

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044219.D
 Acq On : 27 Jan 2020 17:30
 Operator : CG/JU
 Sample : L1245-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200064-AMENDED-COMP-2

Quant Time: Jan 28 01:14:15 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

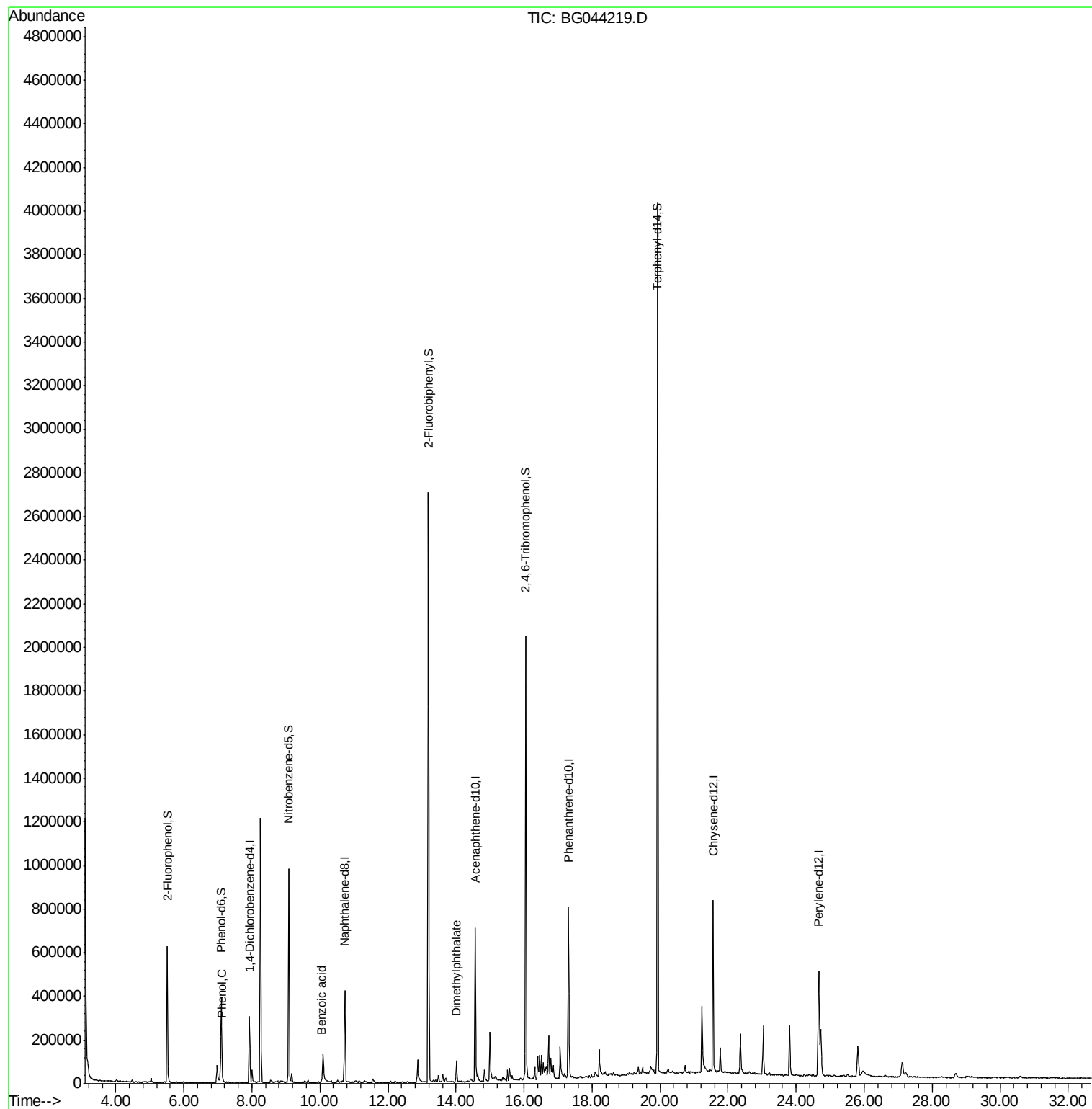
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	92228	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	394245	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	259659	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	504054	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	443713	20.00	ng	-0.03
87) Perylene-d12	24.67	264	505705	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	320691	63.84	ng	-0.03
7) Phenol-d6	7.10	99	258654	36.84	ng	-0.03
23) Nitrobenzene-d5	9.08	82	632904	85.88	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	393064	144.65	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1452743	101.37	ng	-0.03
79) Terphenyl-d14	19.92	244	1861836	108.43	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	15337	2.120	ng	93
32) Benzoic acid	10.05	122	3539	6.989	ng	# 83
50) Dimethylphthalate	14.01	163	68190	3.699	ng	# 98

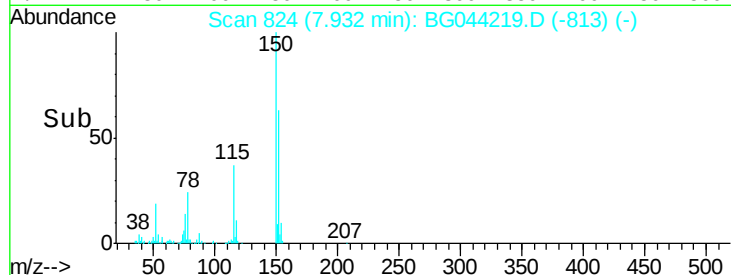
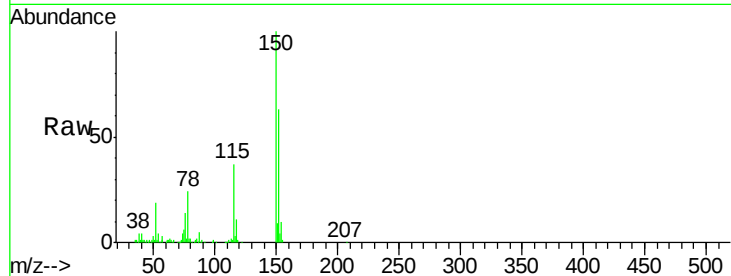
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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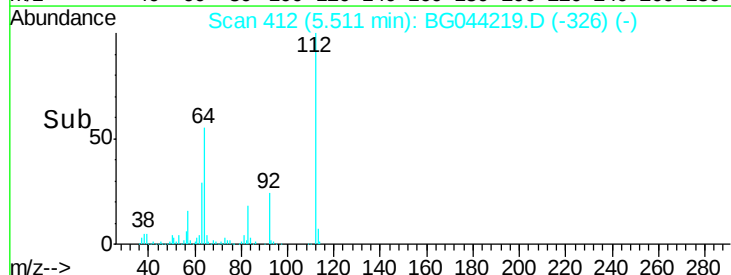
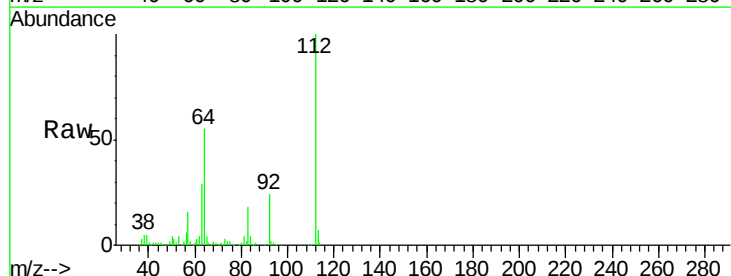
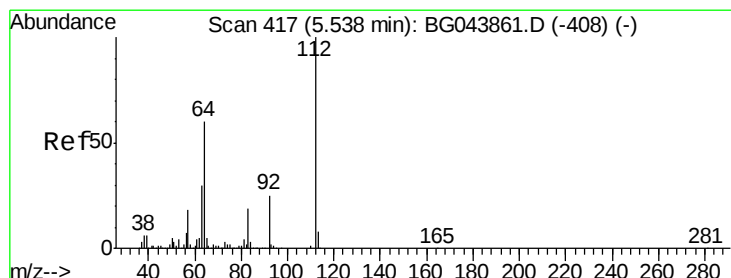
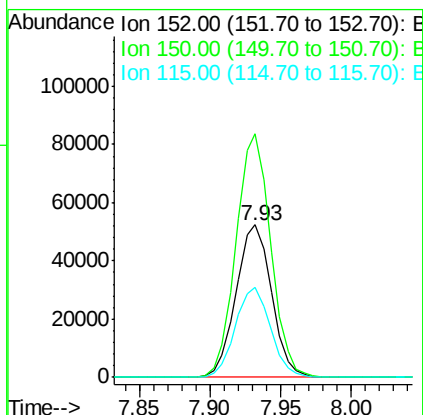


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044219.D
Acq: 27 Jan 2020 17:30

Instrument :
BNA_G
ClientSampleId :
20200064-AMENDED-COMP-2

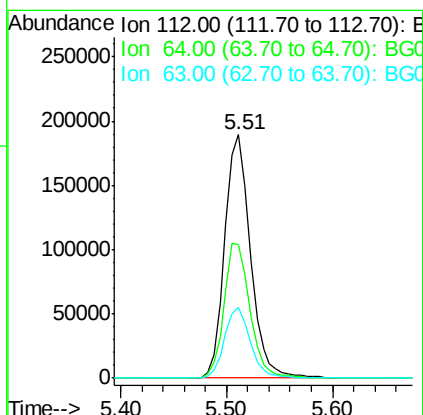
Tot Ion:152 Resp: 92228
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.4
115 59.1 47.8 71.8

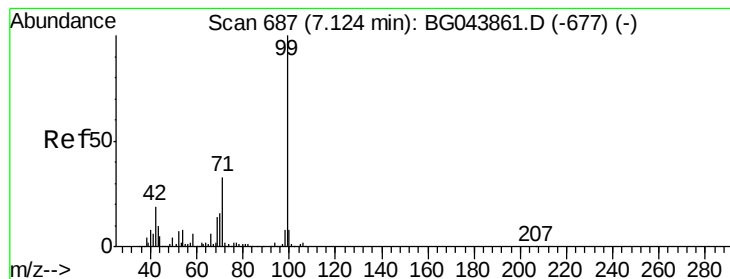


#5

2-Fluorophenol
Concen: 63.845 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044219.D
Acq: 27 Jan 2020 17:30

Tgt Ion:112 Resp: 320691
Ion Ratio Lower Upper
112 100
64 54.7 47.8 71.6
63 28.9 24.3 36.5





#7

Phenol-d6

Concen: 36.839 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044219.D

Acq: 27 Jan 2020 17:30

Instrument :

BNA_G

ClientSampleId :

20200064-AMENDED-COMP-2

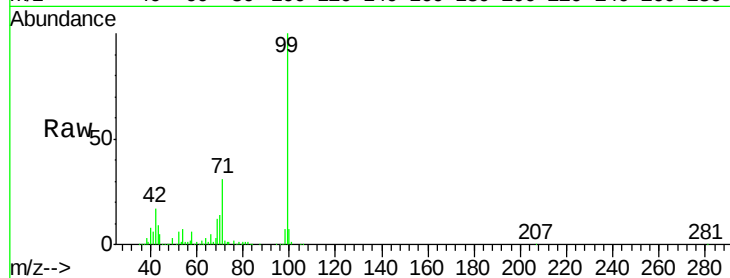
Tot Ion: 99 Resp: 258654

Ion Ratio Lower Upper

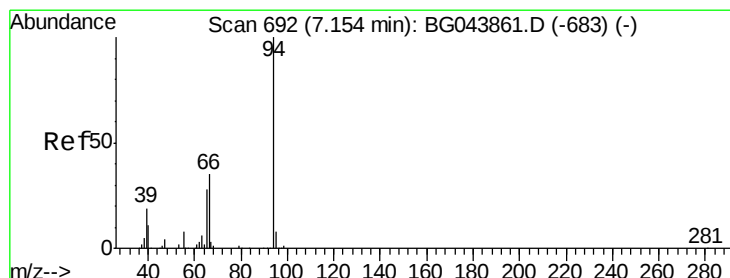
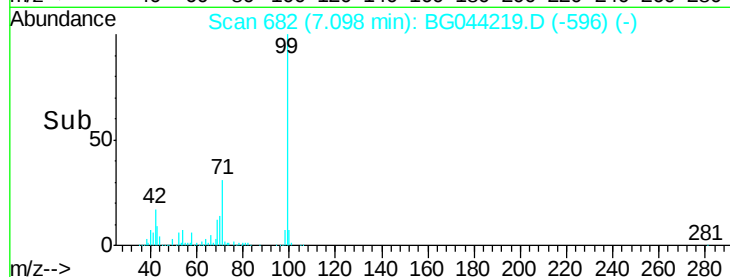
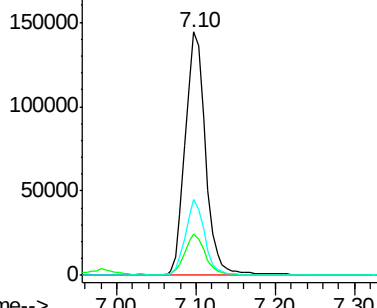
99 100

42 17.0 14.9 22.3

71 30.9 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: 2.120 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044219.D

Acq: 27 Jan 2020 17:30

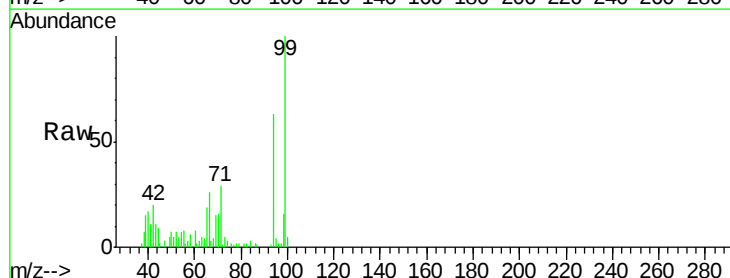
Tgt Ion: 94 Resp: 15337

Ion Ratio Lower Upper

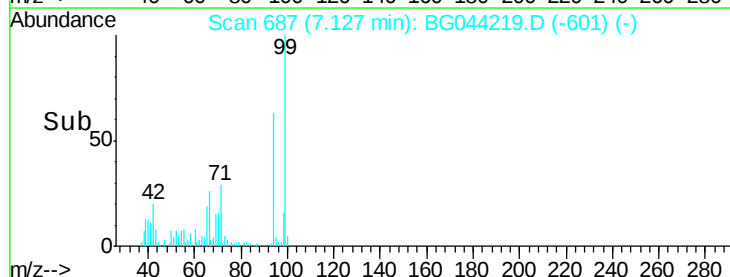
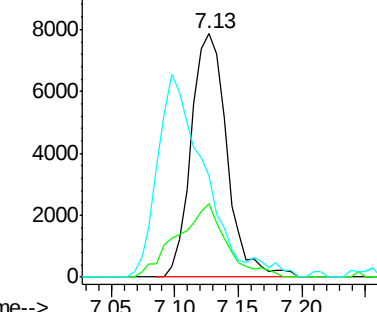
94 100

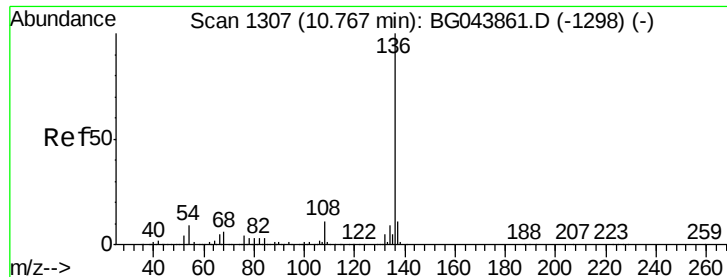
65 29.9 8.1 48.1

66 41.8 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

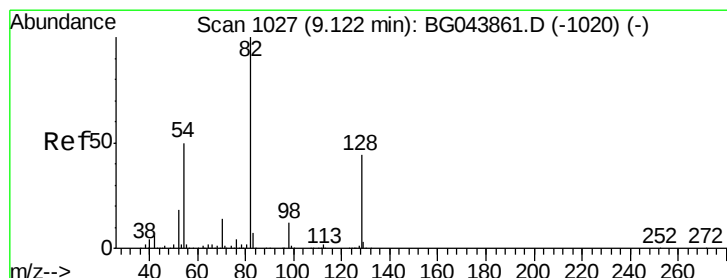
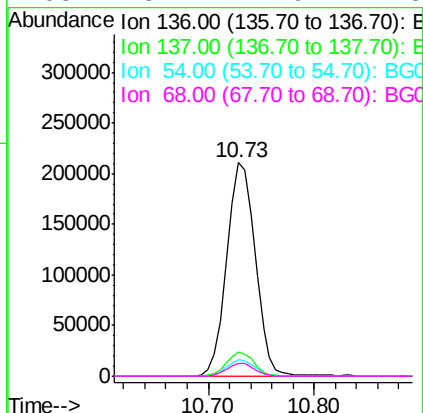
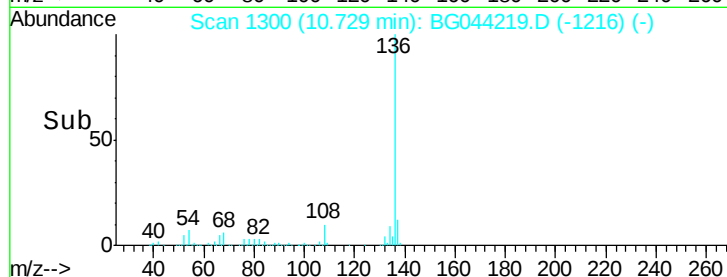
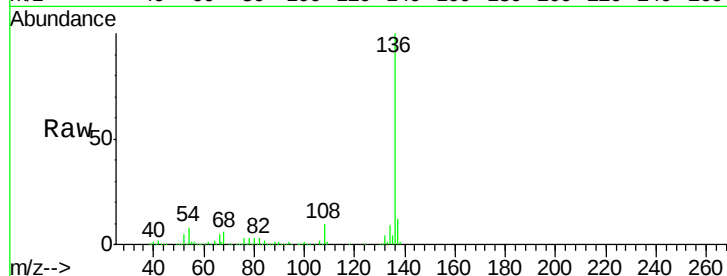




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044219.D
Acq: 27 Jan 2020 17:30

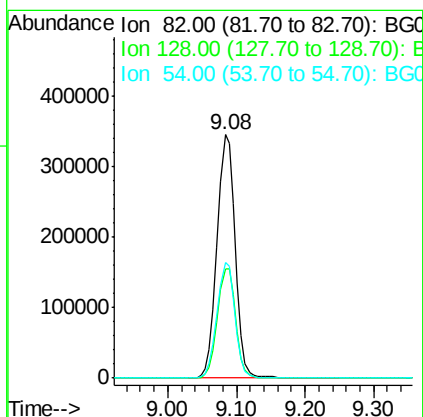
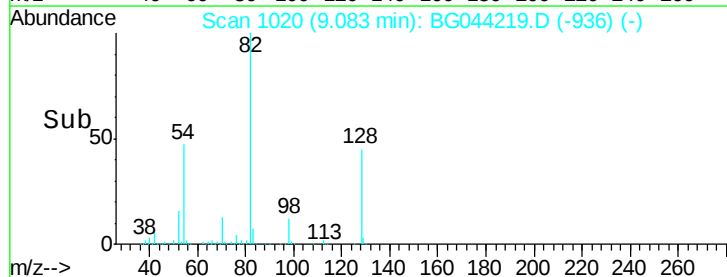
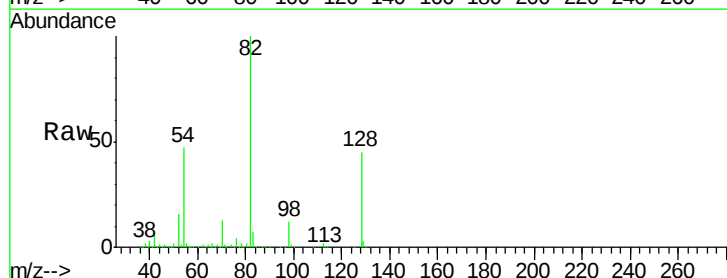
Instrument :
BNA_G
ClientSampleId :
20200064-AMENDED-COMP-2

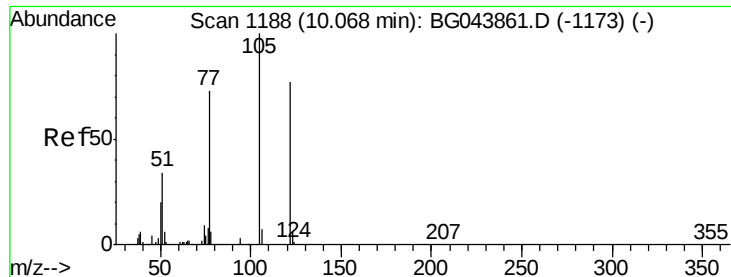
Tot Ion:136	Resp:	394245
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.8	13.2
54 7.5	7.0	10.4
68 5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 85.880 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044219.D
Acq: 27 Jan 2020 17:30

Tgt Ion	82	Resp: Lower	632904 Upper
82	100		
128	44.8	35.1	52.7
54	47.3	40.1	60.1

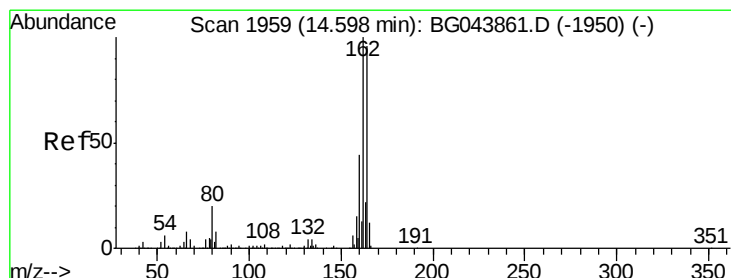
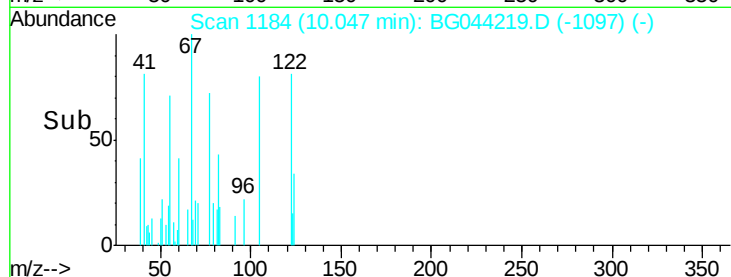
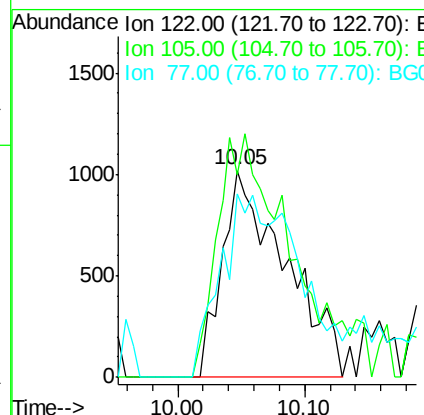
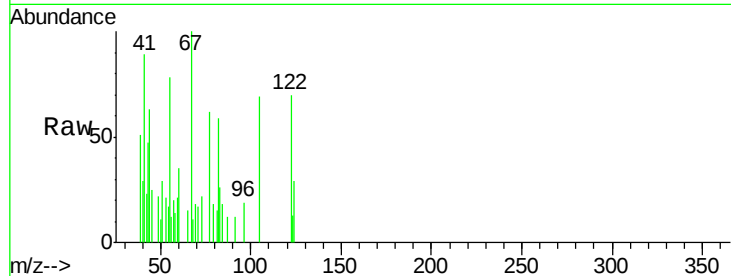




#32
Benzoic acid
Concen: 6.989 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG044219.D
Acq: 27 Jan 2020 17:30

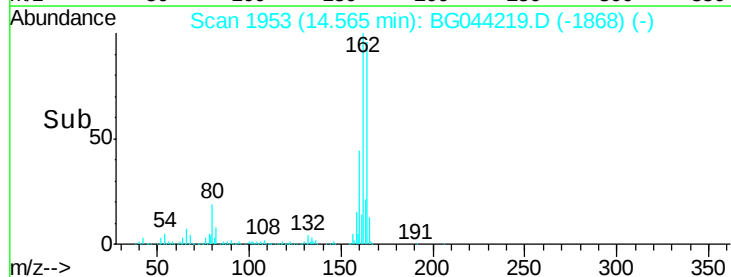
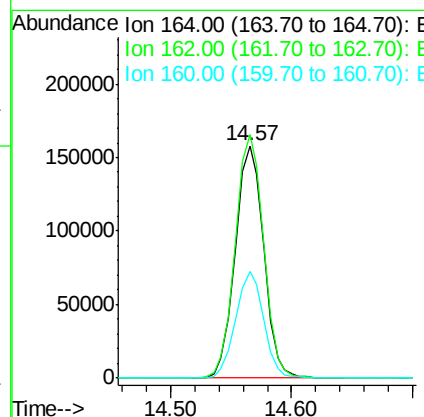
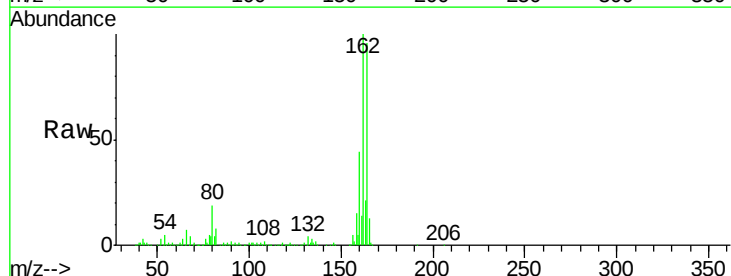
Instrument :
BNA_G
ClientSampleId :
20200064-AMENDED-COMP-2

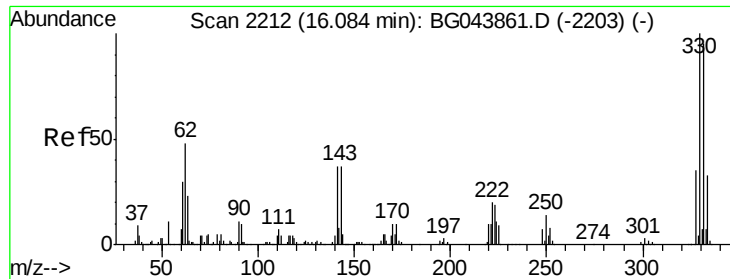
Tot Ion:122 Resp: 3539
Ion Ratio Lower Upper
122 100
105 98.0 106.4 146.4#
77 88.7 74.6 114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044219.D
Acq: 27 Jan 2020 17:30

Tgt Ion:164 Resp: 259659
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.4
160 46.1 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 144.654 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044219.D

Acq: 27 Jan 2020 17:30

Instrument :

BNA_G

ClientSampleId :

20200064-AMENDED-COMP-2

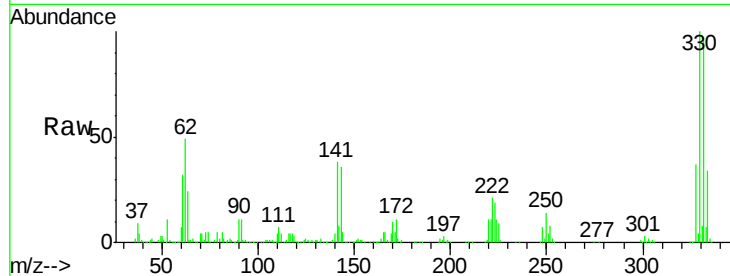
Tot Ion:330 Resp: 393064

Ion Ratio Lower Upper

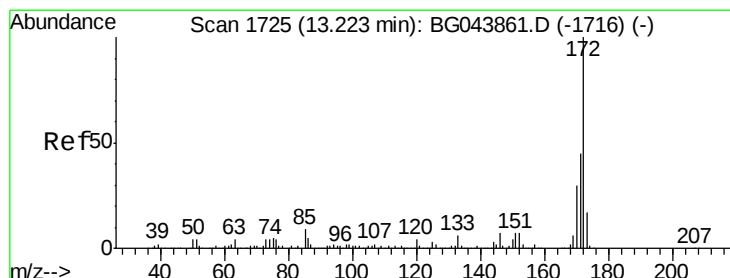
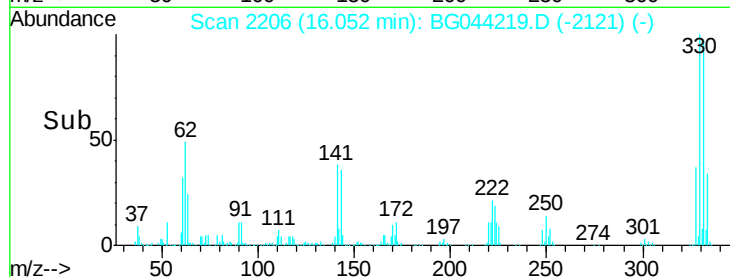
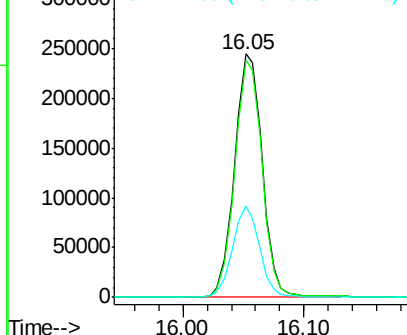
330 100

332 96.7 77.2 115.8

141 36.6 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: 101.365 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.03 min

Lab File: BG044219.D

Acq: 27 Jan 2020 17:30

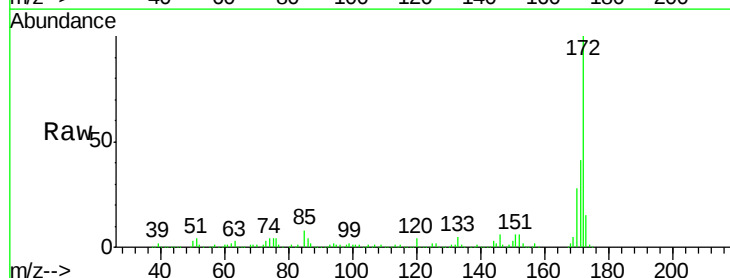
Tgt Ion:172 Resp: 1452743

Ion Ratio Lower Upper

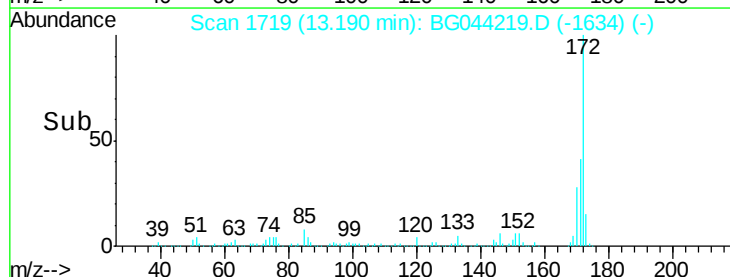
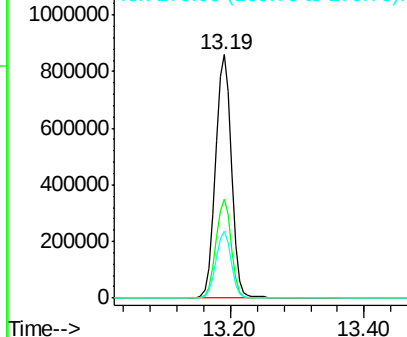
172 100

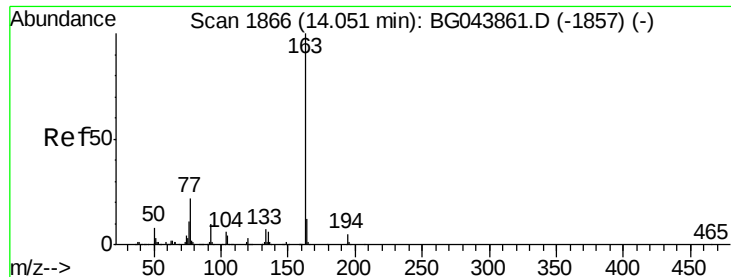
171 40.7 35.8 53.8

170 27.7 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: 3.699 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.04 min

Lab File: BG044219.D

Acq: 27 Jan 2020 17:30

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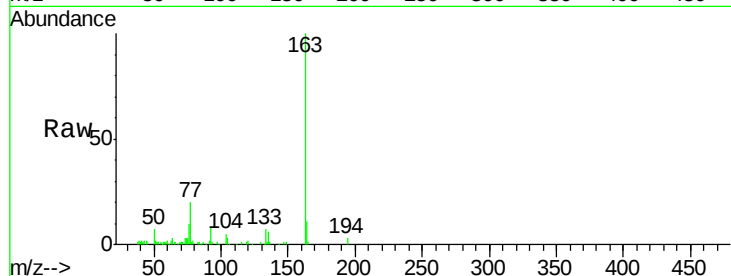
Tot Ion:163 Resp: 68190

Ion Ratio Lower Upper

163 100

194 3.4 3.7 5.5#

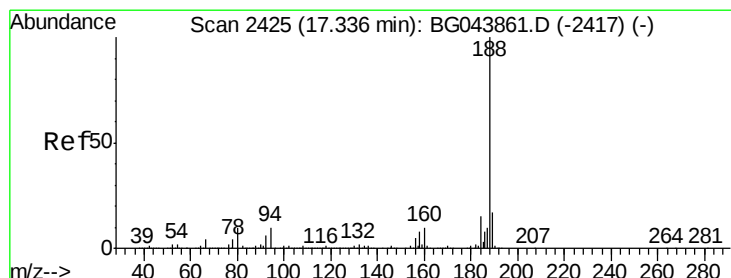
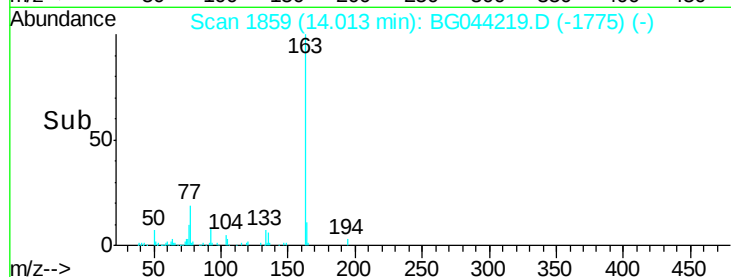
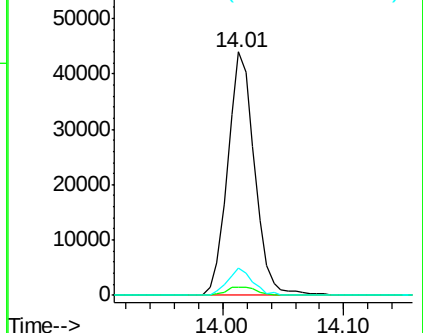
164 11.0 9.3 13.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044219.D

Acq: 27 Jan 2020 17:30

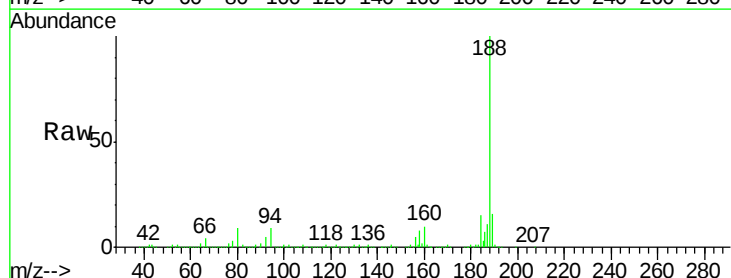
Tgt Ion:188 Resp: 504054

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

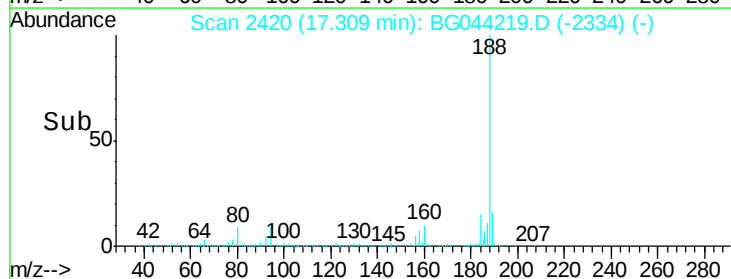
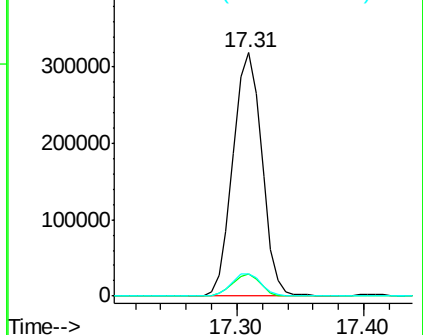
80 9.3 8.2 12.4

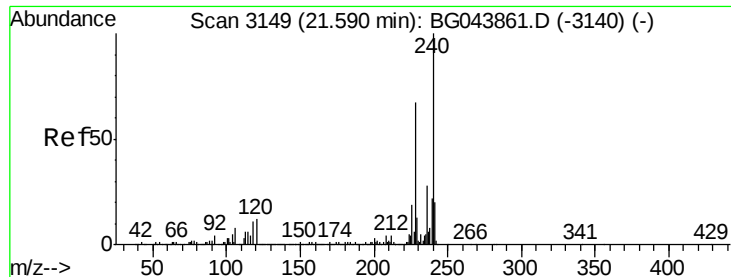


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044219.D

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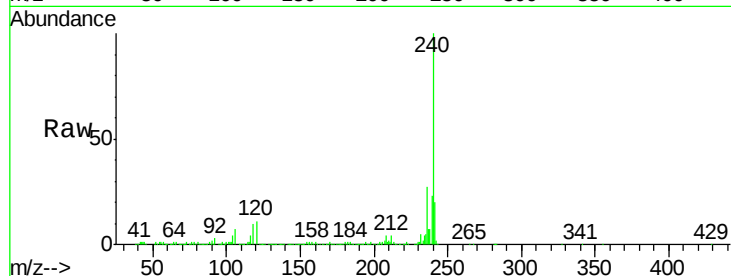
Tot Ion:240 Resp: 443713

Ion Ratio Lower Upper

240 100

120 10.8 9.6 14.4

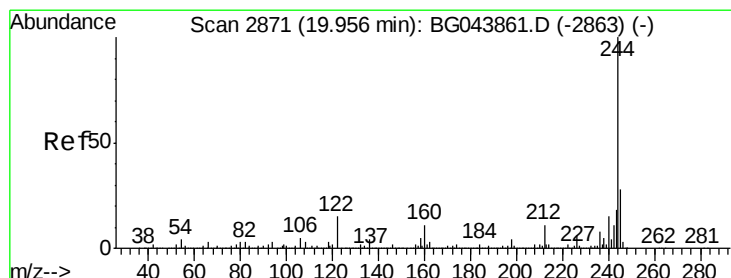
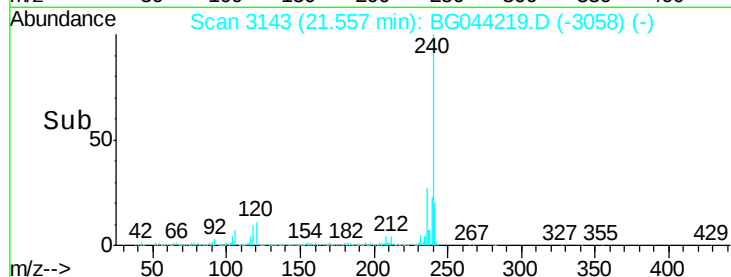
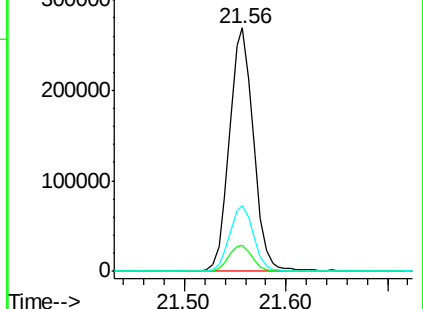
236 27.1 22.2 33.2



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: 108.435 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044219.D

Acq: 27 Jan 2020 17:30

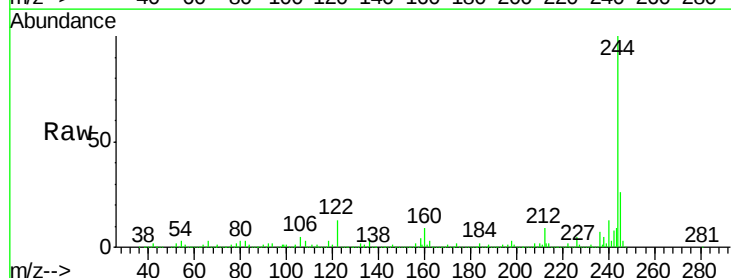
Tgt Ion:244 Resp: 1861836

Ion Ratio Lower Upper

244 100

212 9.4 8.6 13.0

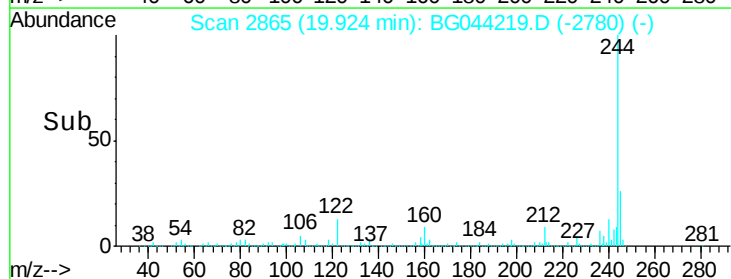
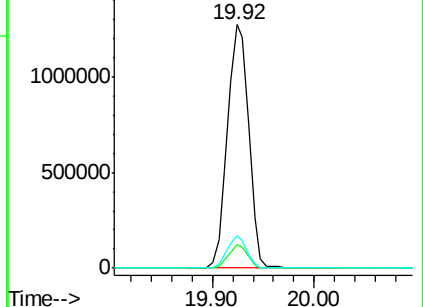
122 13.2 11.9 17.9

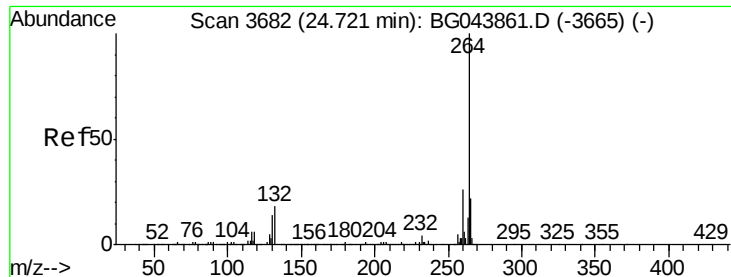


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3672
 Delta R.T. -0.06 min
 Lab File: BG044219.D
 Acq: 27 Jan 2020 17:30

Instrument :
 BNA_G
 ClientSampleId :
 20200064-AMENDED-COMP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.4	30.6
265	21.9	17.4	26.2

