

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 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 04:38:24 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

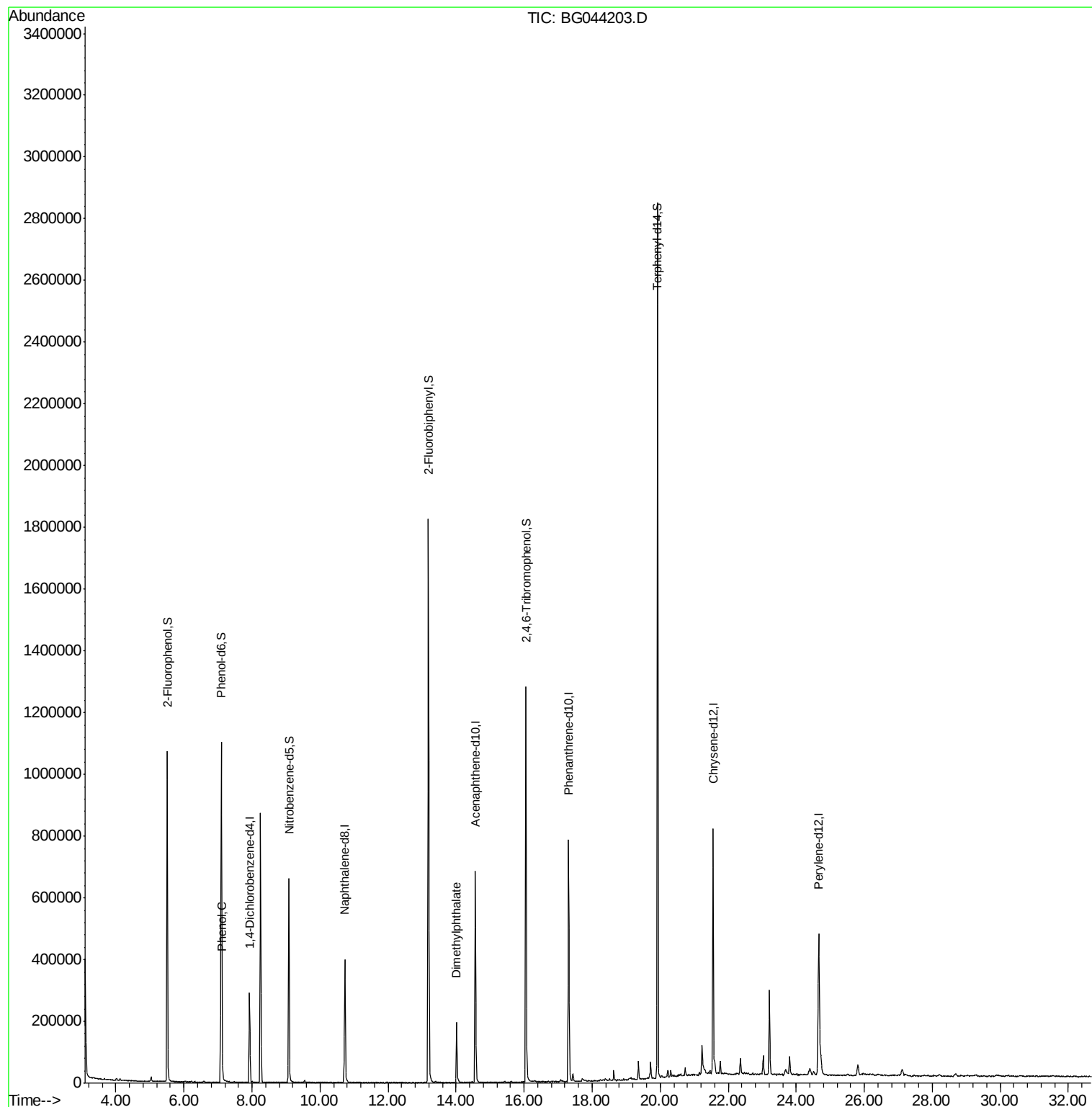
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84436	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	380068	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	259944	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	507026	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	436850	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
50) Dimethylphthalate	14.02	163	156523	8.480	ng	96

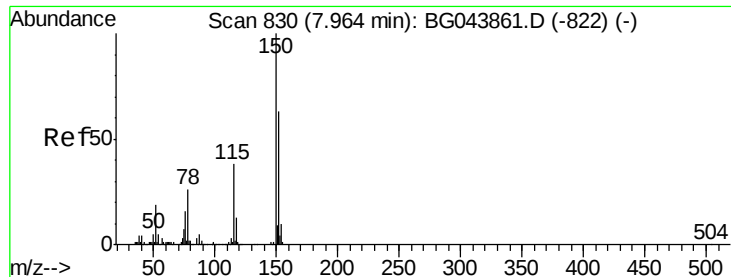
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
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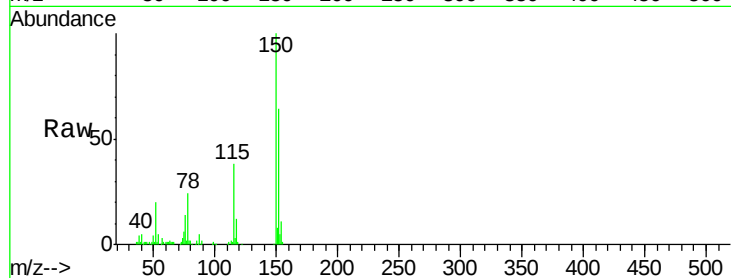


#1

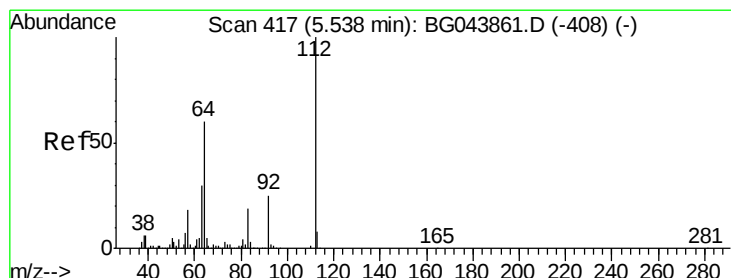
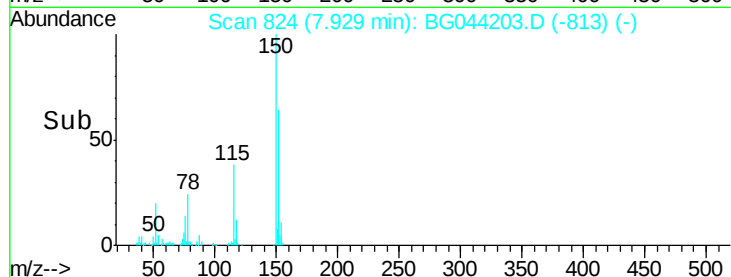
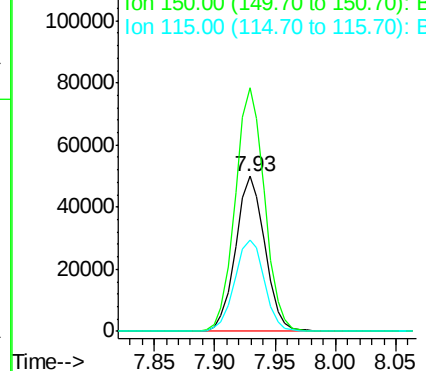
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.0	190.4
115	59.3	47.8	71.8



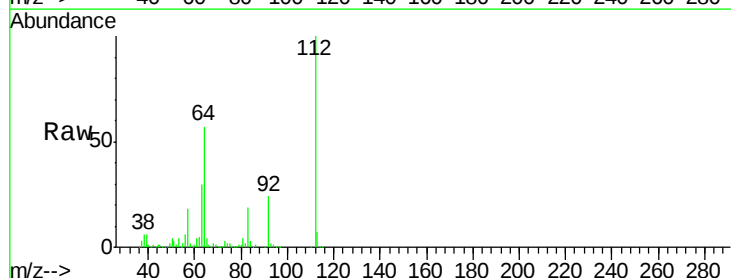
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



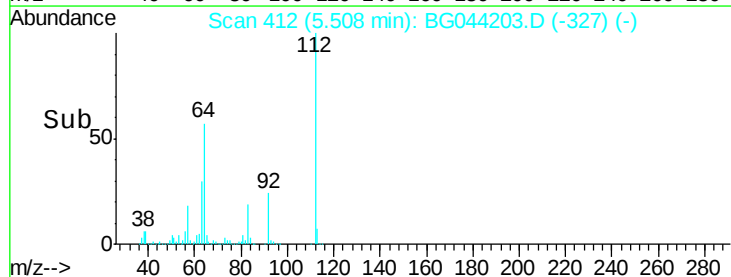
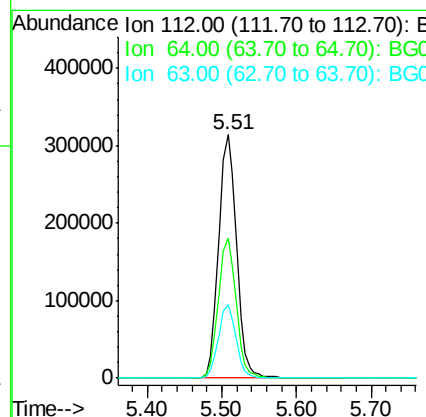
#5

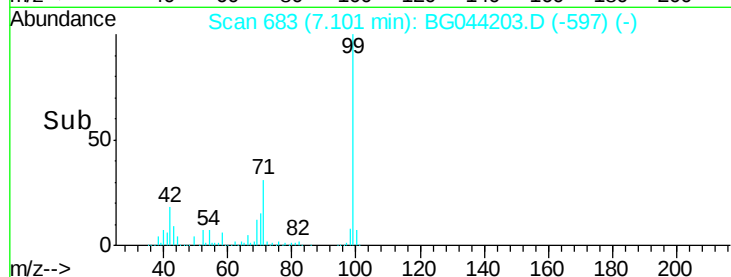
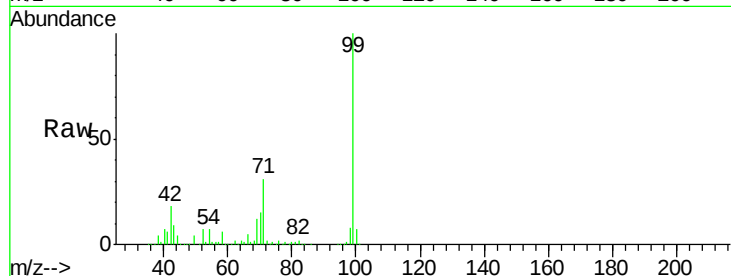
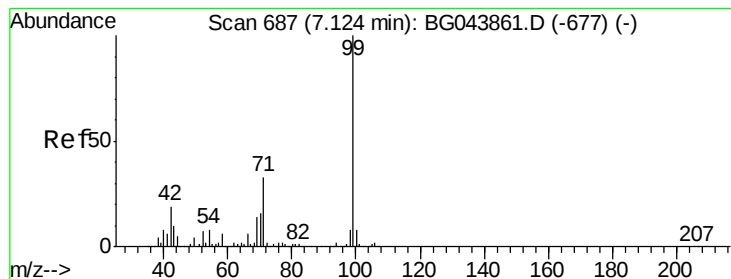
2-Fluorophenol
Concen: 114.018 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

Tgt Ion	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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#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

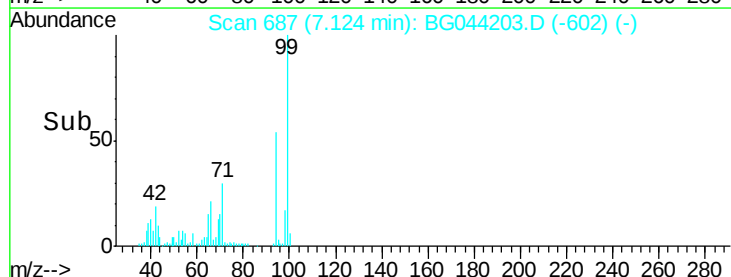
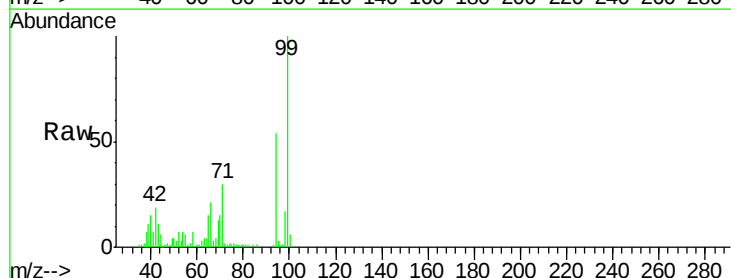
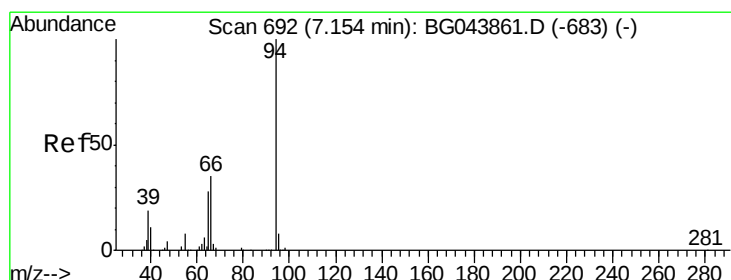
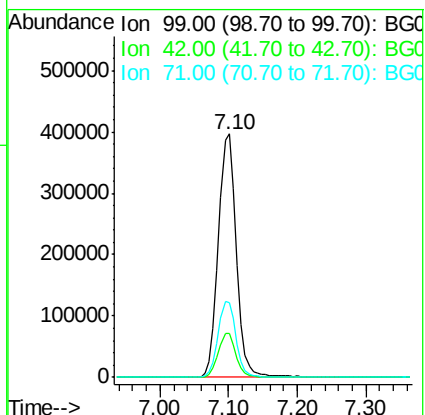
Tot Ion: 99 Resp: 722276

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

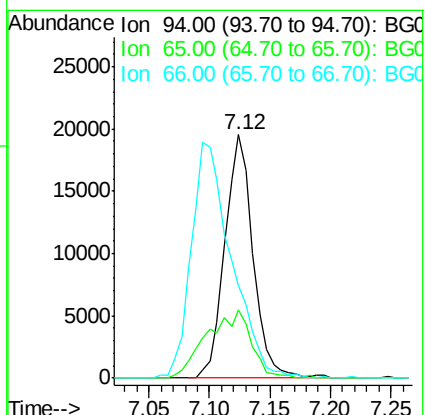
Tgt Ion: 94 Resp: 31752

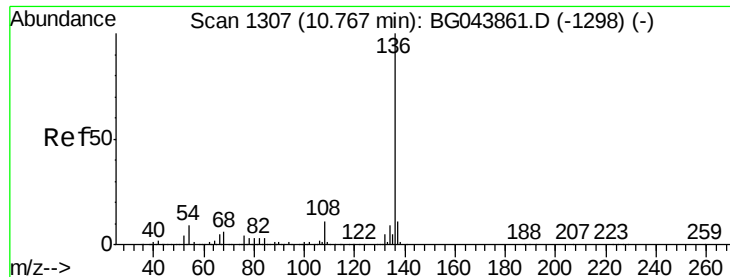
Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

66 37.9 15.6 55.6

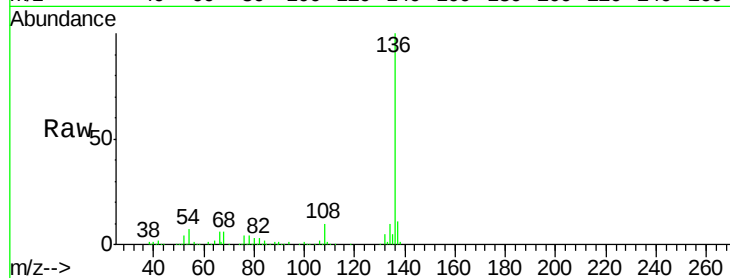




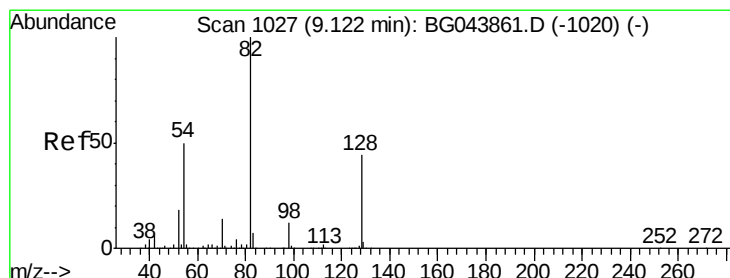
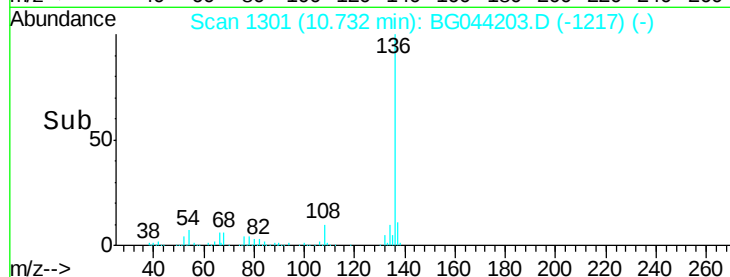
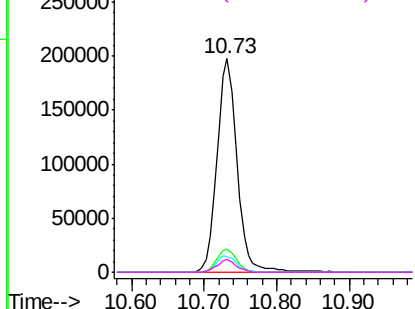
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

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

Tot 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

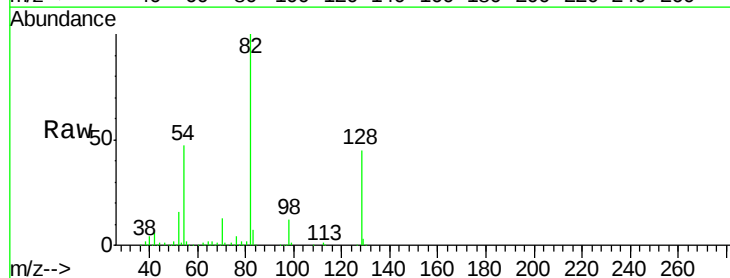


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

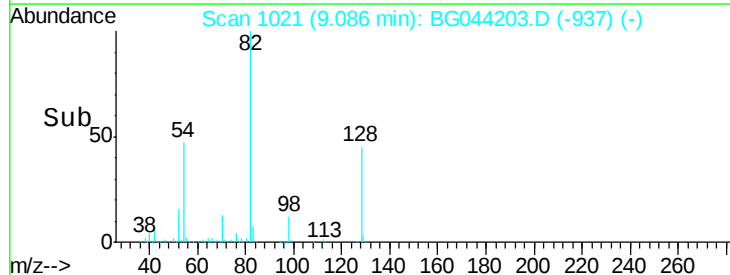
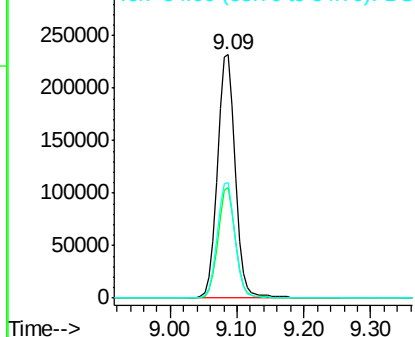


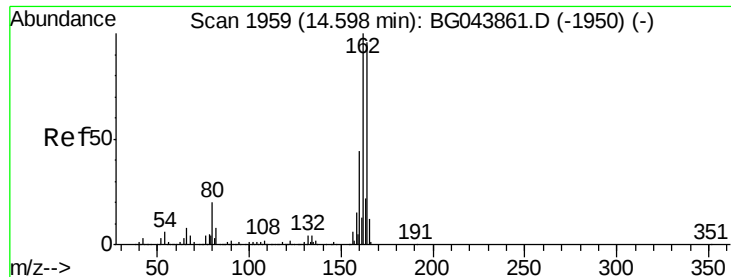
#23
Nitrobenzene-d5
Concen: 62.305 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

Tgt Ion: 82	Resp:	442657
Ion Ratio	Lower	Upper
82	100	
128	45.2	35.1 52.7
54	47.3	40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

20200054-FIELD-DUP-COMP

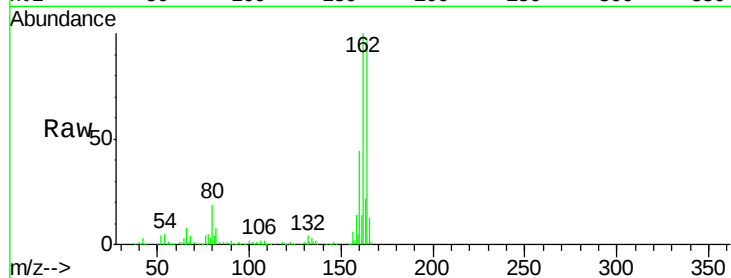
Tot Ion:164 Resp: 259944

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.4

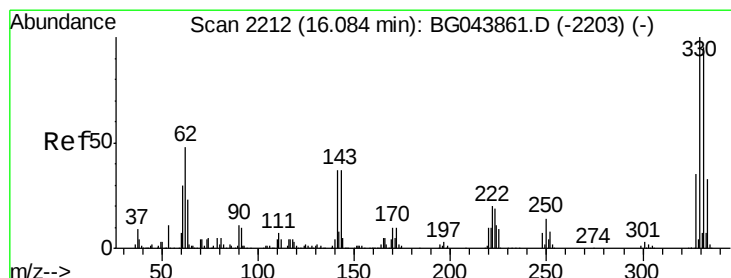
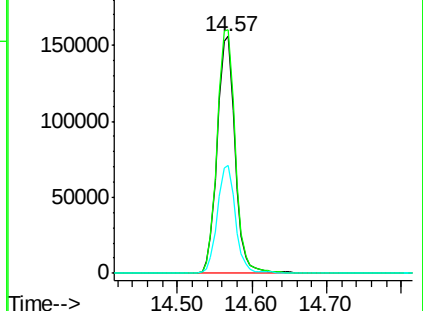
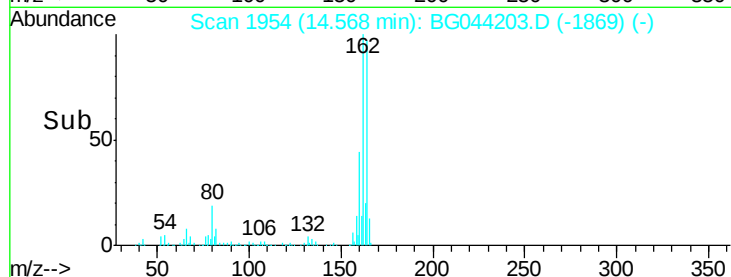
160 45.5 36.1 54.1



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: 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

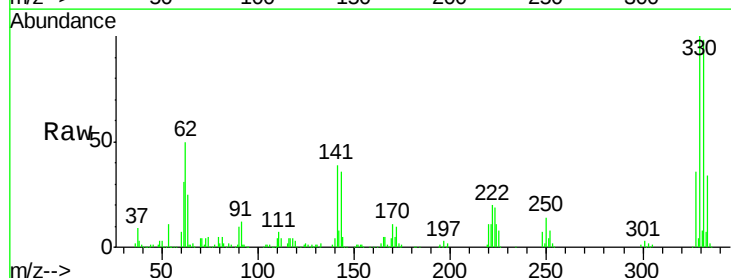
Tgt Ion:330 Resp: 256669

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

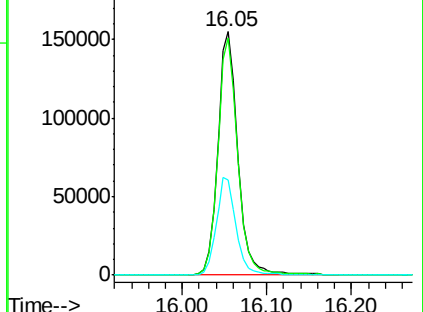
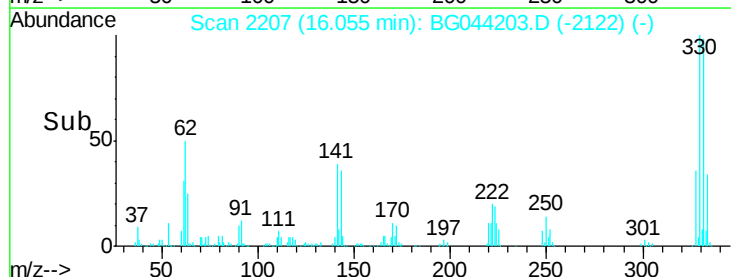
141 40.1 33.1 49.7

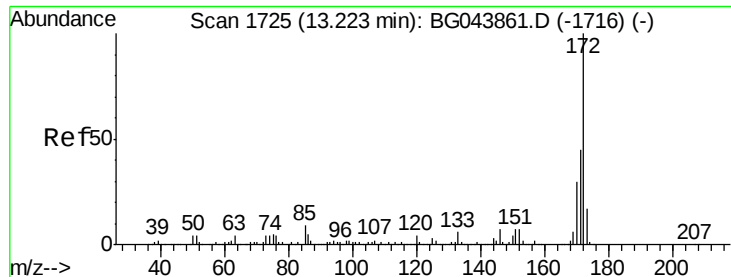


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

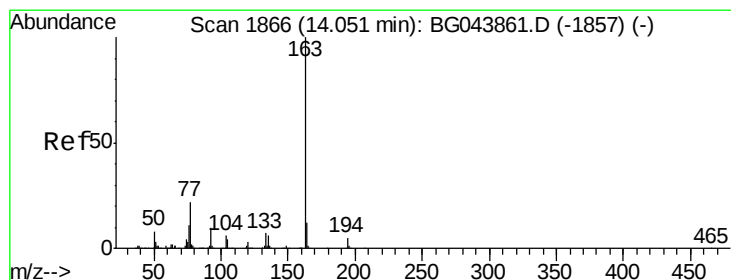
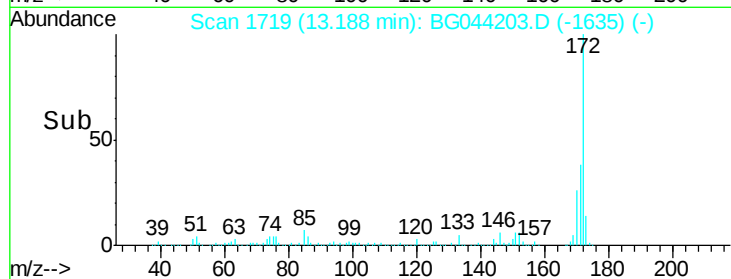
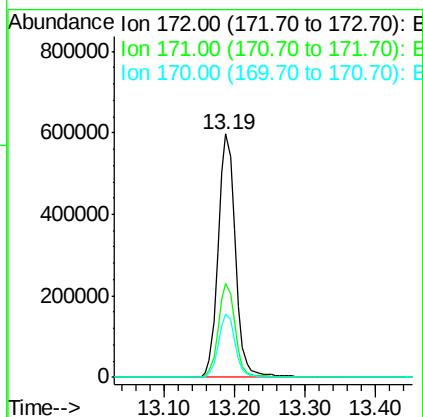
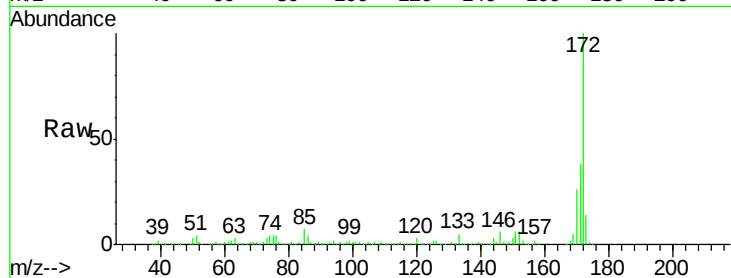




#45
2-Fluorobiphenyl
Concen: 70.670 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044203.D
Acq: 25 Jan 2020 5:44

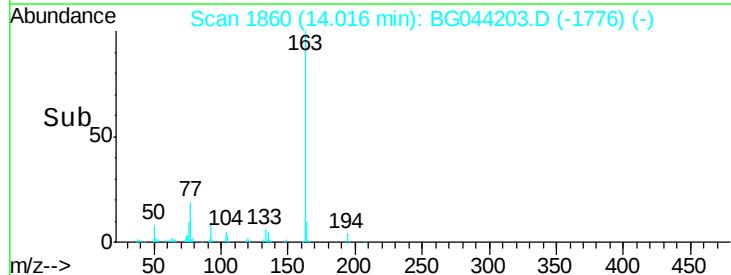
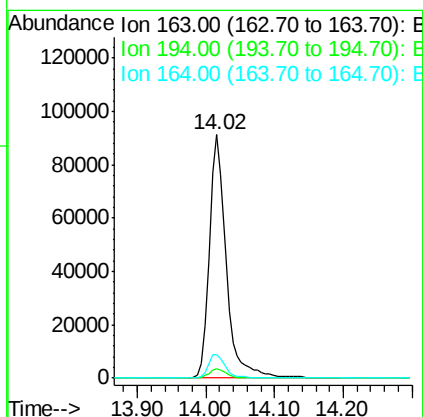
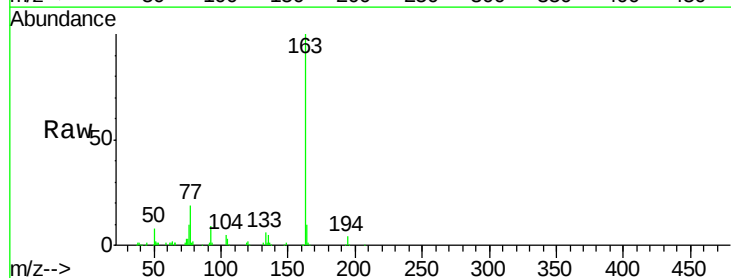
Instrument :
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20200054-FIELD-DUP-COMP

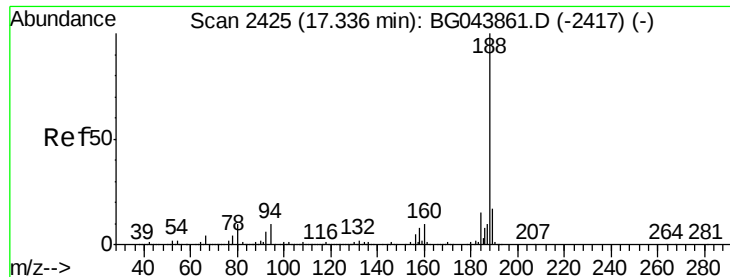
Tot Ion:172 Resp: 1013940
Ion Ratio Lower Upper
172 100
171 38.4 35.8 53.8
170 26.2 24.2 36.4



#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

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044203.D

Acq: 25 Jan 2020 5:44

Instrument :

BNA_G

ClientSampleId :

20200054-FIELD-DUP-COMP

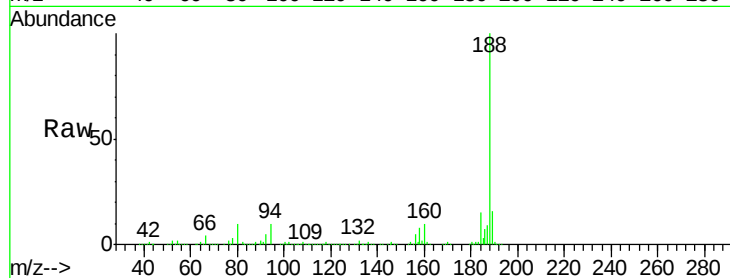
Tot Ion:188 Resp: 507026

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

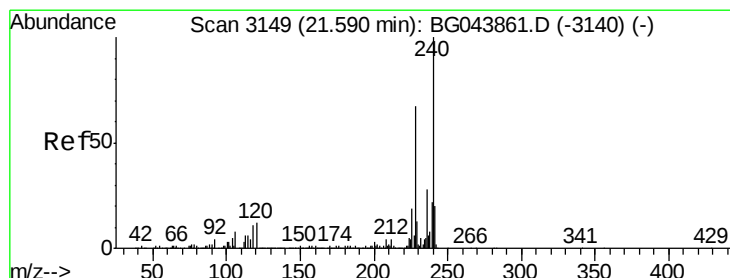
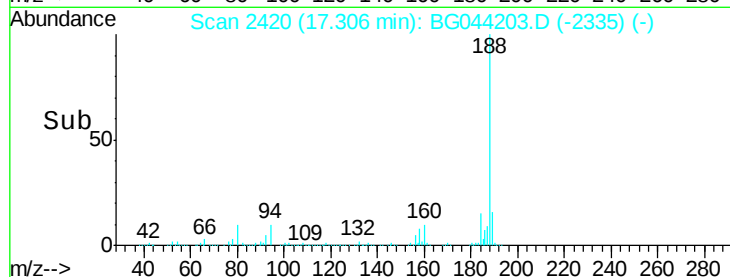
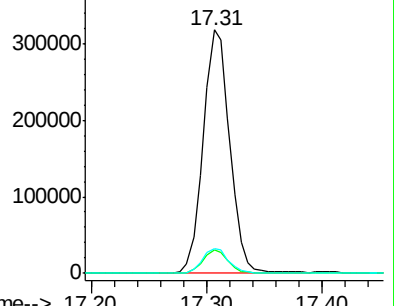
80 10.0 8.2 12.4



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



#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

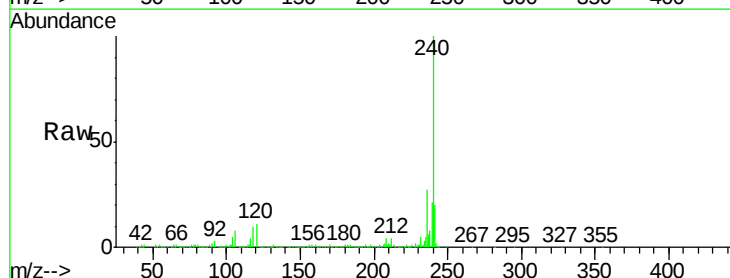
Tgt Ion:240 Resp: 436850

Ion Ratio Lower Upper

240 100

120 10.7 9.6 14.4

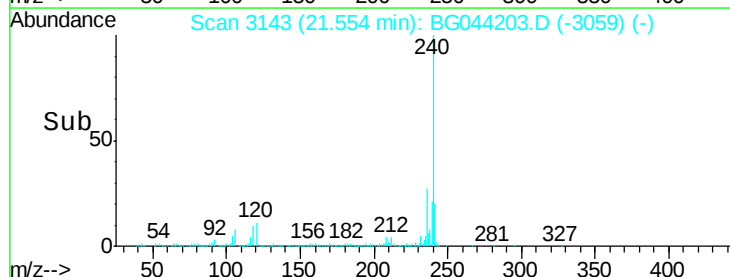
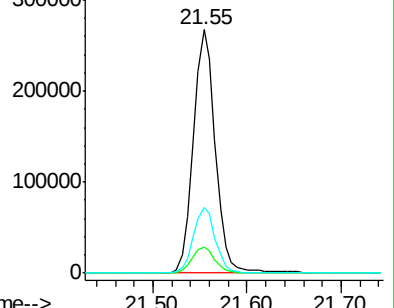
236 27.1 22.2 33.2

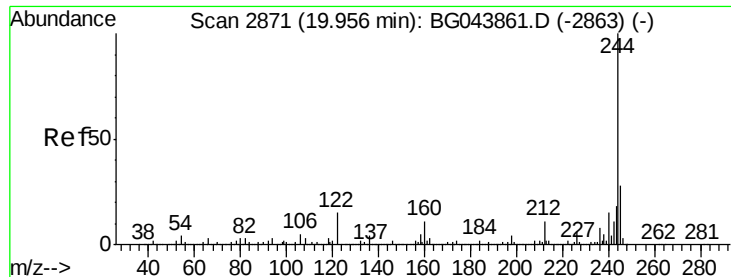


Abundance Ion 240.00 (239.70 to 240.70): E

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

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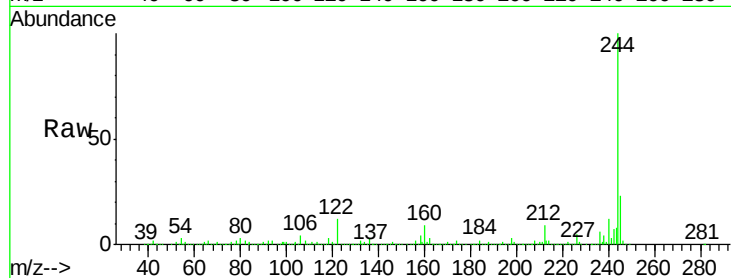
Tot Ion:244 Resp: 1316731

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

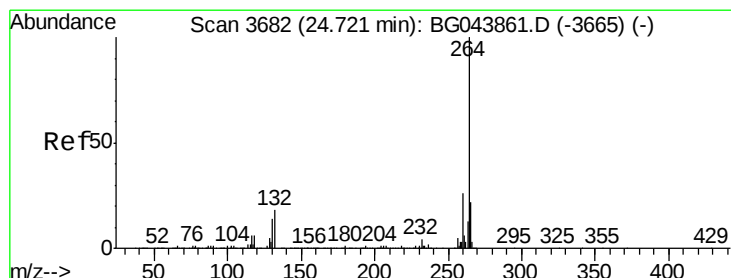
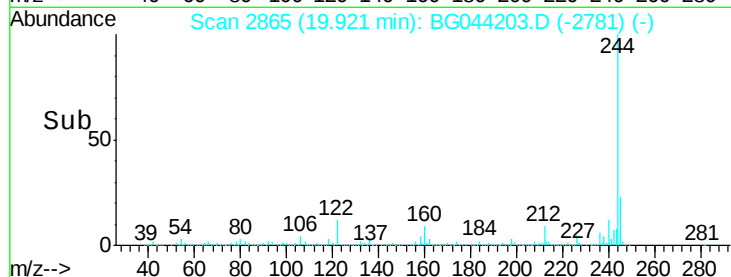
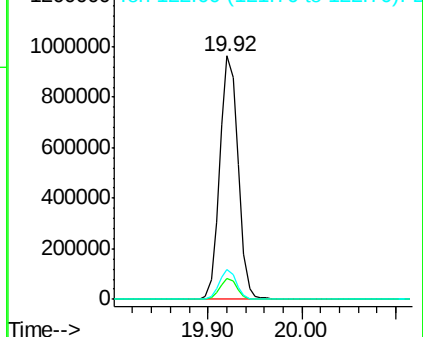
122 12.1 11.9 17.9



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

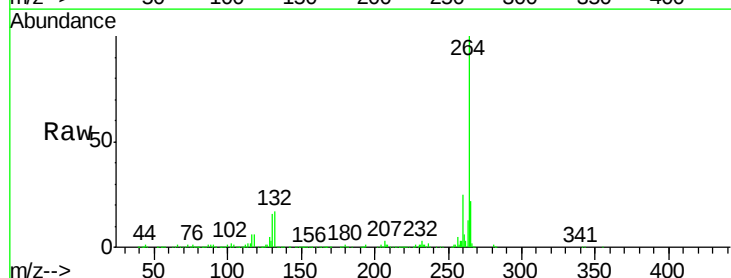
Tgt Ion:264 Resp: 488783

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 21.6 17.4 26.2



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

