

Data File : BG044207.D
Acq On : 25 Jan 2020 8:20
Operator : CG/JU
Sample : L1242-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

Quant Time: Jan 27 00:53:03 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

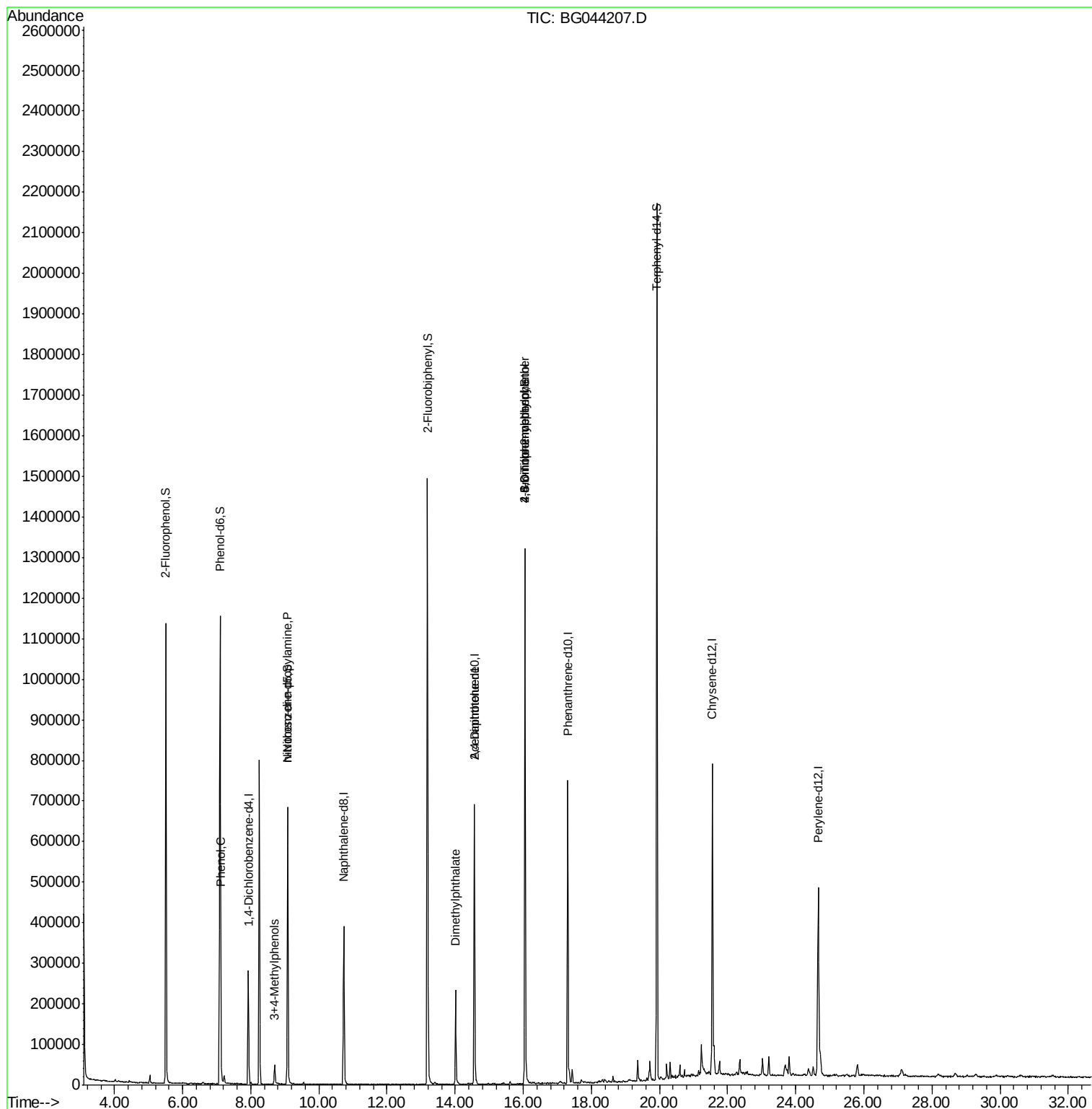
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81917	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	369516	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	250354	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	497501	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	424888	20.00	ng	-0.04
87) Perylene-d12	24.66	264	471787	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	540808	121.22	ng	-0.03
7) Phenol-d6	7.10	99	736100	118.04	ng	-0.03
23) Nitrobenzene-d5	9.08	82	441966	63.98	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	254584	97.17	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	888067	64.27	ng	-0.04
79) Terphenyl-d14	19.92	244	1070487	54.48	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	36469	5.676	ng	86
19) n-Nitroso-di-n-propylamine	9.08	70	56564	12.179	ng	# 78
20) 3+4-Methylphenols	8.70	107	29523	4.551	ng	82
50) Dimethylphthalate	14.01	163	182859	10.287	ng	96
57) 2,4-Dinitrotoluene	14.57	165	32650	5.972	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	814	4.678	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	18526	3.311	ng	# 1

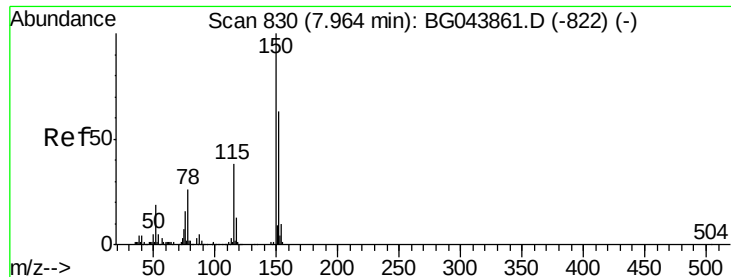
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG044207.D
Acq On : 25 Jan 2020 8:20
Operator : CG/JU
Sample : L1242-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

Quant Time: Jan 27 00:53:03 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



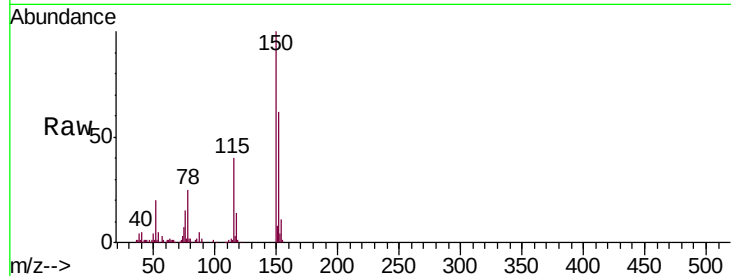


#1

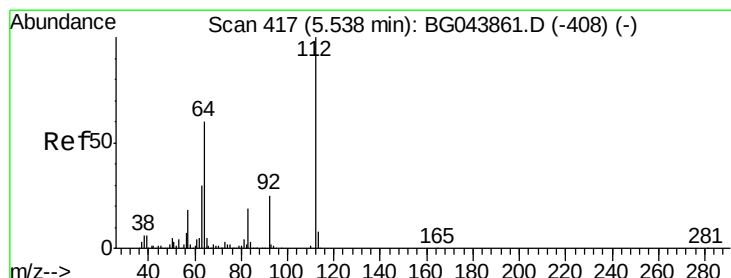
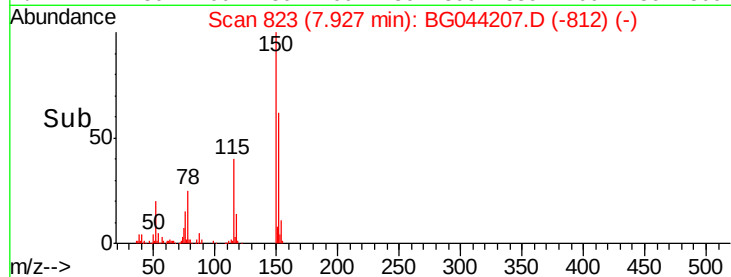
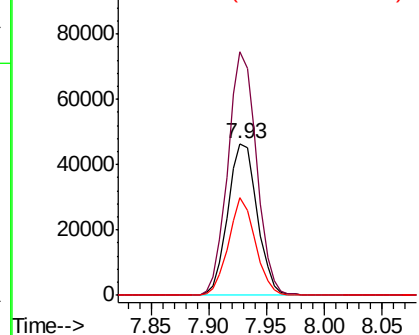
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	127.0	190.4
115	63.9	47.8	71.8



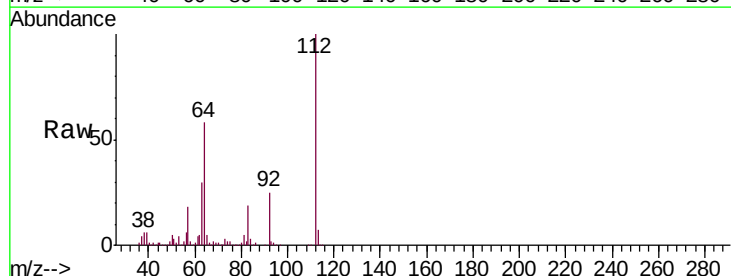
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



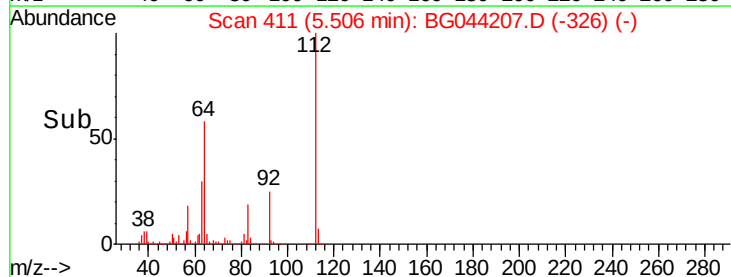
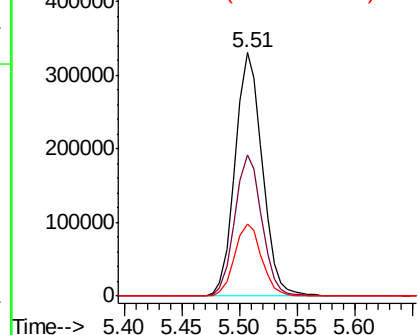
#5

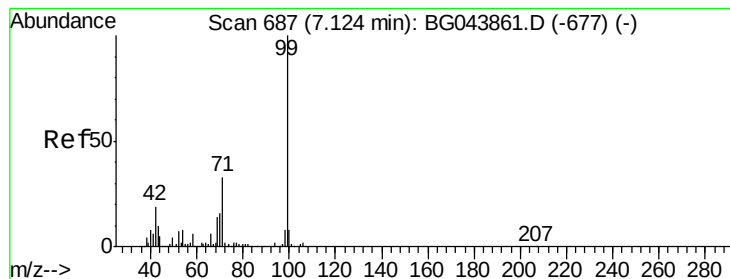
2-Fluorophenol
Concen: 121.219 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.8	71.6
63	29.8	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: 118.036 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

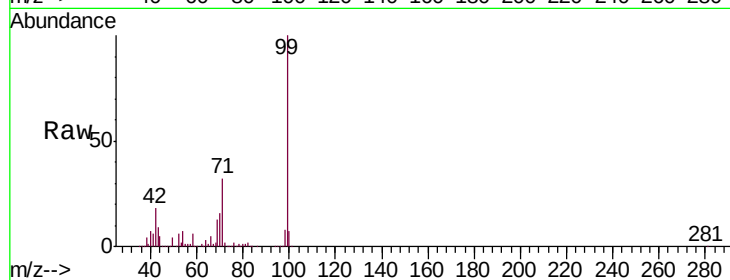
Tgt Ion: 99 Resp: 736100

Ion Ratio Lower Upper

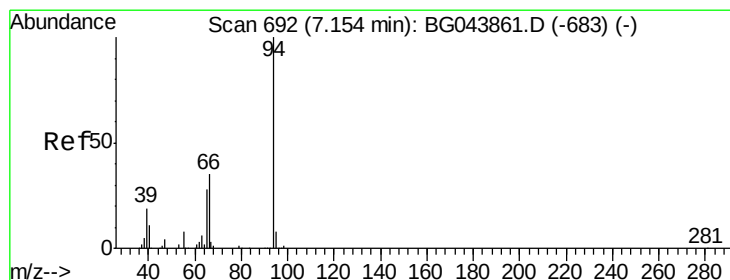
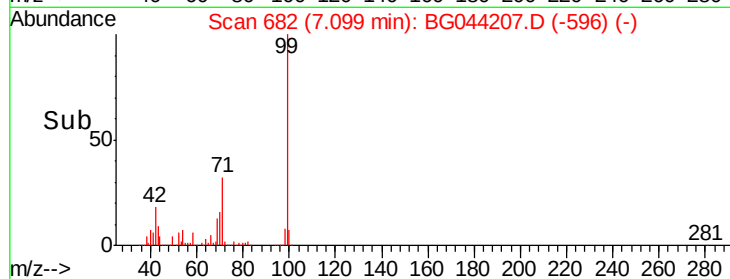
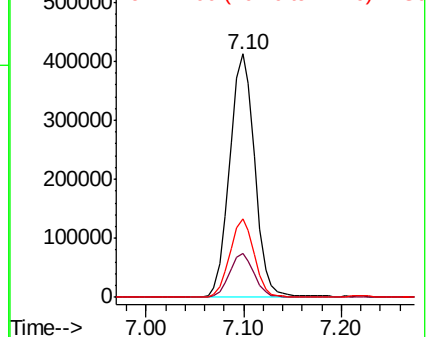
99 100

42 18.0 14.9 22.3

71 32.1 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: 5.676 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

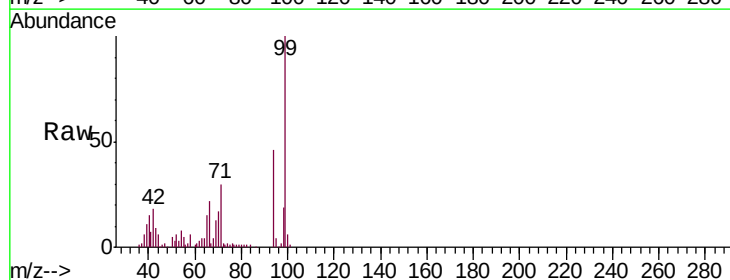
Tgt Ion: 94 Resp: 36469

Ion Ratio Lower Upper

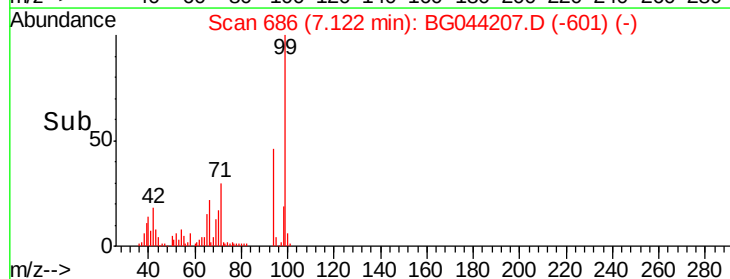
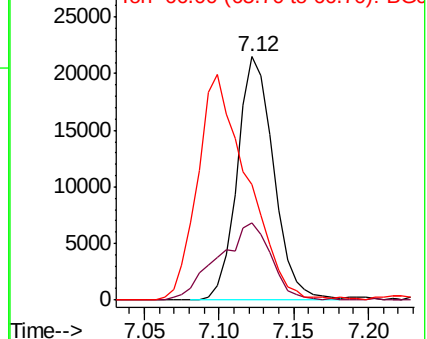
94 100

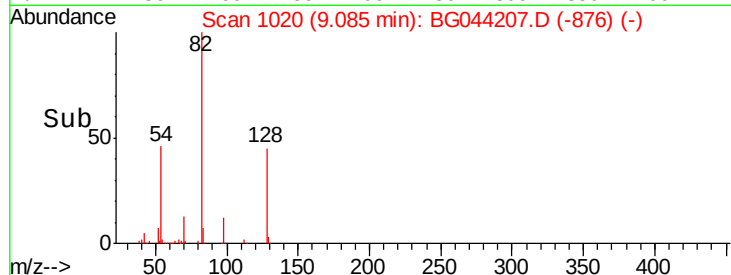
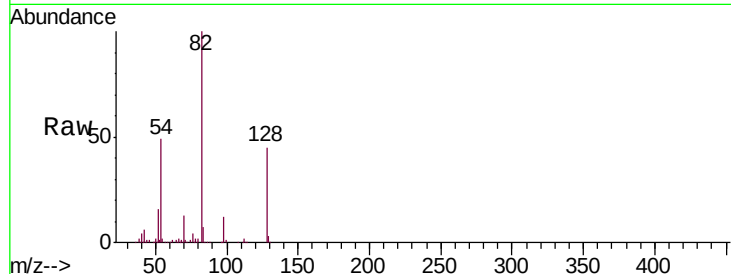
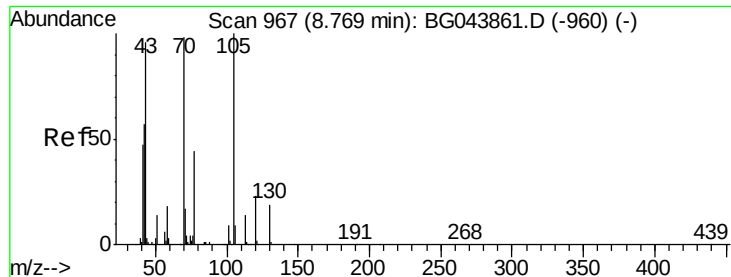
65 31.8 8.1 48.1

66 47.2 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

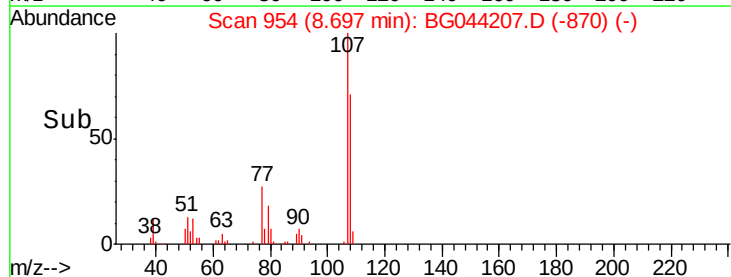
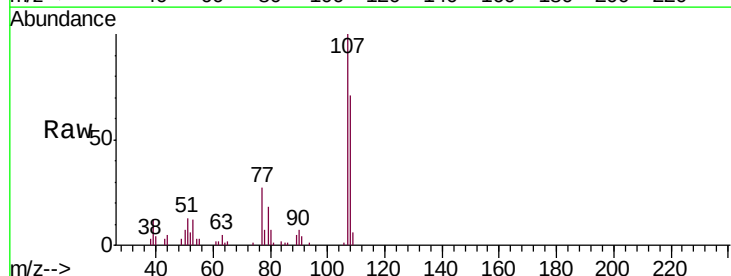
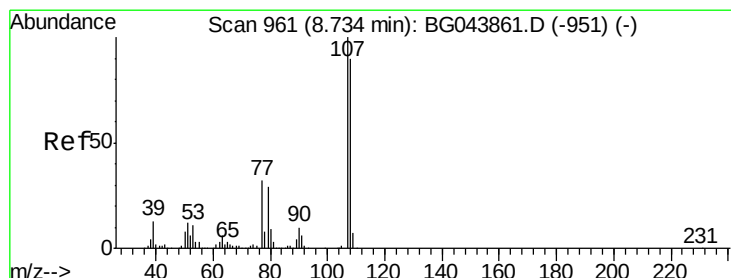
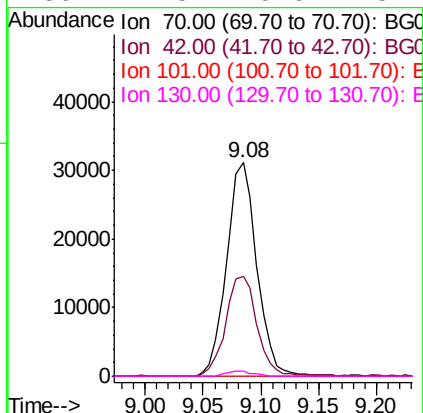




#19
n-Nitroso-di-n-propylamine
Concen: 12.179 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.32 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

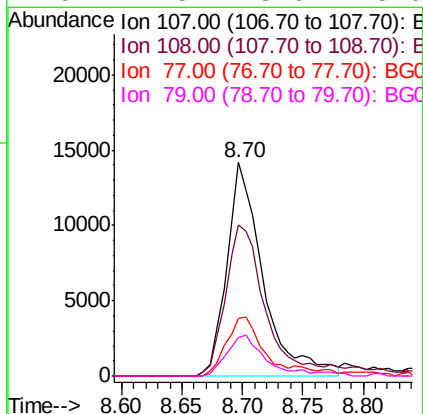
Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

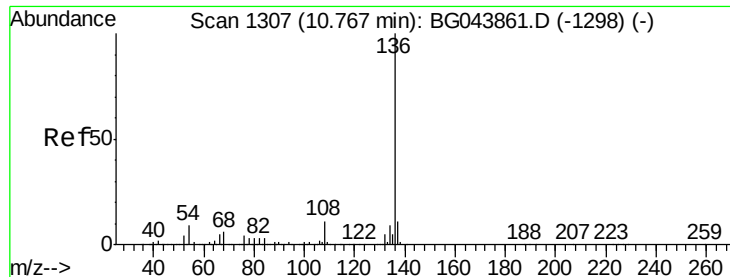
Tgt Ion:	70	Resp:	56564
Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.0	70.4#
101	0.0	7.2	10.8#
130	2.5	15.6	23.4#



#20
3+4-Methylphenols
Concen: 4.551 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.04 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

Tgt Ion:	107	Resp:	29523
Ion	Ratio	Lower	Upper
107	100		
108	70.9	70.3	110.3
77	27.2	12.4	52.4
79	17.8	8.6	48.6

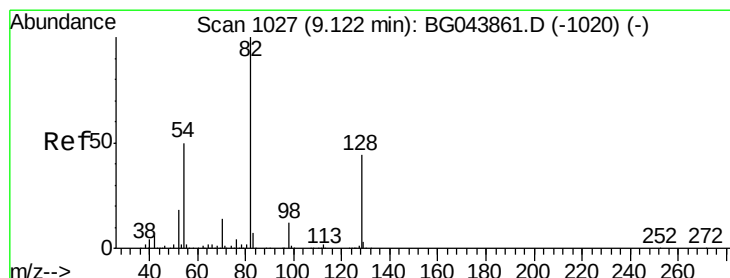
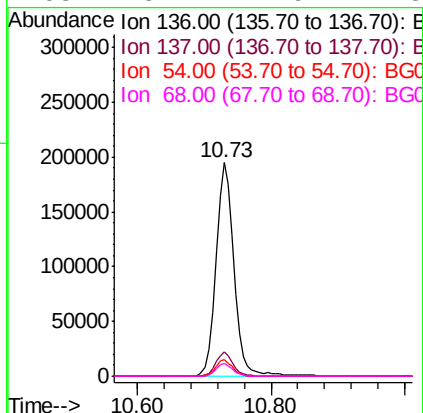
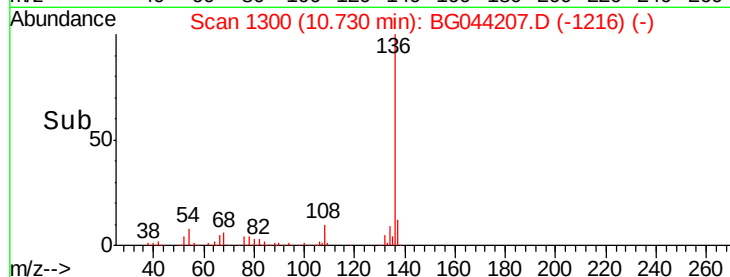
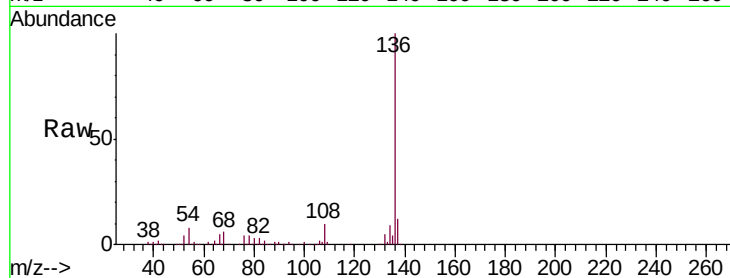




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

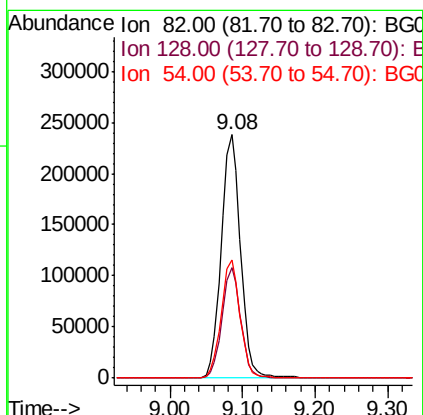
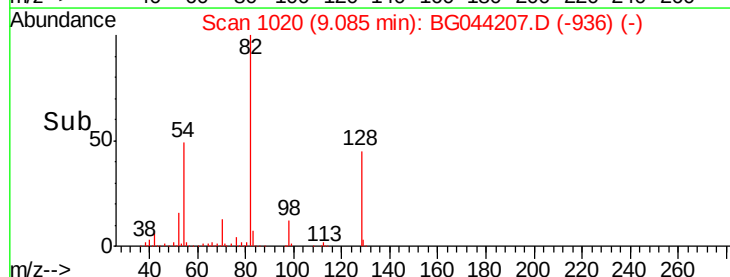
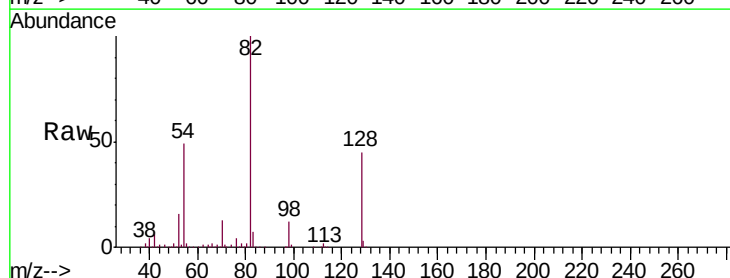
Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

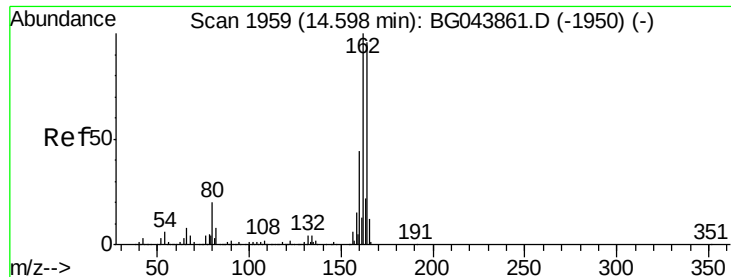
Tgt Ion:	136	Resp:	369516
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.6	7.0	10.4
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 63.985 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

Tgt Ion:	82	Resp:	441966
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	48.6	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: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

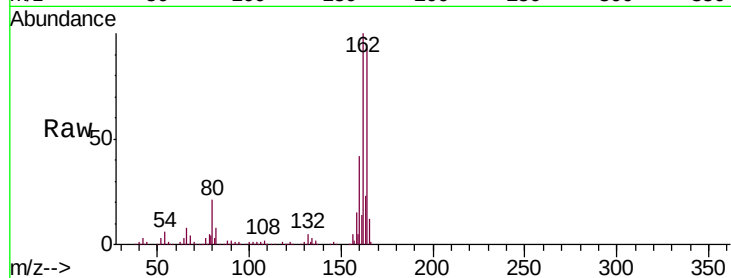
Tgt Ion:164 Resp: 250354

Ion Ratio Lower Upper

164 100

162 107.3 83.0 124.4

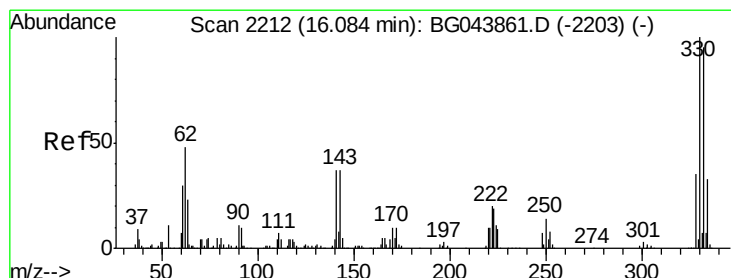
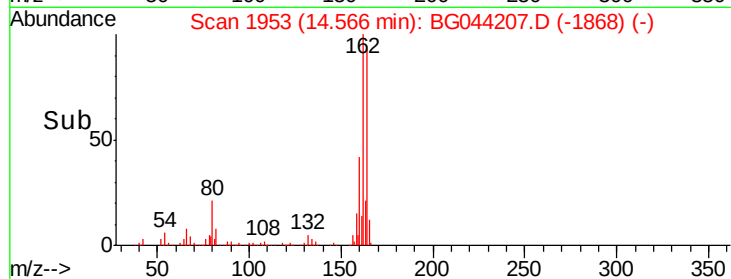
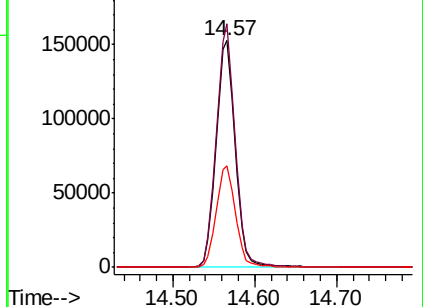
160 45.0 36.1 54.1



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: 97.173 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

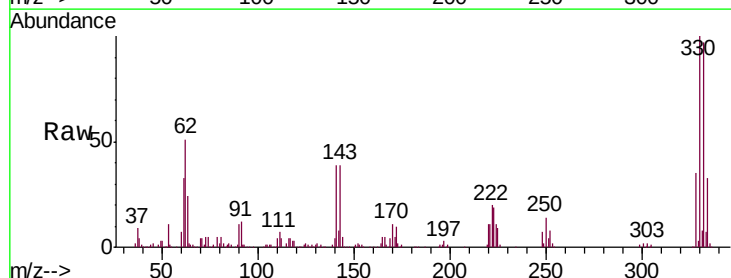
Tgt Ion:330 Resp: 254584

Ion Ratio Lower Upper

330 100

332 97.8 77.2 115.8

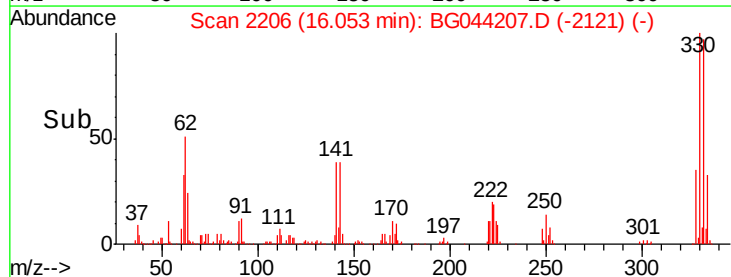
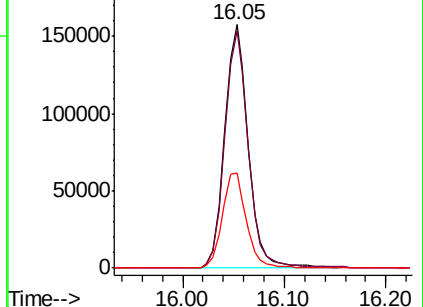
141 40.0 33.1 49.7

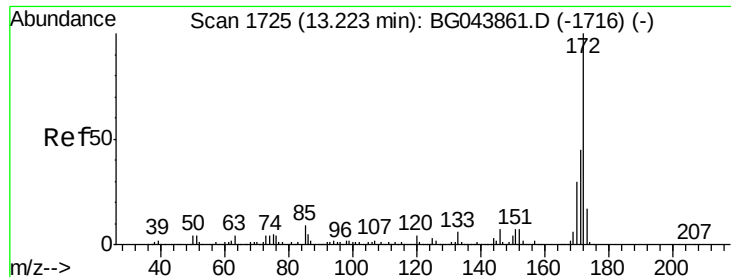


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

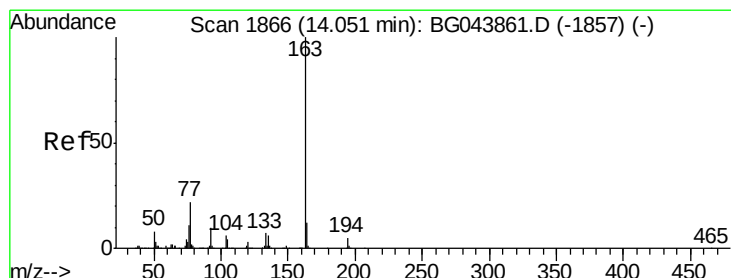
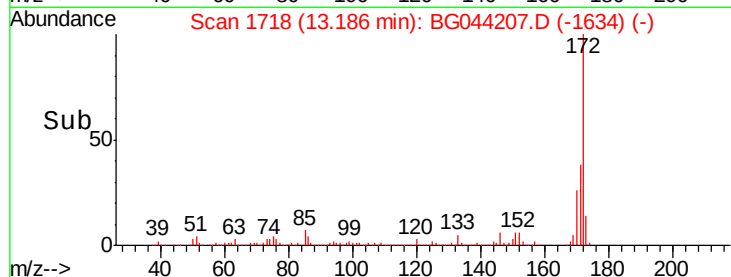
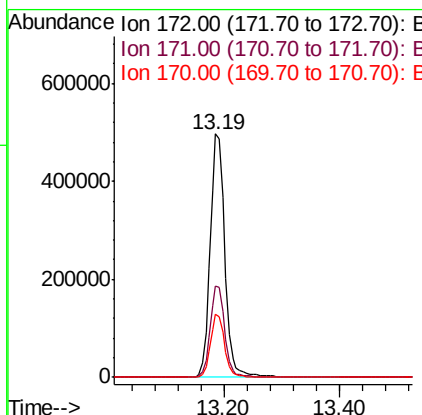
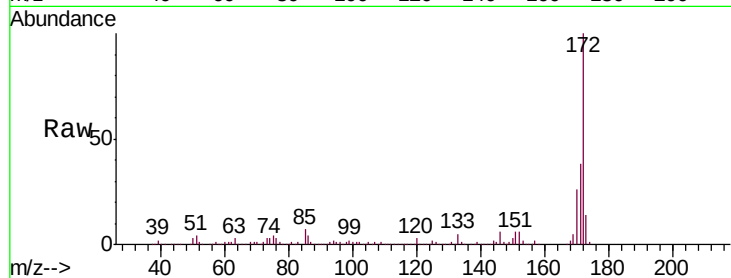




#45
2-Fluorobiphenyl
Concen: 64.268 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

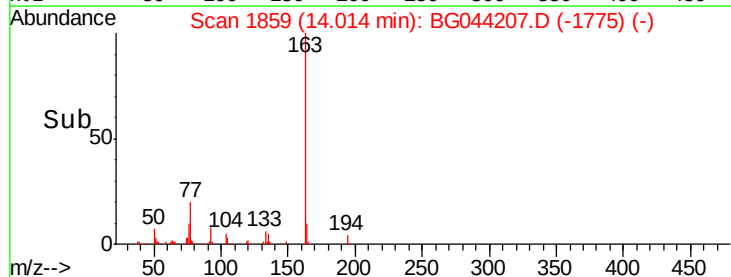
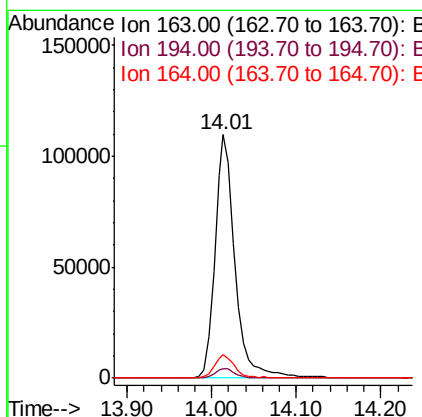
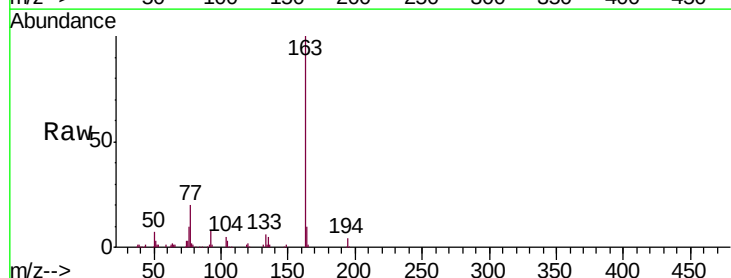
Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

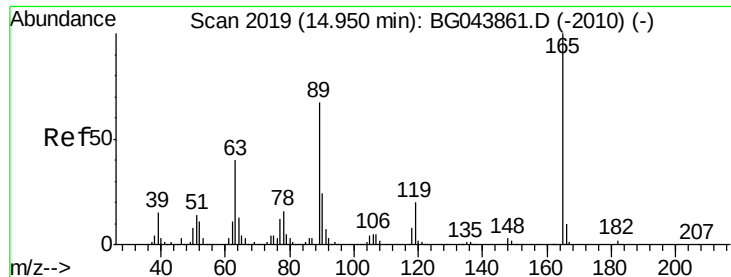
Tgt Ion:172 Resp: 888067
Ion Ratio Lower Upper
172 100
171 37.5 35.8 53.8
170 25.8 24.2 36.4



#50
Dimethylphthalate
Concen: 10.287 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

Tgt Ion:163 Resp: 182859
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 9.7 9.3 13.9

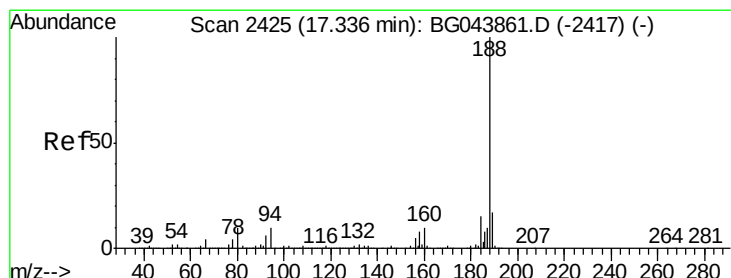
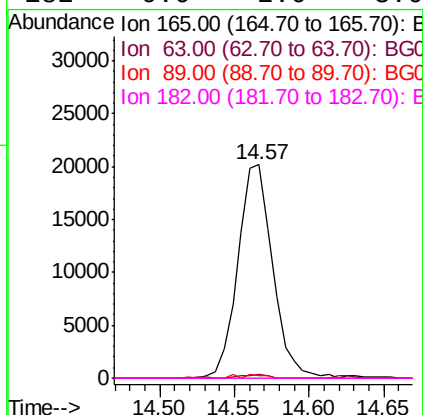
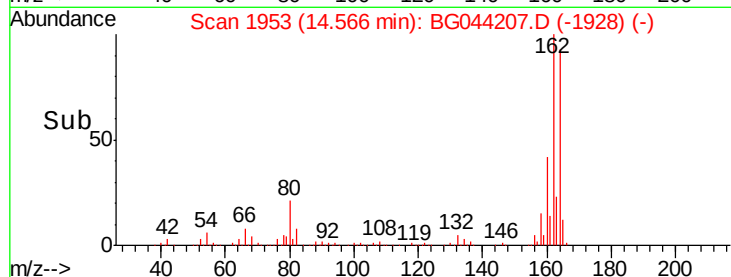
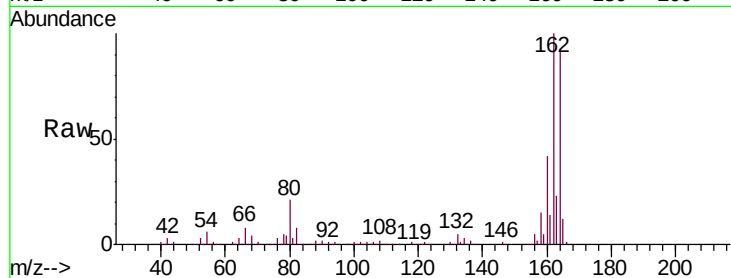




#57
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.38 min
 Lab File: BG044207.D
 Acq: 25 Jan 2020 8:20

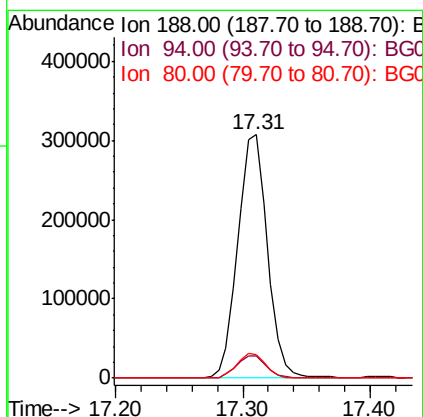
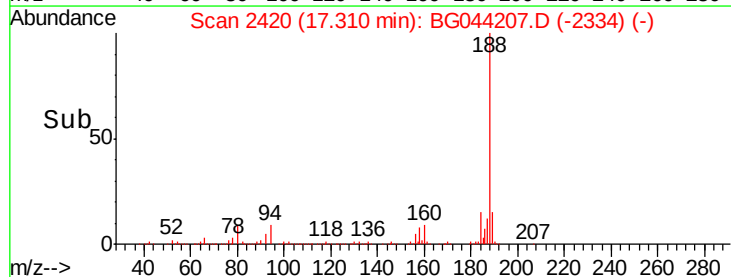
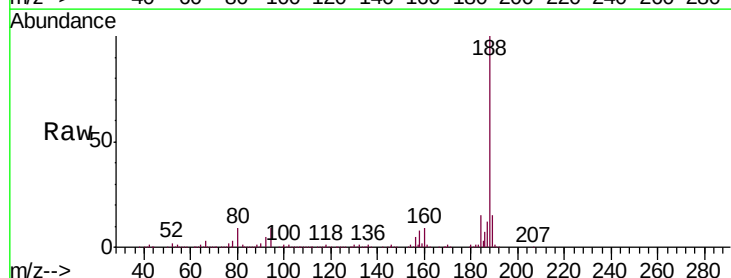
Instrument :
 BNA_G
 ClientSampleId :
 20200057-COMP-3

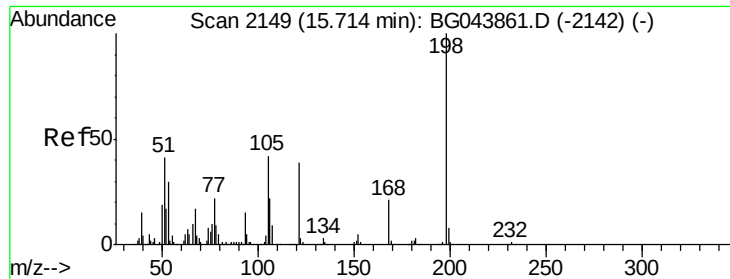
Tgt Ion:	165	Resp:	32650
Ion	Ratio	Lower	Upper
165	100		
63	2.0	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. -0.03 min
 Lab File: BG044207.D
 Acq: 25 Jan 2020 8:20

Tgt Ion:	188	Resp:	497501
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.5	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 4.678 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.34 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

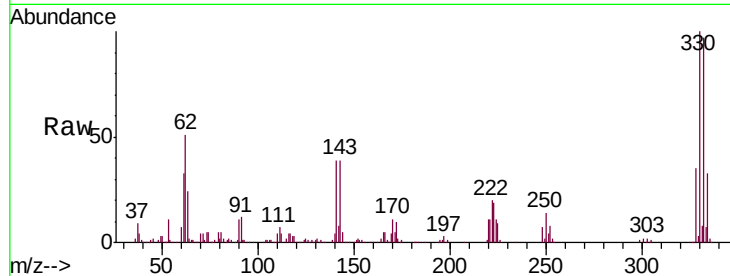
Tgt Ion:198 Resp: 814

Ion Ratio Lower Upper

198 100

51 115.5 22.5 62.5#

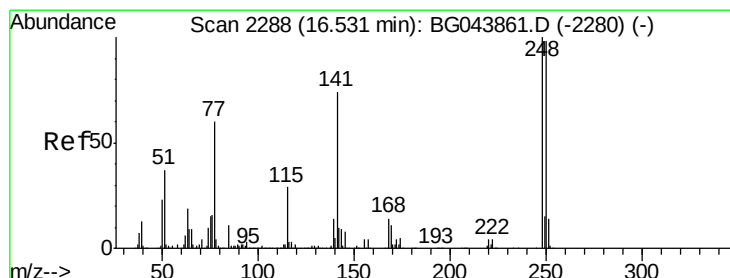
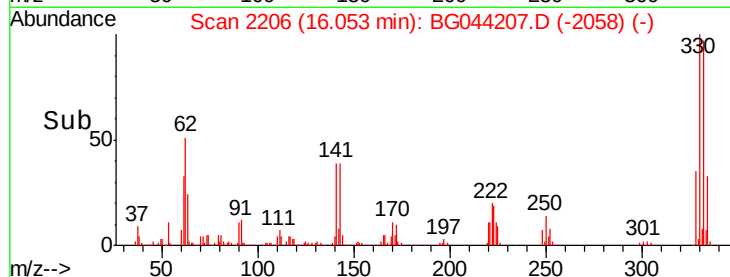
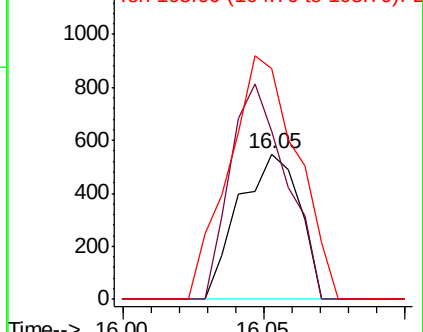
105 158.8 22.3 62.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.311 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.48 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

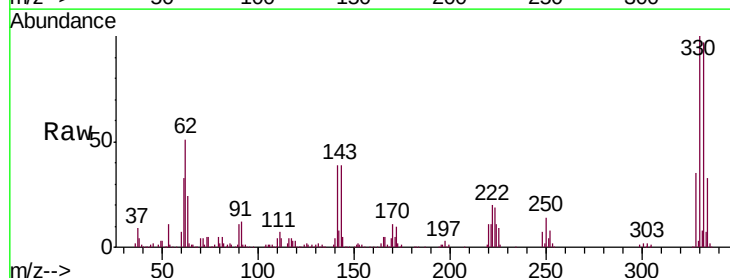
Tgt Ion:248 Resp: 18526

Ion Ratio Lower Upper

248 100

250 187.5 78.2 117.2#

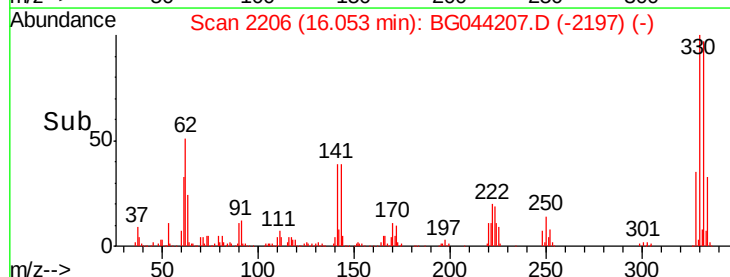
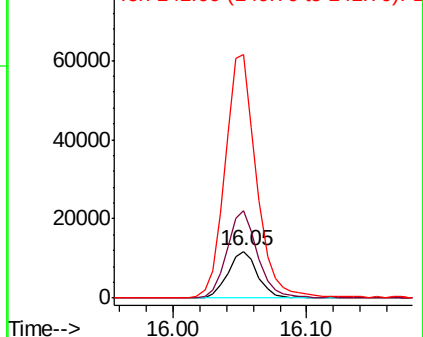
141 522.6 59.3 88.9#

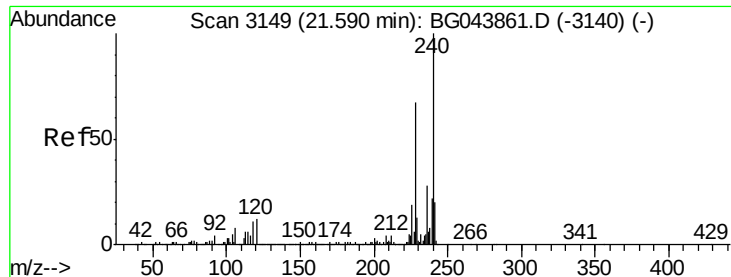


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.55 min Scan# 3142

Delta R.T. -0.04 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

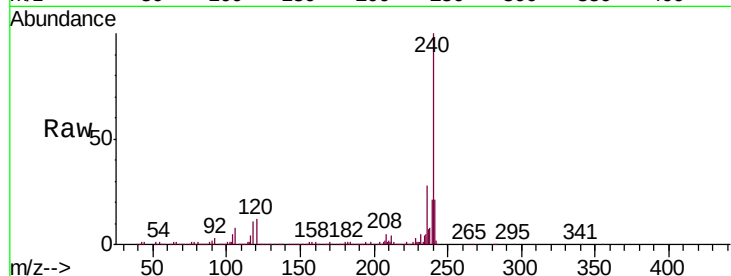
Tgt Ion:240 Resp: 424888

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

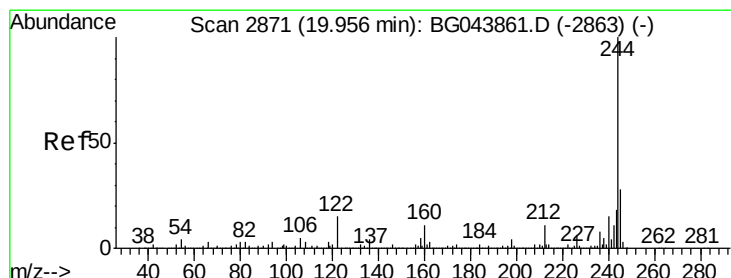
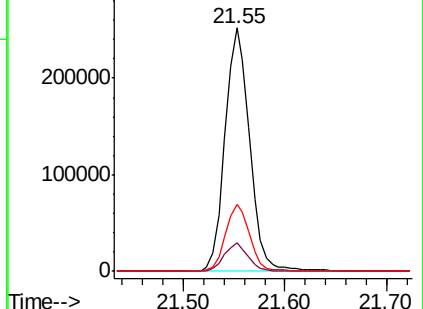
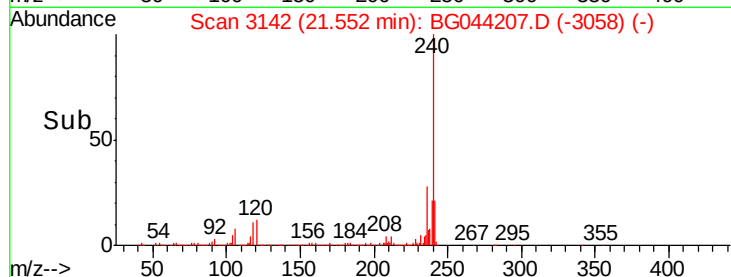
236 27.6 22.2 33.2



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: 54.480 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

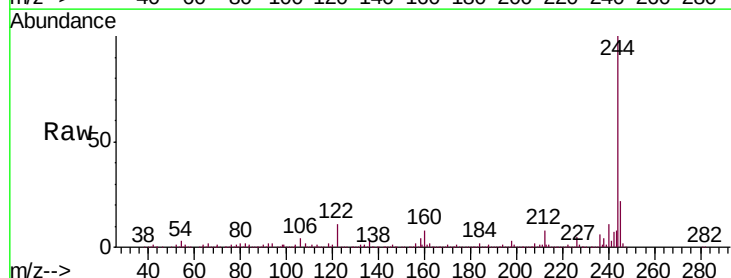
Tgt Ion:244 Resp: 1070487

Ion Ratio Lower Upper

244 100

212 7.9 8.6 13.0#

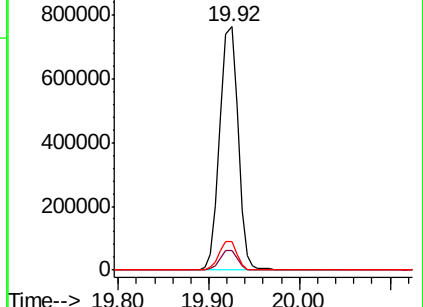
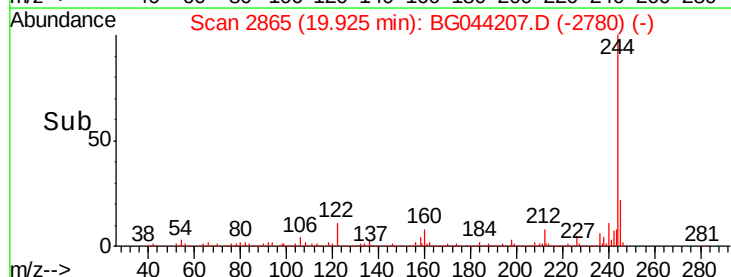
122 11.5 11.9 17.9#

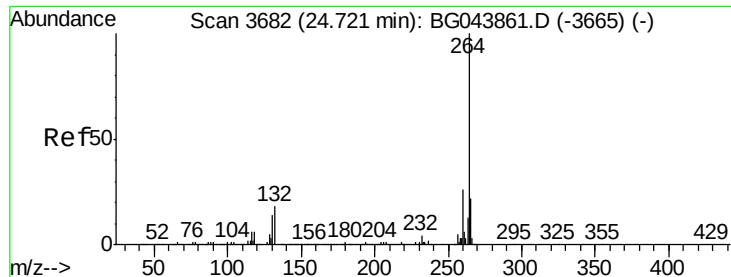


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG044207.D
Acq: 25 Jan 2020 8:20

Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

Tgt Ion:	264	Resp:	471787
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	21.8	17.4	26.2

