

Data File : BG044203.D
Acq On : 25 Jan 2020 5:44
Operator : CG/JU
Sample : L1242-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20200054-FIELD-DUP-COMP

Quant Time: Jan 27 00:51:58 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

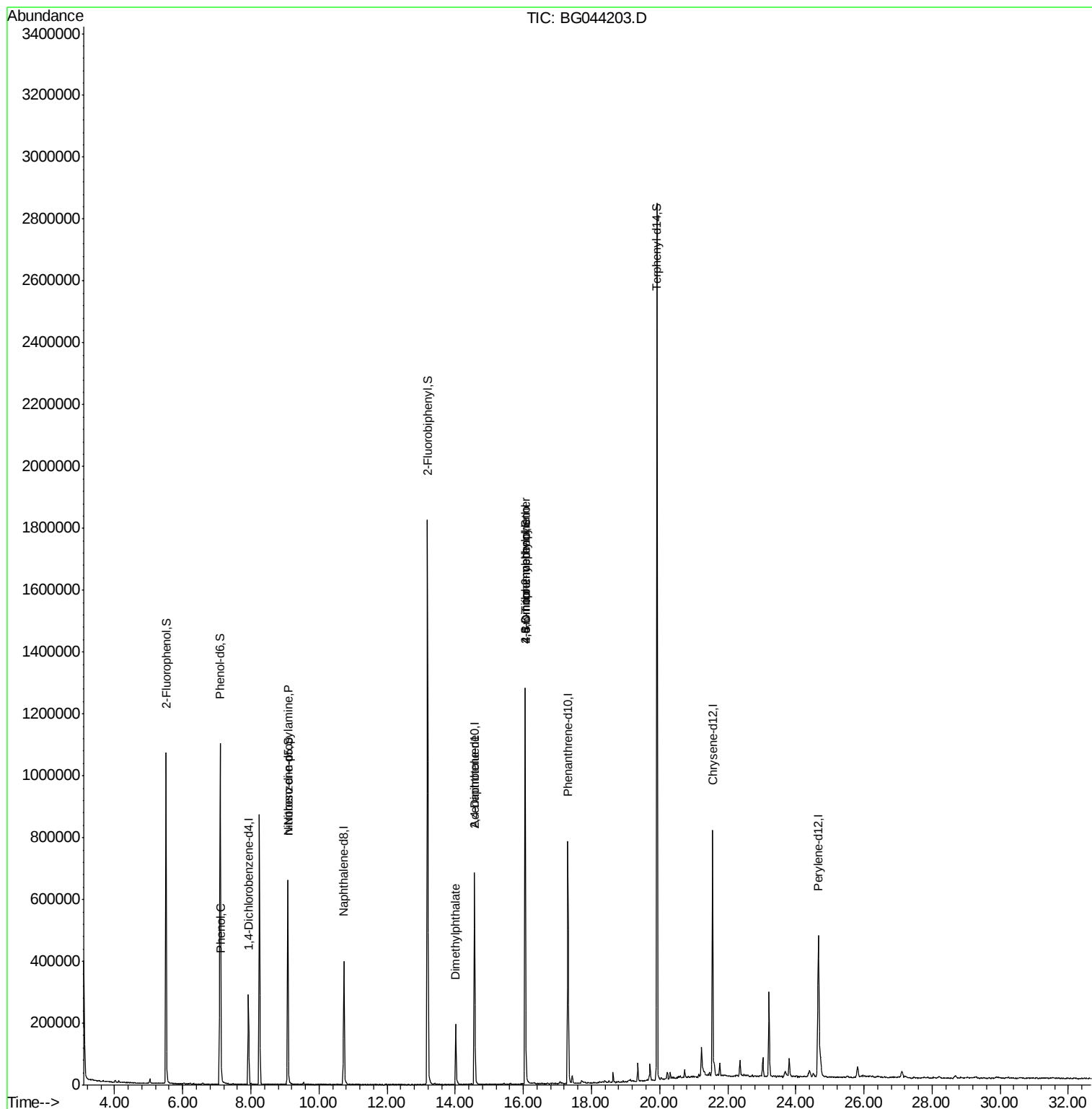
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84436	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	380068	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	259944	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	507026	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	436850	20.00	ng	-0.04
87) Perylene-d12	24.66	264	488783	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	524324	114.02	ng	-0.03
7) Phenol-d6	7.10	99	722276	112.36	ng	-0.02
23) Nitrobenzene-d5	9.09	82	442657	62.31	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	256669	94.35	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1013940	70.67	ng	-0.04
79) Terphenyl-d14	19.92	244	1316731	68.92	ng	-0.04
Target Compounds						
10) Phenol	7.12	94	31752	4.794	ng	98
19) n-Nitroso-di-n-propylamine	9.08	70	57428	11.997	ng	# 78
50) Dimethylphthalate	14.02	163	156523	8.480	ng	96
57) 2,4-Dinitrotoluene	14.56	165	33359	5.877	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	674	4.624	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	18158	3.184	ng	# 1

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

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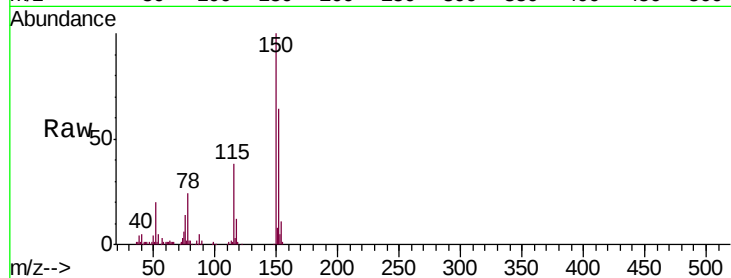


#1

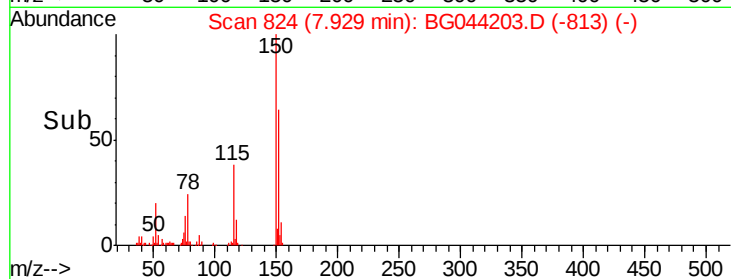
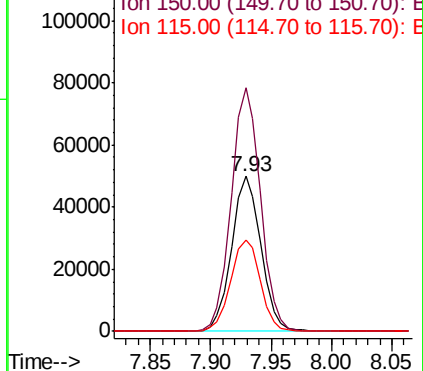
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

Instrument :
BNA_G
ClientSampleId :
20200054-FIELD-DUP-COMP

Tgt Ion:152 Resp: 84436
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.4
115 59.3 47.8 71.8



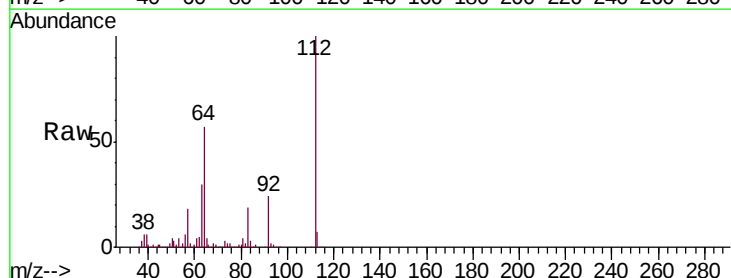
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



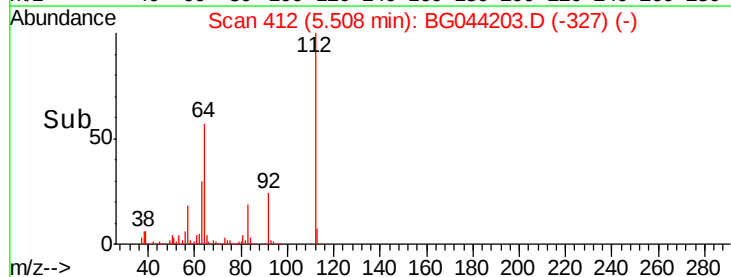
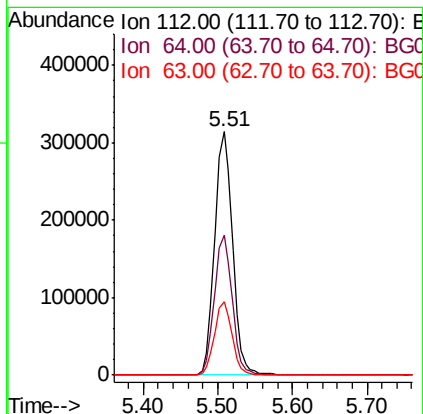
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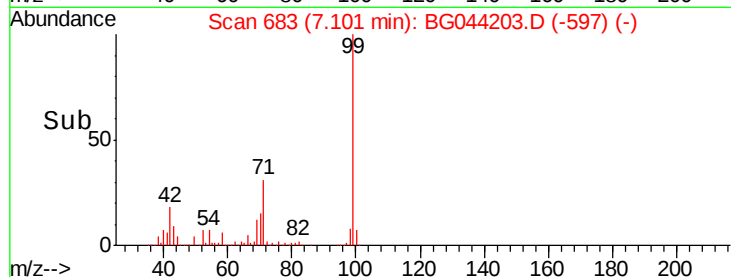
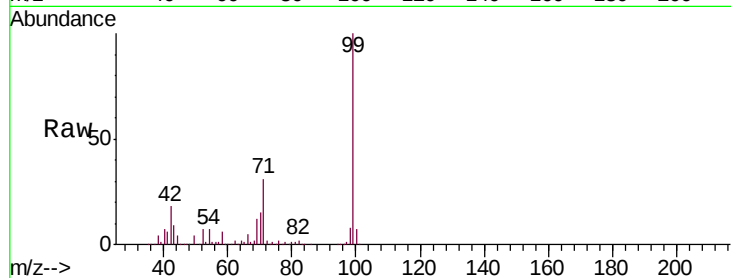
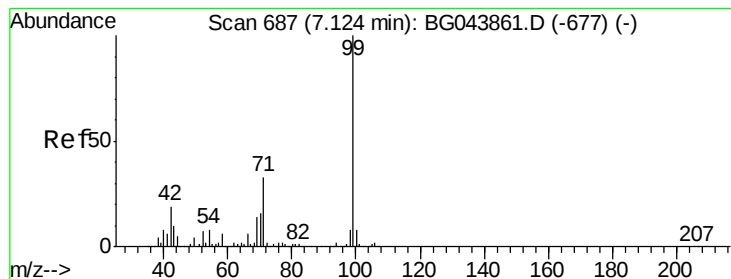
2-Fluorophenol
Concen: 114.018 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

Tgt Ion:112 Resp: 524324
Ion Ratio Lower Upper
112 100
64 57.5 47.8 71.6
63 29.9 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: 112.364 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044203.D

Acq: 25 Jan 2020 5:44

Instrument :

BNA_G

ClientSampleId :

20200054-FIELD-DUP-COMP

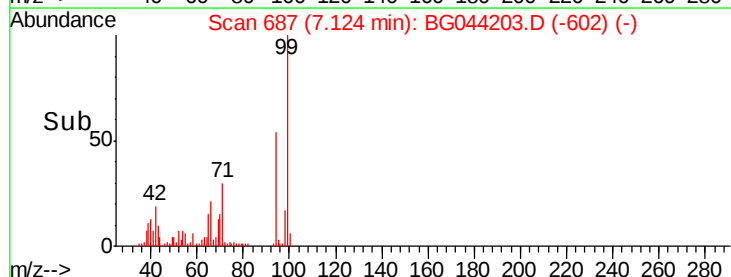
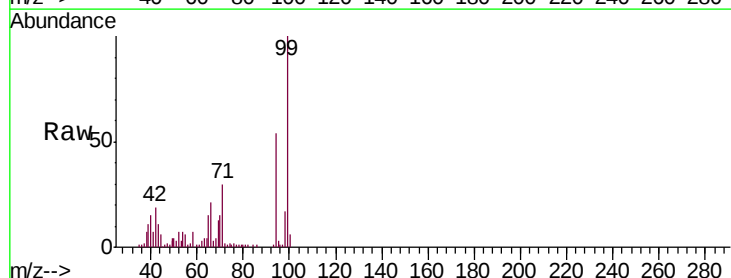
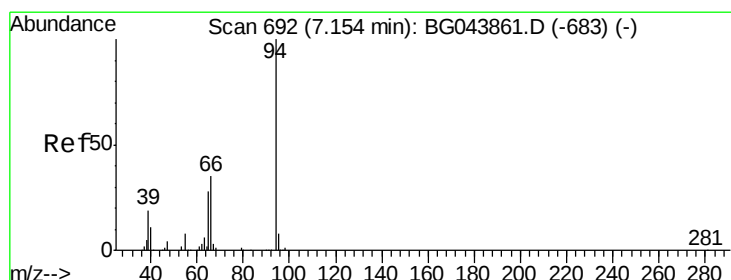
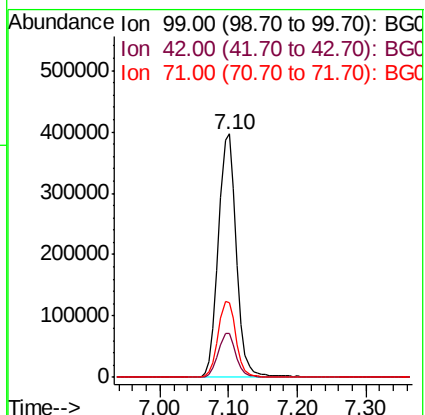
Tgt Ion: 99 Resp: 722276

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

71 30.7 26.4 39.6



#10

Phenol

Concen: 4.794 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044203.D

Acq: 25 Jan 2020 5:44

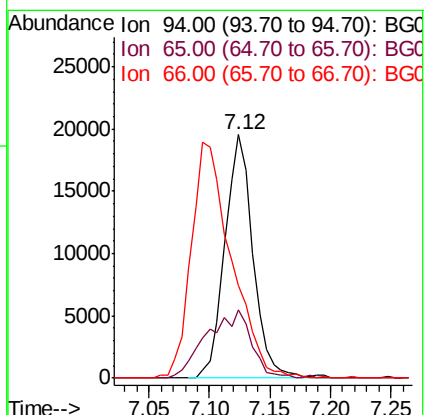
Tgt Ion: 94 Resp: 31752

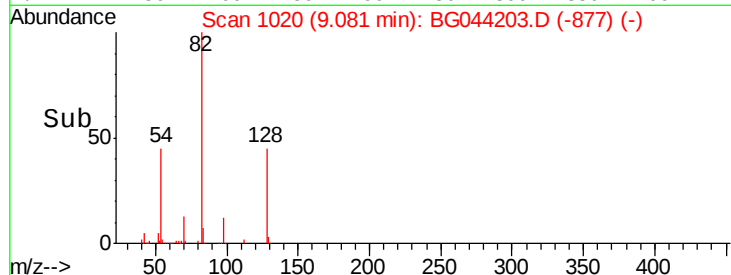
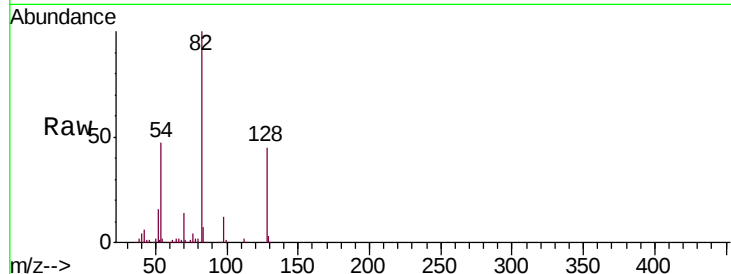
Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

66 37.9 15.6 55.6

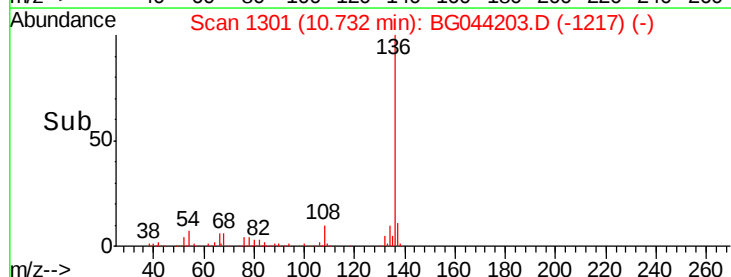
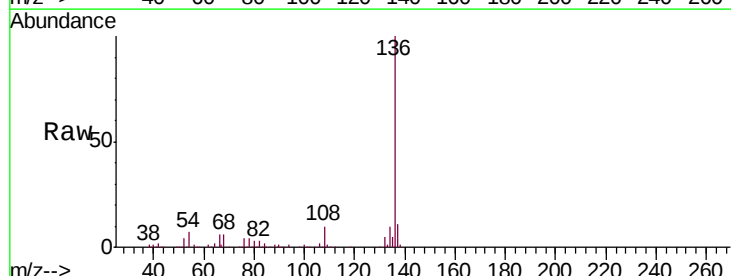
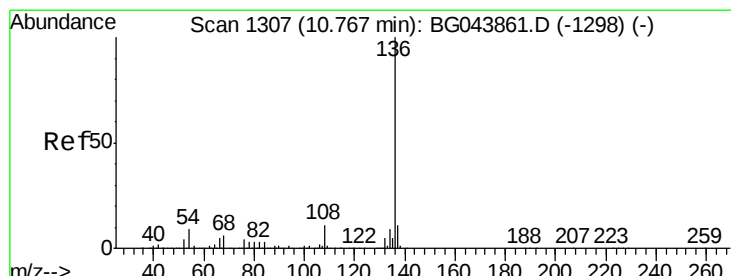
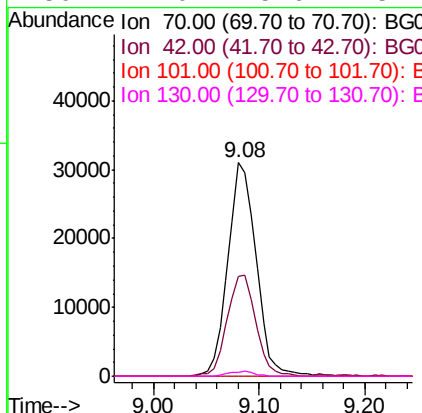




#19
n-Nitroso-di-n-propylamine
Concen: 11.997 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

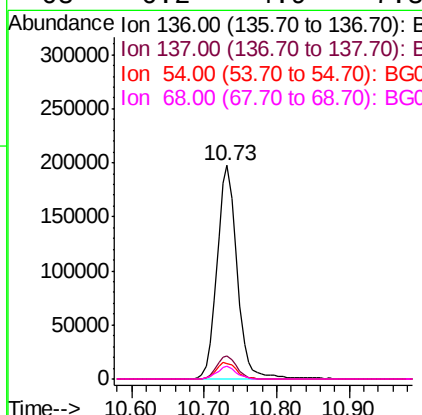
Instrument :
BNA_G
ClientSampleId :
20200054-FIELD-DUP-COMP

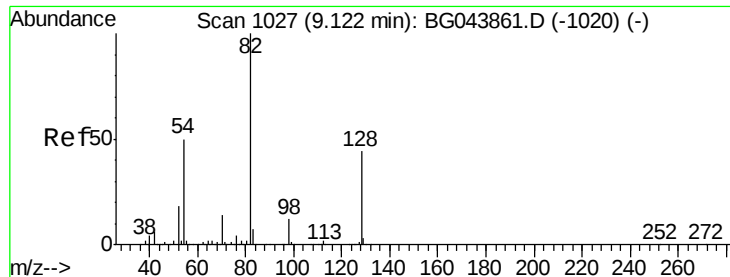
Tgt Ion: 70 Resp: 57428
Ion Ratio Lower Upper
70 100
42 46.6 47.0 70.4#
101 0.0 7.2 10.8#
130 2.0 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

Tgt Ion: 136 Resp: 380068
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 7.0 10.4
68 6.2 4.9 7.3

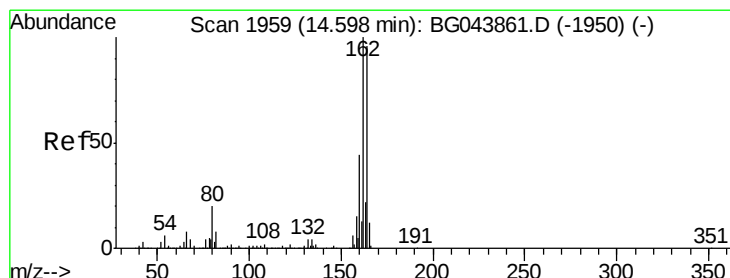
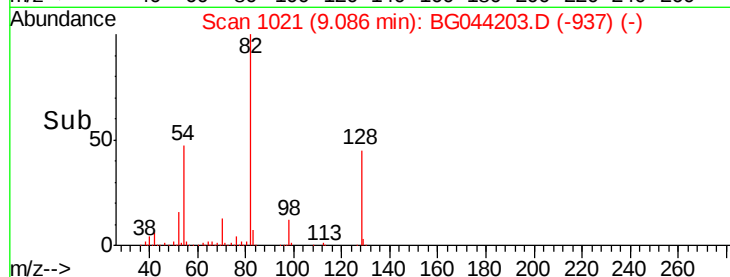
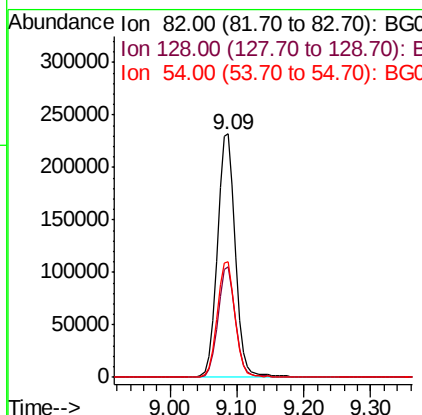
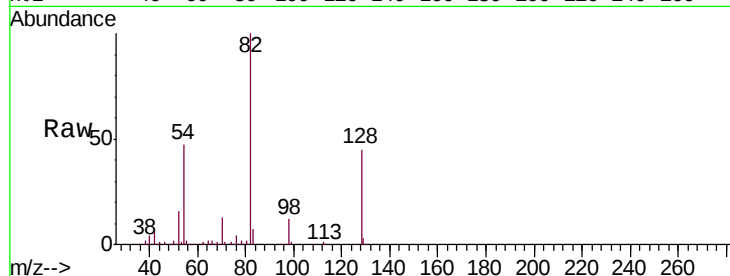




#23
 Nitrobenzene-d5
 Concen: 62.305 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044203.D
 Acq: 25 Jan 2020 5:44

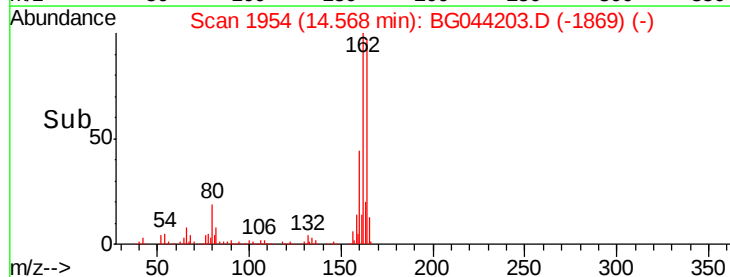
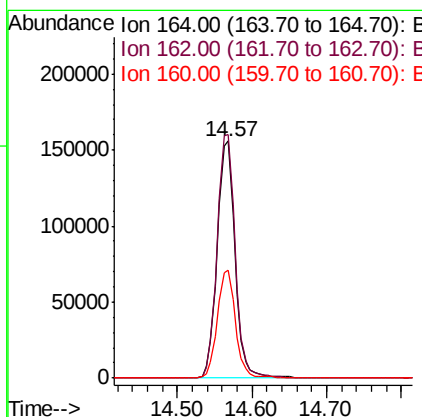
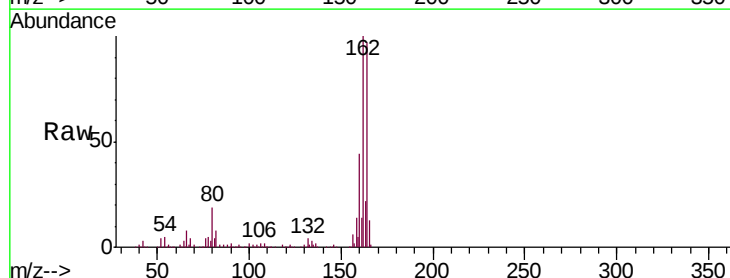
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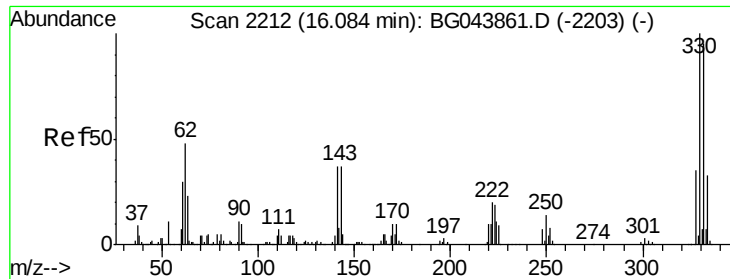
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.1	52.7
54	47.3	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BG044203.D
 Acq: 25 Jan 2020 5:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.4
160	45.5	36.1	54.1

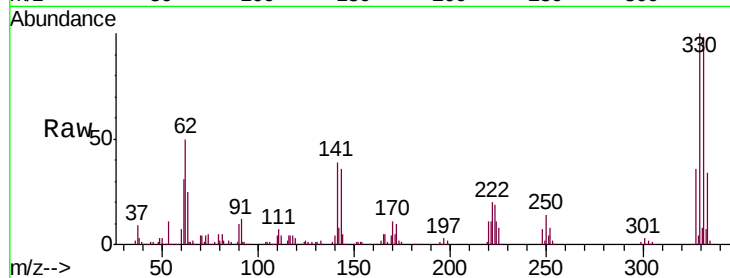




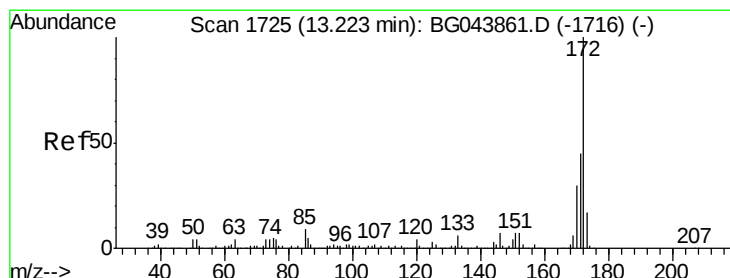
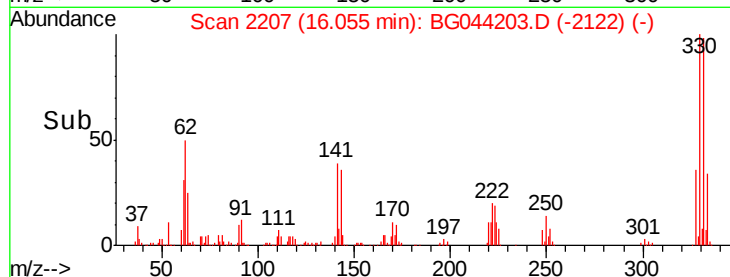
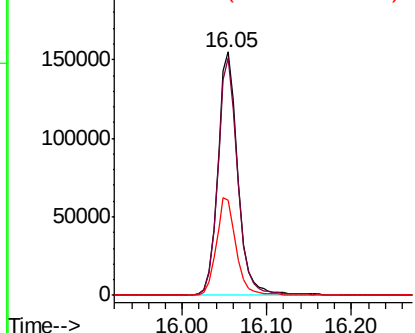
#42
 2,4,6-Tribromophenol
 Concen: 94.355 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044203.D
 Acq: 25 Jan 2020 5:44

Instrument :
 BNA_G
 ClientSampleId :
 20200054-FIELD-DUP-COMP

Tgt Ion:330 Resp: 256669
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 40.1 33.1 49.7

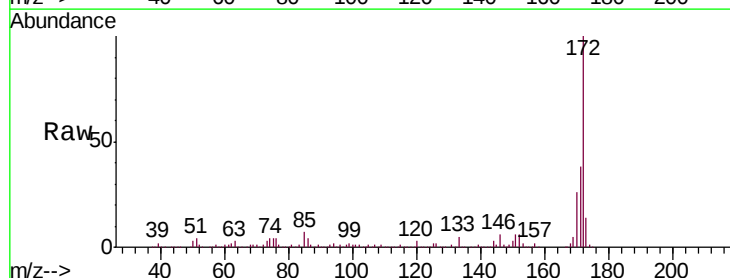


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

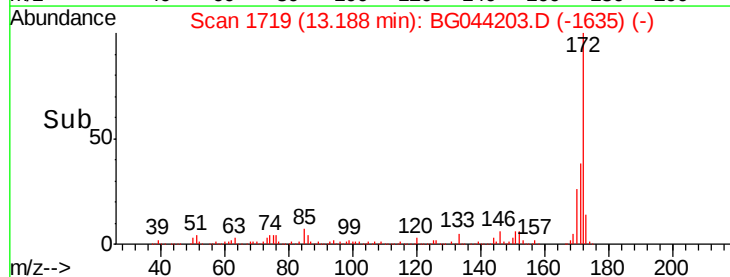
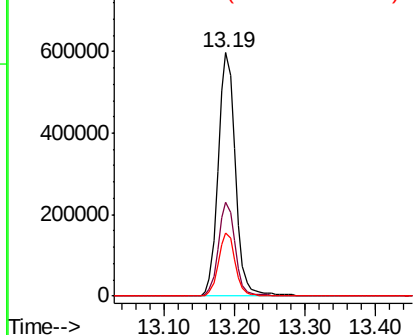


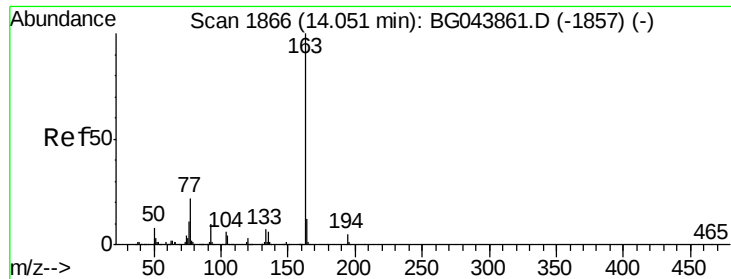
#45
 2-Fluorobiphenyl
 Concen: 70.670 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044203.D
 Acq: 25 Jan 2020 5:44

Tgt Ion:172 Resp: 1013940
 Ion Ratio Lower Upper
 172 100
 171 38.4 35.8 53.8
 170 26.2 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: 8.480 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.04 min

Lab File: BG044203.D

Acq: 25 Jan 2020 5:44

Instrument :

BNA_G

ClientSampleId :

20200054-FIELD-DUP-COMP

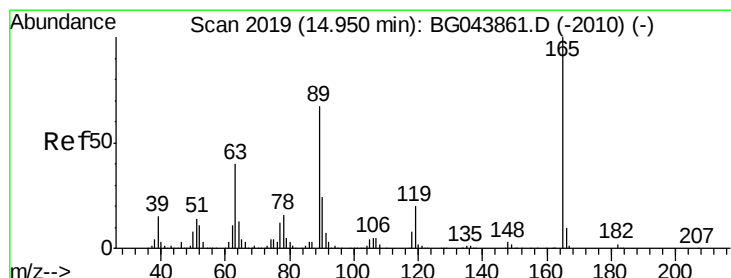
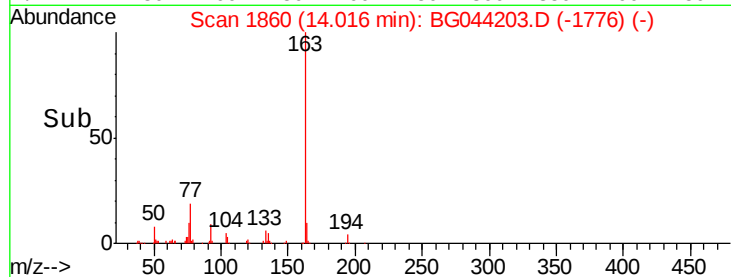
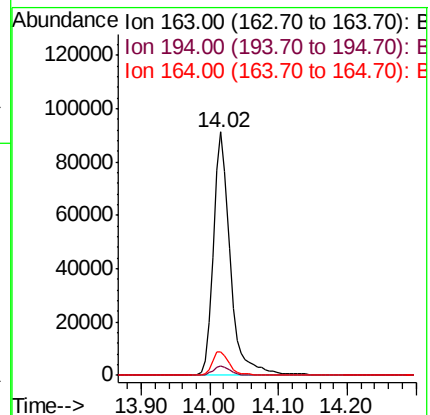
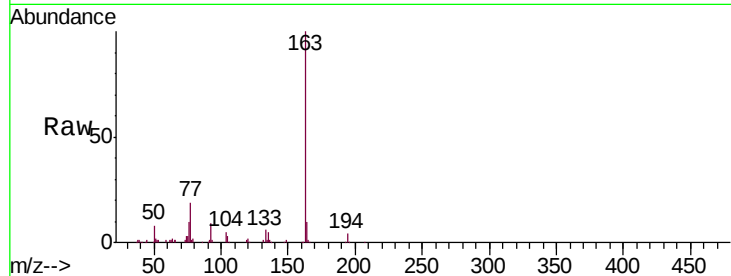
Tgt Ion:163 Resp: 156523

Ion Ratio Lower Upper

163 100

194 3.7 3.7 5.5

164 9.8 9.3 13.9



#57

2,4-Dinitrotoluene

Concen: 5.877 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044203.D

Acq: 25 Jan 2020 5:44

Tgt Ion:165 Resp: 33359

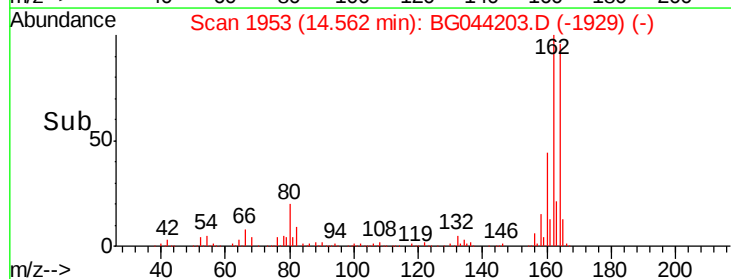
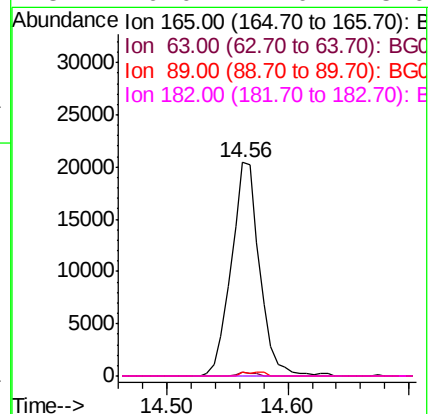
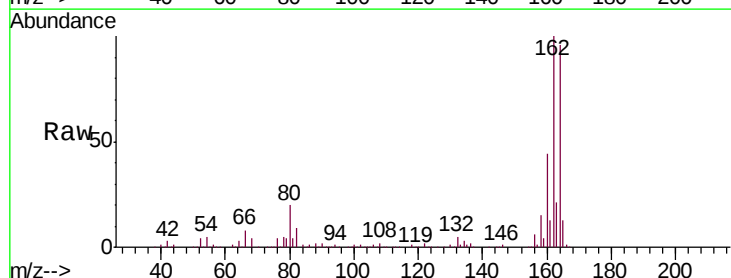
Ion Ratio Lower Upper

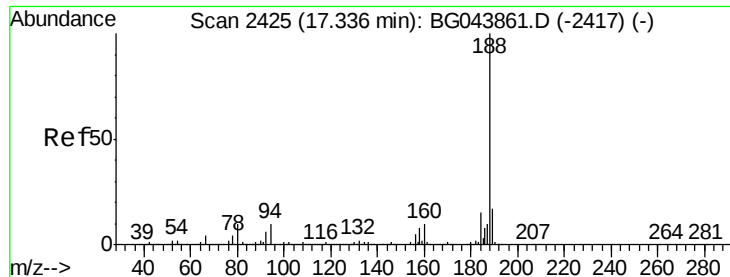
165 100

63 1.6 31.9 47.9#

89 1.6 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: BG044203.D

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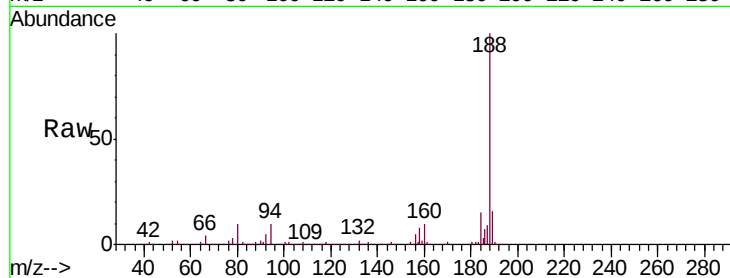
Tgt Ion:188 Resp: 507026

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.0 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

17.31

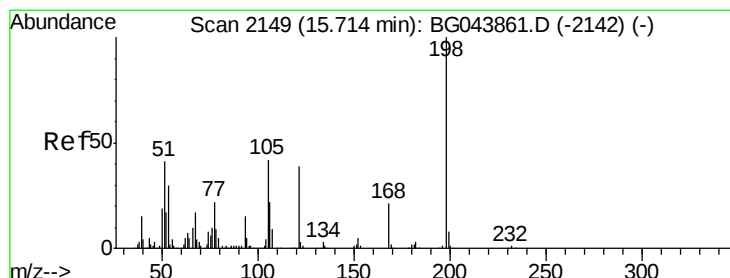
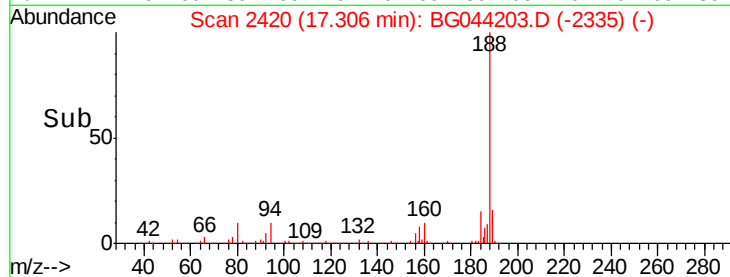
300000

200000

100000

0

Time--> 17.20 17.30 17.40



#65

4,6-Dinitro-2-methylphenol

Concen: 4.624 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.33 min

Lab File: BG044203.D

Acq: 25 Jan 2020 5:44

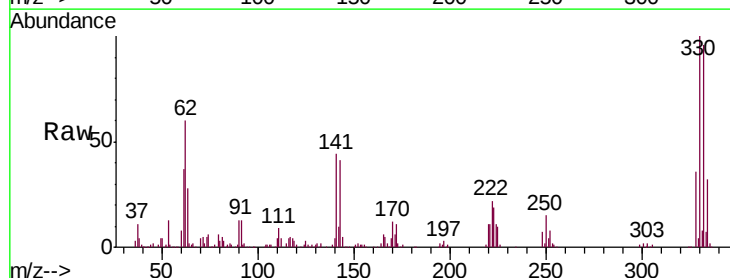
Tgt Ion:198 Resp: 674

Ion Ratio Lower Upper

198 100

51 117.7 22.5 62.5#

105 165.2 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

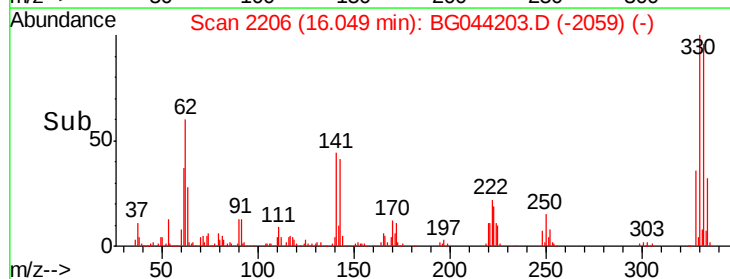
16.05

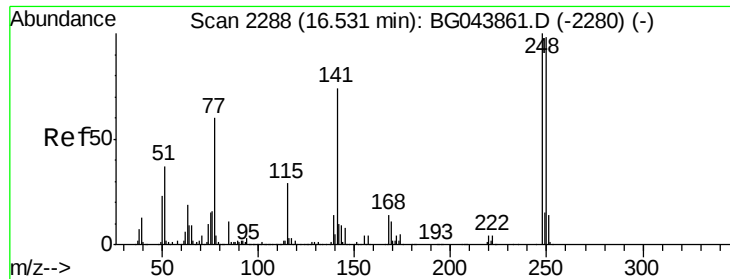
1000

500

0

Time--> 16.00 16.05

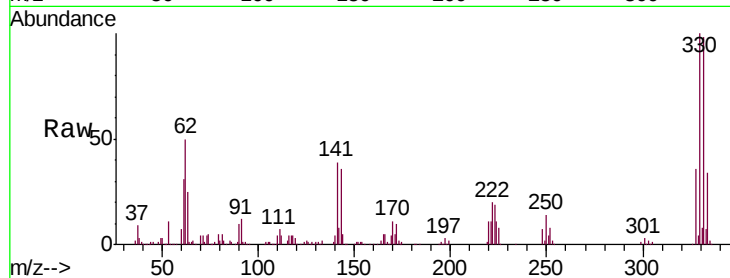




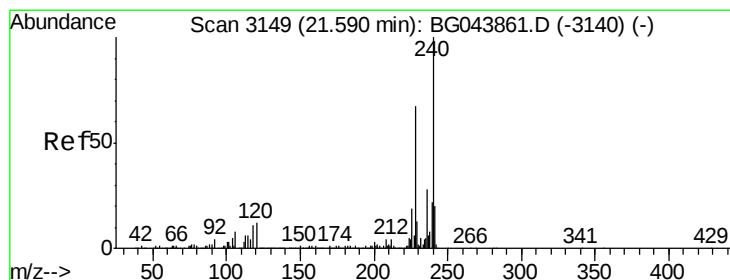
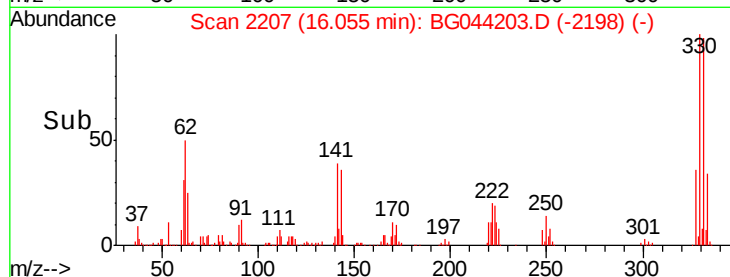
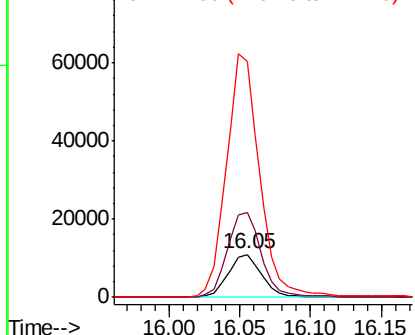
#67
 4-Bromophenyl-phenylether
 Concen: 3.184 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.48 min
 Lab File: BG044203.D
 Acq: 25 Jan 2020 5:44

Instrument :
 BNA_G
 ClientSampleId :
 20200054-FIELD-DUP-COMP

Tgt Ion:248 Resp: 18158
 Ion Ratio Lower Upper
 248 100
 250 197.5 78.2 117.2#
 141 546.7 59.3 88.9#

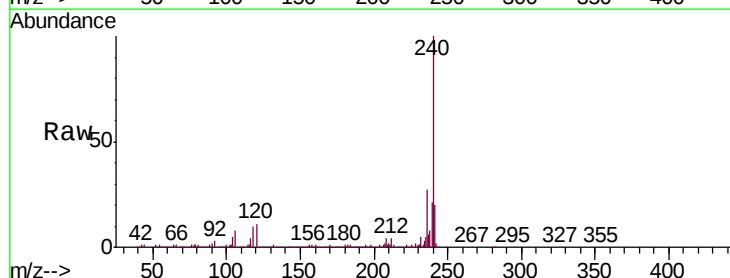


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

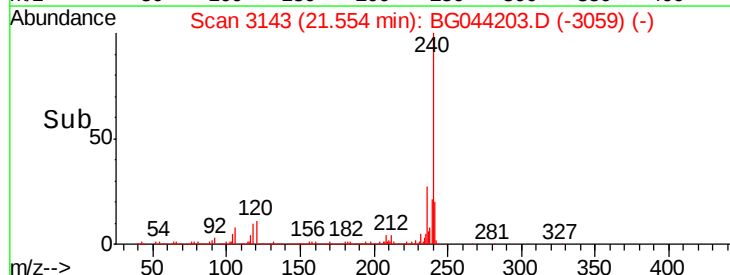
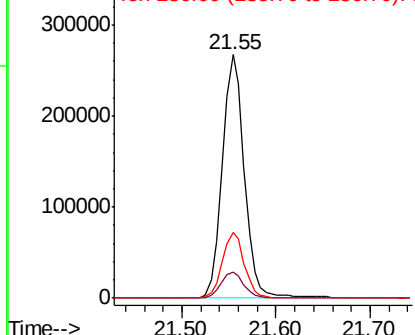


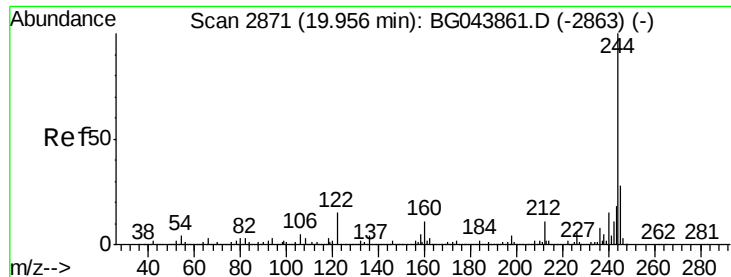
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.04 min
 Lab File: BG044203.D
 Acq: 25 Jan 2020 5:44

Tgt Ion:240 Resp: 436850
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.6 14.4
 236 27.1 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: 68.921 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044203.D

Acq: 25 Jan 2020 5:44

Instrument :

BNA_G

ClientSampleId :

20200054-FIELD-DUP-COMP

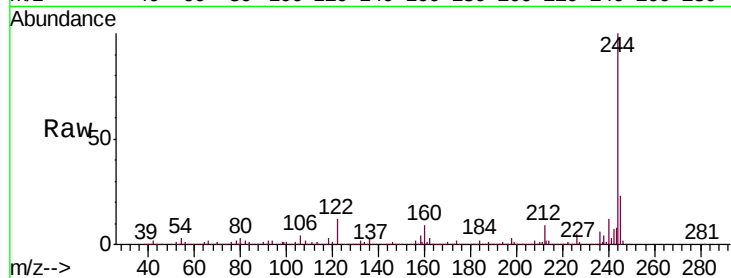
Tgt Ion:244 Resp: 1316731

Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	12.1	11.9	17.9

244 100

212 8.7 8.6 13.0

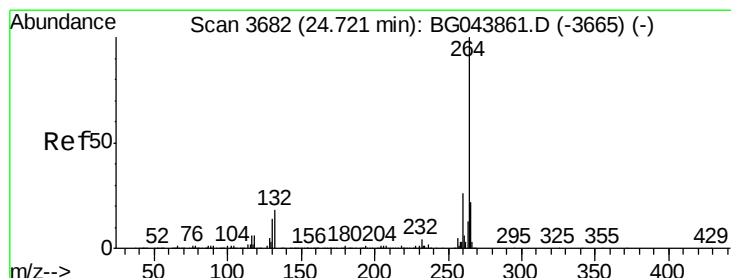
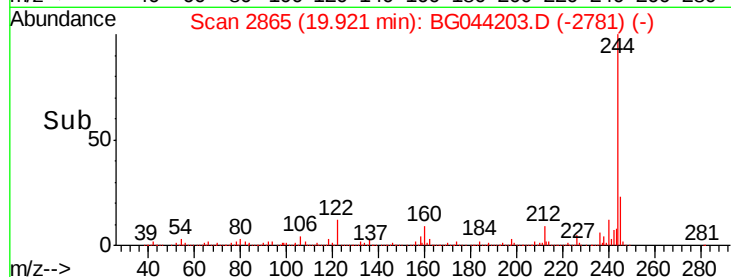
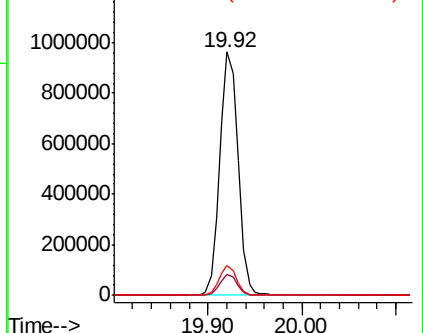
122 12.1 11.9 17.9



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: BG044203.D

Acq: 25 Jan 2020 5:44

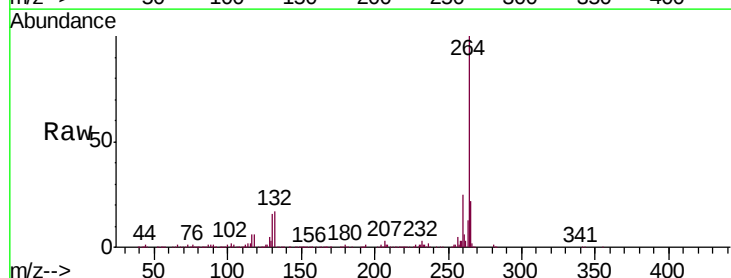
Tgt Ion:264 Resp: 488783

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	21.6	17.4	26.2

264 100

260 25.1 20.4 30.6

265 21.6 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

