

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044378.D
 Acq On : 11 Feb 2020 7:08
 Operator : CG/JU
 Sample : L1449-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2-BY-TANK-SOUTH

Quant Time: Feb 11 08:08:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

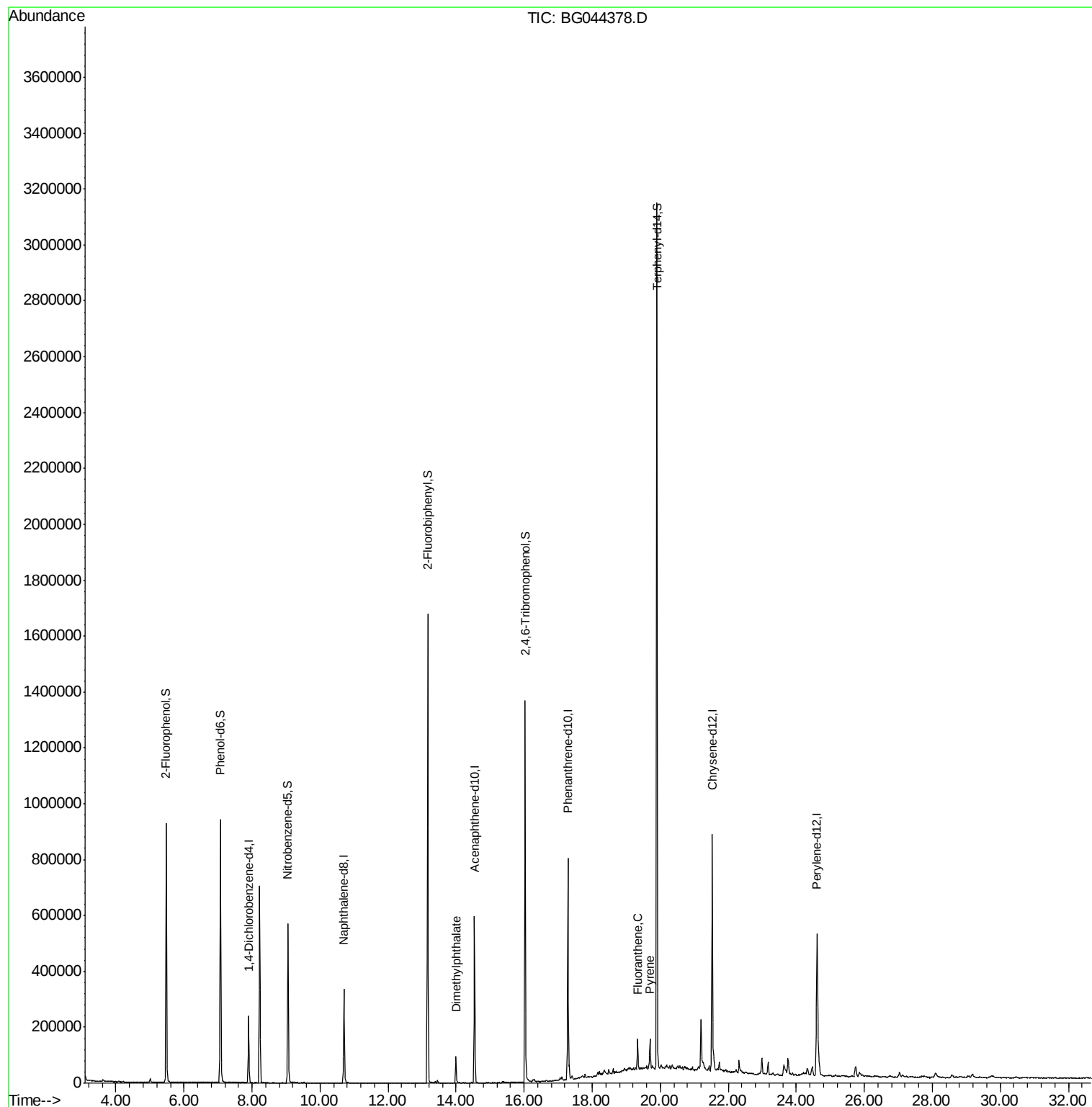
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	70747	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	321487	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	223856	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	512419	20.00	ng	0.00
76) Chrysene-d12	21.53	240	476501	20.00	ng	0.00
87) Perylene-d12	24.61	264	504735	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	452568	112.90	ng	0.00
7) Phenol-d6	7.07	99	624953	116.10	ng	0.00
23) Nitrobenzene-d5	9.06	82	376536	66.12	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	272602	103.73	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	919108	68.75	ng	0.00
79) Terphenyl-d14	19.90	244	1454685	62.79	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	79510	4.941	ng	98
75) Fluoranthene	19.34	202	64253	2.238	ng	96
78) Pyrene	19.70	202	65736	2.148	ng	93

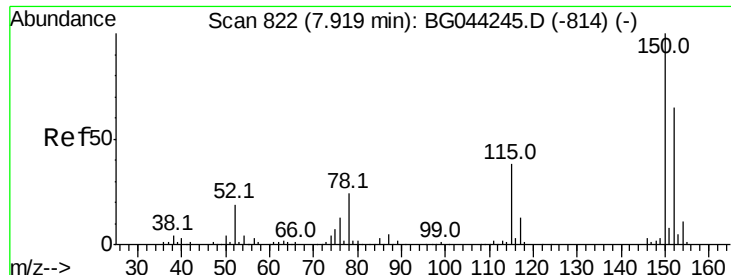
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

Instrument :

BNA_G

ClientSampleId :

S-2-BY-TANK-SOUTH

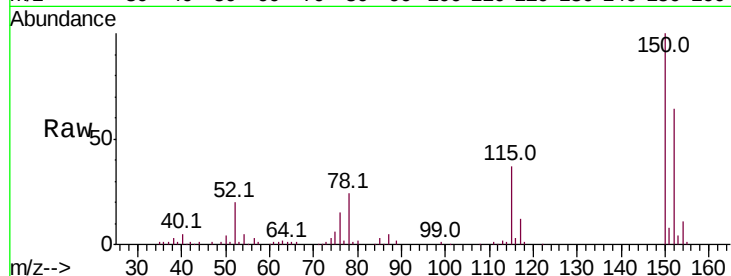
Tot Ion:152 Resp: 70747

Ion Ratio Lower Upper

152 100

150 156.3 122.6 183.8

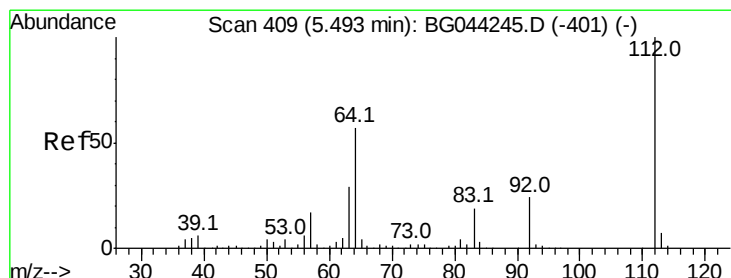
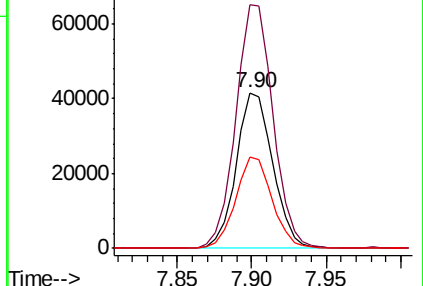
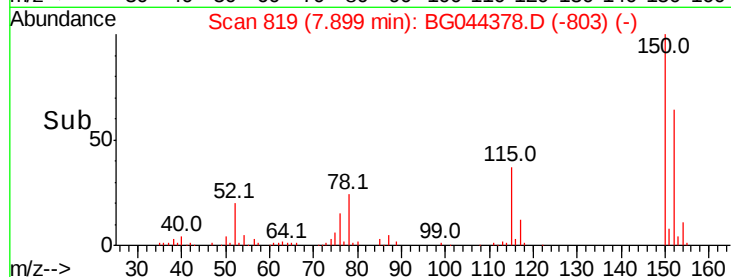
115 58.4 46.0 69.0



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: 112.897 ng

RT: 5.48 min Scan# 407

Delta R.T. -0.00 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

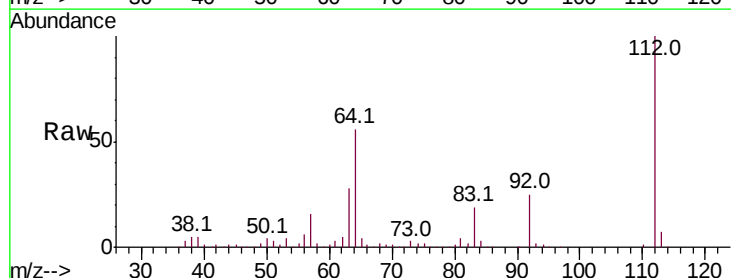
Tgt Ion:112 Resp: 452568

Ion Ratio Lower Upper

112 100

64 56.0 45.4 68.2

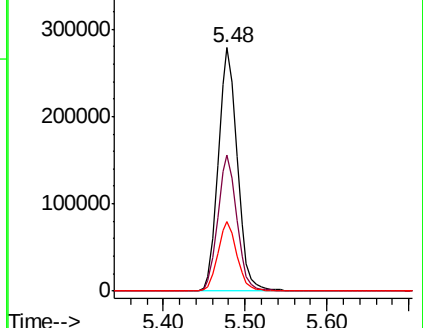
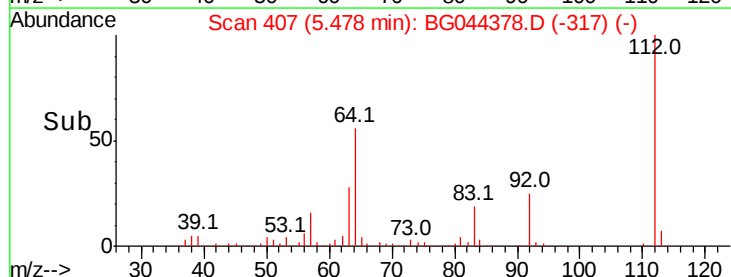
63 28.5 22.9 34.3

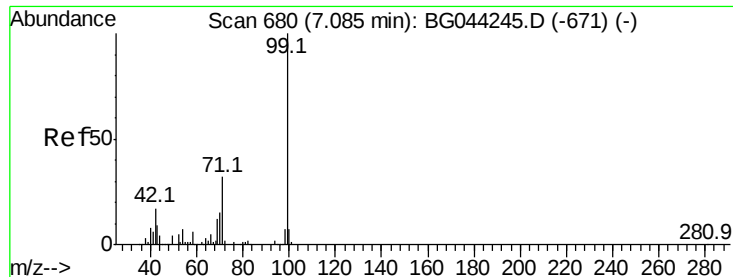


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.096 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

Instrument :

BNA_G

ClientSampleId :

S-2-BY-TANK-SOUTH

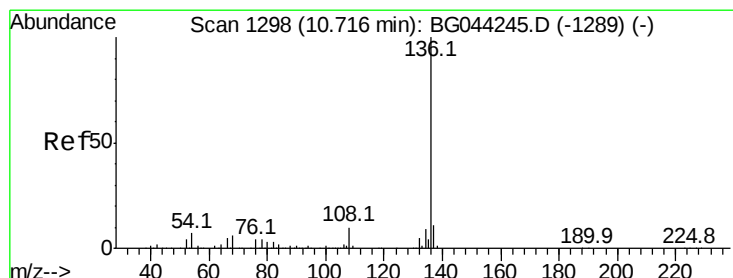
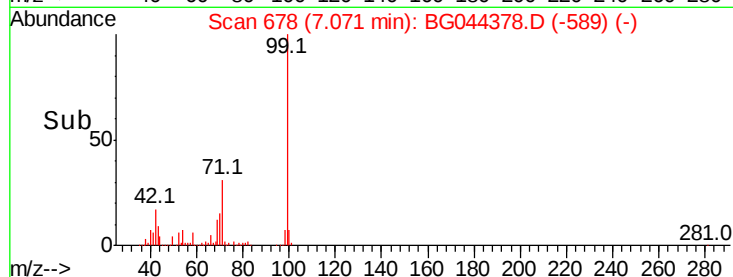
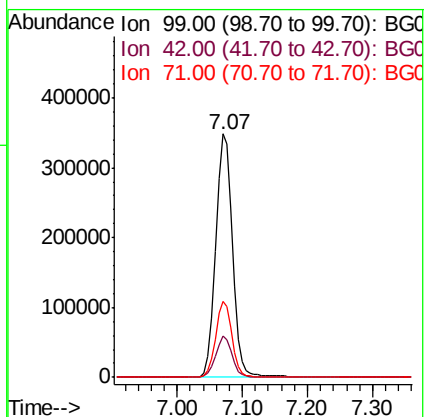
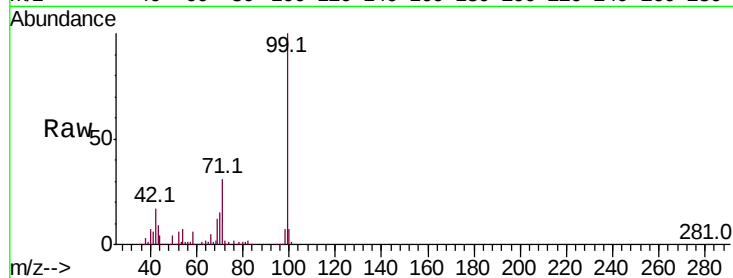
Tot Ion: 99 Resp: 624953

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

71 31.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

Tgt Ion: 136 Resp: 321487

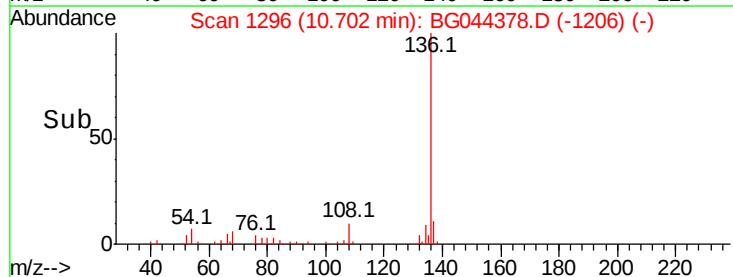
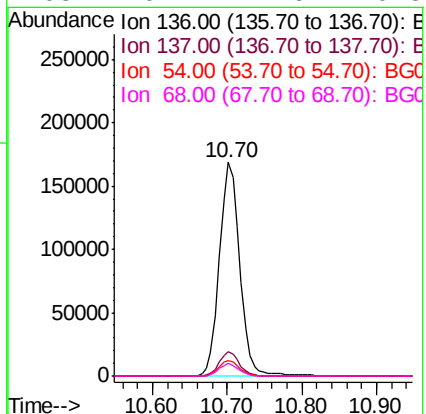
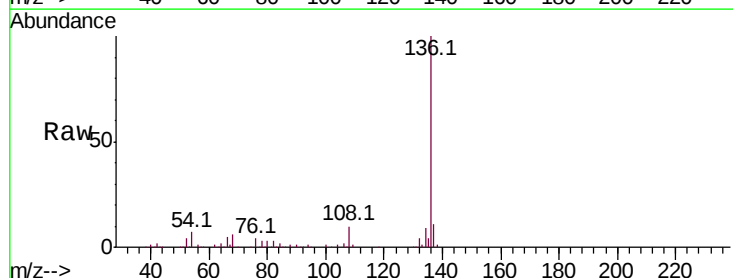
Ion Ratio Lower Upper

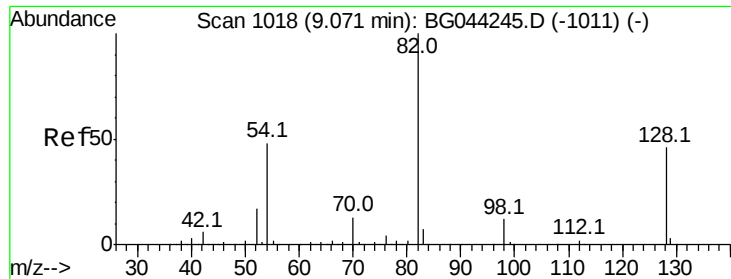
136 100

137 11.5 8.8 13.2

54 7.2 5.8 8.8

68 6.1 4.6 6.8

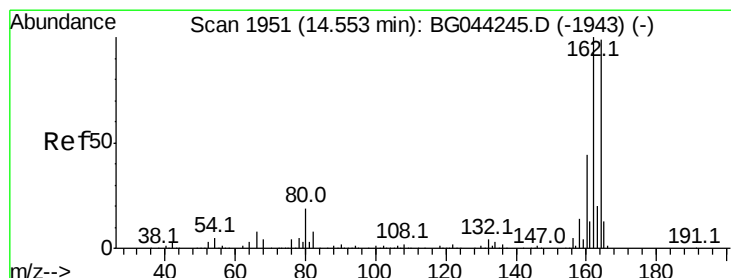
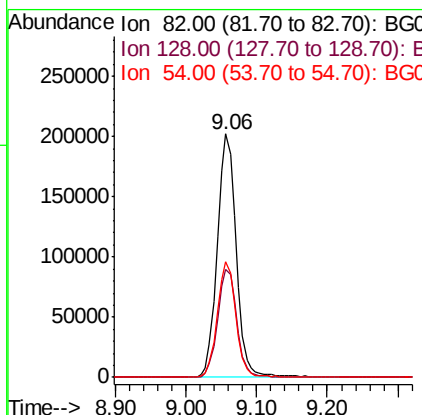
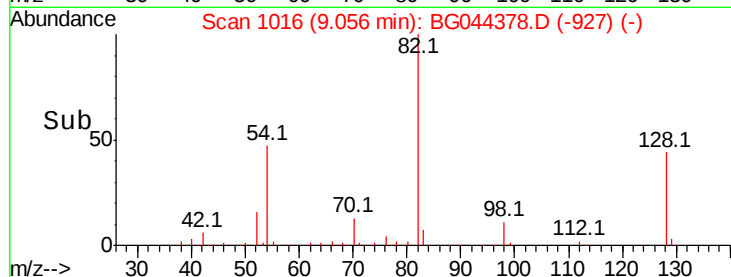
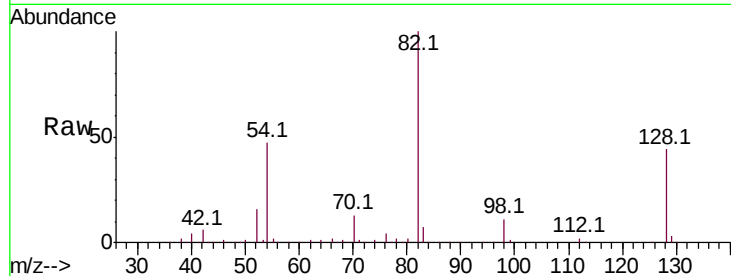




#23
Nitrobenzene-d5
Concen: 66.123 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044378.D
Acq: 11 Feb 2020 7:08

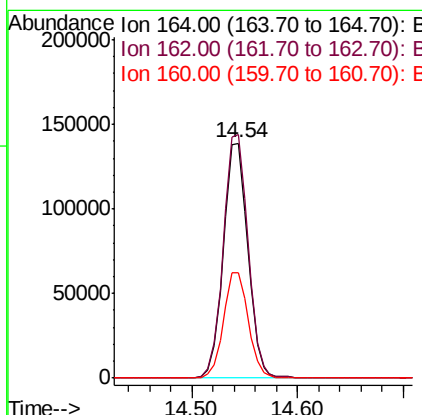
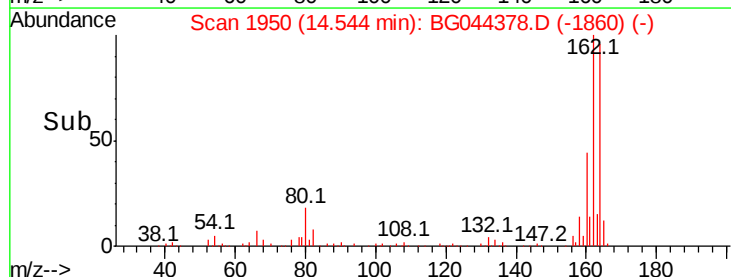
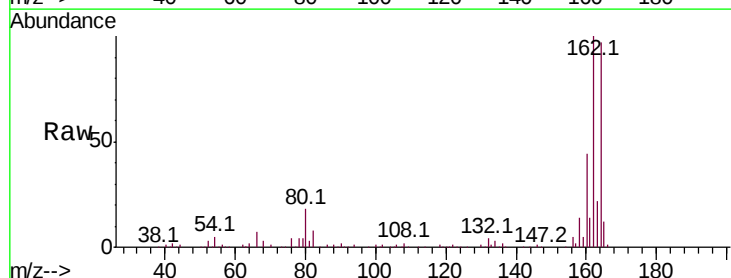
Instrument :
BNA_G
ClientSampleId :
S-2-BY-TANK-SOUTH

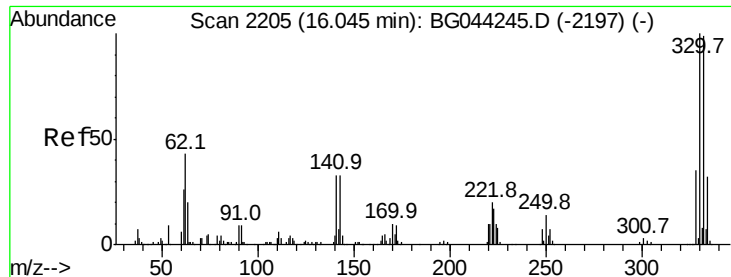
Tot Ion: 82 Resp: 376536
Ion Ratio Lower Upper
82 100
128 44.5 36.5 54.7
54 47.3 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG044378.D
Acq: 11 Feb 2020 7:08

Tgt Ion:164 Resp: 223856
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 45.1 35.3 52.9

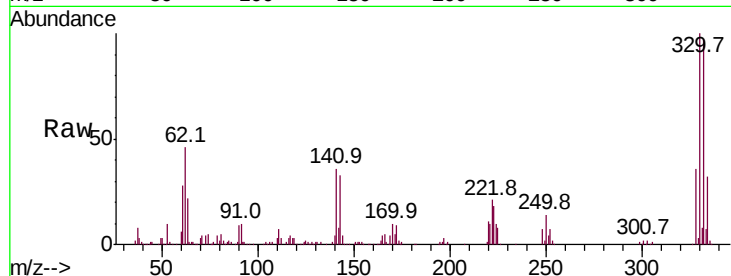




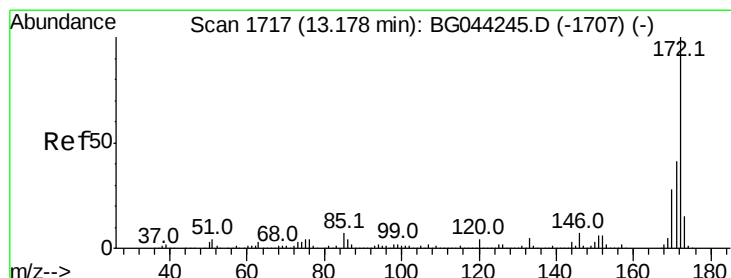
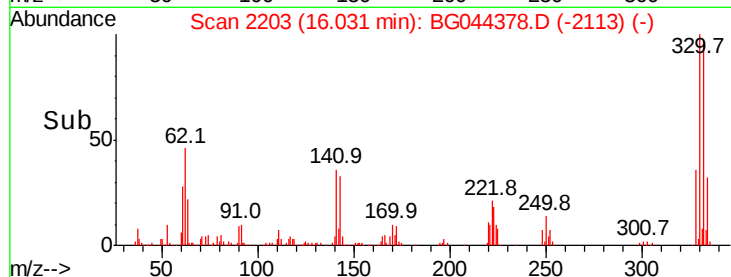
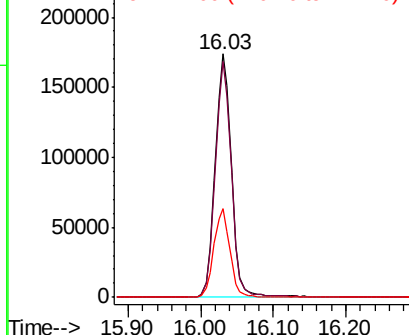
#42
 2,4,6-Tribromophenol
 Concen: 103.732 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG044378.D
 Acq: 11 Feb 2020 7:08

Instrument :
 BNA_G
 ClientSampleId :
 S-2-BY-TANK-SOUTH

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.2	115.8
141	36.0	28.3	42.5

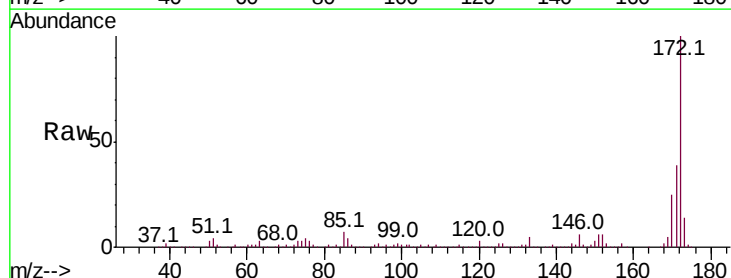


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

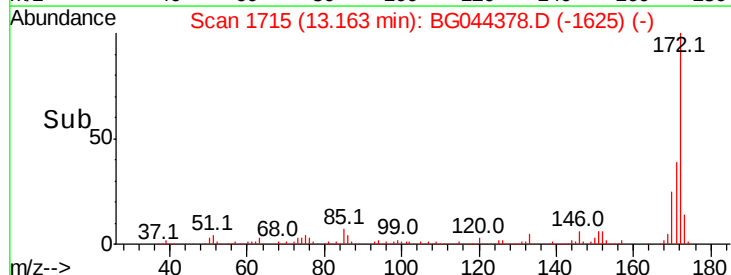
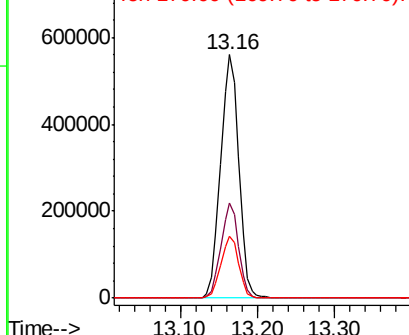


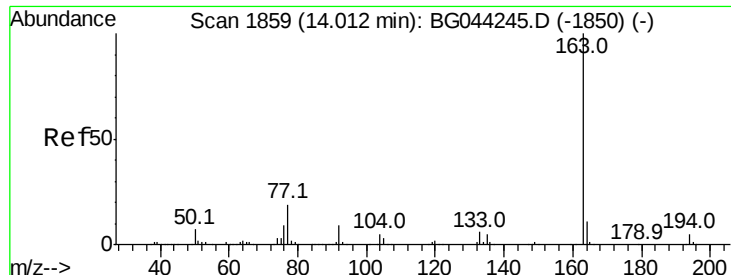
#45
 2-Fluorobiphenyl
 Concen: 68.754 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG044378.D
 Acq: 11 Feb 2020 7:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	25.4	22.0	33.0



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: 4.941 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

Instrument :

BNA_G

ClientSampleId :

S-2-BY-TANK-SOUTH

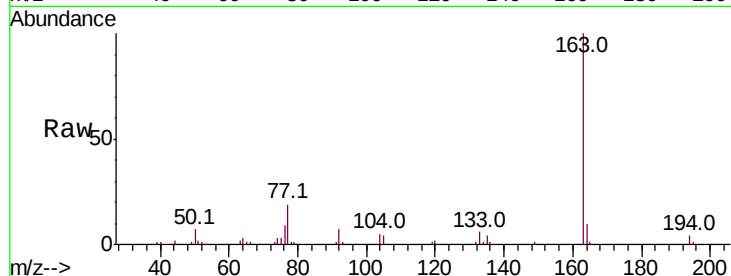
Tot Ion:163 Resp: 79510

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

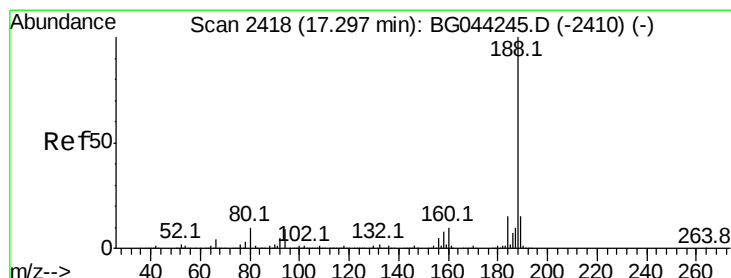
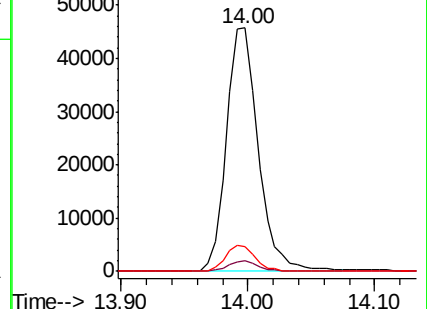
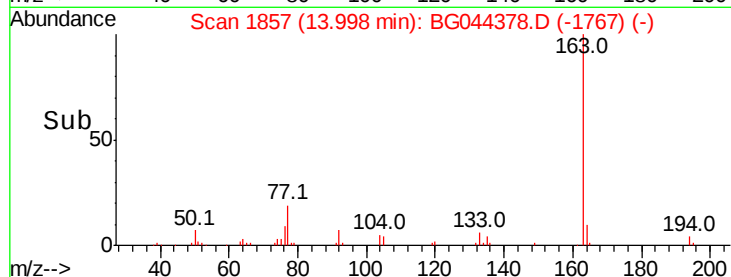
164 10.1 8.7 13.1



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: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

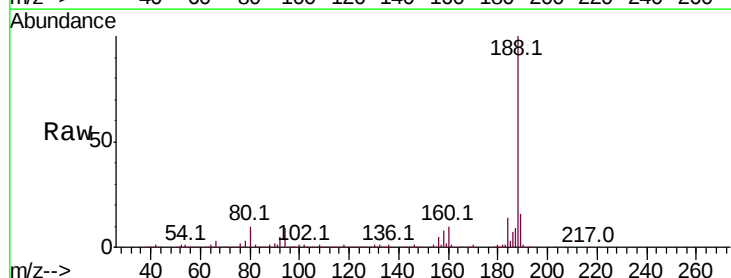
Tgt Ion:188 Resp: 512419

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

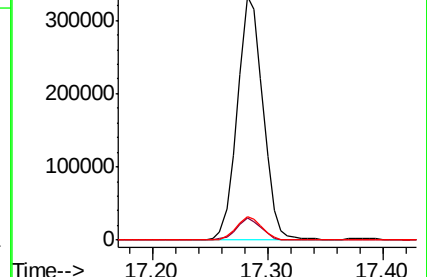
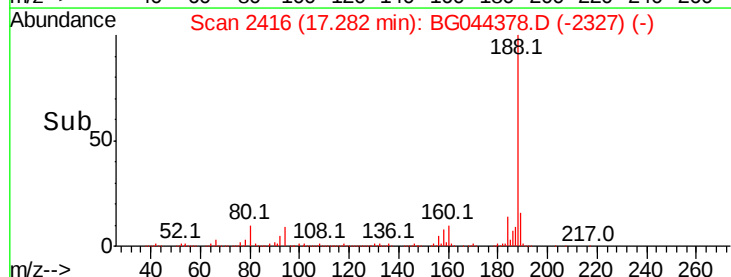
80 9.7 7.7 11.5

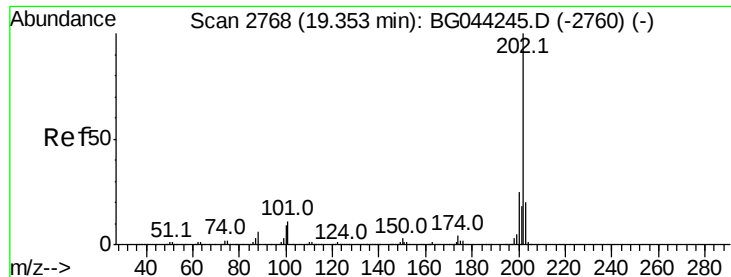


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.238 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

Instrument :

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ClientSampleId :

S-2-BY-TANK-SOUTH

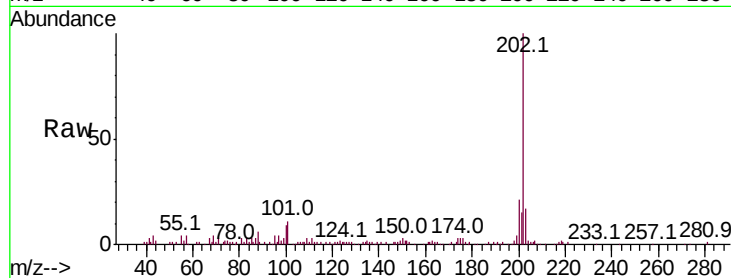
Tot Ion:202 Resp: 64253

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.3

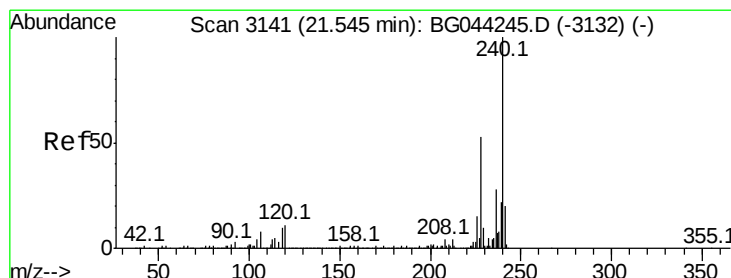
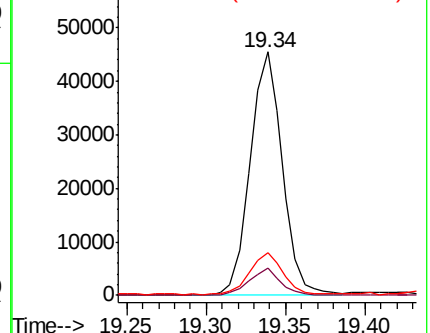
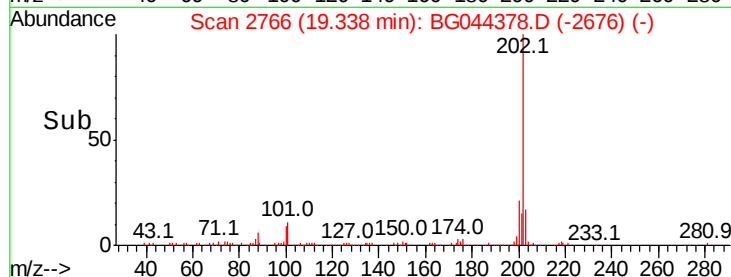
203 17.3 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

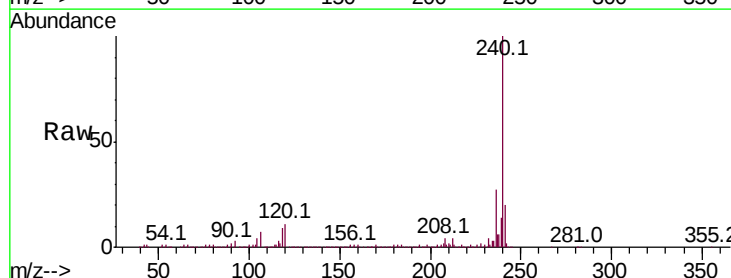
Tgt Ion:240 Resp: 476501

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

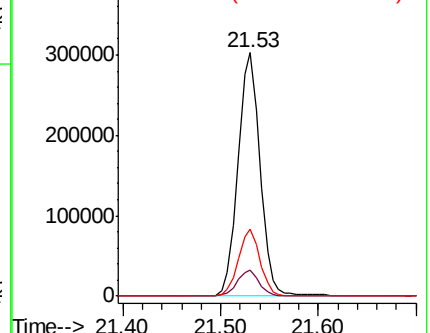
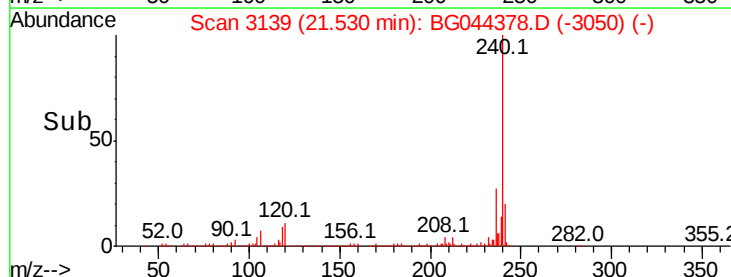
236 27.5 22.1 33.1

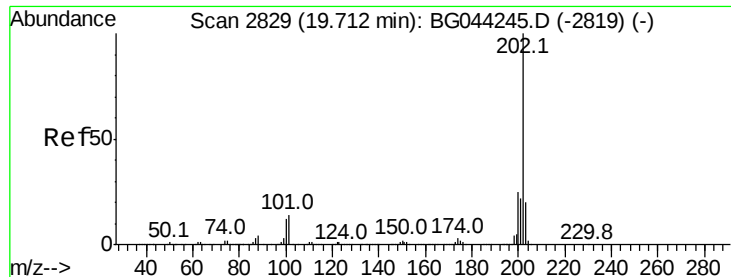


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.148 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

Instrument :

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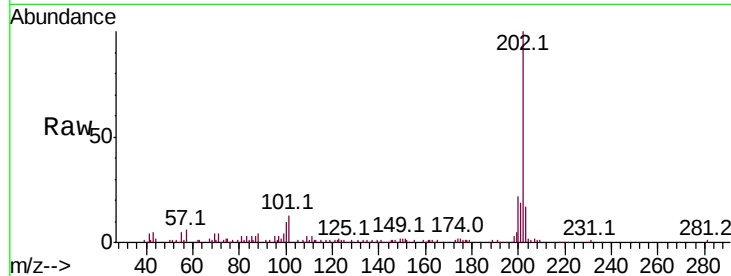
Tot Ion:202 Resp: 65736

Ion Ratio Lower Upper

202 100

200 22.0 20.0 30.0

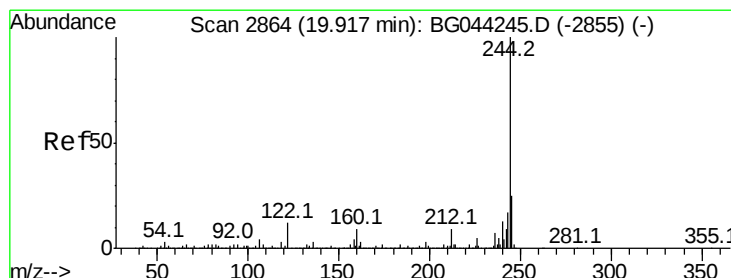
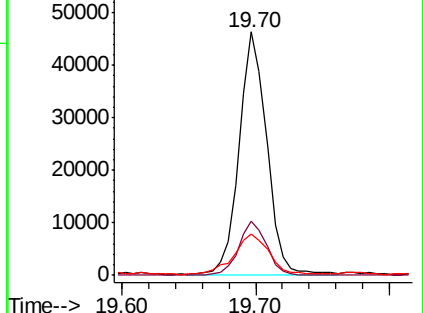
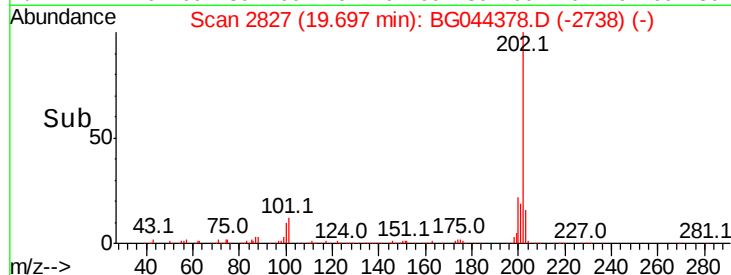
203 16.8 16.2 24.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 62.793 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044378.D

Acq: 11 Feb 2020 7:08

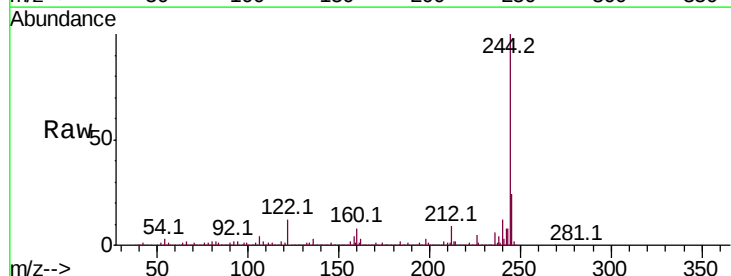
Tgt Ion:244 Resp: 1454685

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

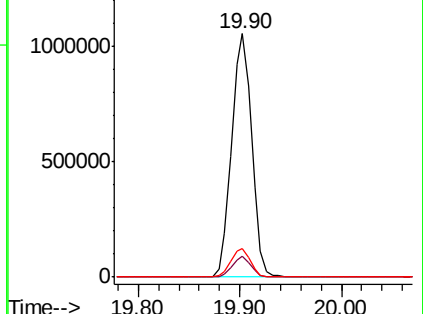
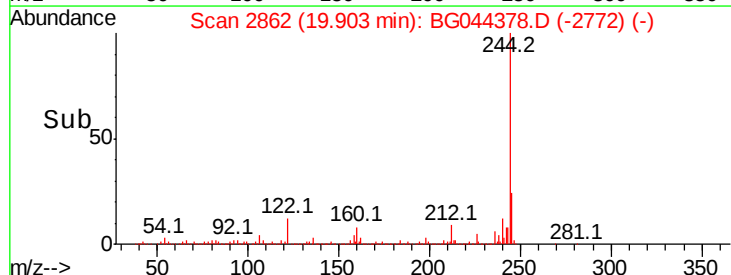
122 11.8 9.8 14.6

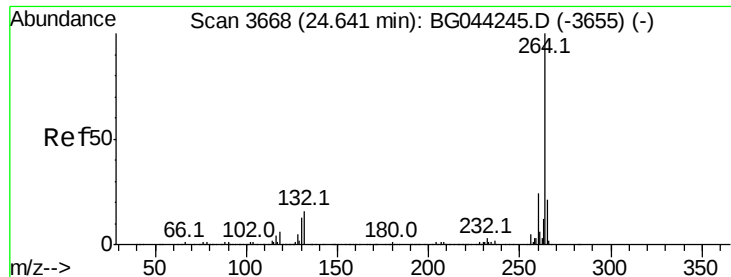


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.61 min Scan# 3663
 Delta R.T. -0.01 min
 Lab File: BG044378.D
 Acq: 11 Feb 2020 7:08

Instrument :
 BNA_G
 ClientSampleId :
 S-2-BY-TANK-SOUTH

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	16.7	25.1

