

Data File : BG044190.D
Acq On : 24 Jan 2020 20:23
Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7-6-COMP

Quant Time: Jan 25 05:38:53 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

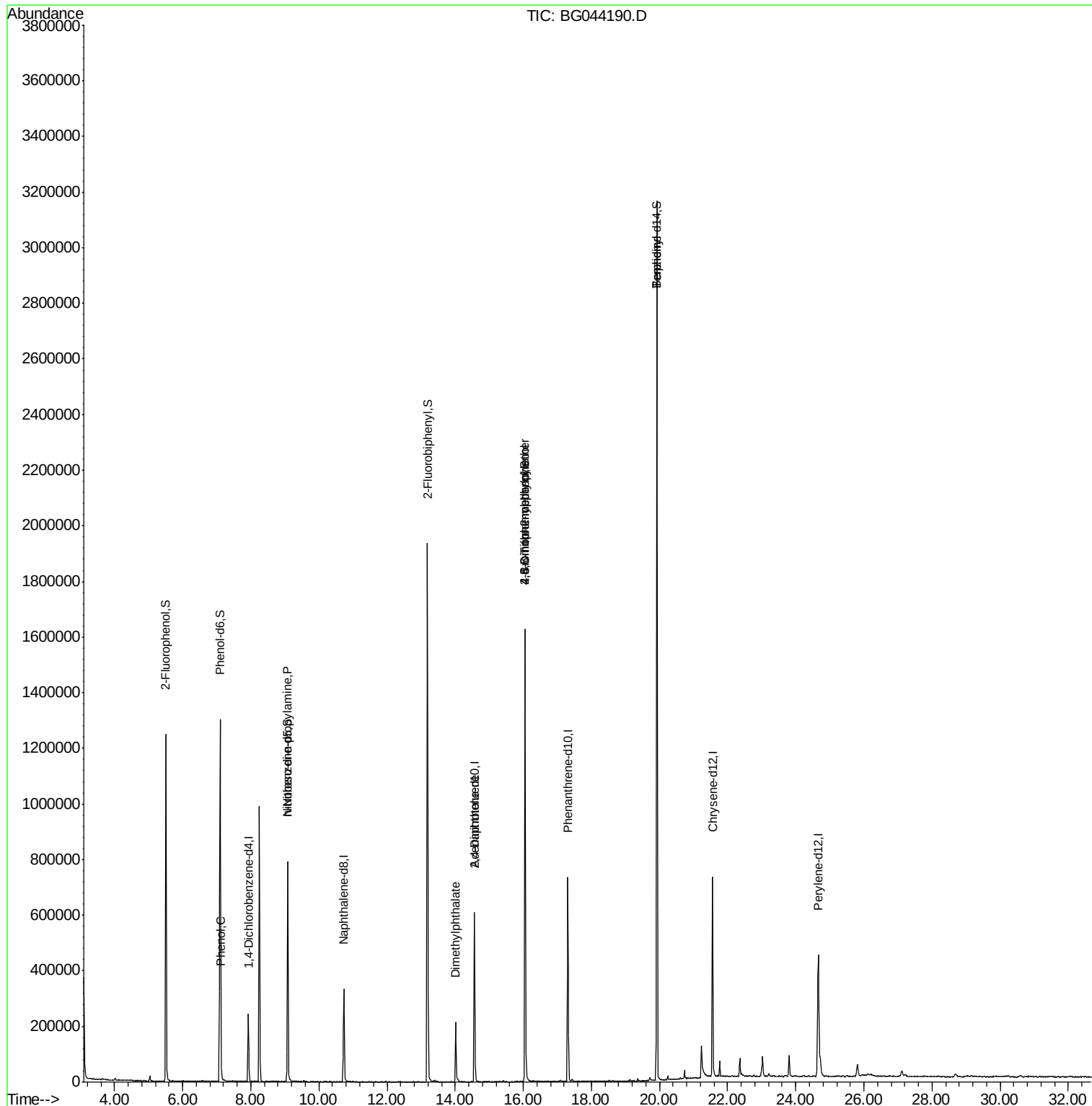
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73417	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	328501	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	227888	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	490872	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	421970	20.00	ng	-0.04
87) Perylene-d12	24.66	264	470123	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	608615	152.21	ng	-0.03
7) Phenol-d6	7.10	99	823739	147.38	ng	-0.03
23) Nitrobenzene-d5	9.08	82	508422	82.80	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	309830	129.92	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1089762	86.64	ng	-0.03
79) Terphenyl-d14	19.92	244	1493329	85.44	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	33801	5.870	ng	96
19) n-Nitroso-di-n-propylamine	9.08	70	66352	15.941	ng	# 79
50) Dimethylphthalate	14.02	163	184818	11.422	ng	# 95
57) 2,4-Dinitrotoluene	14.57	165	30155	6.060	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.05	198	804	4.679	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	21444	3.884	ng	# 1
77) Benizidine	19.92	184	23960	2.259	ng	# 92

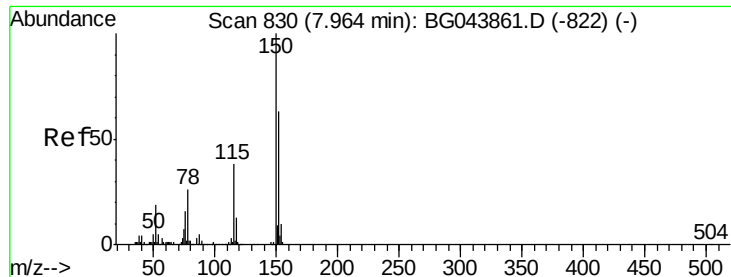
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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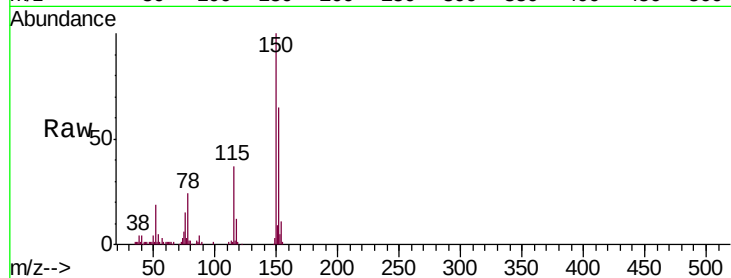


#1

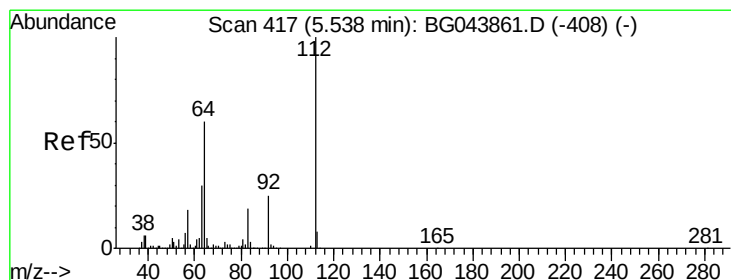
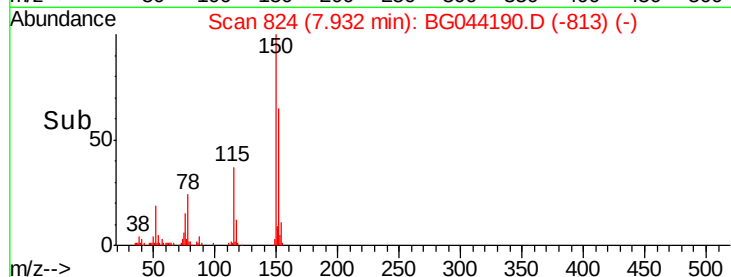
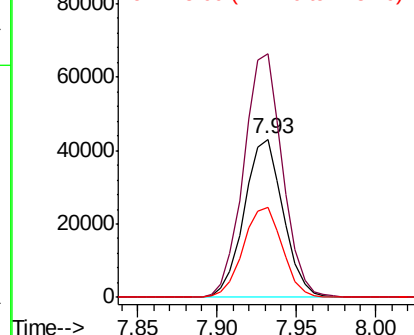
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Instrument :
BNA_G
ClientSampleId :
TP-7-6-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.0	190.4
115	56.8	47.8	71.8



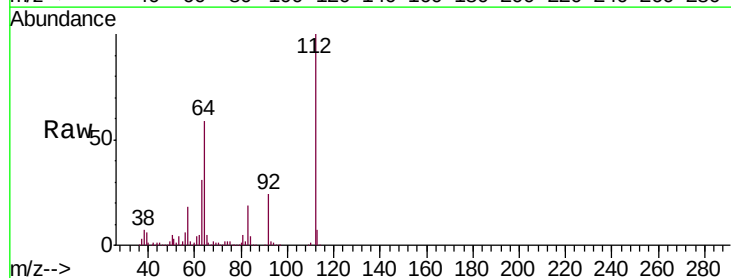
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



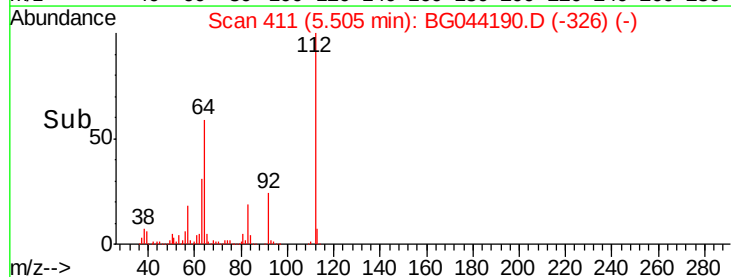
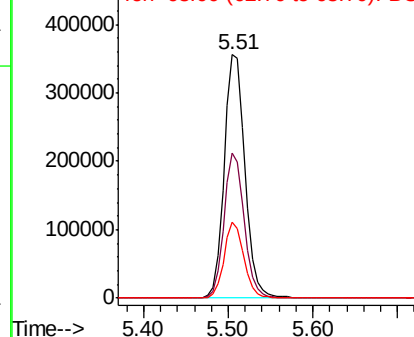
#5

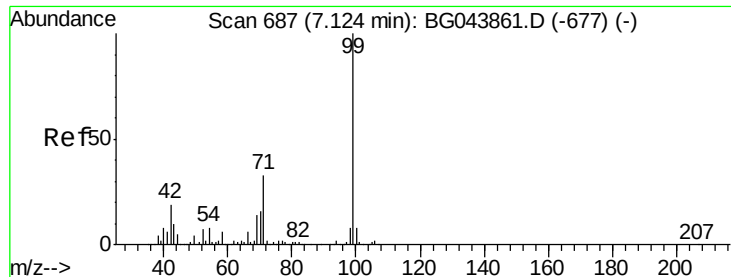
2-Fluorophenol
Concen: 152.211 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.8	71.6
63	31.0	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: 147.382 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-7-6-COMP

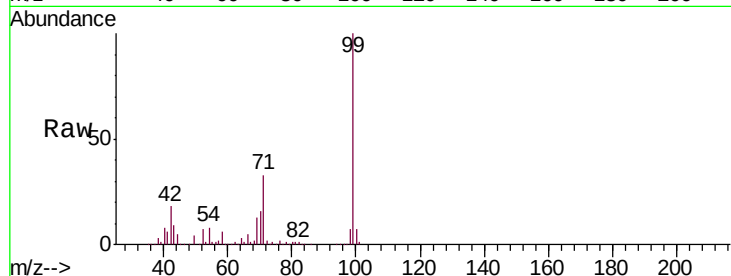
Tgt Ion: 99 Resp: 823739

Ion Ratio Lower Upper

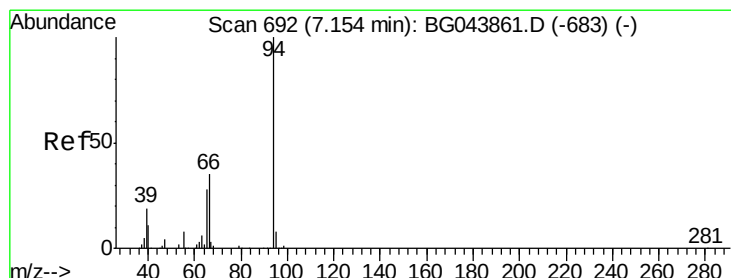
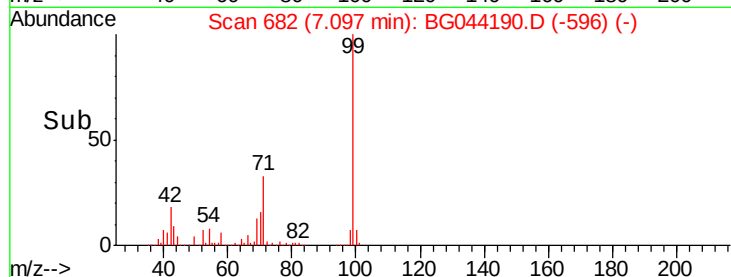
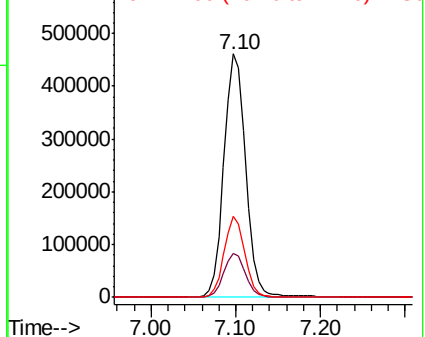
99 100

42 18.3 14.9 22.3

71 33.2 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



#10

Phenol

Concen: 5.870 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

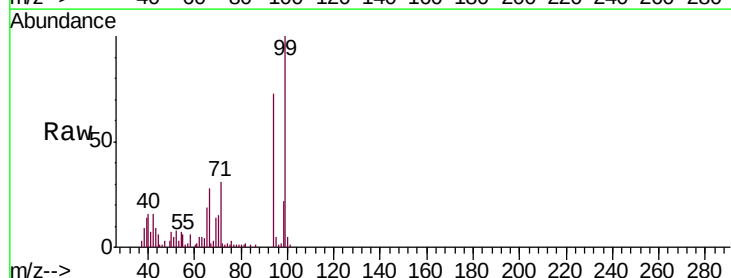
Tgt Ion: 94 Resp: 33801

Ion Ratio Lower Upper

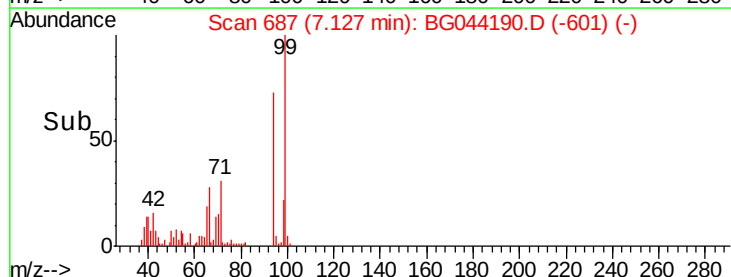
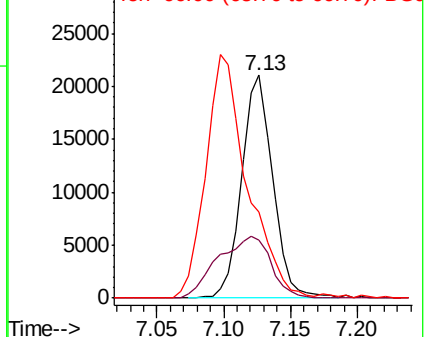
94 100

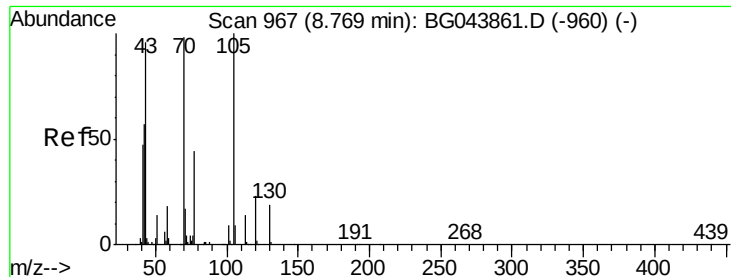
65 26.2 8.1 48.1

66 38.5 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

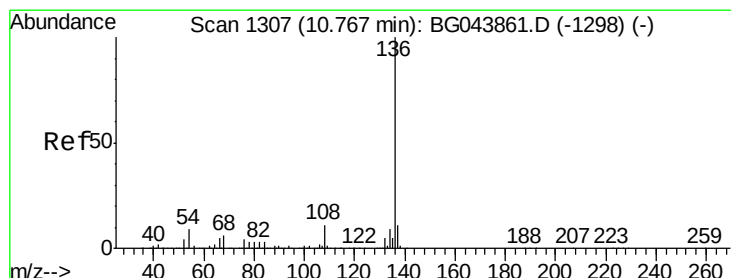
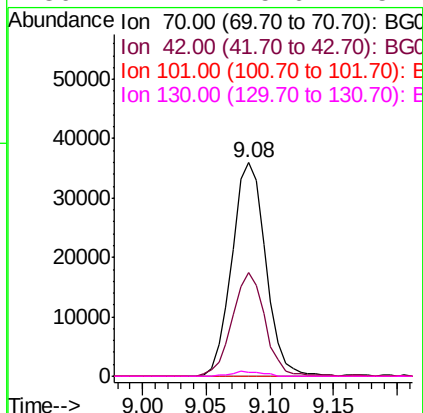
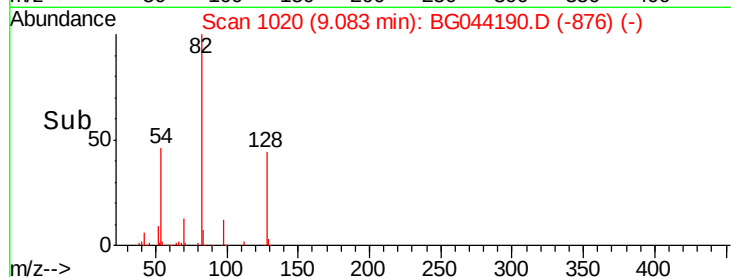
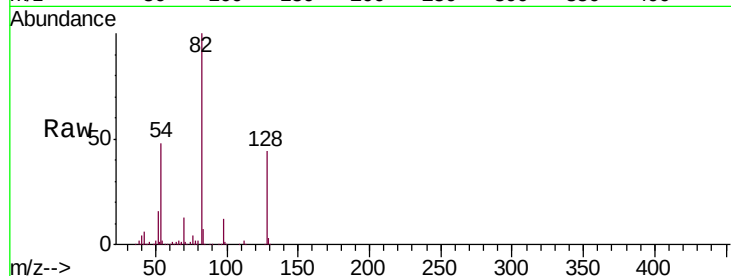




#19
n-Nitroso-di-n-propylamine
Concen: 15.941 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

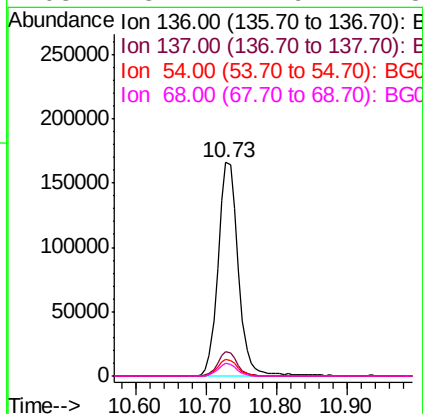
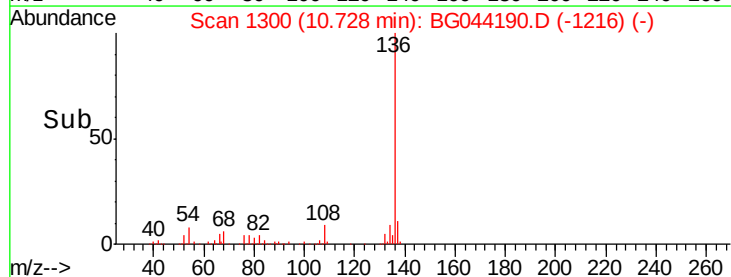
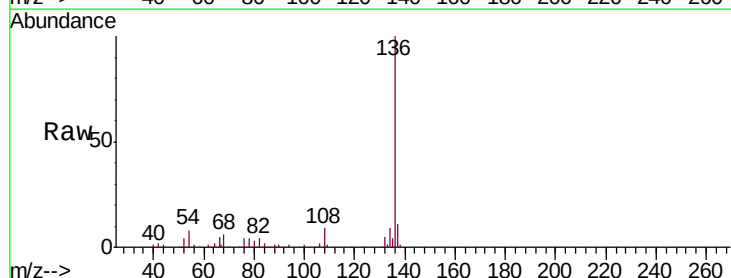
Instrument :
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TP-7-6-COMP

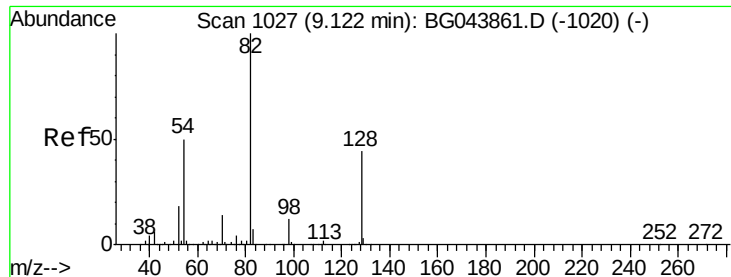
Tgt Ion: 70 Resp: 66352
Ion Ratio Lower Upper
70 100
42 48.3 47.0 70.4
101 0.0 7.2 10.8#
130 1.7 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Tgt Ion: 136 Resp: 328501
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 7.0 10.4
68 5.7 4.9 7.3

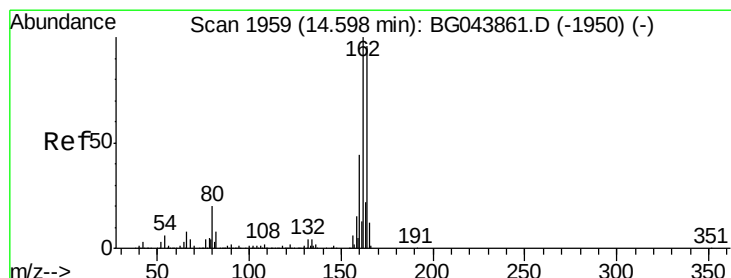
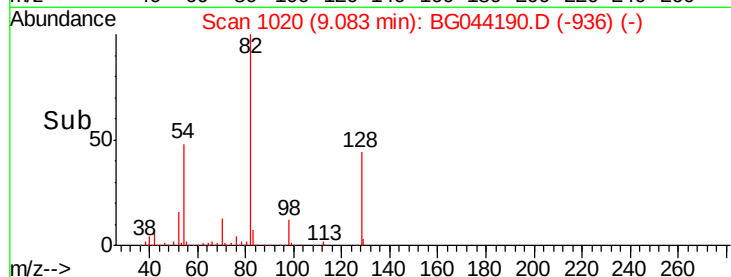
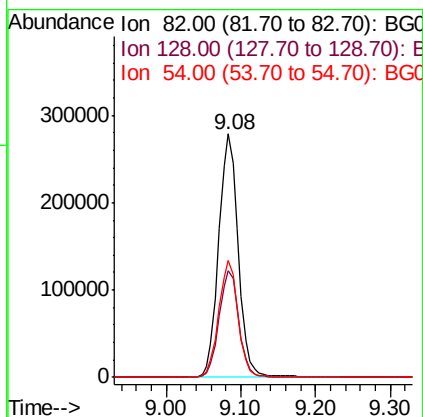
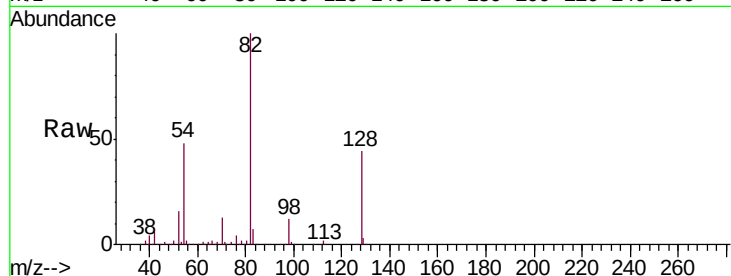




#23
 Nitrobenzene-d5
 Concen: 82.796 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

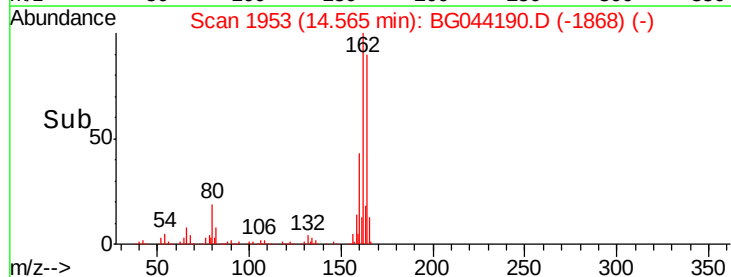
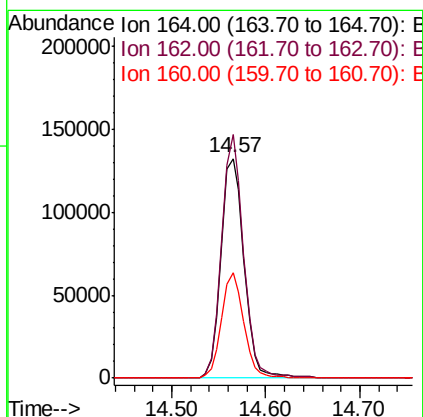
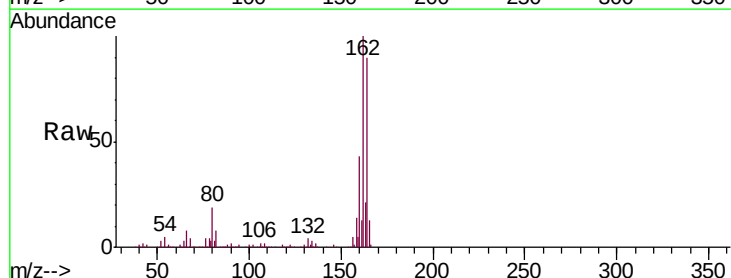
Instrument :
 BNA_G
 ClientSampleId :
 TP-7-6-COMP

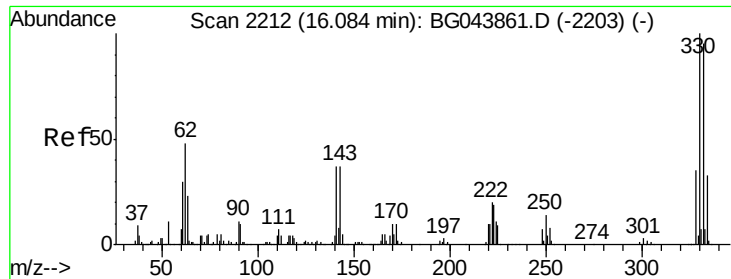
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.1	52.7
54	47.9	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.8	83.0	124.4
160	47.9	36.1	54.1

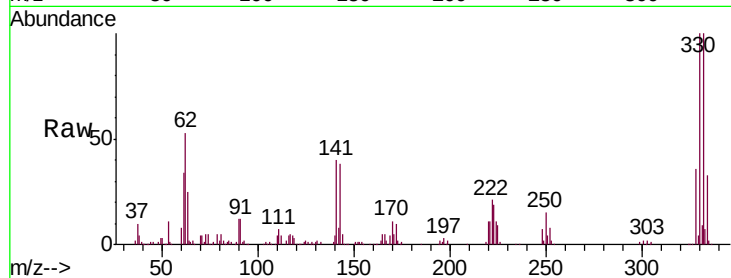




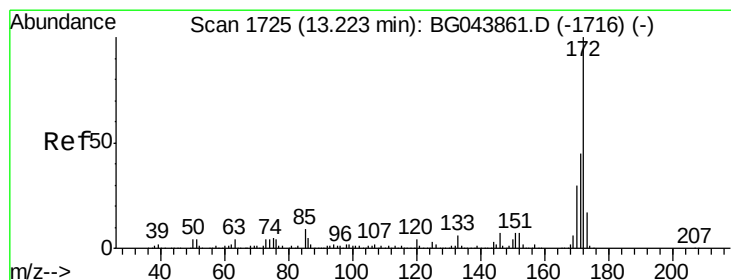
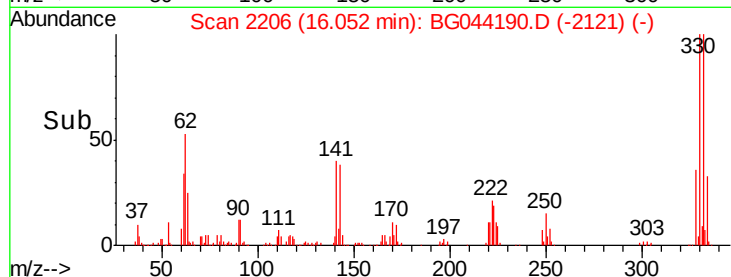
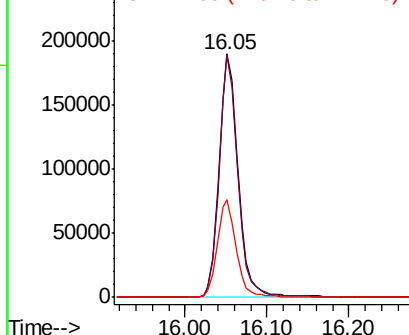
#42
 2,4,6-Tribromophenol
 Concen: 129.919 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.03 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-6-COMP

Tgt Ion:330 Resp: 309830
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 39.8 33.1 49.7

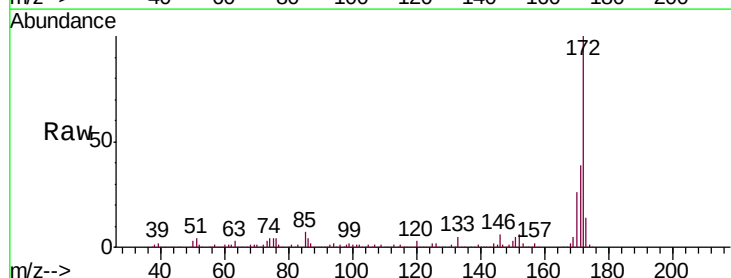


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

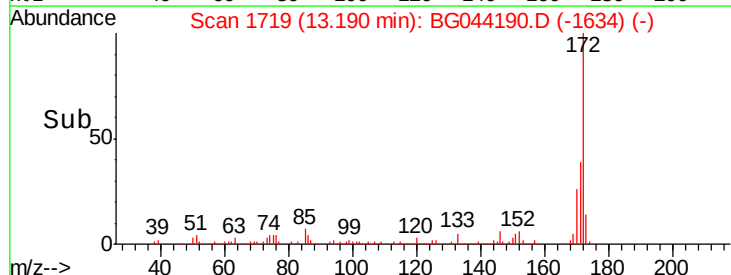
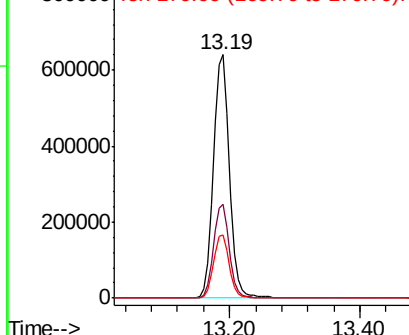


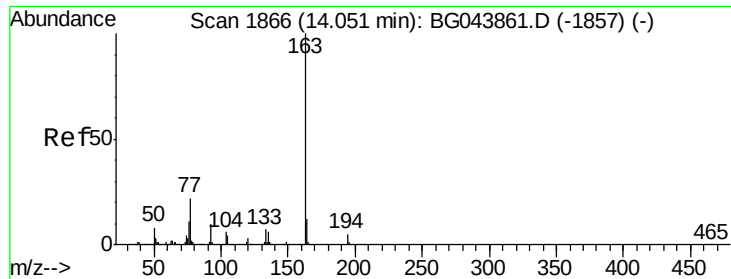
#45
 2-Fluorobiphenyl
 Concen: 86.639 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

Tgt Ion:172 Resp: 1089762
 Ion Ratio Lower Upper
 172 100
 171 38.7 35.8 53.8
 170 26.1 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.422 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-7-6-COMP

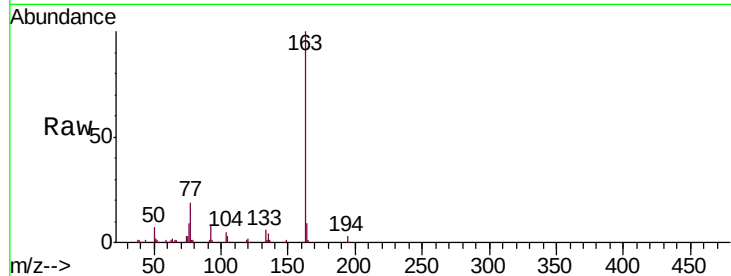
Tgt Ion:163 Resp: 184818

Ion Ratio Lower Upper

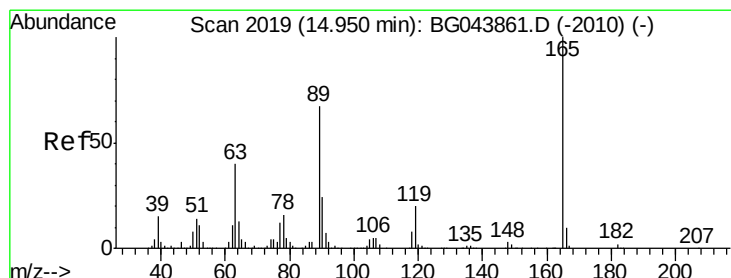
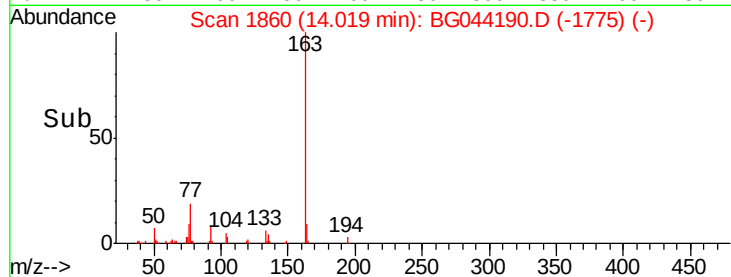
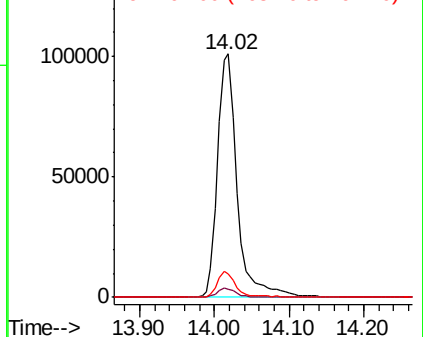
163 100

194 3.4 3.7 5.5#

164 9.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.060 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

Tgt Ion:165 Resp: 30155

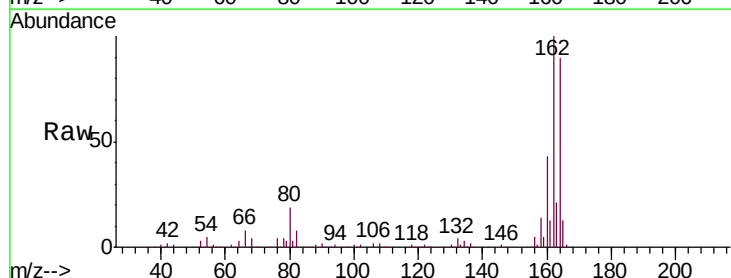
Ion Ratio Lower Upper

165 100

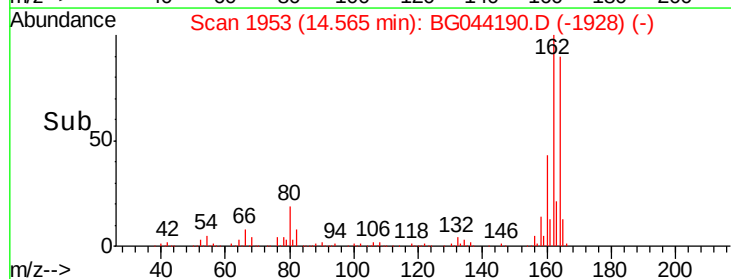
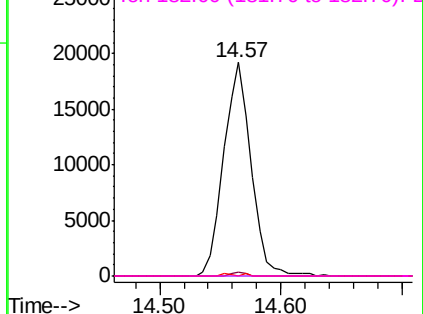
63 1.6 31.9 47.9#

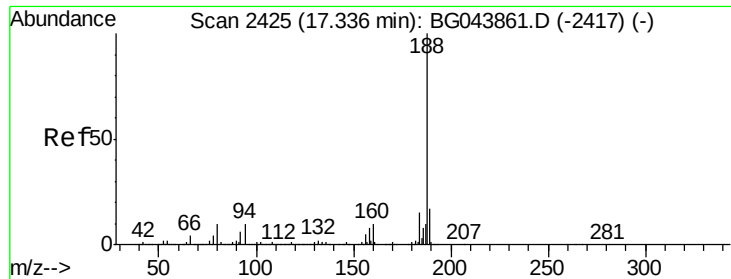
89 0.0 53.8 80.6#

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

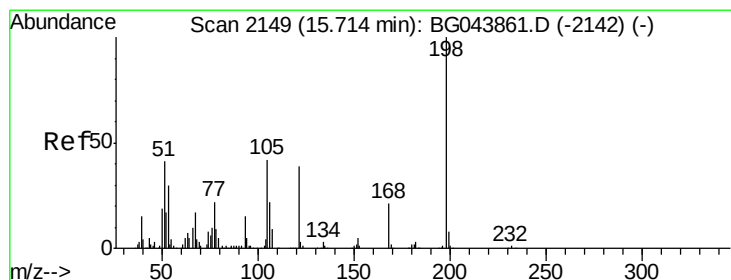
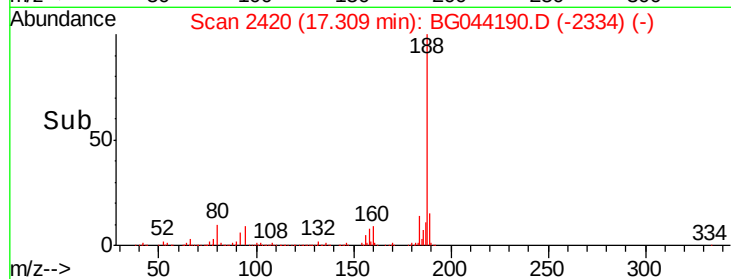
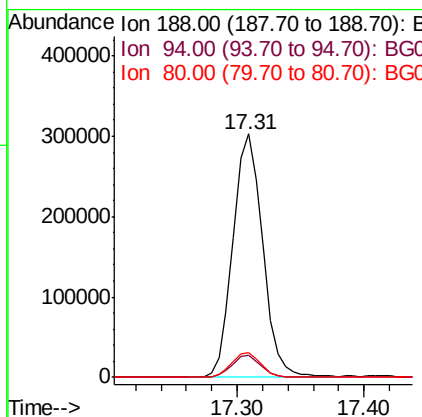
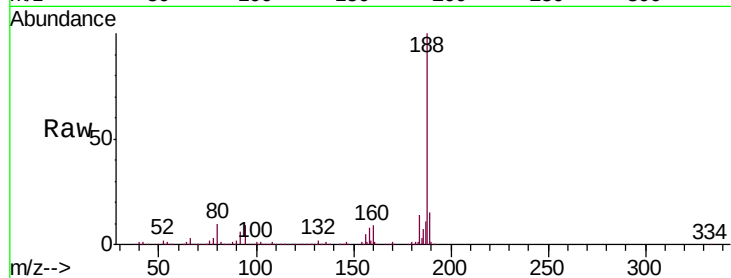




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. -0.03 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

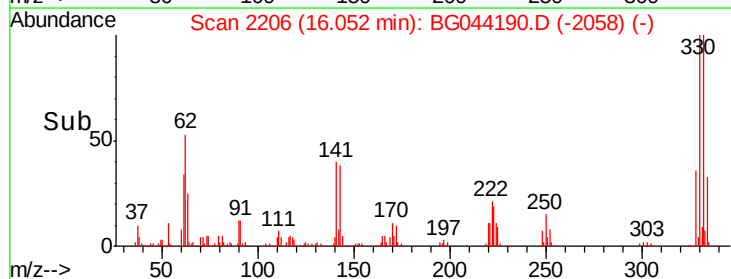
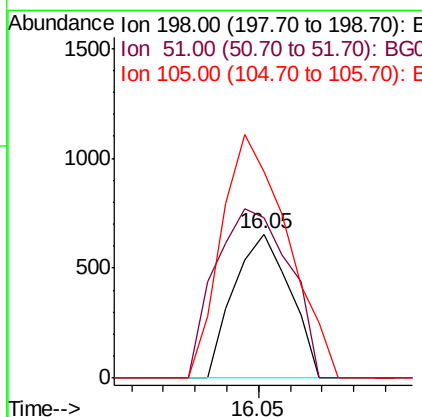
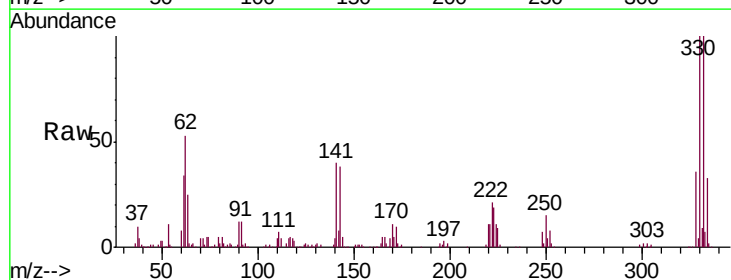
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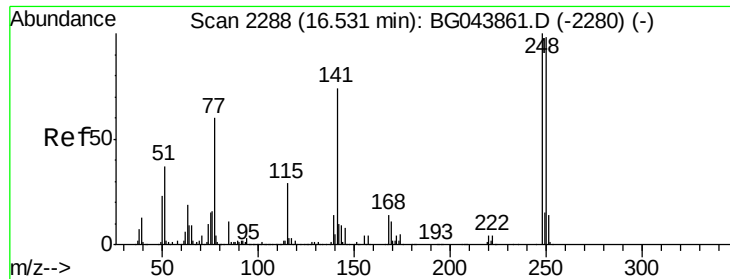
Tgt Ion:188 Resp: 490872
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.9 11.9
 80 10.3 8.2 12.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.679 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.34 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

Tgt Ion:198 Resp: 804
 Ion Ratio Lower Upper
 198 100
 51 111.5 22.5 62.5#
 105 143.3 22.3 62.3#

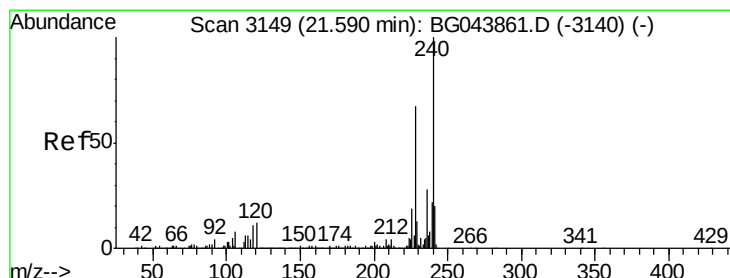
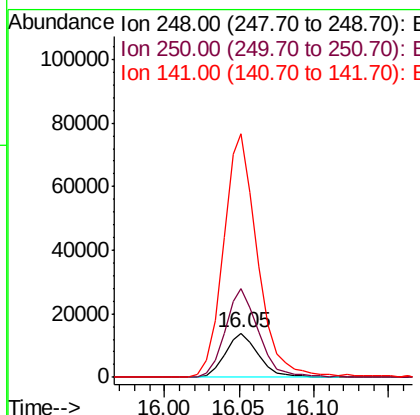
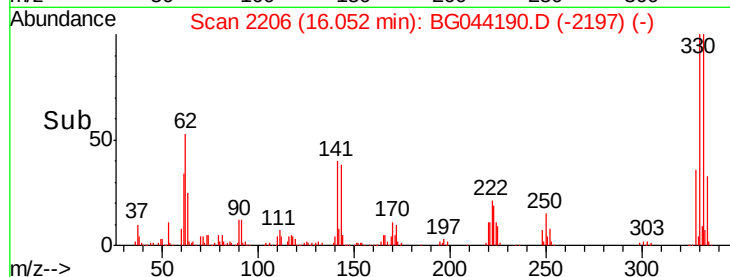
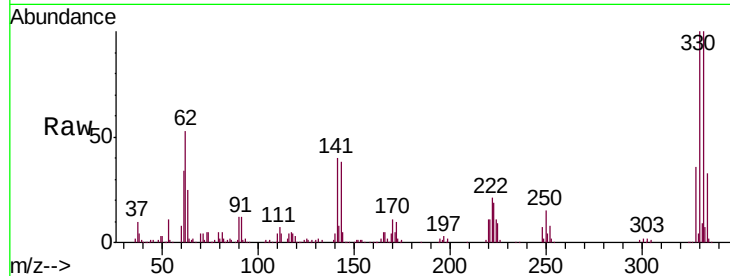




#67
 4-Bromophenyl-phenylether
 Concen: 3.884 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.48 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

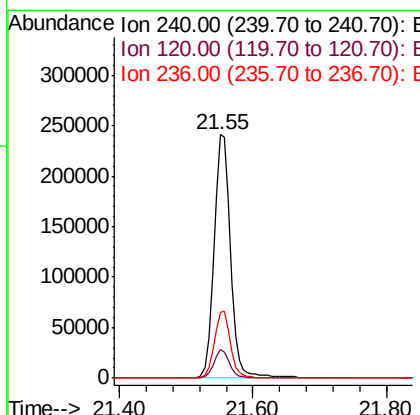
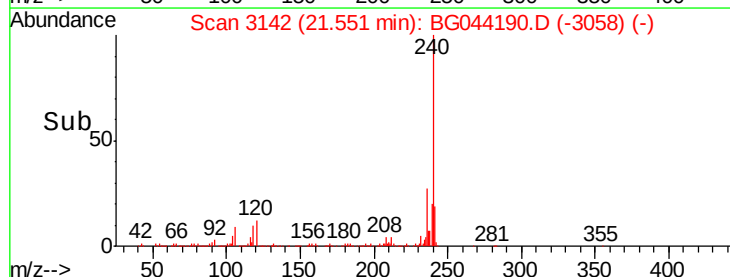
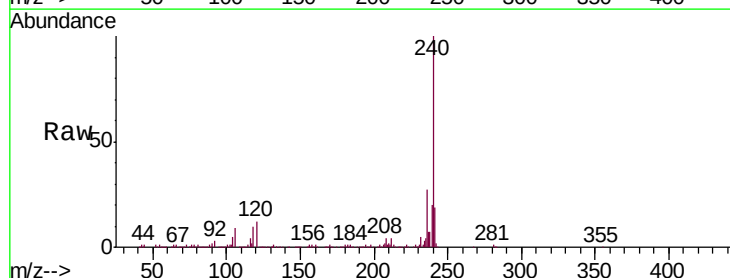
Instrument :
 BNA_G
 ClientSampleId :
 TP-7-6-COMP

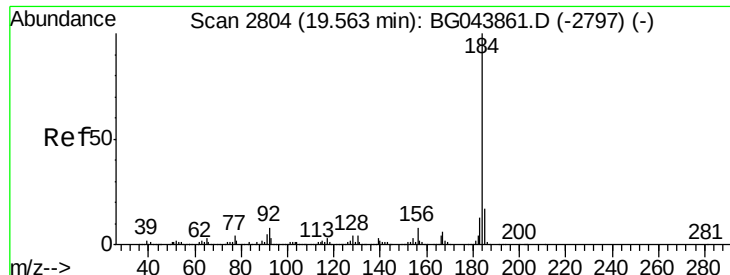
Tgt Ion:248 Resp: 21444
 Ion Ratio Lower Upper
 248 100
 250 201.2 78.2 117.2#
 141 550.9 59.3 88.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.04 min
 Lab File: BG044190.D
 Acq: 24 Jan 2020 20:23

Tgt Ion:240 Resp: 421970
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.6 14.4
 236 27.0 22.2 33.2





#77

Benzidine

Concen: 2.259 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.36 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-7-6-COMP

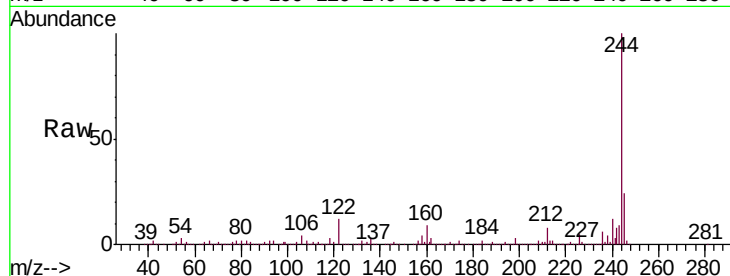
Tgt Ion:184 Resp: 23960

Ion Ratio Lower Upper

184 100

185 17.5 13.4 20.0

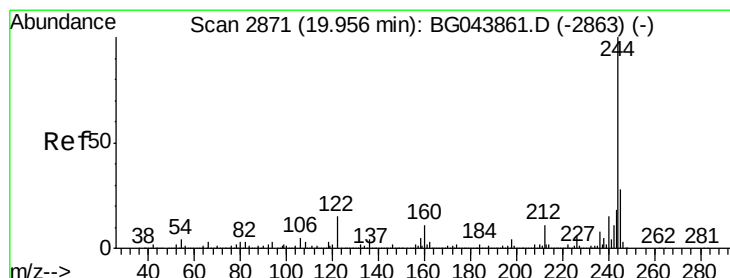
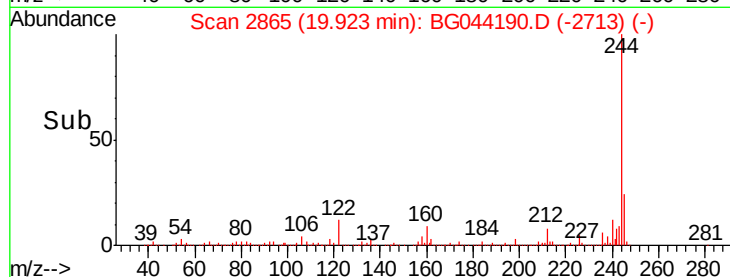
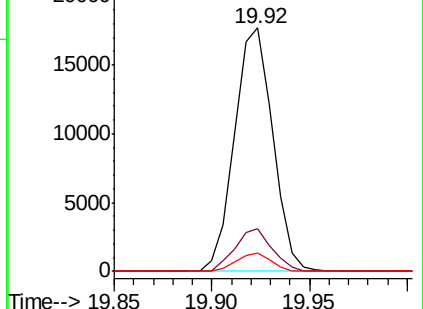
183 7.3 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 85.444 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

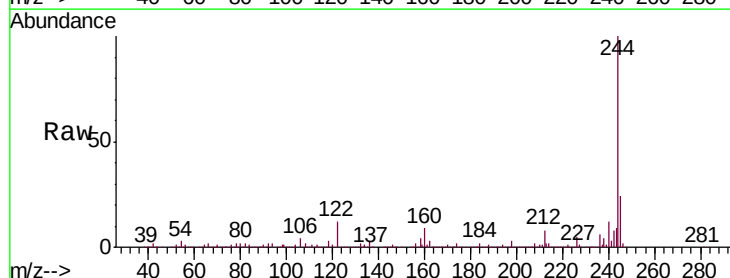
Tgt Ion:244 Resp: 1493329

Ion Ratio Lower Upper

244 100

212 8.5 8.6 13.0#

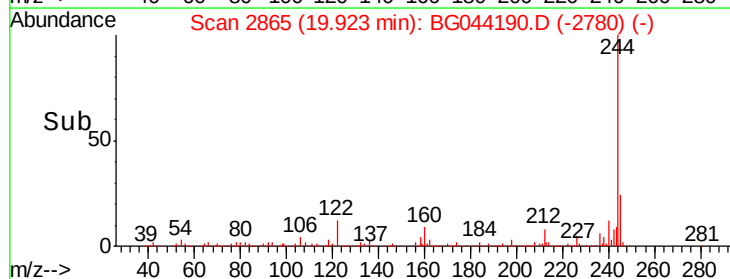
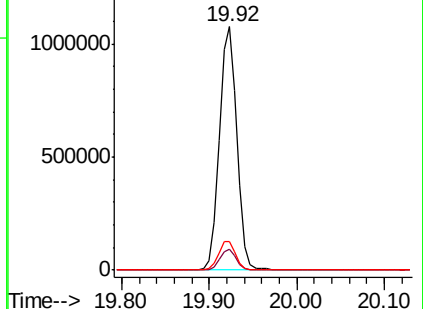
122 11.7 11.9 17.9#

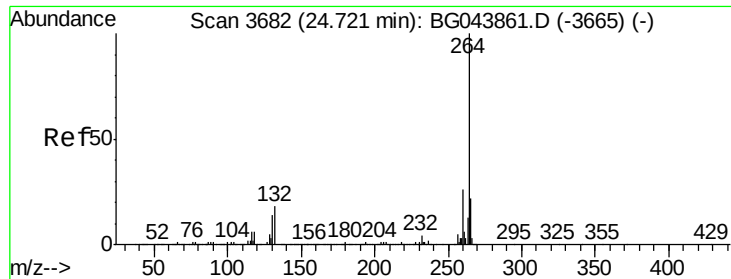


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.66 min Scan# 3671
Delta R.T. -0.06 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Instrument :
BNA_G
ClientSampleId :
TP-7-6-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.4	30.6
265	22.2	17.4	26.2

