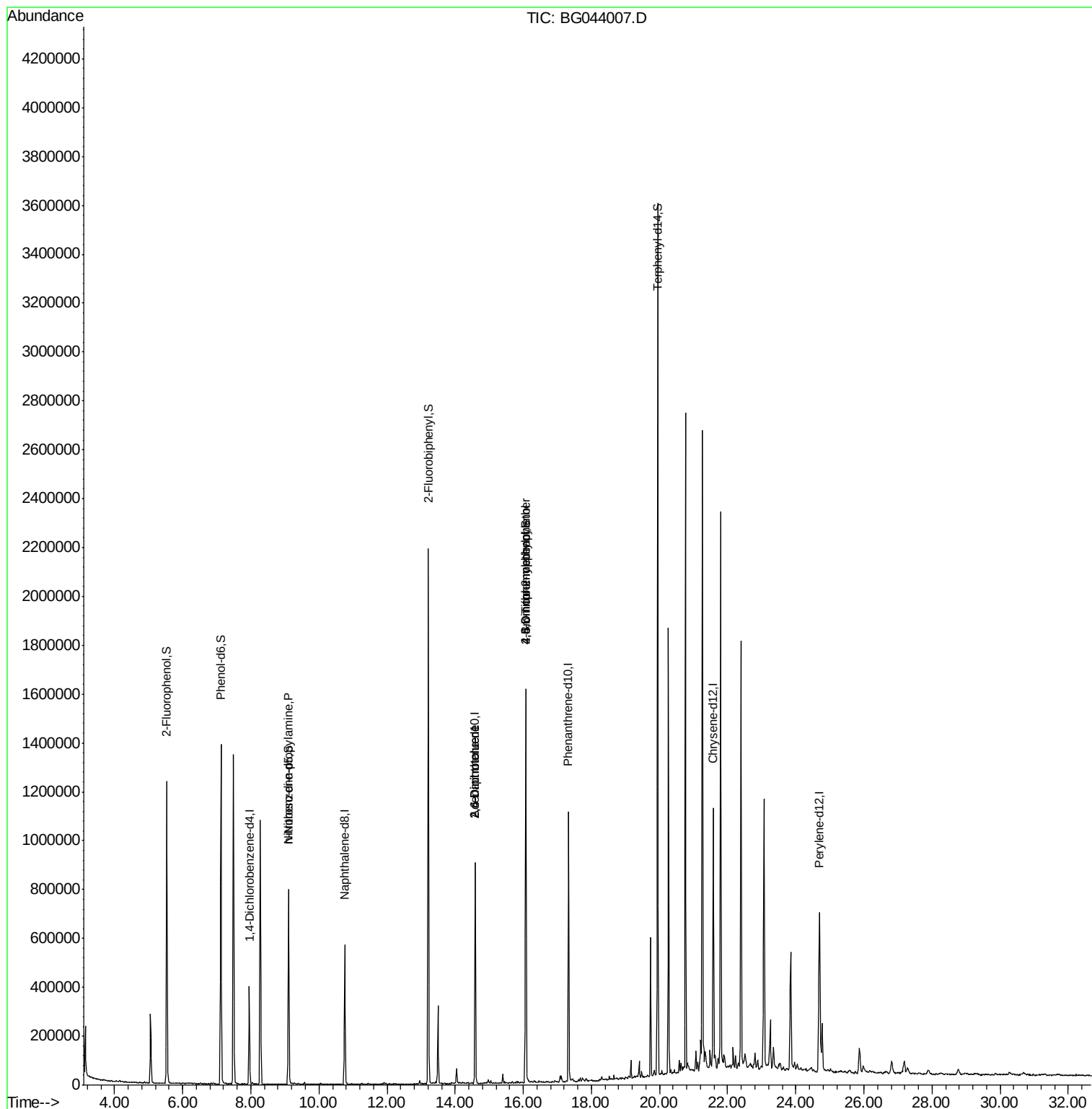
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.11	70	67516	10.072	ng	# 76
51) 2,6-Dinitrotoluene	14.59	165	43828	8.252	ng	# 26
57) 2,4-Dinitrotoluene	14.59	165	43828	6.065	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	888	4.617	ng	# 1
67) 4-Bromophenyl-phenylether	16.07	248	21055	2.719	ng	# 1

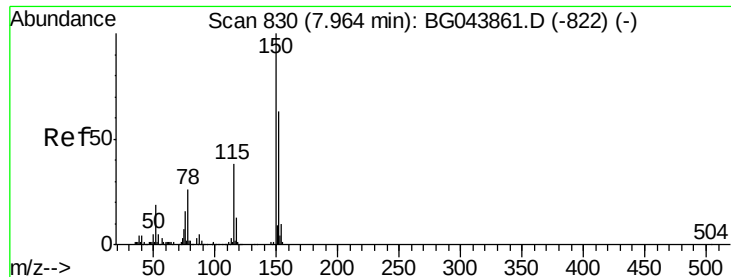
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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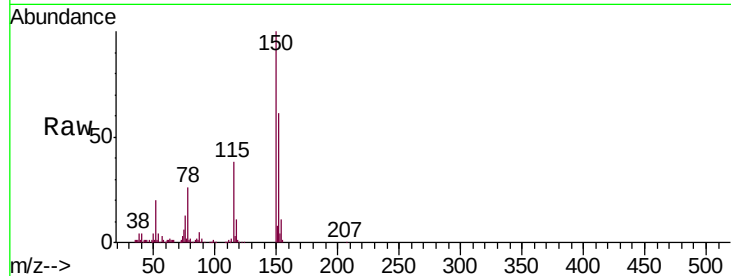


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 OB1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.9	127.0	190.4
115	61.9	47.8	71.8

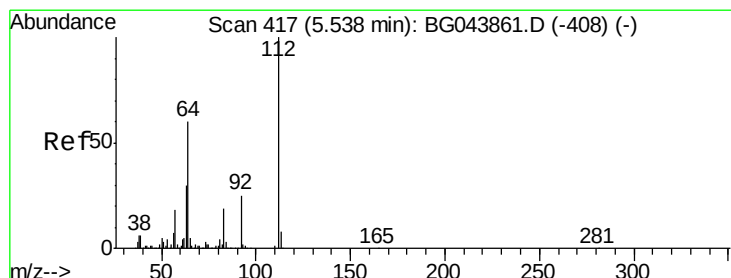
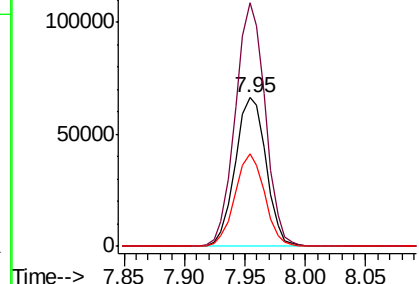
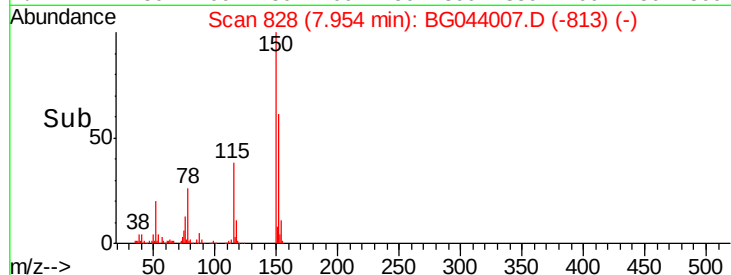


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

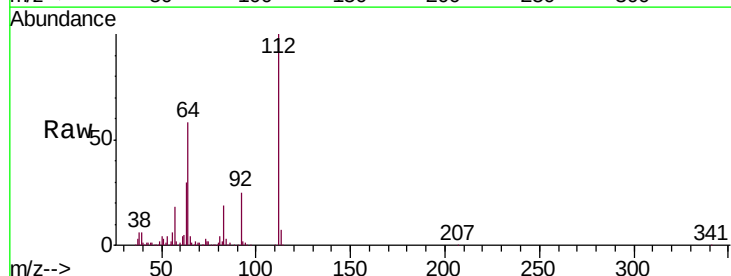
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 93.607 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.8	71.6
63	30.3	24.3	36.5

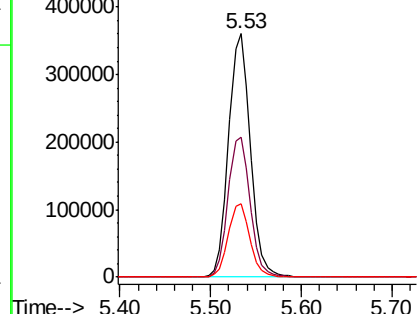
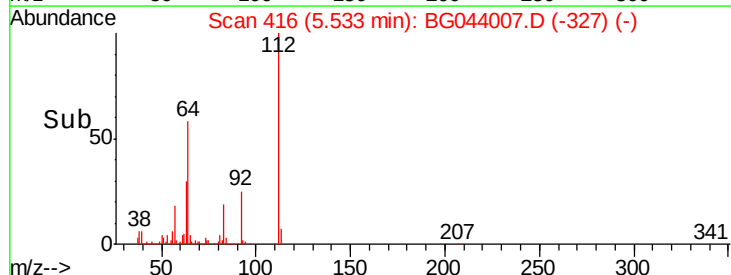


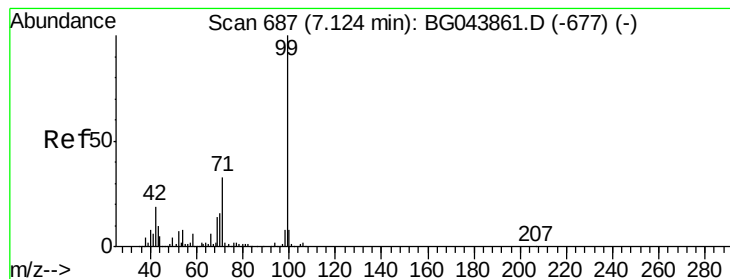
Abundance

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: 97.282 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

Instrument :

BNA_G

ClientSampleId :

OB1

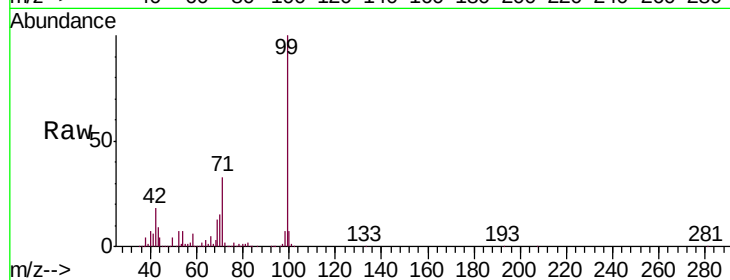
Tgt Ion: 99 Resp: 875667

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

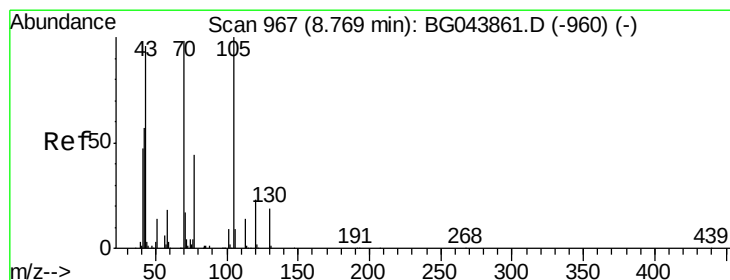
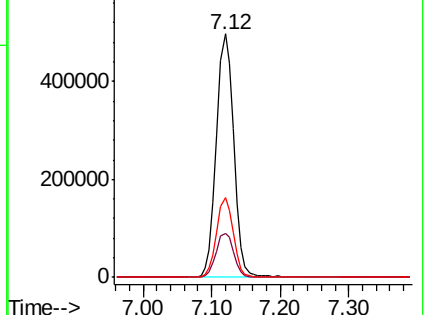
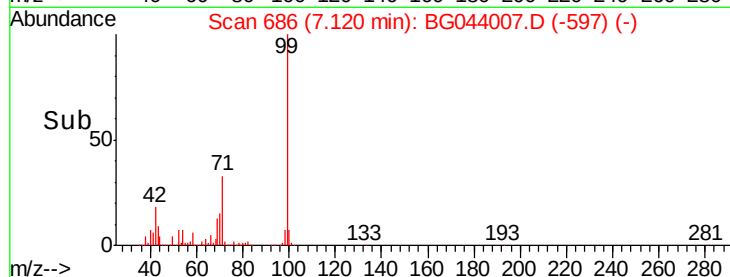
71 32.8 26.4 39.6



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: 10.072 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.34 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

Tgt Ion: 70 Resp: 67516

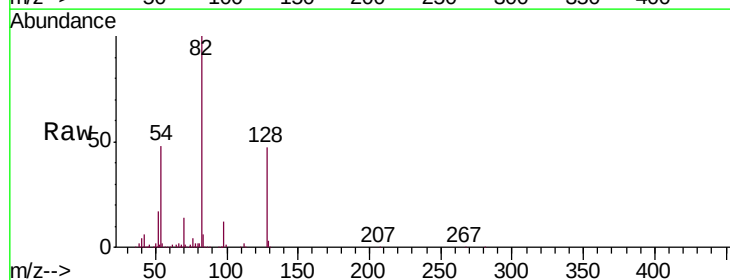
Ion Ratio Lower Upper

70 100

42 44.9 47.0 70.4#

101 0.0 7.2 10.8#

130 2.1 15.6 23.4#

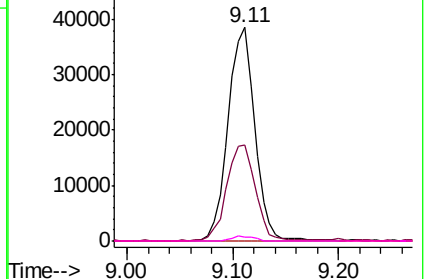
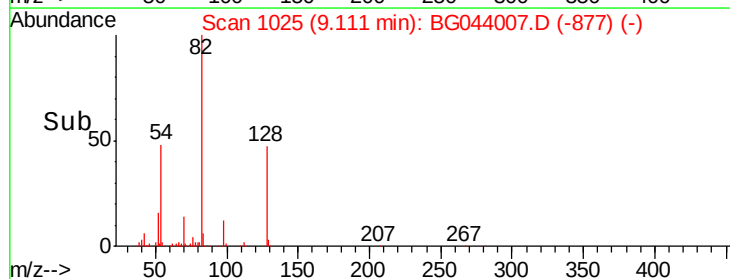


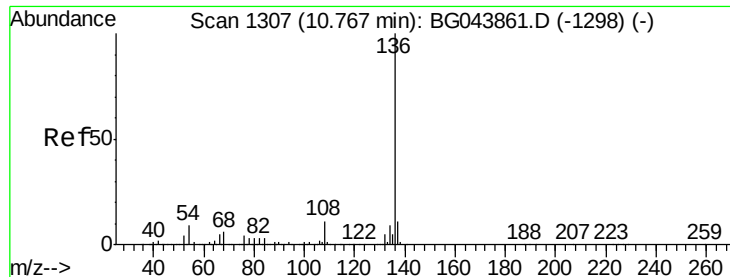
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

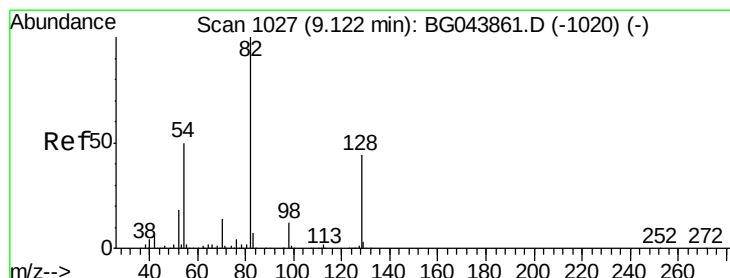
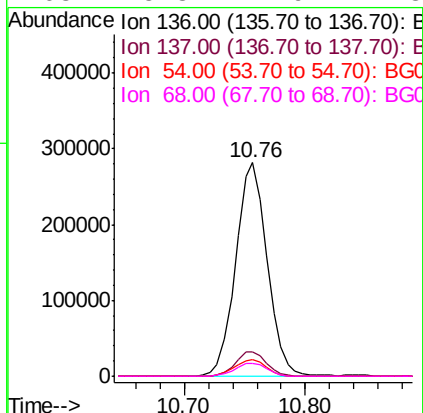
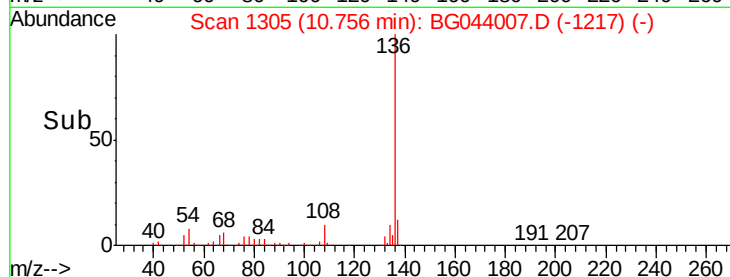
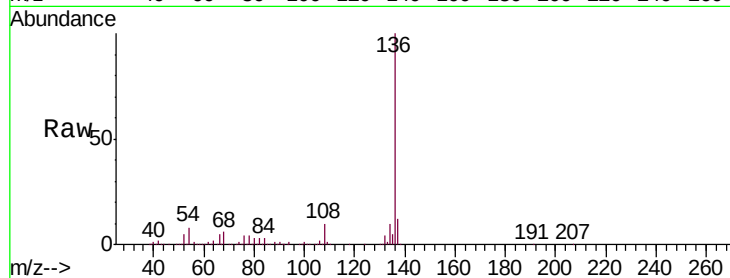




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

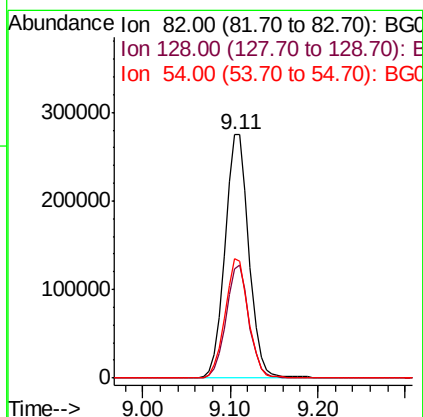
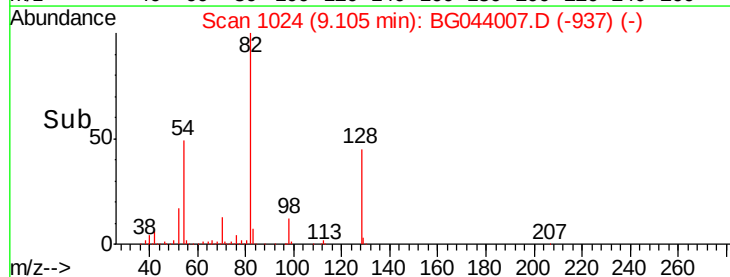
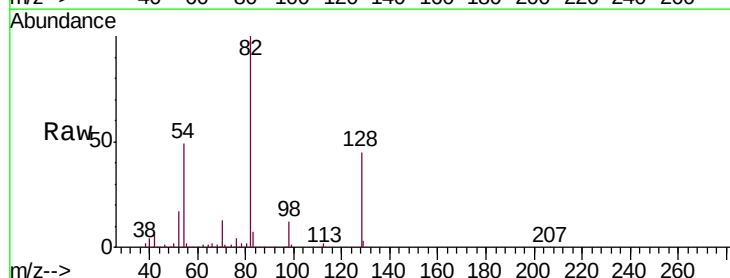
Instrument :
BNA_G
ClientSampleId :
OB1

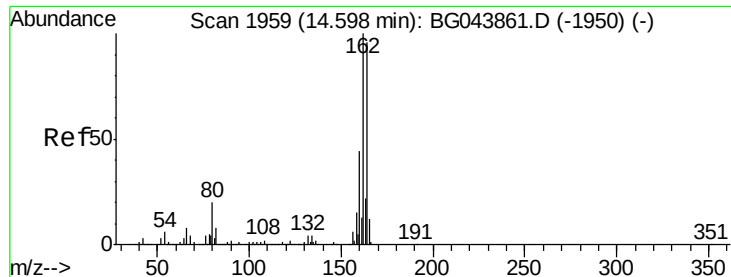
Tgt Ion:	136	Resp:	511757
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.6	7.0	10.4
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 53.838 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

Tgt Ion:	82	Resp:	515026
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	49.0	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

Instrument :

BNA_G

ClientSampleId :

OB1

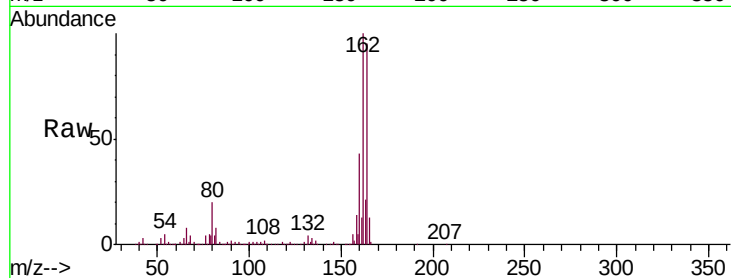
Tgt Ion:164 Resp: 330940

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.4

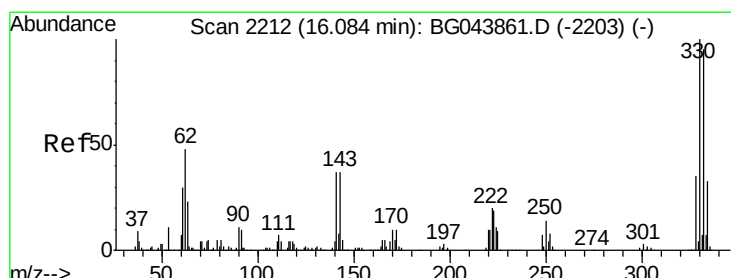
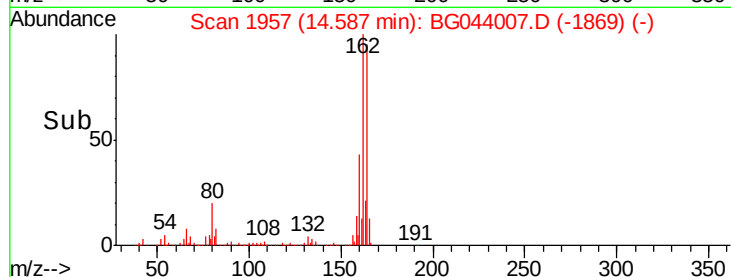
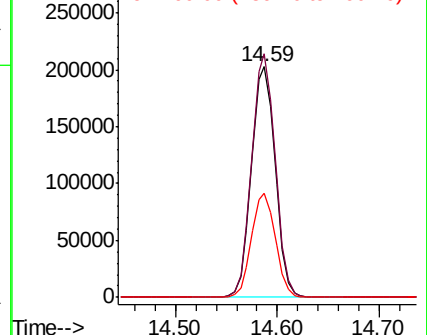
160 45.2 36.1 54.1



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: 89.081 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

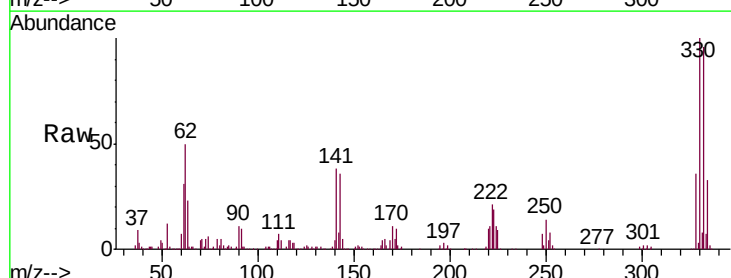
Tgt Ion:330 Resp: 308508

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

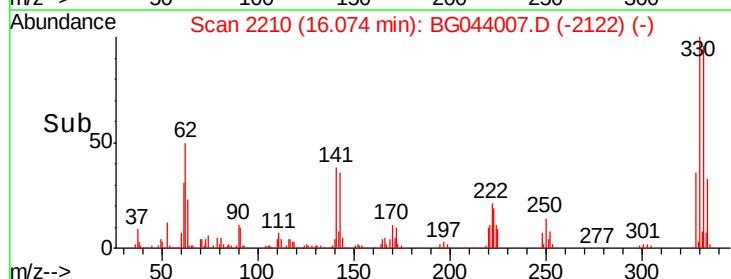
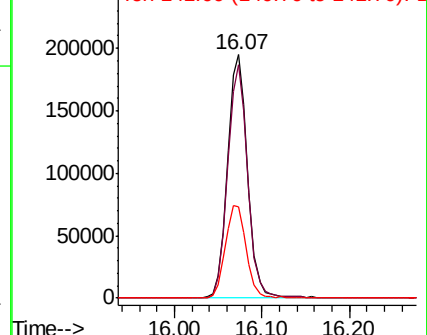
141 39.8 33.1 49.7

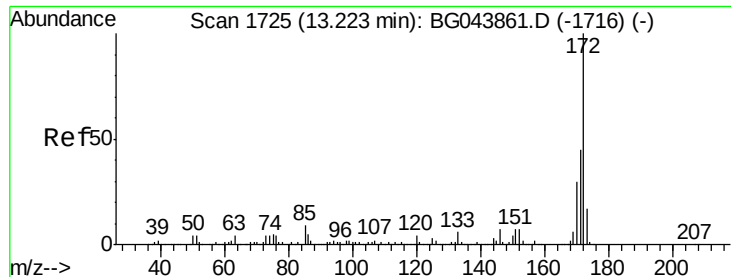


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

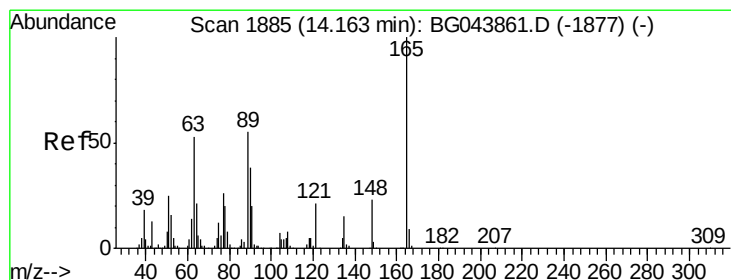
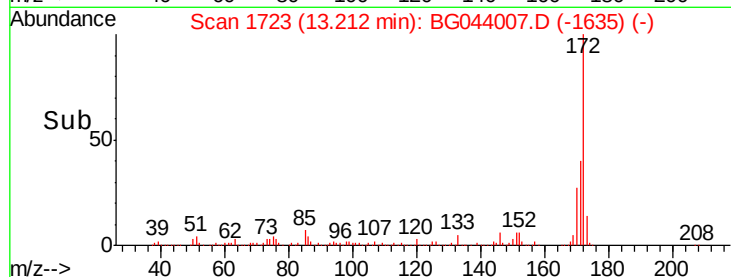
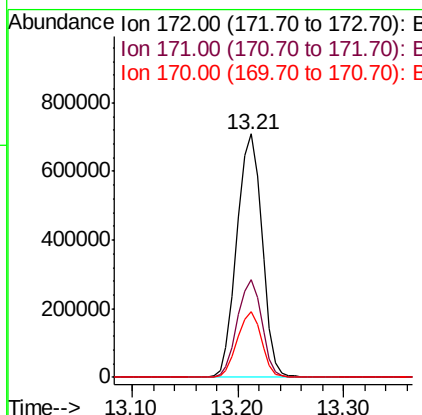
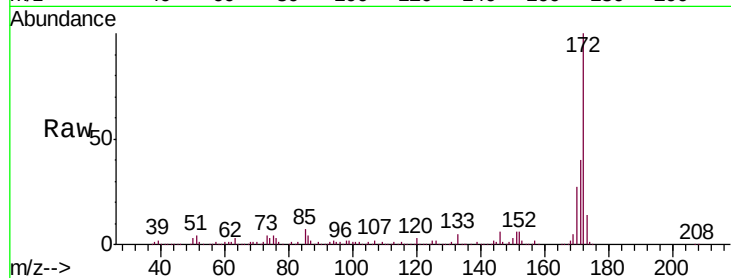




#45
 2-Fluorobiphenyl
 Concen: 64.030 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

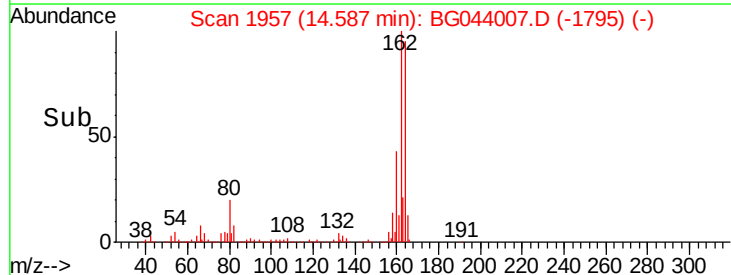
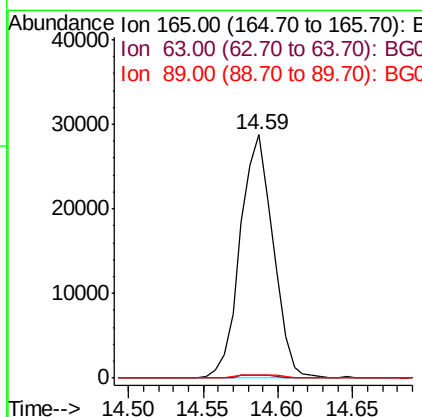
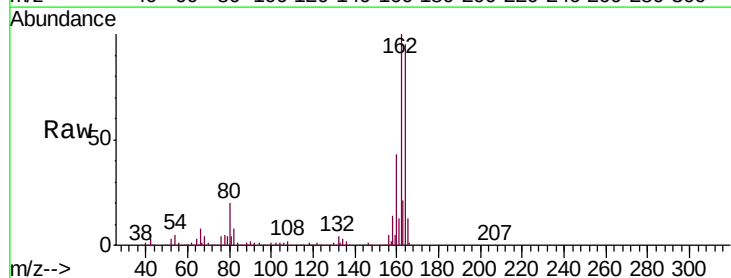
Instrument :
 BNA_G
 ClientSampleId :
 OB1

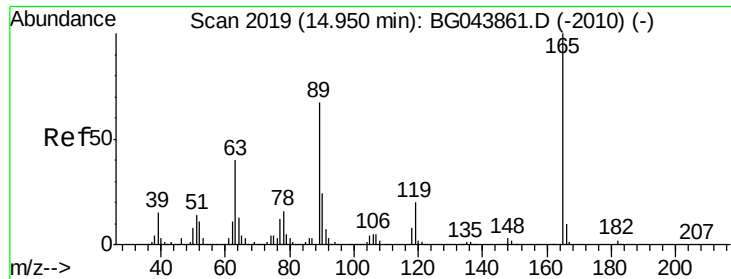
Tgt Ion:172 Resp: 1169572
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.8 53.8
 170 26.9 24.2 36.4



#51
 2,6-Dinitrotoluene
 Concen: 8.252 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. 0.42 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Tgt Ion:165 Resp: 43828
 Ion Ratio Lower Upper
 165 100
 63 1.1 43.1 64.7#
 89 1.3 43.8 65.6#

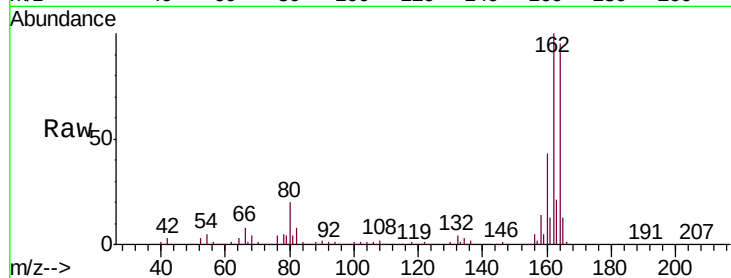




#57
2,4-Dinitrotoluene
Concen: 6.065 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.36 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

Instrument :
BNA_G
ClientSampleId :
OB1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#

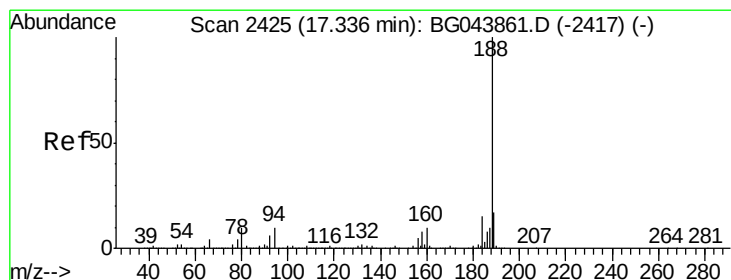
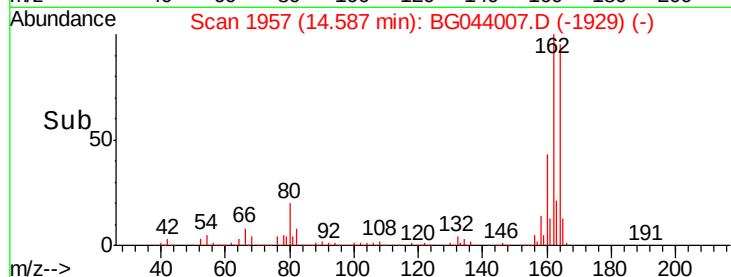
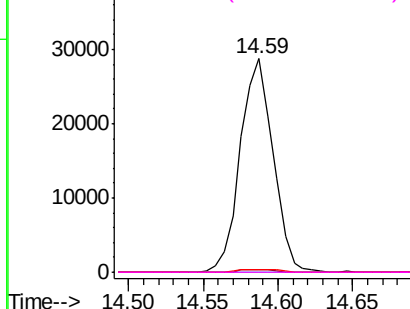


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

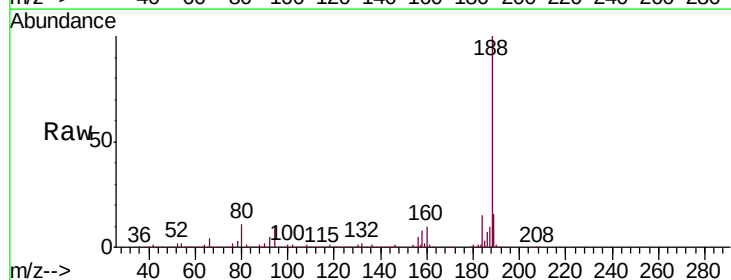
Ion 89.00 (88.70 to 89.70): BGC

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: BG044007.D
Acq: 10 Jan 2020 18:41

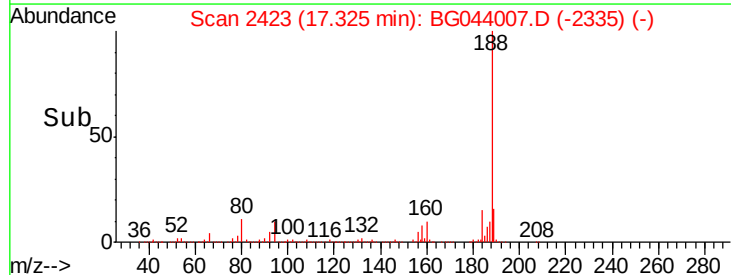
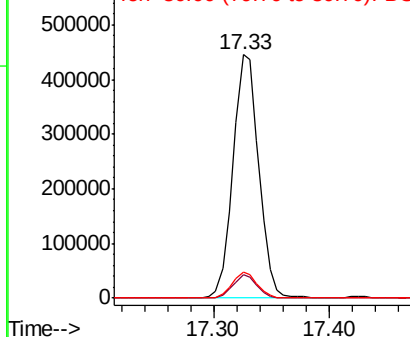
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.8	8.2	12.4

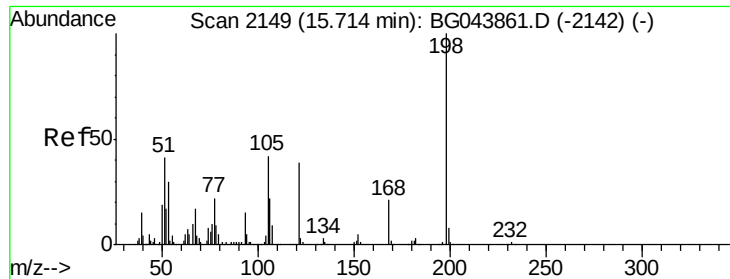


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

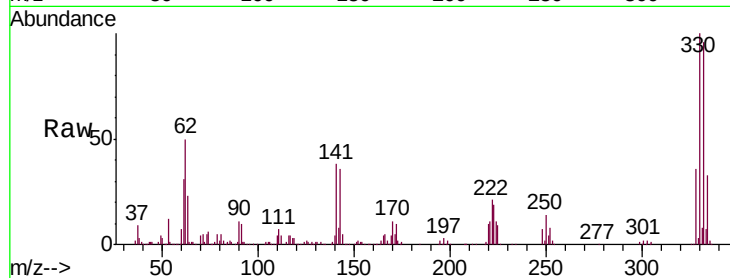




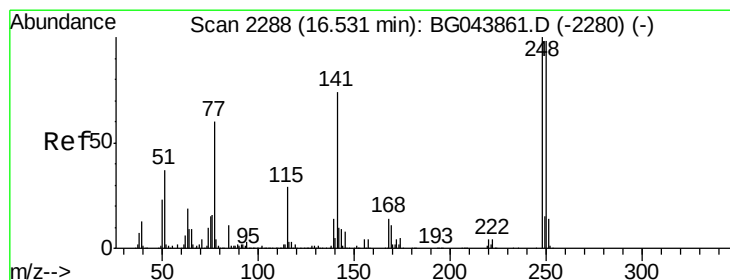
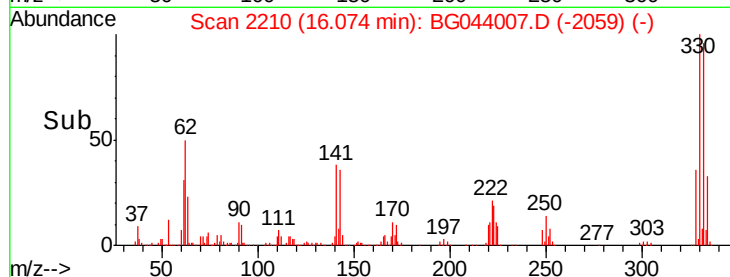
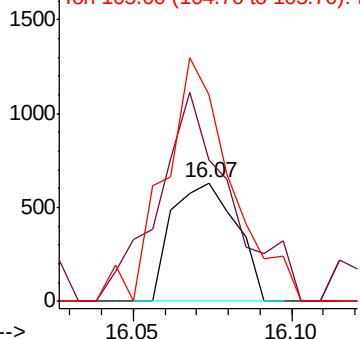
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.617 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. 0.36 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 OB1

Tgt Ion:198 Resp: 888
 Ion Ratio Lower Upper
 198 100
 51 119.3 22.5 62.5#
 105 173.9 22.3 62.3#

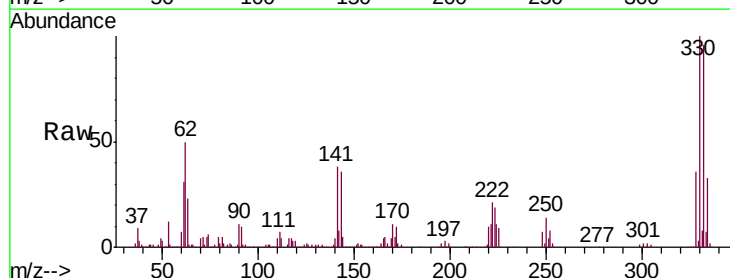


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG043861.D (-2142) (-)
 Ion 105.00 (104.70 to 105.70): E

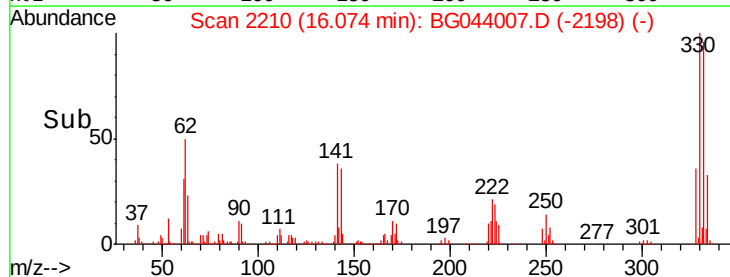
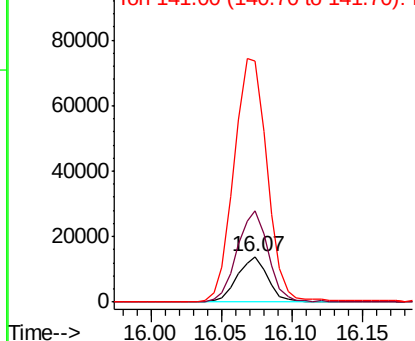


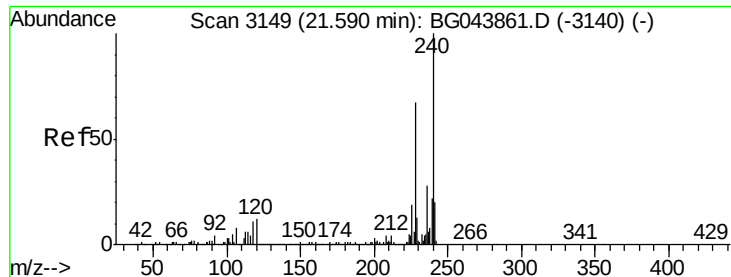
#67
 4-Bromophenyl-phenylether
 Concen: 2.719 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.46 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Tgt Ion:248 Resp: 21055
 Ion Ratio Lower Upper
 248 100
 250 199.9 78.2 117.2#
 141 525.2 59.3 88.9#



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

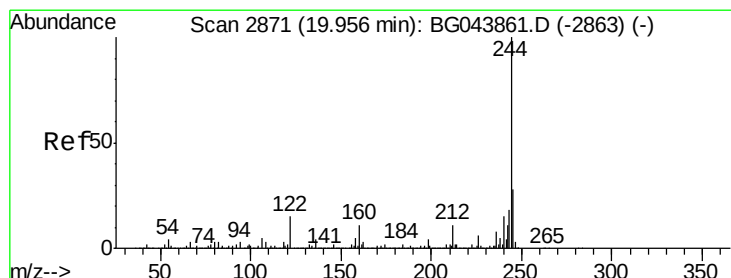
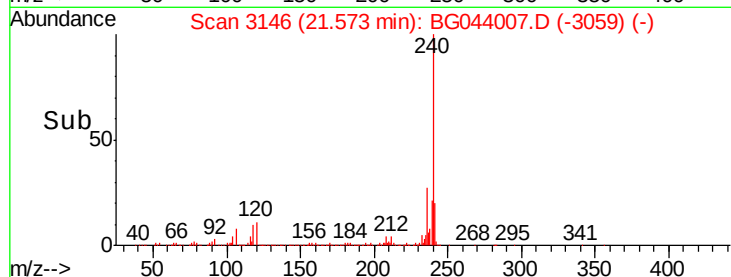
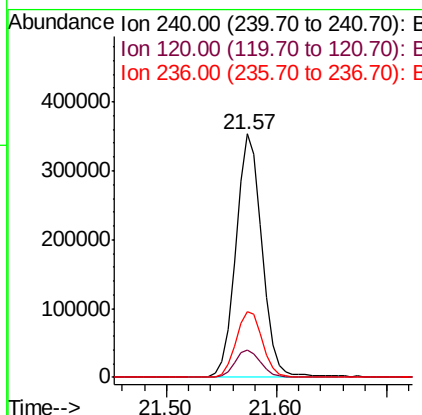
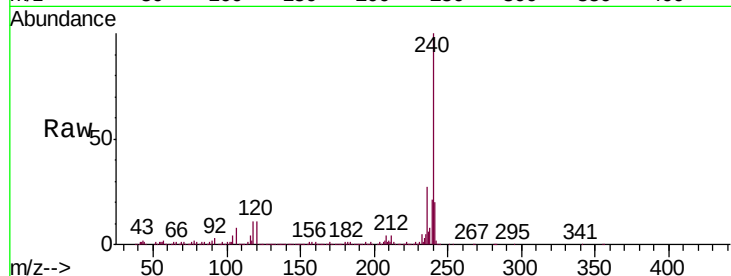




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

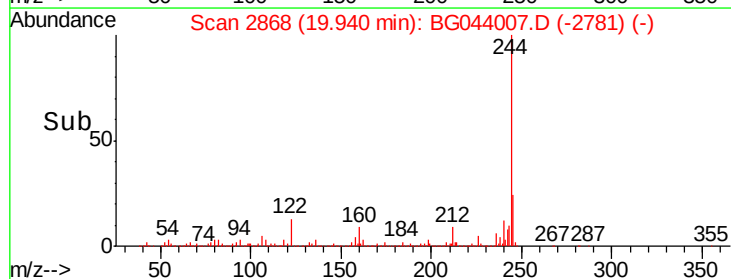
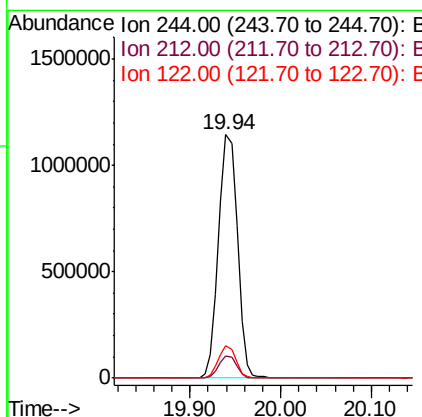
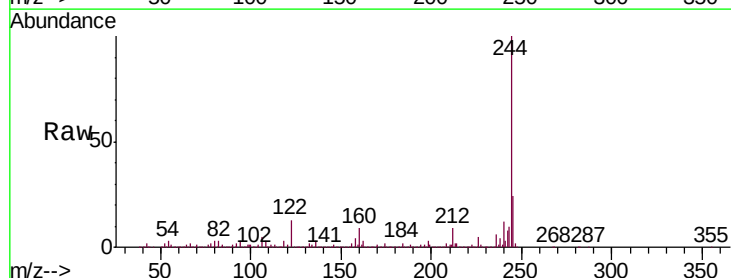
Instrument :
 BNA_G
 ClientSampleId :
 OB1

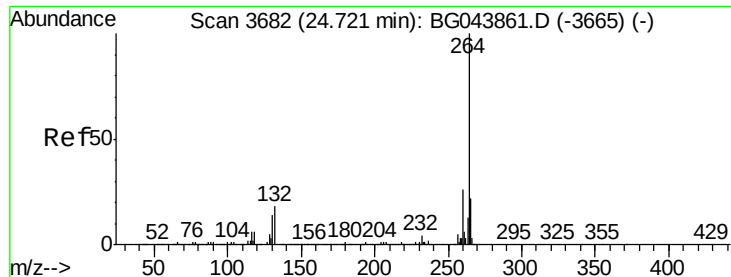
Tgt Ion:240 Resp: 586480
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.6 14.4
 236 26.7 22.2 33.2



#79
 Terphenyl-d14
 Concen: 63.678 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Tgt Ion:244 Resp: 1664684
 Ion Ratio Lower Upper
 244 100
 212 9.2 8.6 13.0
 122 13.5 11.9 17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

Instrument :
BNA_G
ClientSampleId :
OB1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	22.7	17.4	26.2

