

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046027.D
 Acq On : 13 Jul 2020 17:57
 Operator : CG/JU
 Sample : L3277-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-633

Quant Time: Jul 14 00:59:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

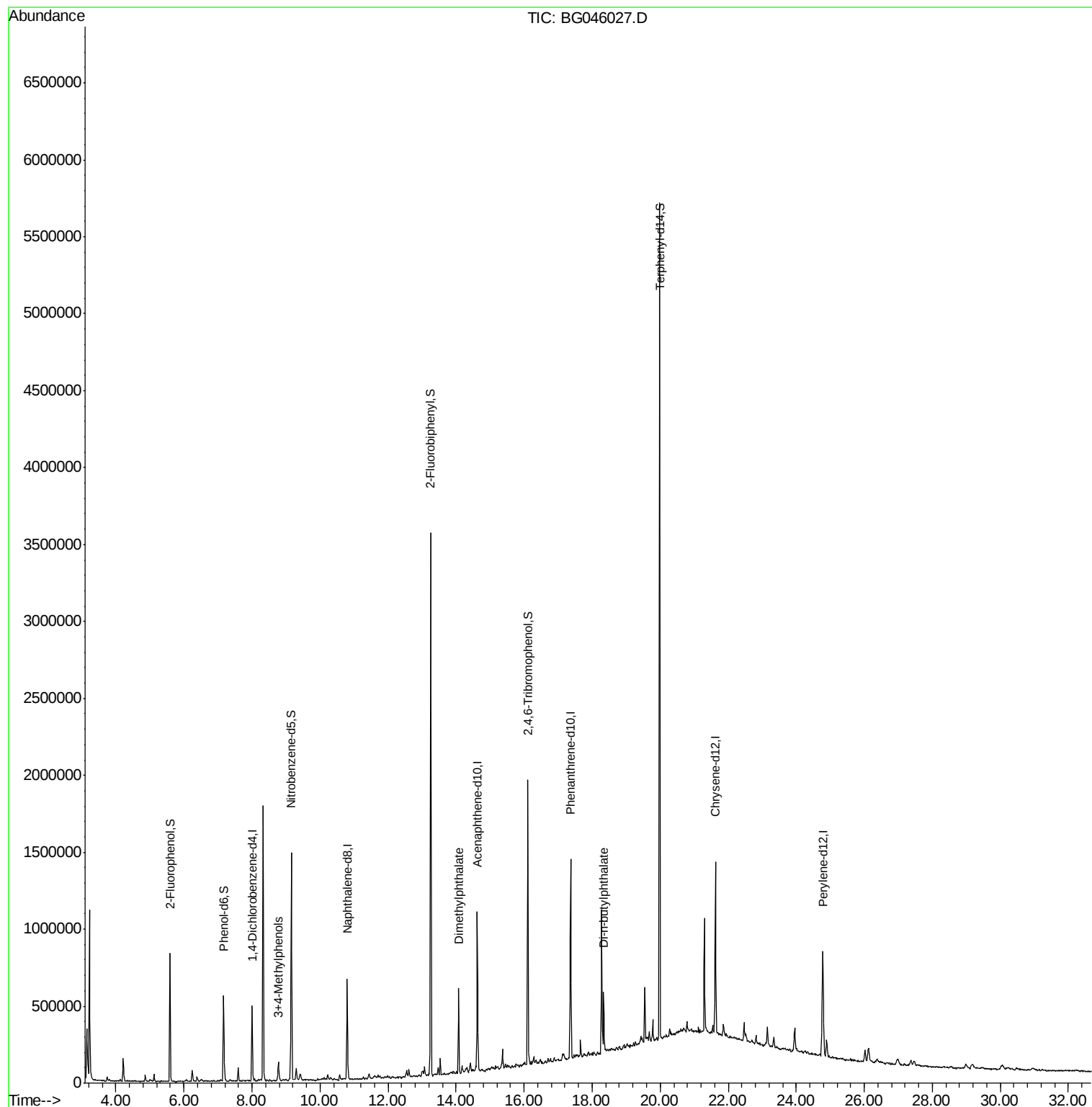
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	134799	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	562423	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	355079	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	745772	20.00	ng	0.00
76) Chrysene-d12	21.63	240	636208	20.00	ng	0.00
86) Perylene-d12	24.78	264	635482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	372996	44.87	ng	0.00
7) Phenol-d6	7.17	99	347843	29.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	935225	95.71	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	299255	90.81	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1742709	76.56	ng	0.00
79) Terphenyl-d14	19.98	244	2206368	77.18	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.77	107	45281	3.688	ng	89
50) Dimethylphthalate	14.08	163	349956	13.133	ng	97
74) Di-n-butylphthalate	18.34	149	275599	5.687	ng	96

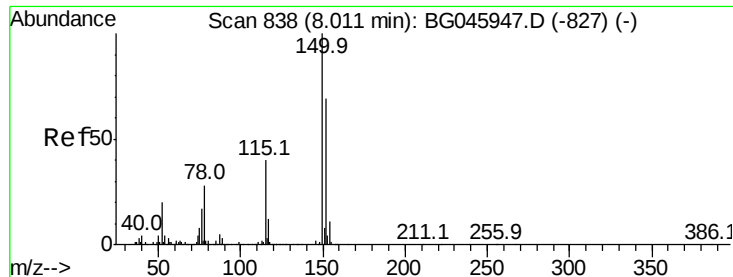
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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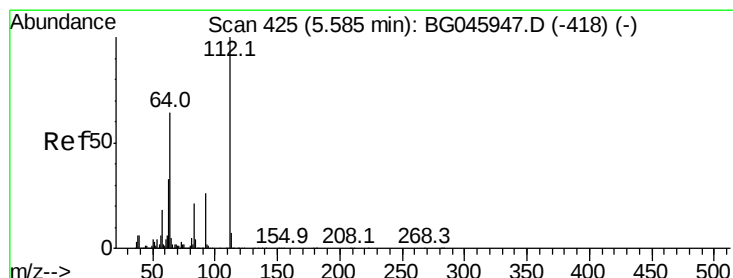
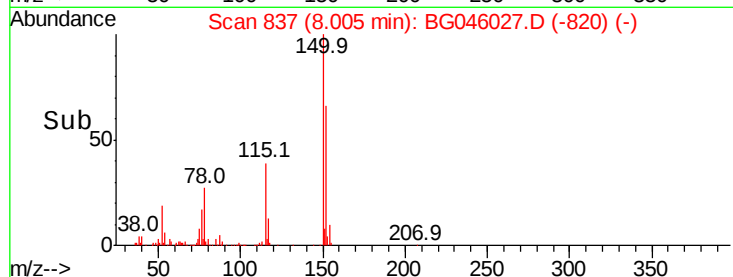
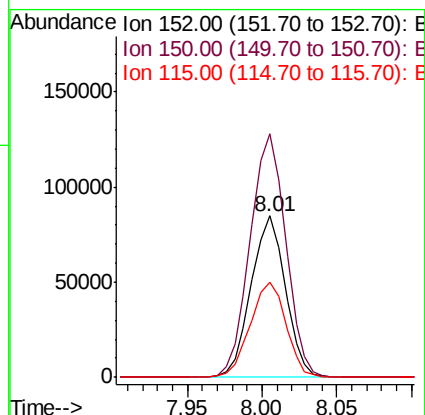
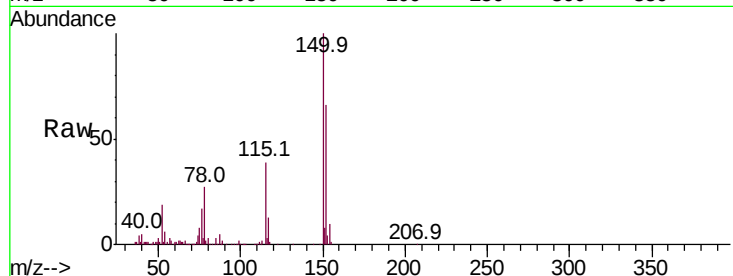


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG046027.D
Acq: 13 Jul 2020 17:57

Instrument :
BNA_G
ClientSampleId :
TI-633

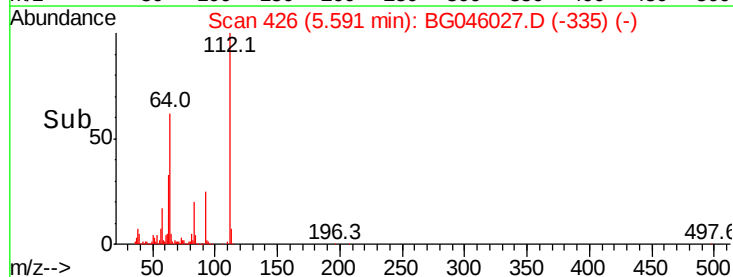
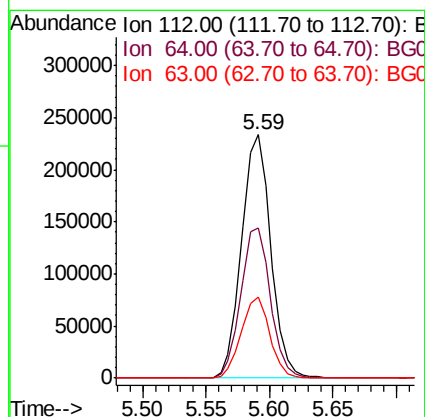
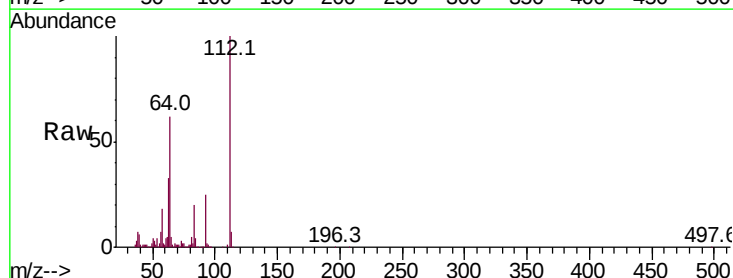
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	116.7	175.1
115	58.9	47.4	71.0

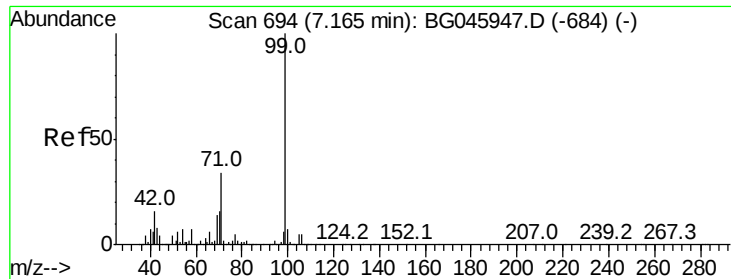


#5

2-Fluorophenol
Concen: 44.872 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046027.D
Acq: 13 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.4	77.2
63	33.3	26.6	40.0





#7

Phenol-d6

Concen: 29.066 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

Instrument :

BNA_G

ClientSampleId :

TI-633

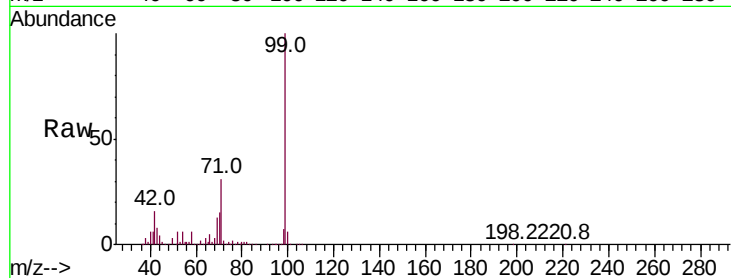
Tot Ion: 99 Resp: 347843

Ion Ratio Lower Upper

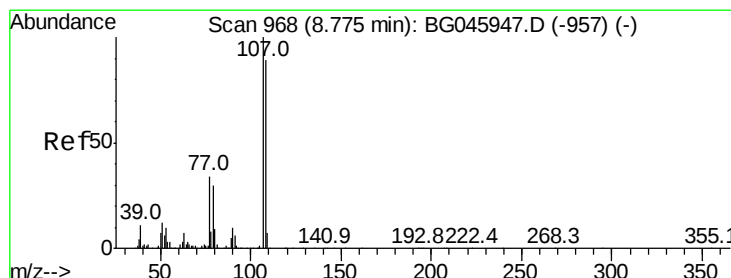
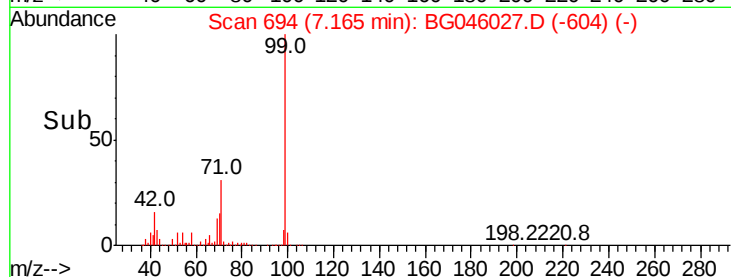
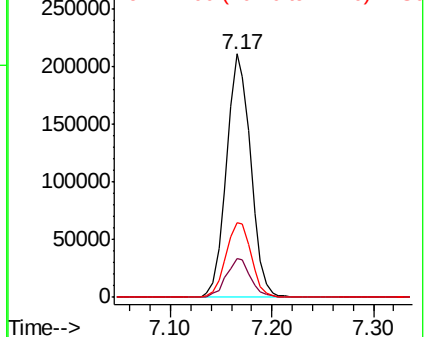
99 100

42 16.0 13.0 19.4

71 30.9 27.5 41.3



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



#20

3+4-Methylphenols

Concen: 3.688 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.01 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

Tgt Ion:107 Resp: 45281

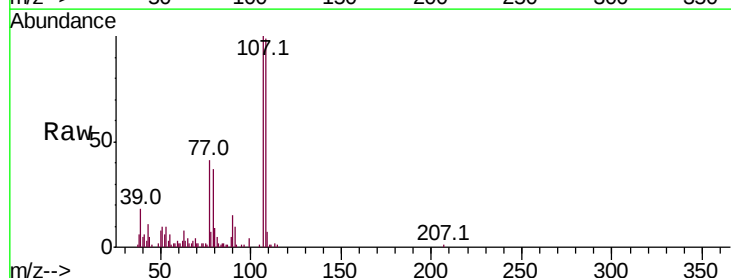
Ion Ratio Lower Upper

107 100

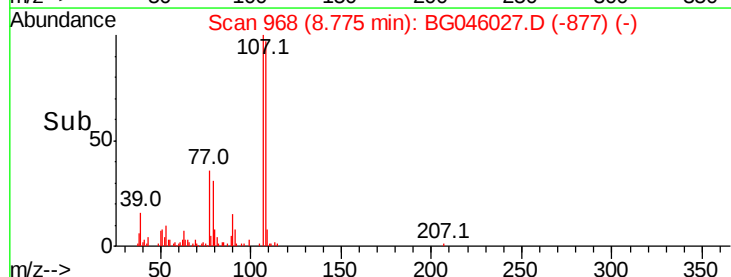
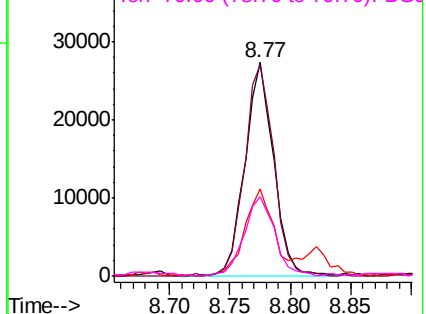
108 99.1 68.7 108.7

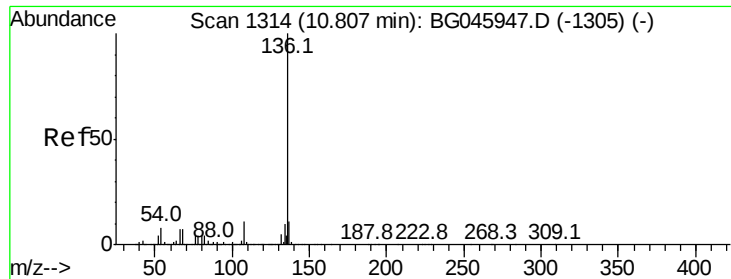
77 40.8 14.6 54.6

79 37.1 10.6 50.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

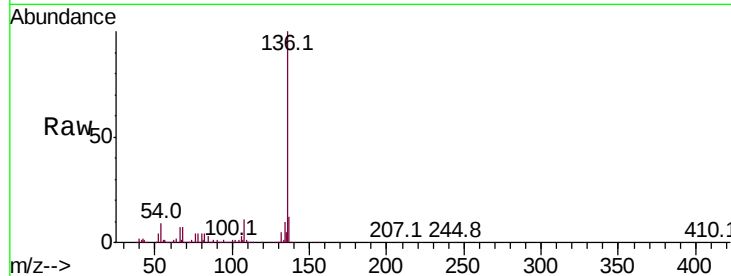




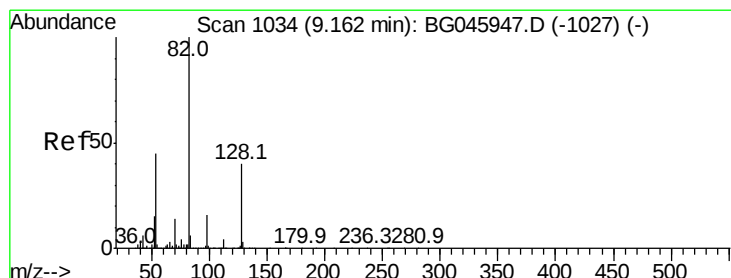
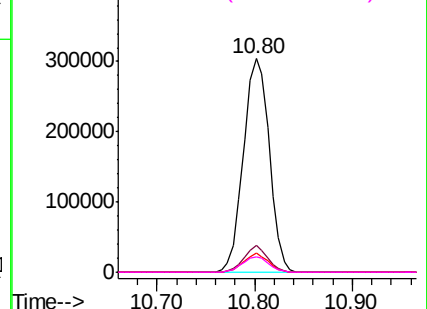
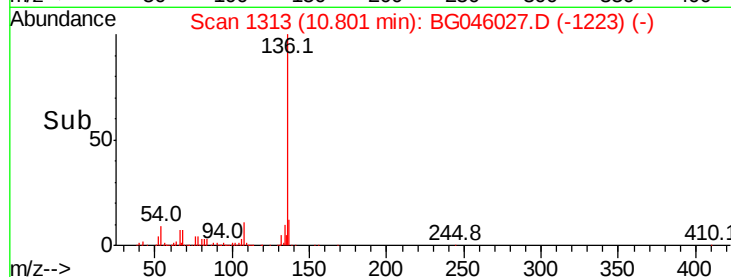
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046027.D
Acq: 13 Jul 2020 17:57

Instrument :
BNA_G
ClientSampleId :
TI-633

Tot Ion:136	Resp:	562423
Ion	Ratio	Lower Upper
136	100	
137	12.4	9.2 13.8
54	8.9	6.2 9.4
68	7.4	5.8 8.8

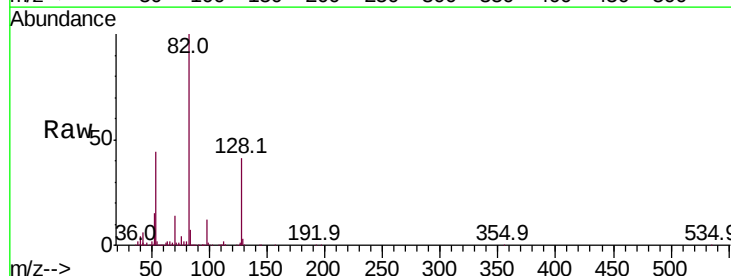


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

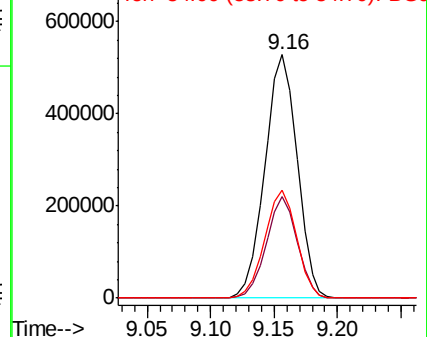
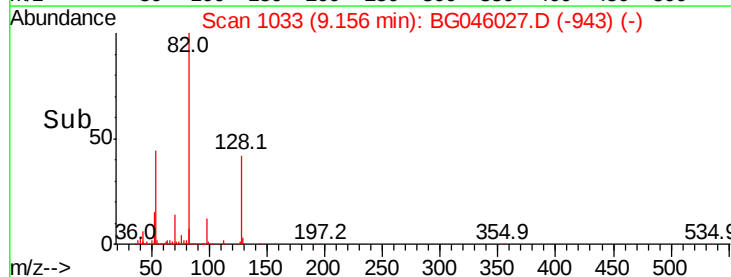


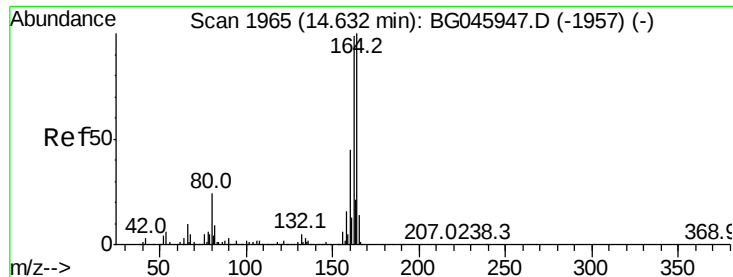
#23
Nitrobenzene-d5
Concen: 95.710 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG046027.D
Acq: 13 Jul 2020 17:57

Tgt Ion: 82	Resp:	935225
Ion	Ratio	Lower Upper
82	100	
128	41.5	32.2 48.4
54	44.4	35.8 53.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

Instrument :

BNA_G

ClientSampleId :

TI-633

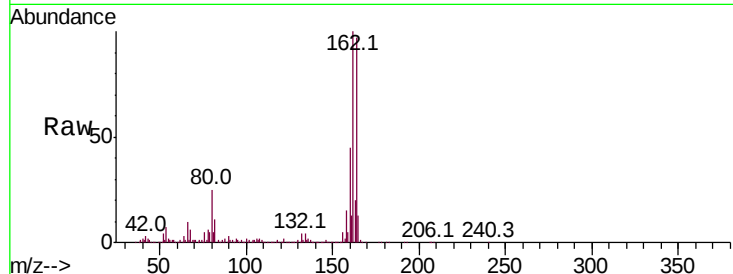
Tot Ion:164 Resp: 355079

Ion Ratio Lower Upper

164 100

162 103.0 79.3 118.9

160 46.5 35.7 53.5

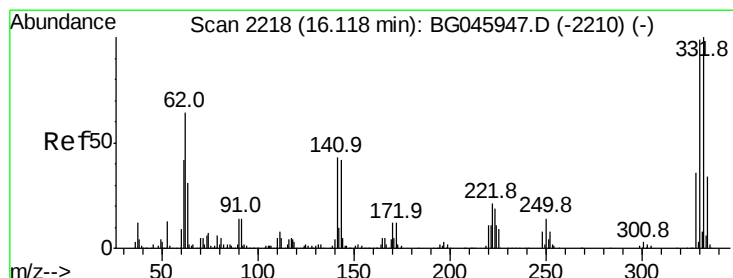
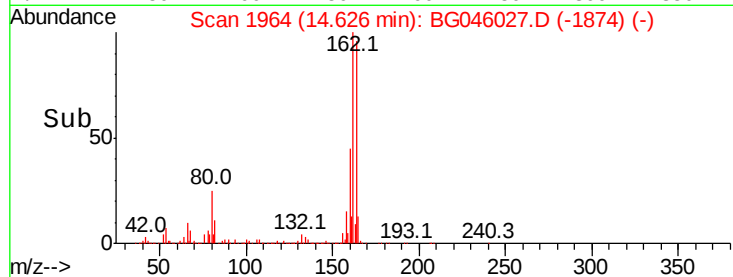
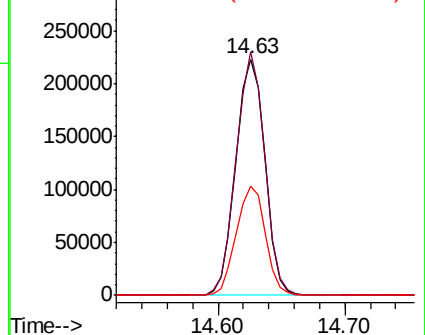


Abundance

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: 90.807 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

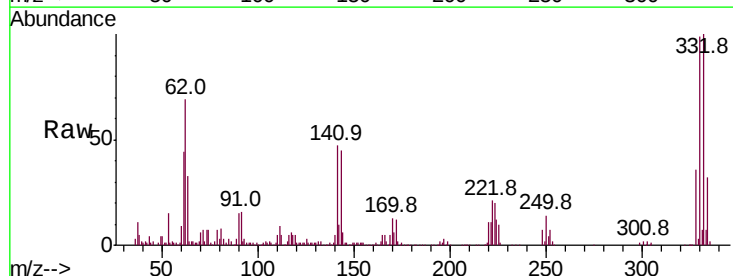
Tgt Ion:330 Resp: 299255

Ion Ratio Lower Upper

330 100

332 97.6 78.3 117.5

141 47.1 36.6 54.8

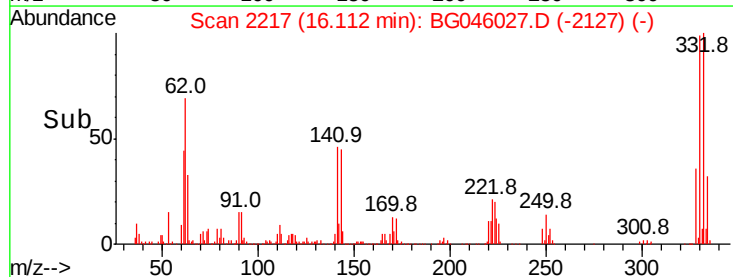
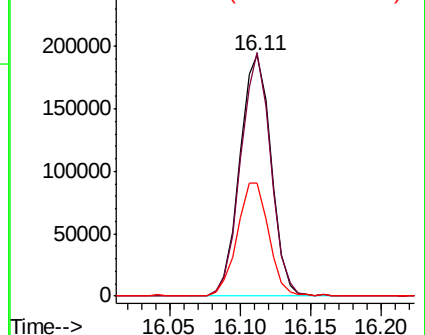


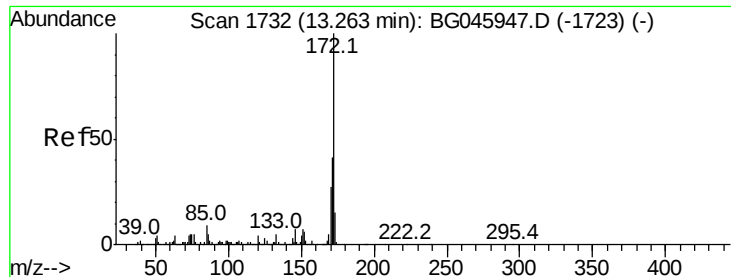
Abundance

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

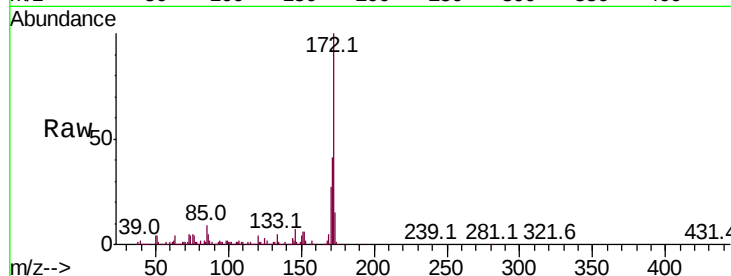




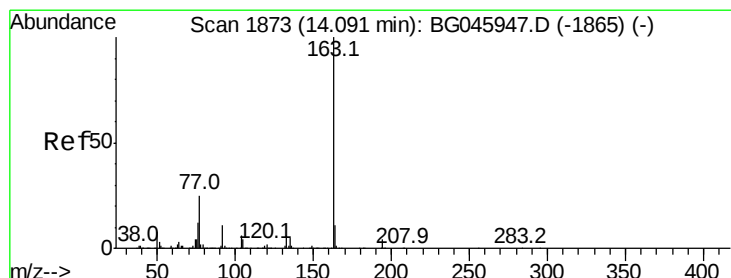
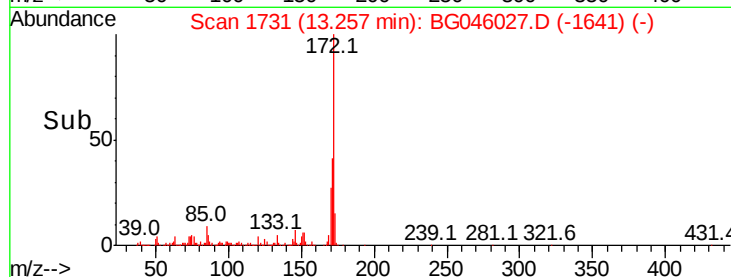
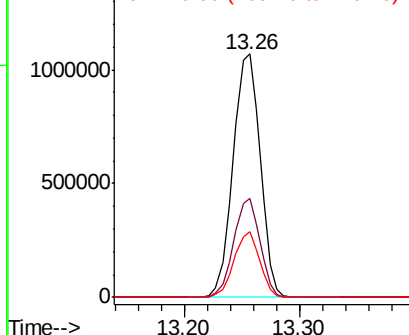
#45
2-Fluorobiphenyl
Concen: 76.555 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG046027.D
Acq: 13 Jul 2020 17:57

Instrument :
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Tot Ion:172 Resp: 1742709
Ion Ratio Lower Upper
172 100
171 40.7 32.9 49.3
170 26.8 21.8 32.6

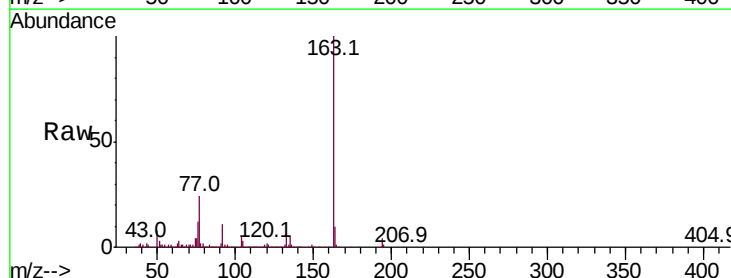


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

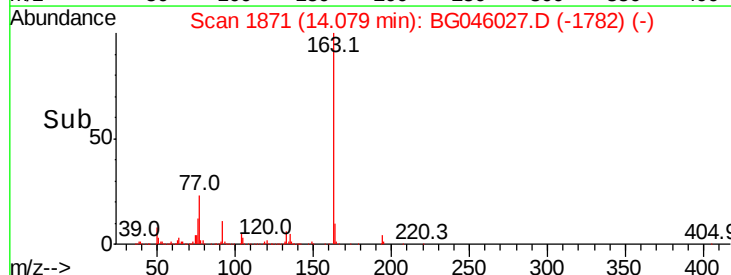
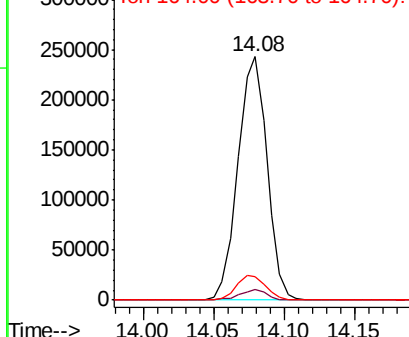


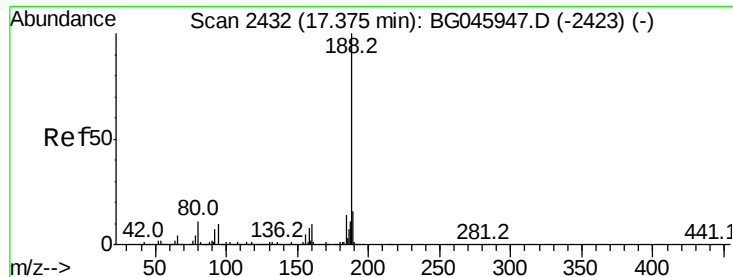
#50
Dimethylphthalate
Concen: 13.133 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG046027.D
Acq: 13 Jul 2020 17:57

Tgt Ion:163 Resp: 349956
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.6 8.9 13.3



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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

Instrument :

BNA_G

ClientSampleId :

TI-633

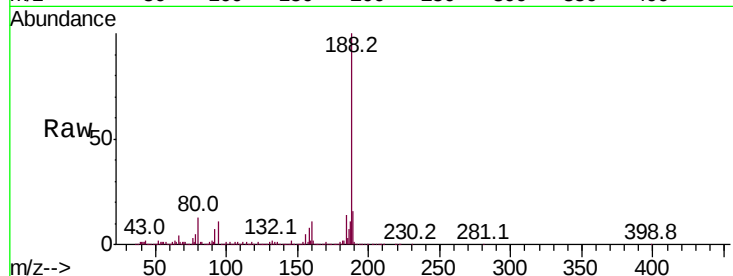
Tot Ion:188 Resp: 745772

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

80 12.6 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

600000

400000

200000

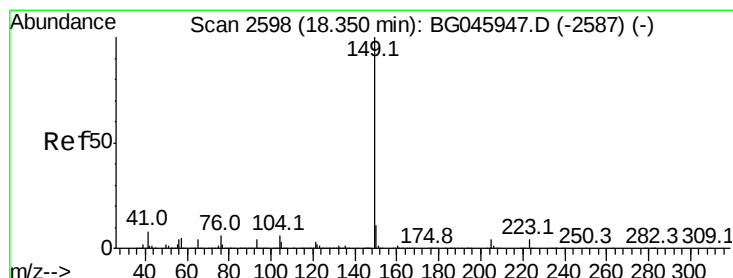
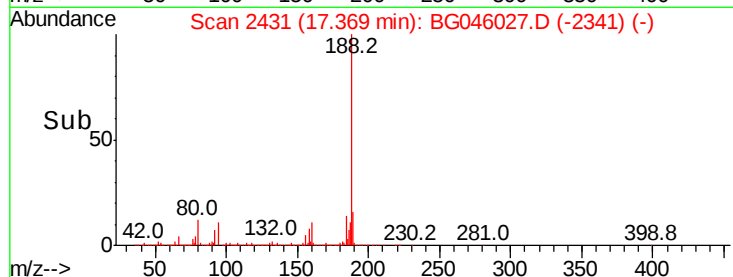
0

17.37

17.30

17.40

Time-->



#74

Di-n-butylphthalate

Concen: 5.687 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

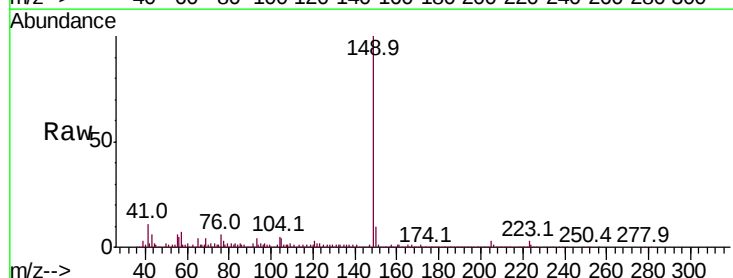
Tgt Ion:149 Resp: 275599

Ion Ratio Lower Upper

149 100

150 9.7 9.0 13.4

104 5.4 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

250000

200000

150000

100000

50000

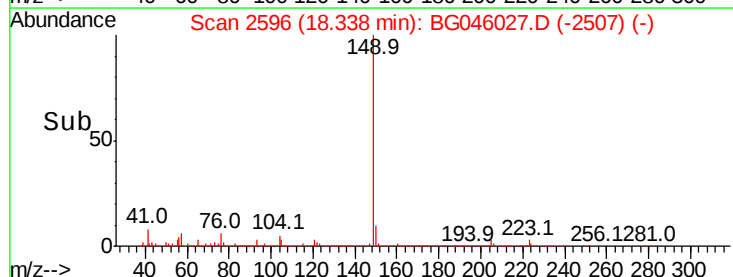
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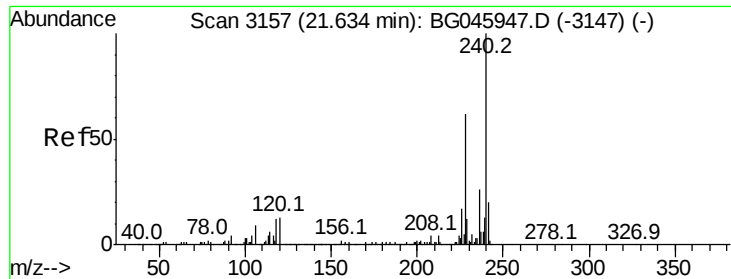
18.34

18.30

18.40

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

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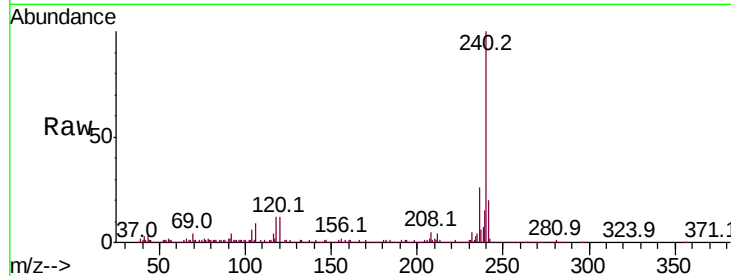
Tot Ion:240 Resp: 636208

Ion Ratio Lower Upper

240 100

120 12.2 10.6 16.0

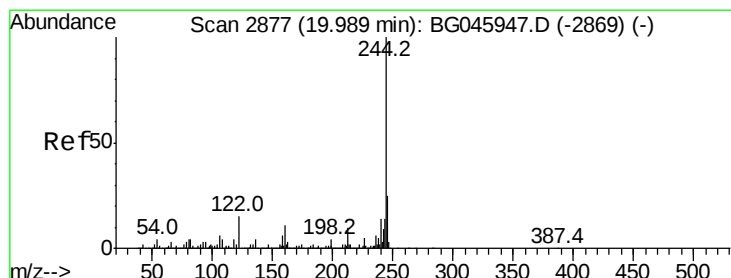
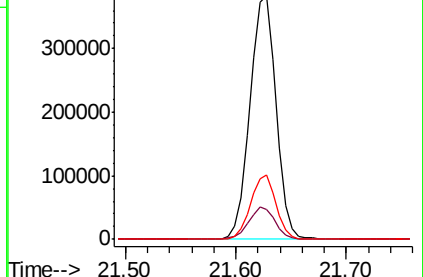
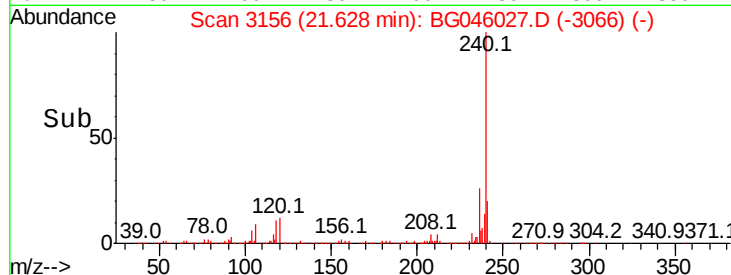
236 26.4 20.4 30.6



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: 77.181 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG046027.D

Acq: 13 Jul 2020 17:57

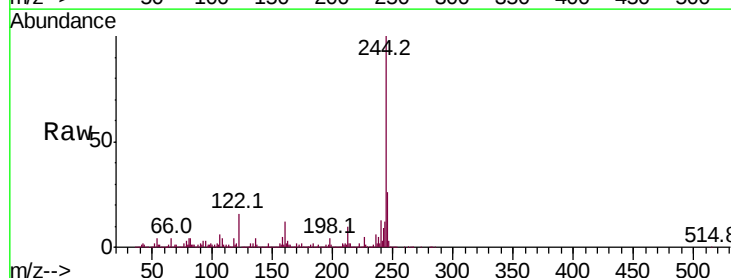
Tgt Ion:244 Resp: 2206368

Ion Ratio Lower Upper

244 100

212 10.2 8.3 12.5

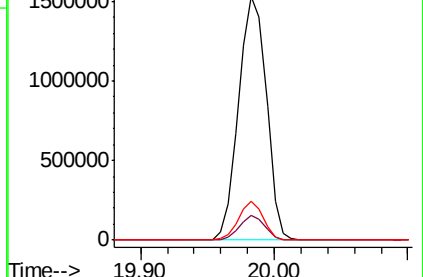
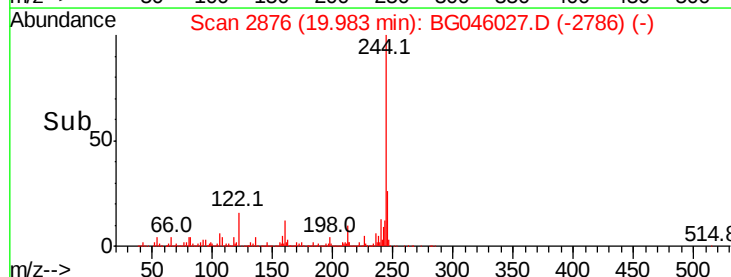
122 16.0 12.1 18.1

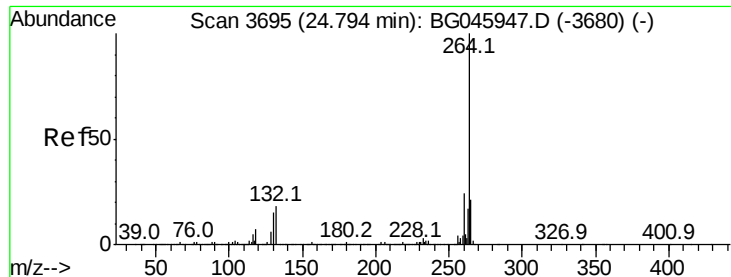


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG046027.D
Acq: 13 Jul 2020 17:57

Instrument :
BNA_G
ClientSampleId :
TI-633

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.9	16.9	25.3

