

Data File : BG044191.D
Acq On : 24 Jan 2020 21:02
Operator : CG/JU
Sample : L1247-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

Quant Time: Jan 25 05:39:11 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

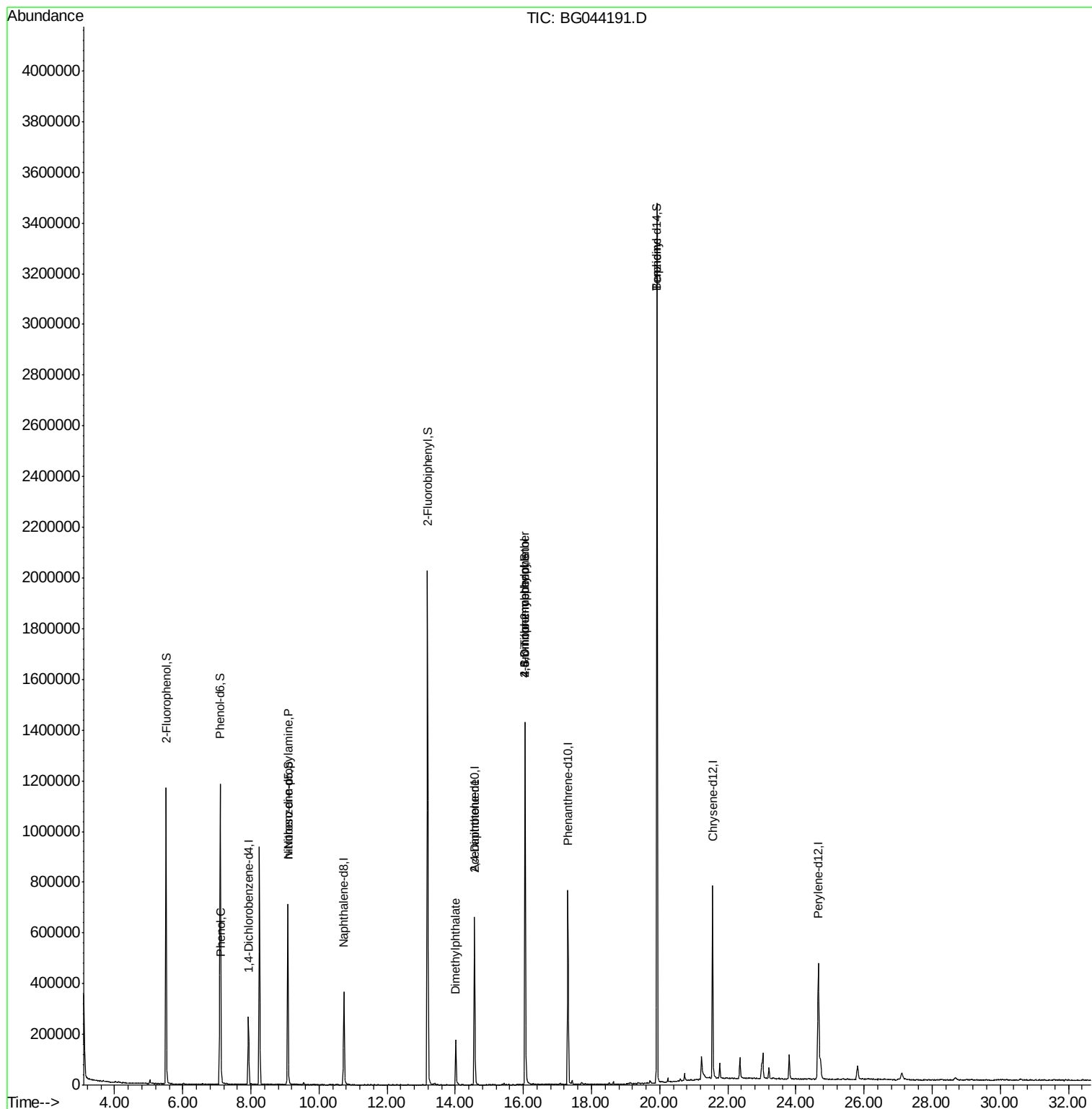
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	80476	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	353285	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	243535	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	500037	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	432817	20.00	ng	-0.04
87) Perylene-d12	24.66	264	481796	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	557276	127.15	ng	-0.03
7) Phenol-d6	7.10	99	753659	123.02	ng	-0.02
23) Nitrobenzene-d5	9.09	82	463555	70.19	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	283517	111.25	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1108926	82.50	ng	-0.04
79) Terphenyl-d14	19.92	244	1594484	90.27	ng	-0.04
Target Compounds						
10) Phenol	7.12	94	29868	4.732	ng	87
19) n-Nitroso-di-n-propylamine	9.09	70	59407	13.021	ng	# 82
50) Dimethylphthalate	14.02	163	145685	8.425	ng	97
57) 2,4-Dinitrotoluene	14.56	165	31791	5.978	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	942	4.722	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	19974	3.552	ng	# 1
77) Benzidine	19.92	184	26508	2.437	ng	# 91

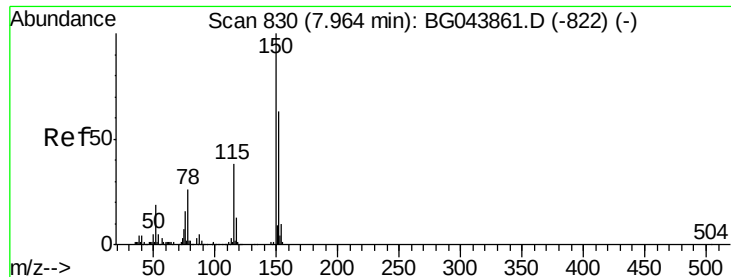
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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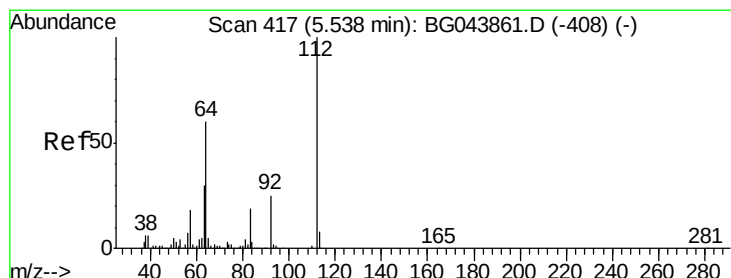
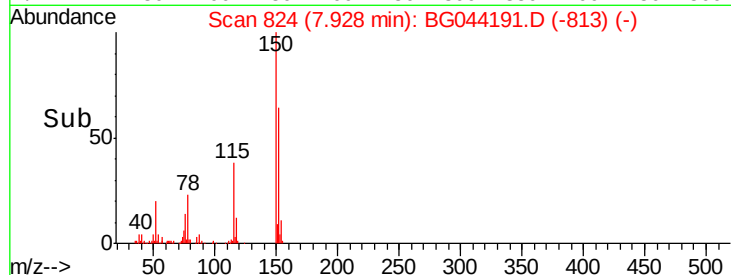
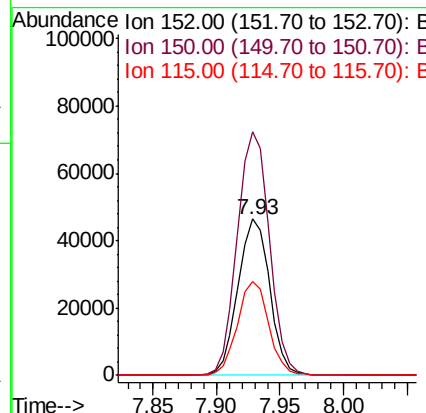
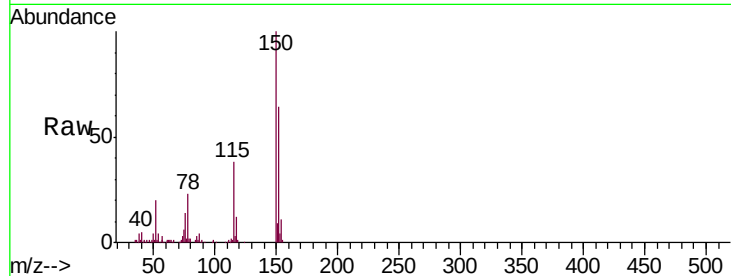


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

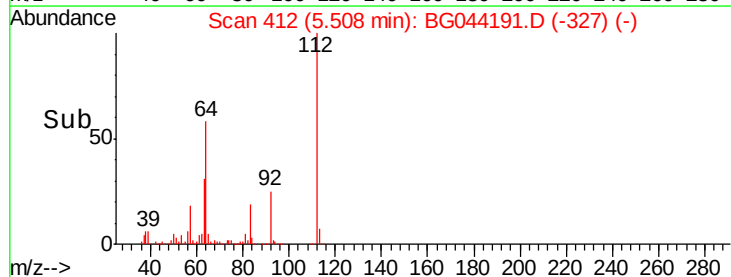
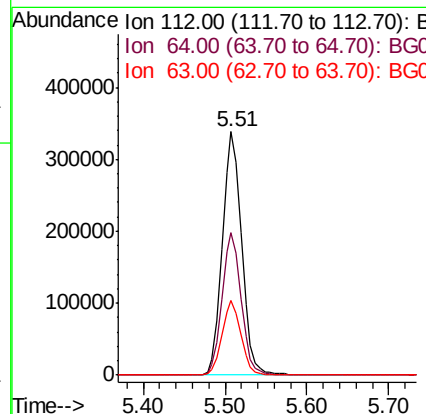
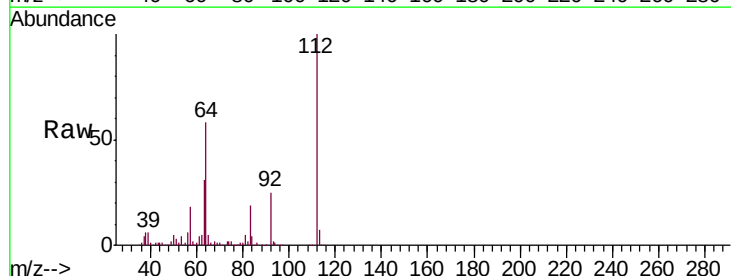
Tgt Ion:152 Resp: 80476
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.4
115 59.7 47.8 71.8

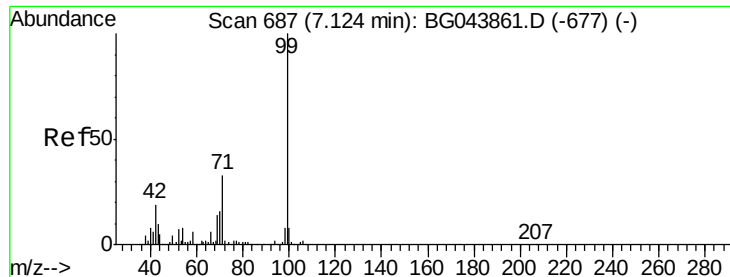


#5

2-Fluorophenol
Concen: 127.147 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion:112 Resp: 557276
Ion Ratio Lower Upper
112 100
64 58.4 47.8 71.6
63 30.7 24.3 36.5





#7

Phenol-d6

Concen: 123.015 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

Instrument :

BNA_G

ClientSampleId :

TP-13-15-COMP

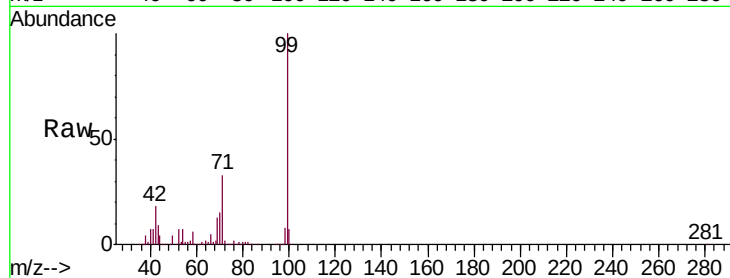
Tgt Ion: 99 Resp: 753659

Ion Ratio Lower Upper

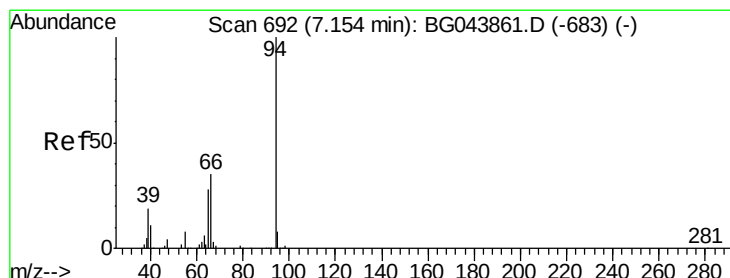
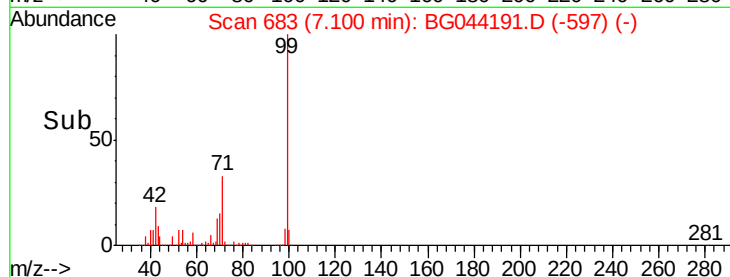
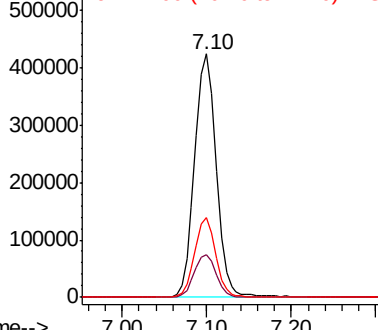
99 100

42 17.8 14.9 22.3

71 32.7 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: 4.732 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

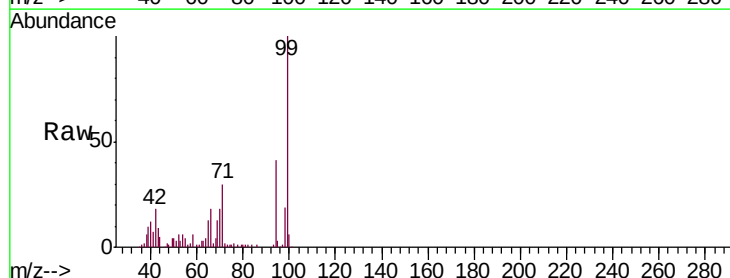
Tgt Ion: 94 Resp: 29868

Ion Ratio Lower Upper

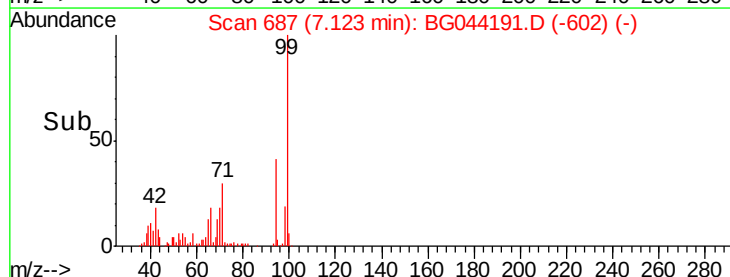
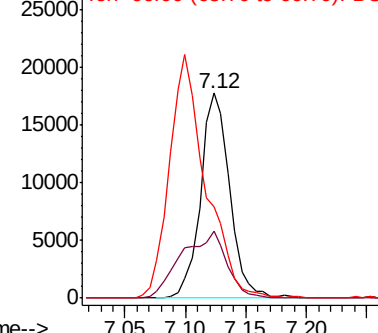
94 100

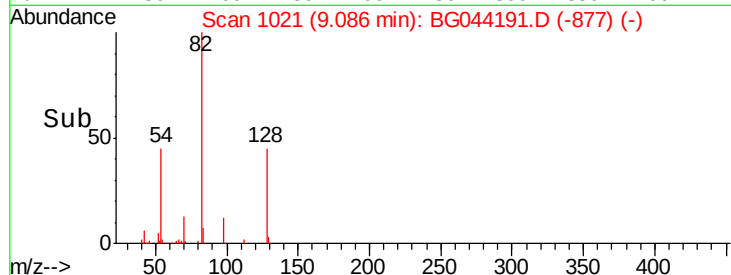
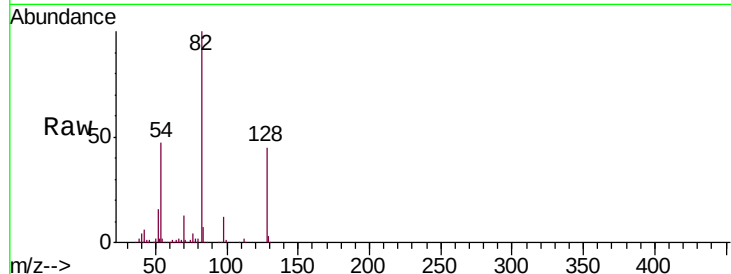
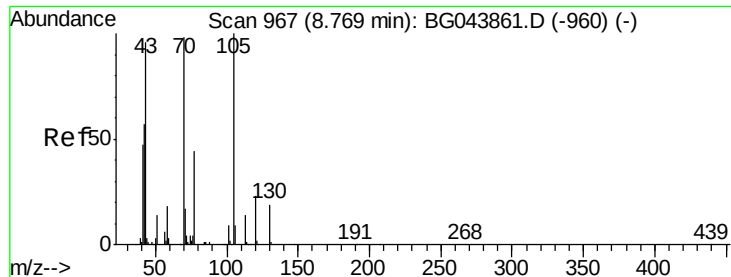
65 32.6 8.1 48.1

66 44.8 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

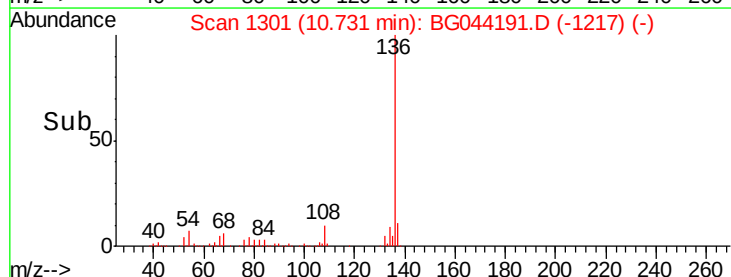
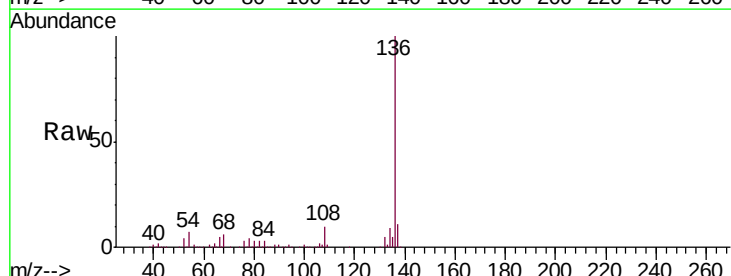
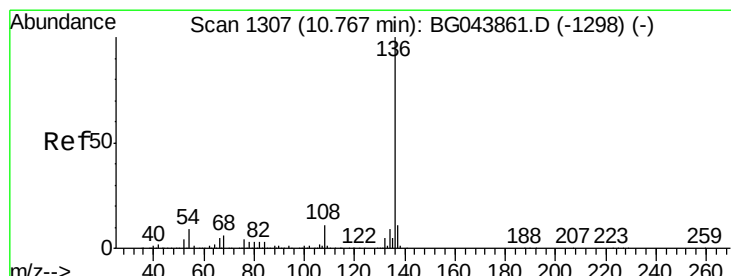
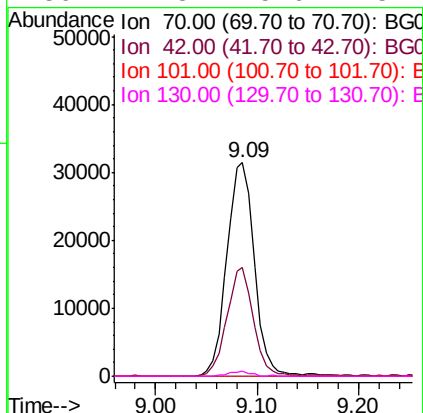




#19
n-Nitroso-di-n-propylamine
Concen: 13.021 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044191.D
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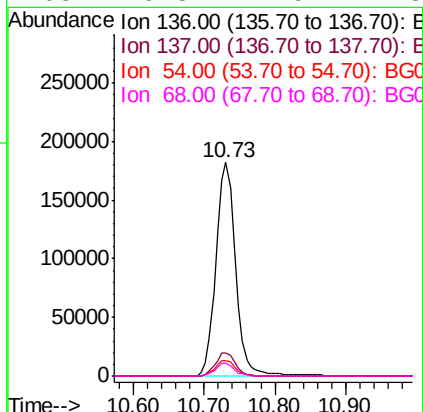
Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

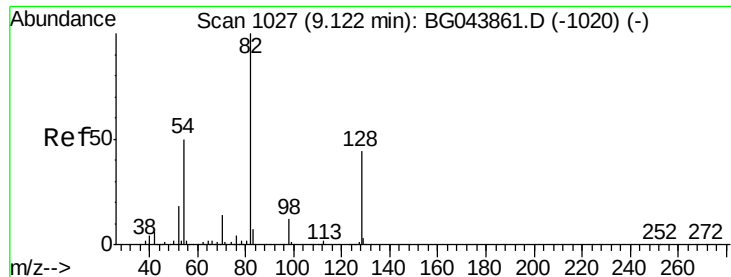
Tgt Ion: 70 Resp: 59407
Ion Ratio Lower Upper
70 100
42 50.9 47.0 70.4
101 0.0 7.2 10.8#
130 2.3 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion: 136 Resp: 353285
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 7.0 10.4
68 5.8 4.9 7.3

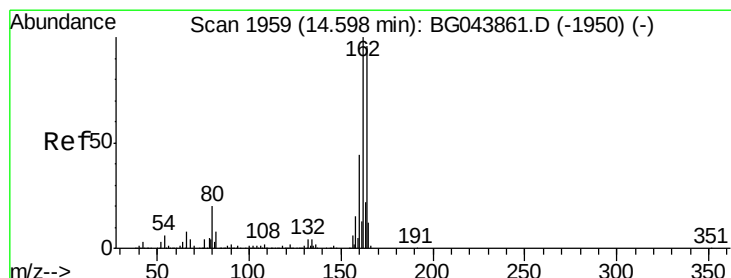
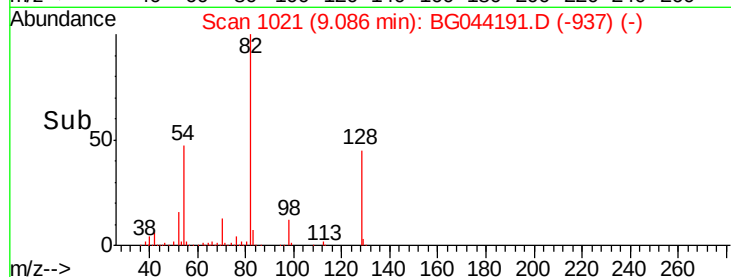
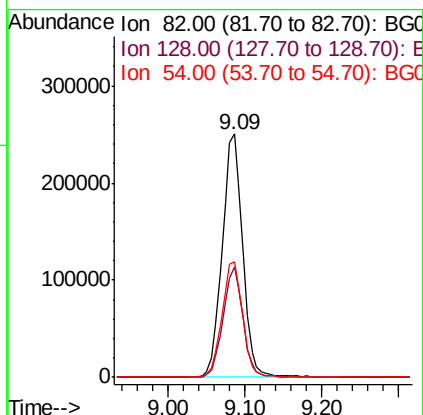
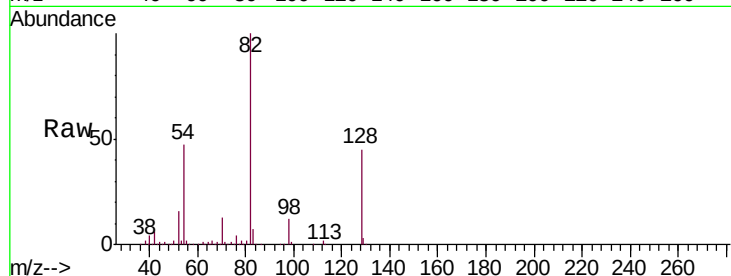




#23
Nitrobenzene-d5
Concen: 70.193 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

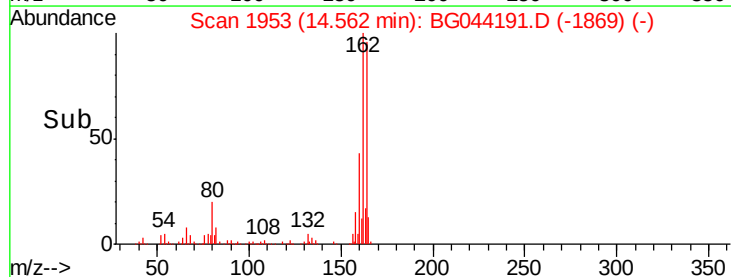
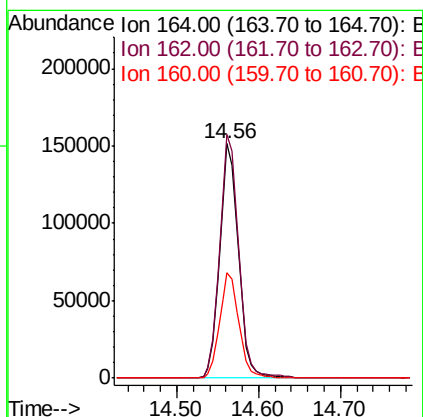
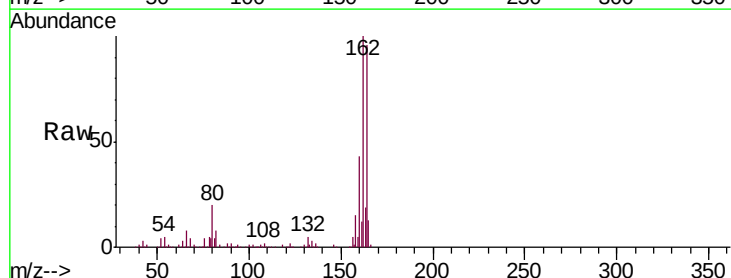
Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

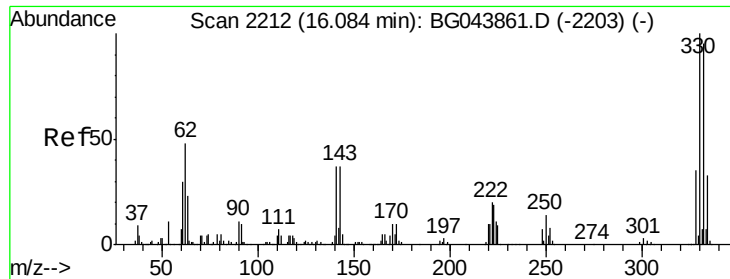
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	47.4	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.4
160	44.7	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 111.247 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

Instrument :

BNA_G

ClientSampleId :

TP-13-15-COMP

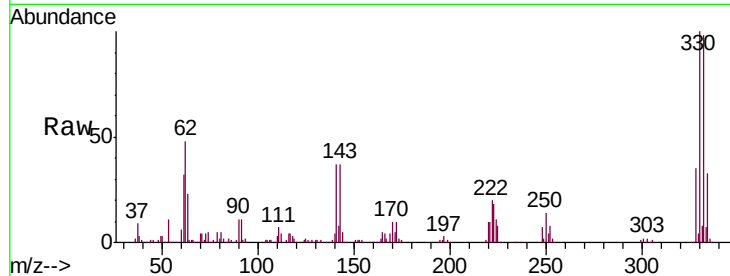
Tgt Ion:330 Resp: 283517

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

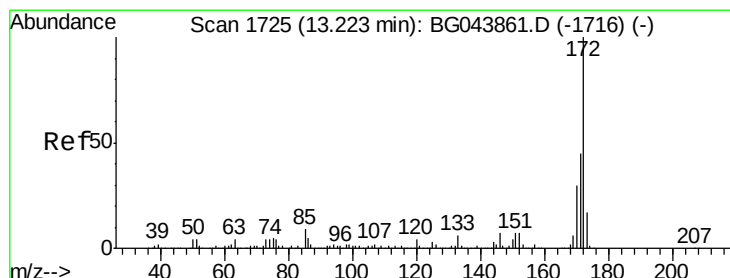
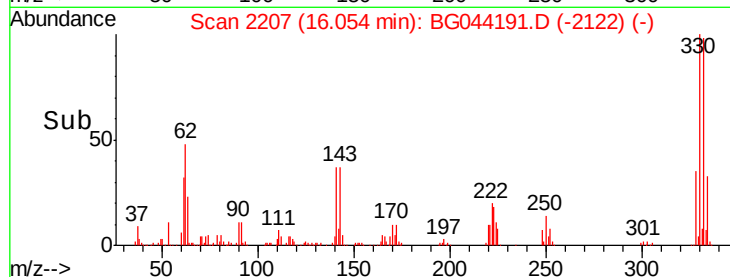
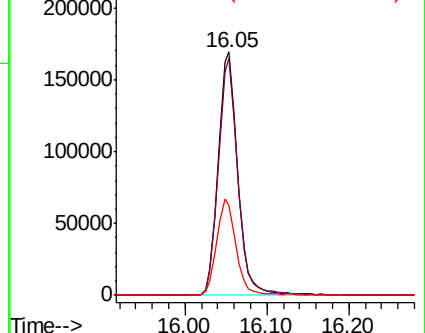
141 39.5 33.1 49.7



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: 82.498 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.04 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

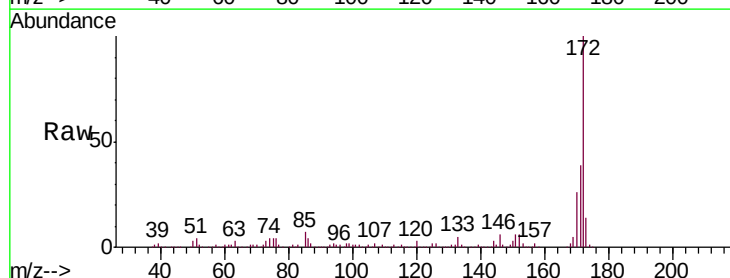
Tgt Ion:172 Resp: 1108926

Ion Ratio Lower Upper

172 100

171 38.6 35.8 53.8

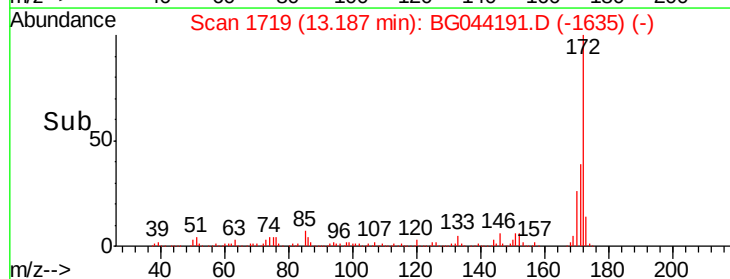
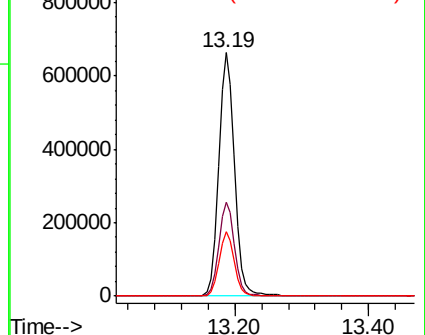
170 26.4 24.2 36.4

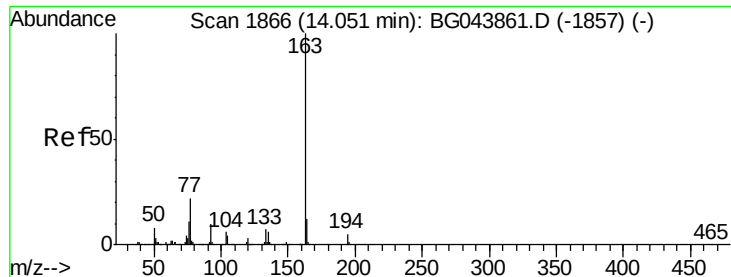


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

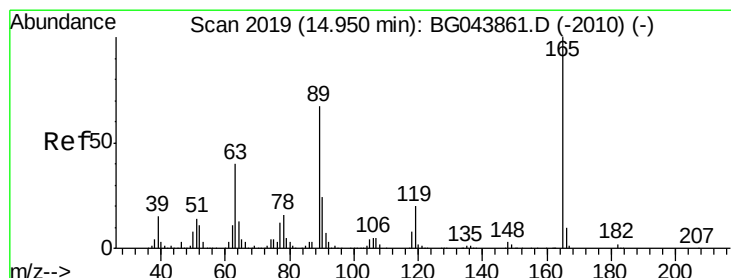
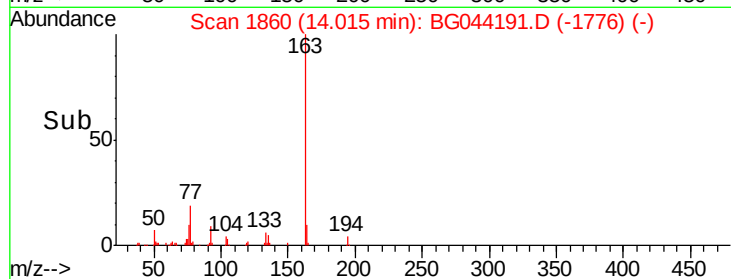
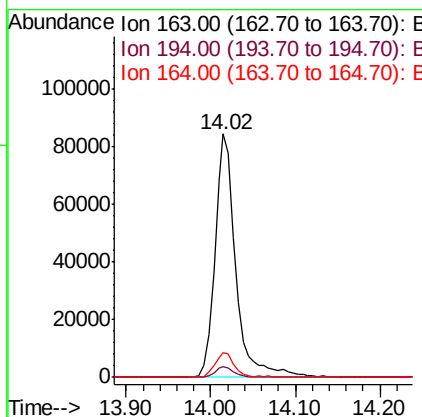
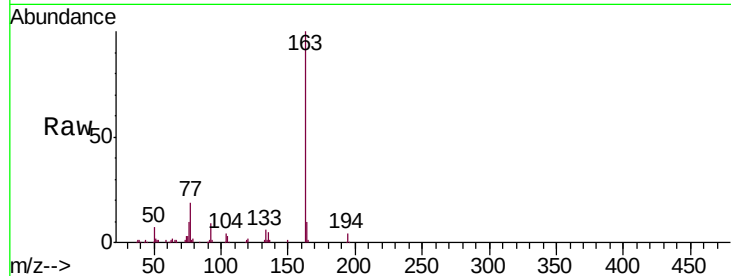




#50
Dimethylphthalate
Concen: 8.425 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

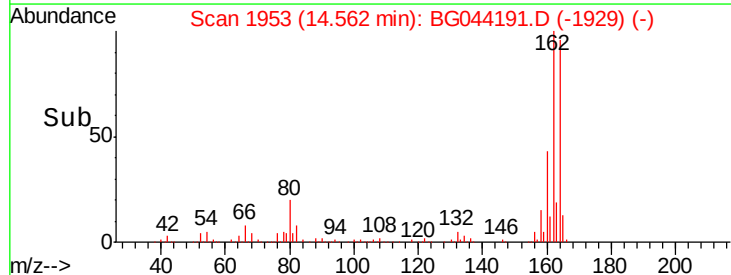
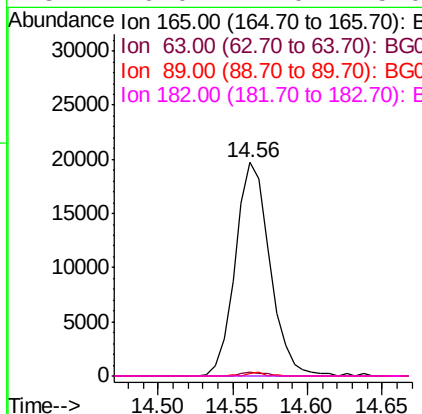
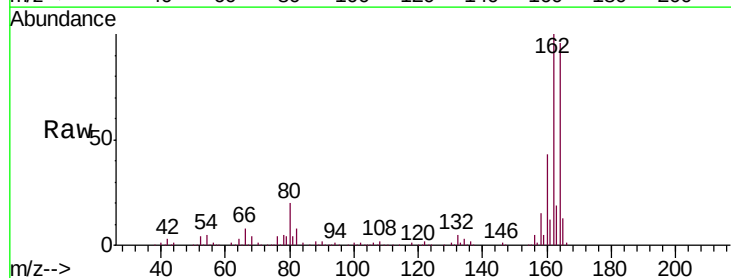
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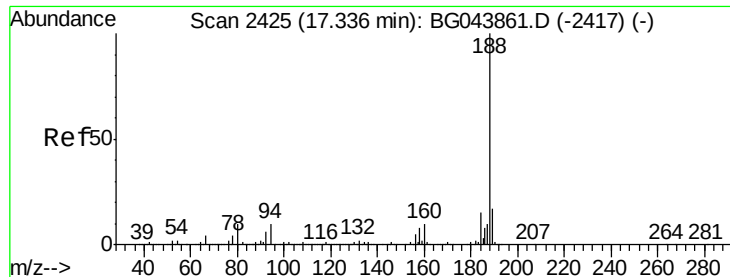
Tgt Ion:163 Resp: 145685
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.3 9.3 13.9



#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion:165 Resp: 31791
Ion Ratio Lower Upper
165 100
63 1.6 31.9 47.9#
89 1.3 53.8 80.6#
182 0.0 2.0 3.0#

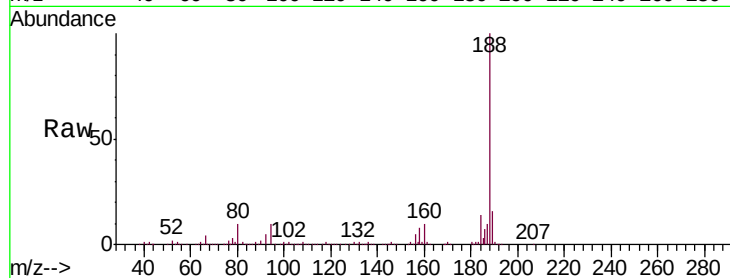




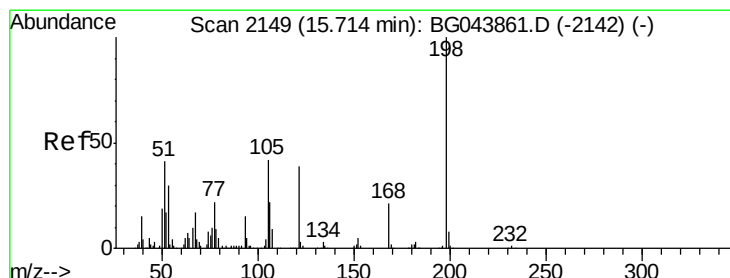
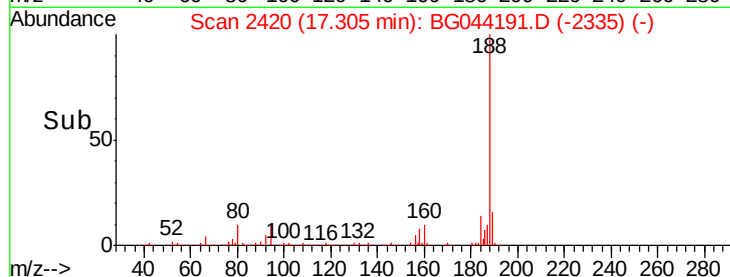
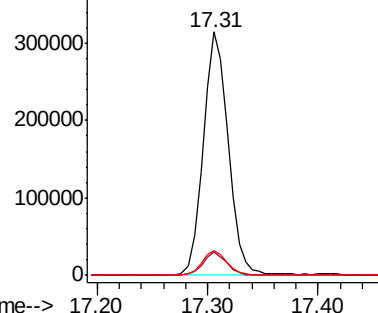
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

Tgt Ion:188 Resp: 500037
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.2 8.2 12.4

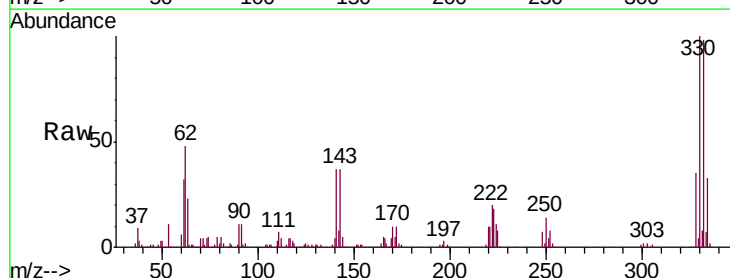


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

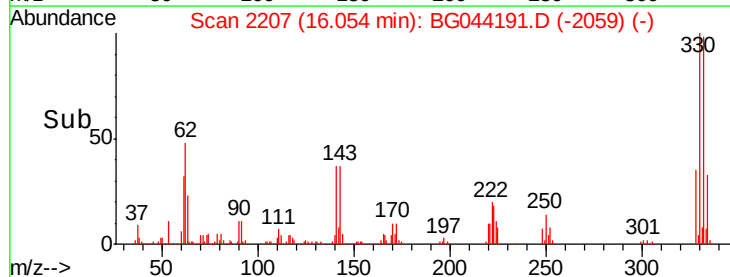
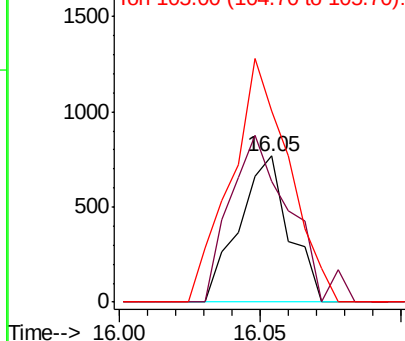


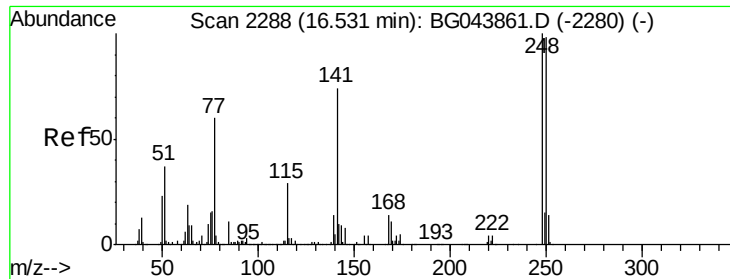
#65
4,6-Dinitro-2-methylphenol
Concen: 4.722 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion:198 Resp: 942
Ion Ratio Lower Upper
198 100
51 82.3 22.5 62.5#
105 131.3 22.3 62.3#



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

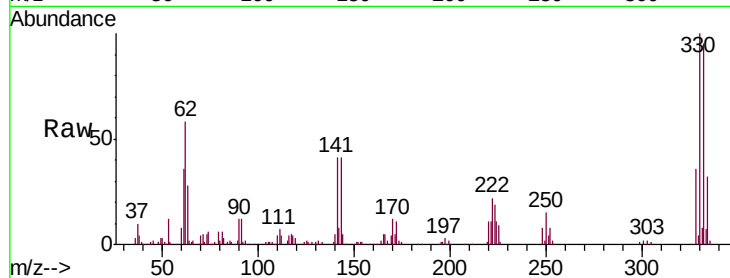




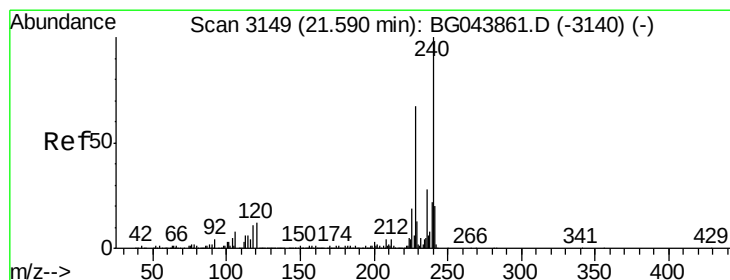
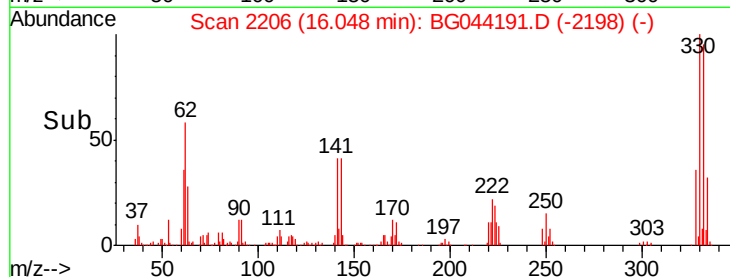
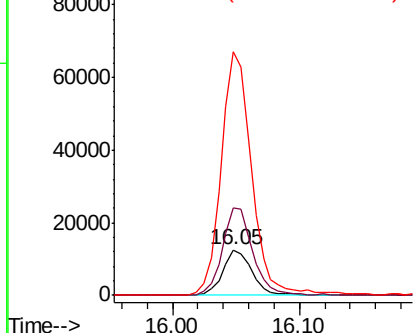
#67
 4-Bromophenyl-phenylether
 Concen: 3.552 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.48 min
 Lab File: BG044191.D
 Acq: 24 Jan 2020 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-15-COMP

Tgt Ion:248 Resp: 19974
 Ion Ratio Lower Upper
 248 100
 250 193.7 78.2 117.2#
 141 536.7 59.3 88.9#

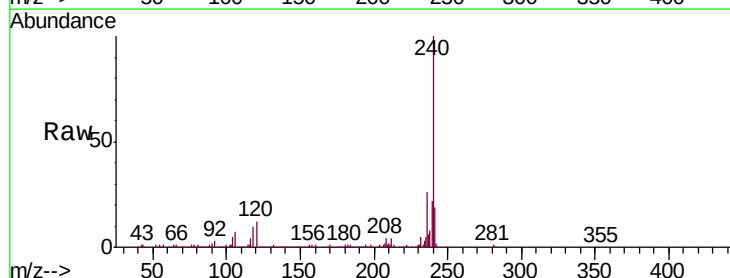


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

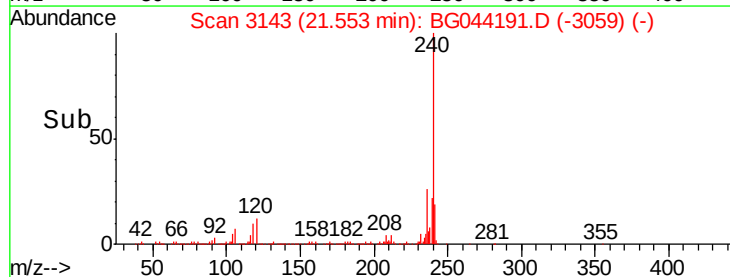
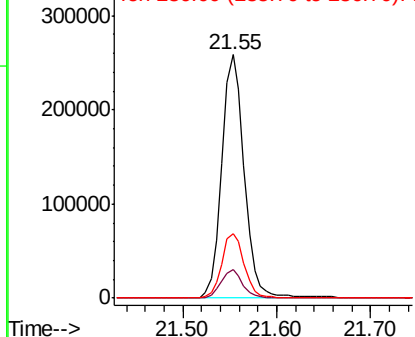


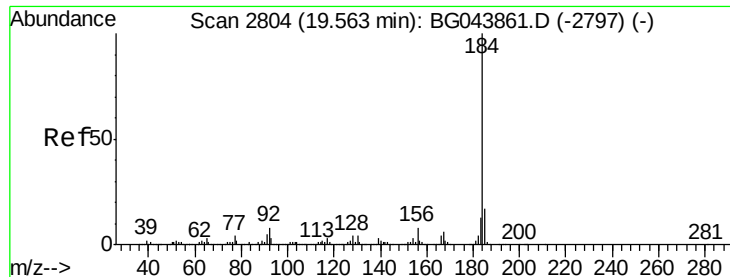
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.04 min
 Lab File: BG044191.D
 Acq: 24 Jan 2020 21:02

Tgt Ion:240 Resp: 432817
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.6 14.4
 236 26.3 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





#77

Benzidine

Concen: 2.437 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.36 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

Instrument :

BNA_G

ClientSampleId :

TP-13-15-COMP

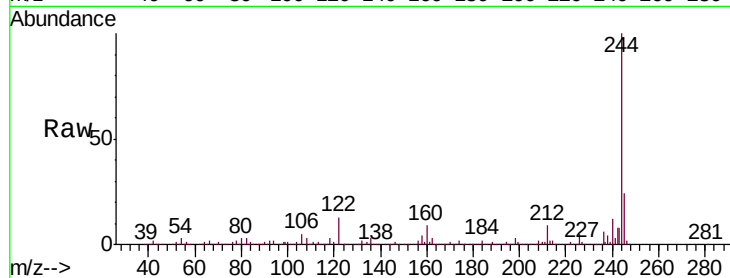
Tgt Ion:184 Resp: 26508

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

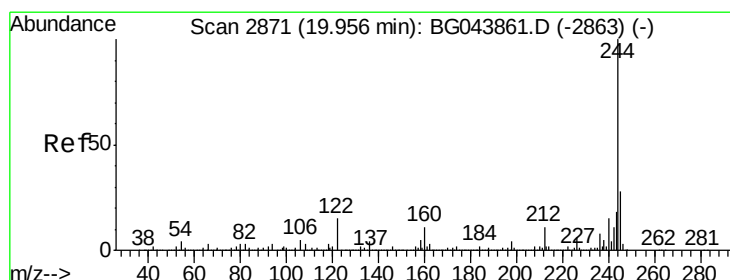
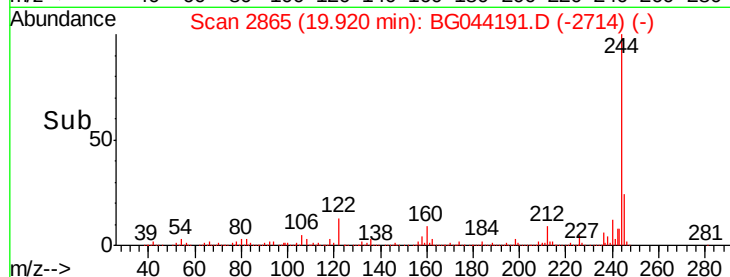
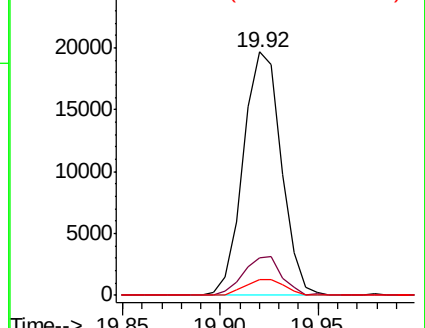
183 6.5 10.6 15.8#



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: 90.271 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

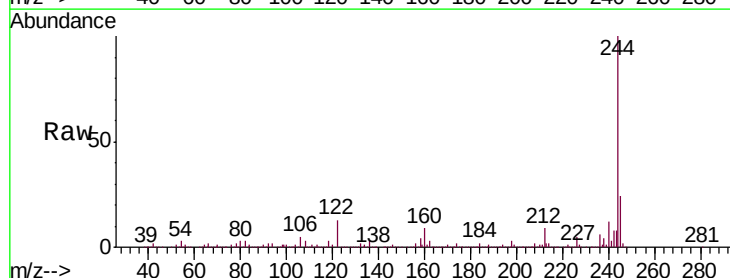
Tgt Ion:244 Resp: 1594484

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

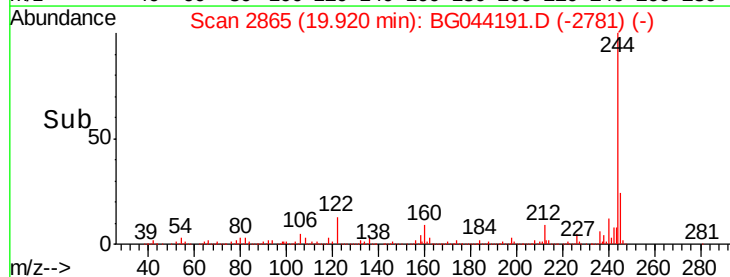
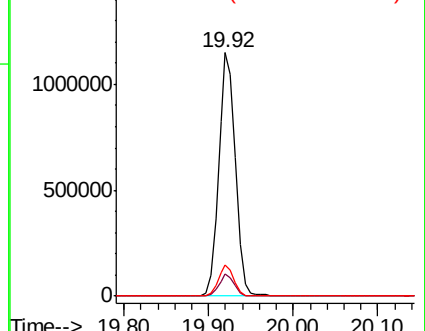
122 12.6 11.9 17.9

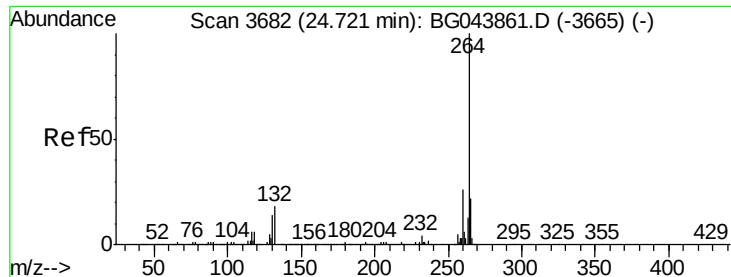


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3672
Delta R.T. -0.06 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.6	17.4	26.2

