

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042825.D
 Acq On : 13 Sep 2019 20:28
 Operator : HP/JU
 Sample : K4847-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-27-COMP

Quant Time: Sep 13 23:56:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

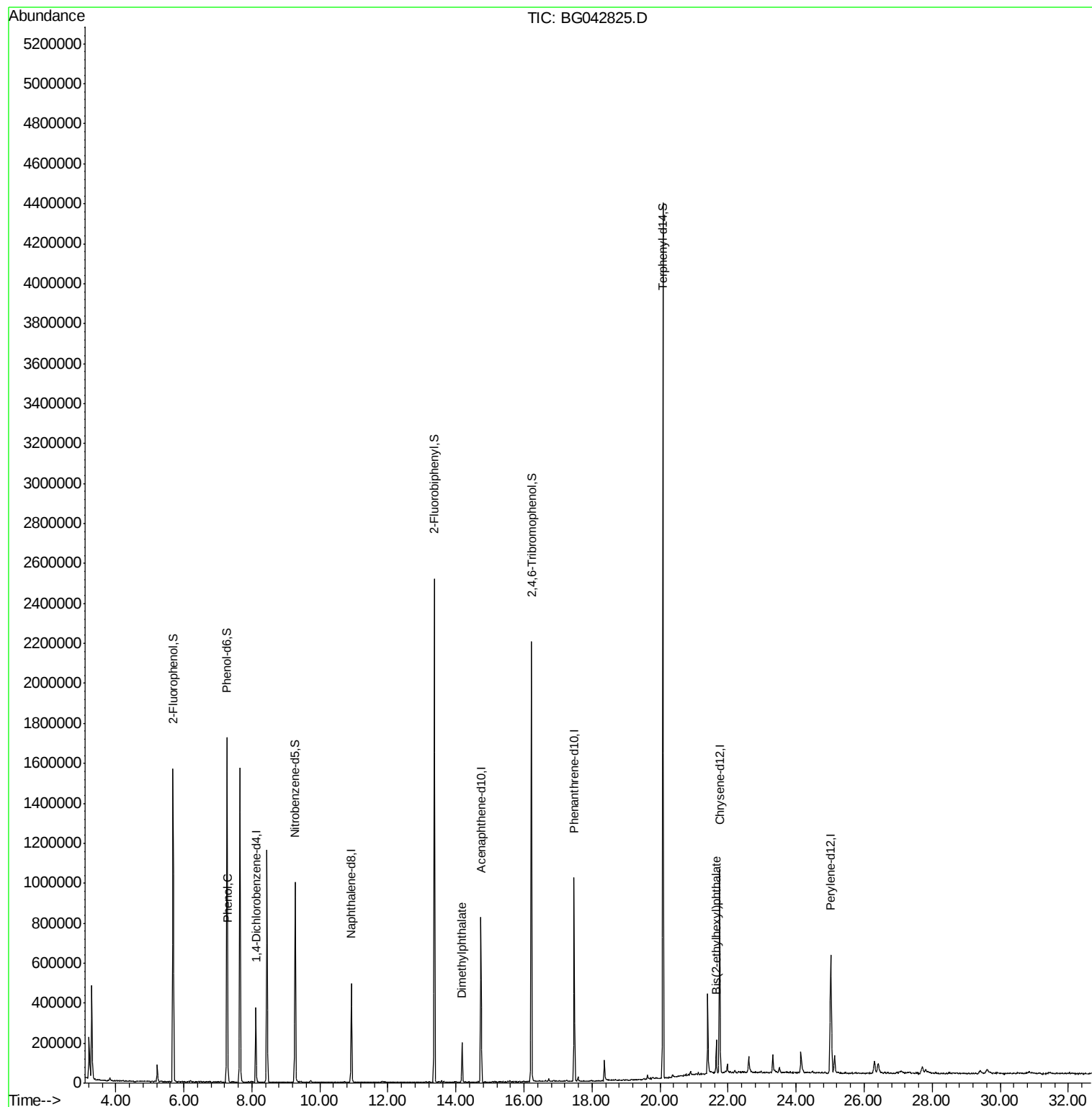
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	104803	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	419709	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	286536	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	632309	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	588810	20.00	ng	-0.01
87) Perylene-d12	25.02	264	649792	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	637068	105.68	ng	0.00
7) Phenol-d6	7.27	99	969264	112.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	608521	75.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	417055	109.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1321872	73.03	ng	-0.01
79) Terphenyl-d14	20.08	244	2023505	76.16	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	44159	4.977	ng	90
50) Dimethylphthalate	14.18	163	127381	5.934	ng	96
84) Bis(2-ethylhexyl)phthalate	21.65	149	67661	3.319	ng	98

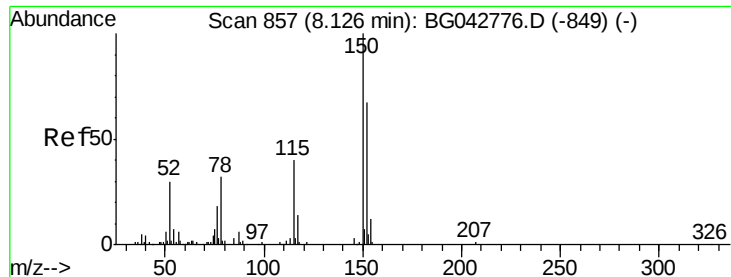
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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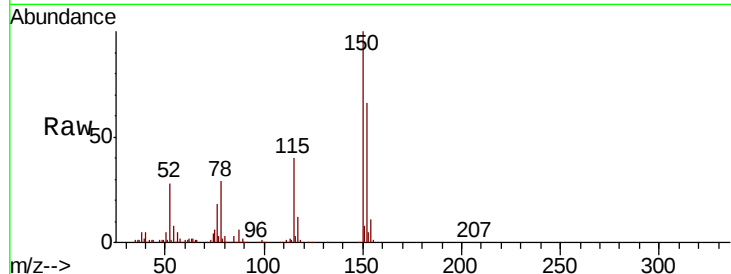


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

Instrument :
BNA_G
ClientSampleId :
SB-27-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	118.9	178.3
115	60.1	47.4	71.2

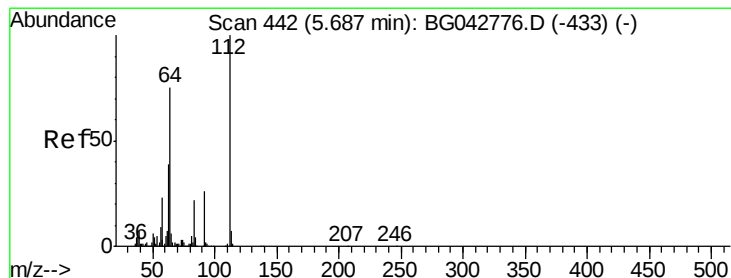
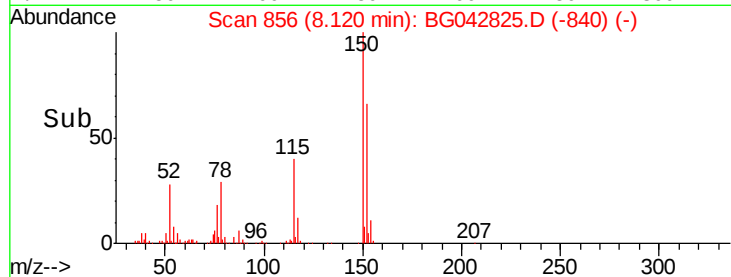
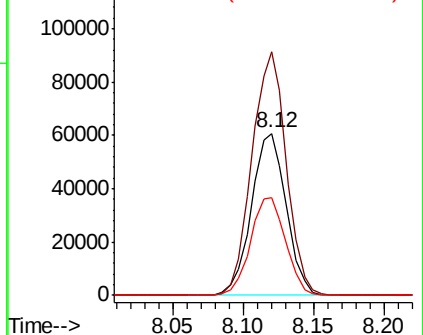


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

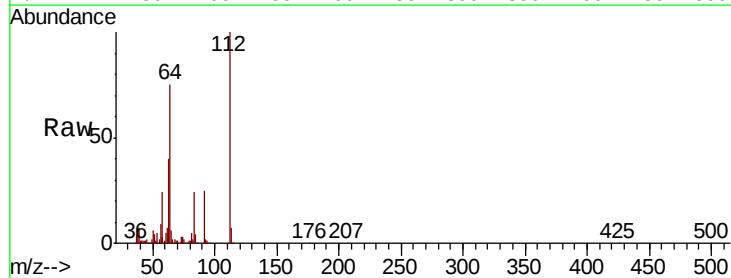
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.682 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.2	90.2
63	40.5	31.2	46.8

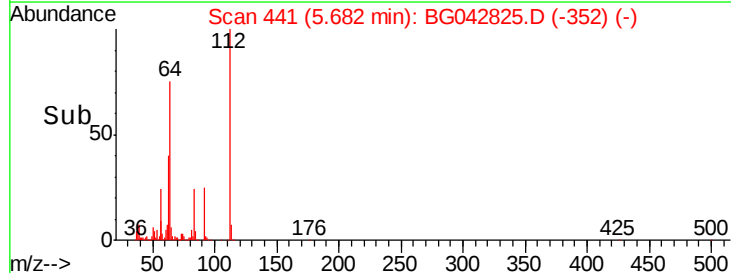
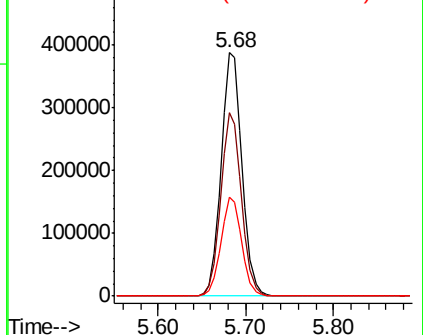


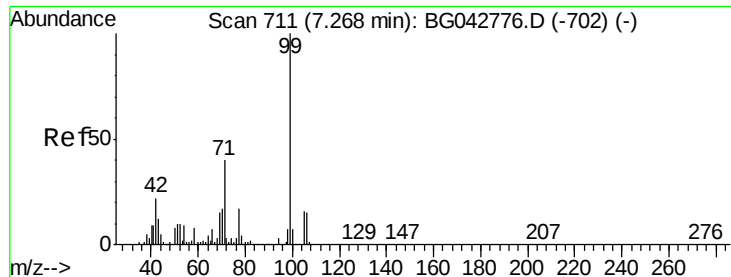
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.021 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SB-27-COMP

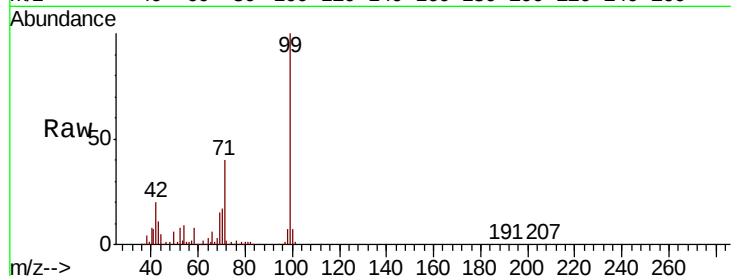
Tot Ion: 99 Resp: 969264

Ion Ratio Lower Upper

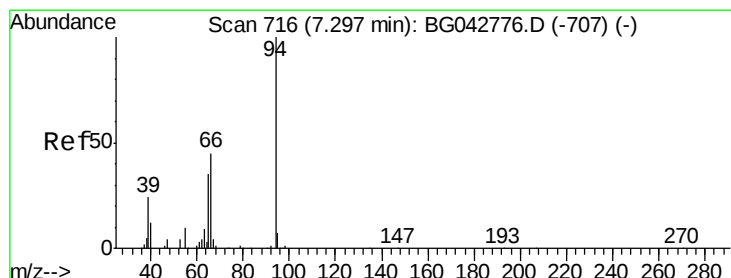
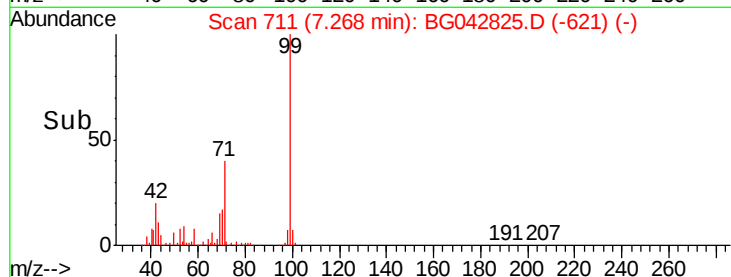
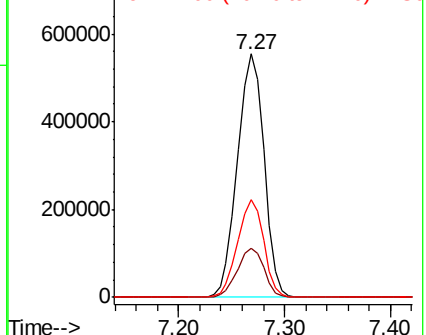
99 100

42 20.0 17.5 26.3

71 40.1 32.0 48.0



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: 4.977 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

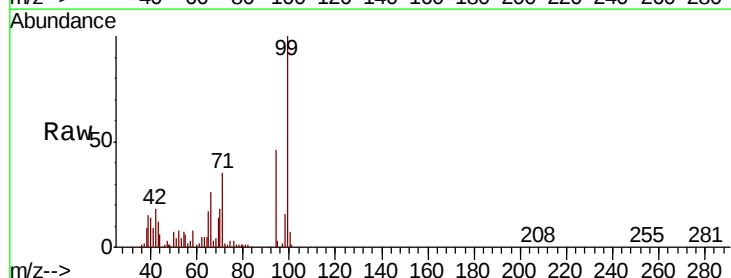
Tgt Ion: 94 Resp: 44159

Ion Ratio Lower Upper

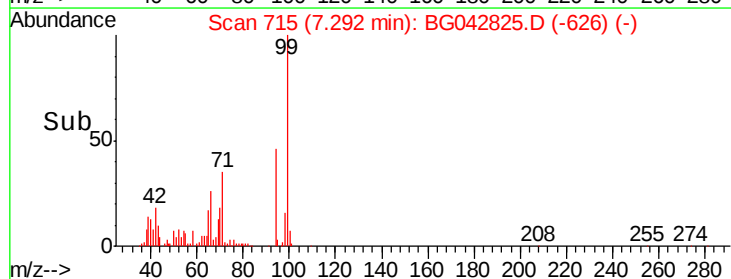
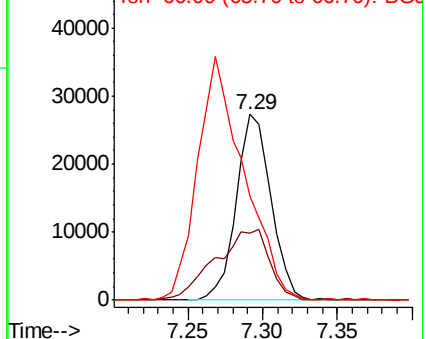
94 100

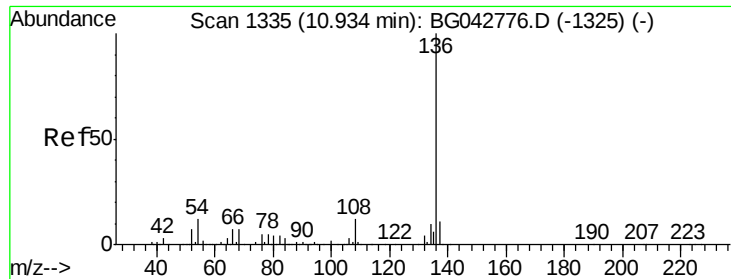
65 36.3 15.0 55.0

66 56.3 26.1 66.1



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

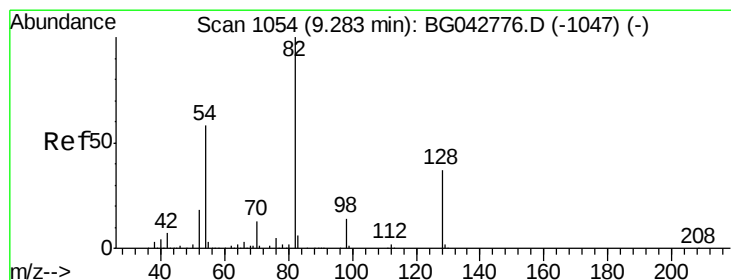
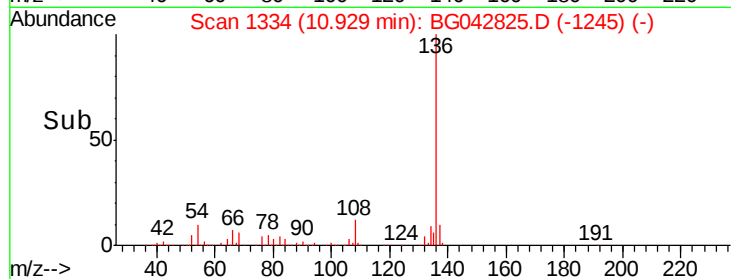
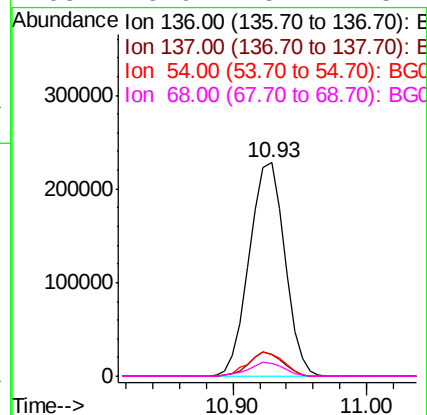
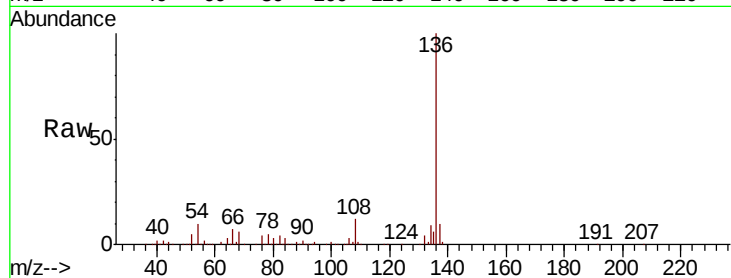




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

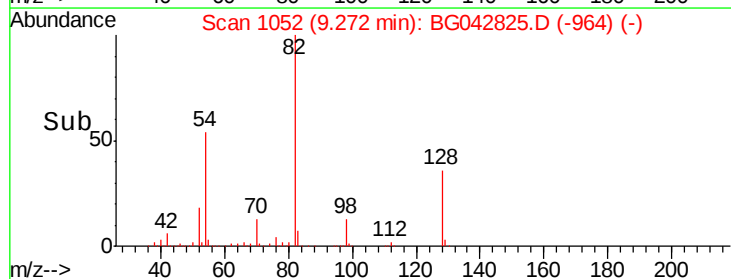
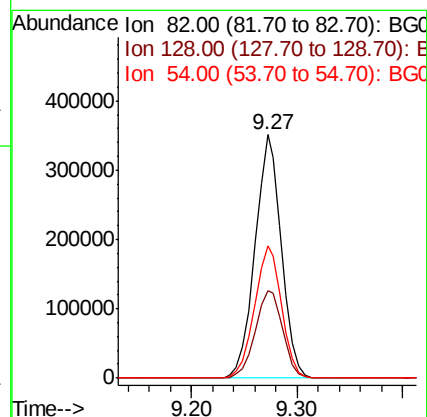
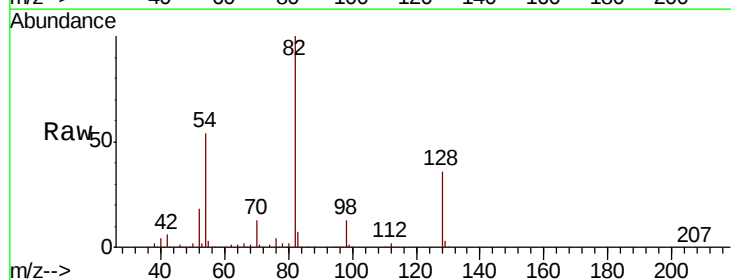
Instrument :
BNA_G
ClientSampleId :
SB-27-COMP

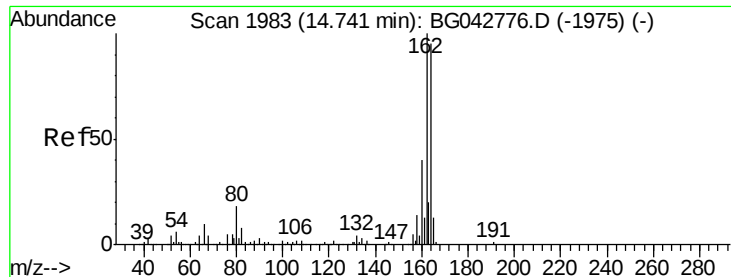
Tot Ion:136	Resp:	419709
Ion	Ratio	Lower Upper
136	100	
137	10.1	9.0 13.6
54	10.2	9.4 14.0
68	5.9	5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.483 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

Tgt Ion: 82	Resp:	608521
Ion	Ratio	Lower Upper
82	100	
128	35.7	29.8 44.8
54	54.2	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SB-27-COMP

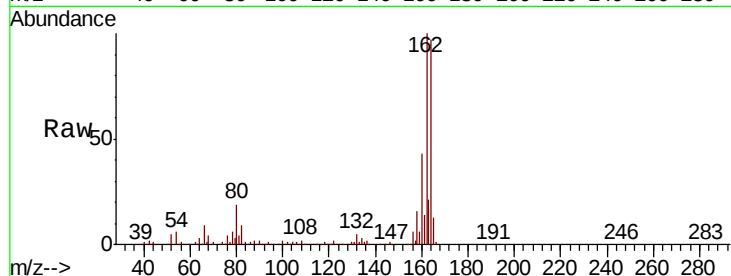
Tot Ion:164 Resp: 286536

Ion Ratio Lower Upper

164 100

162 102.8 84.6 126.8

160 44.6 34.2 51.2

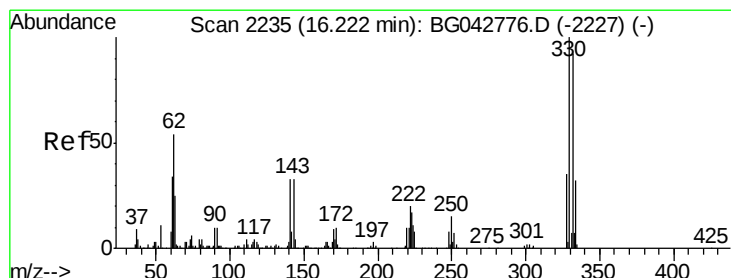
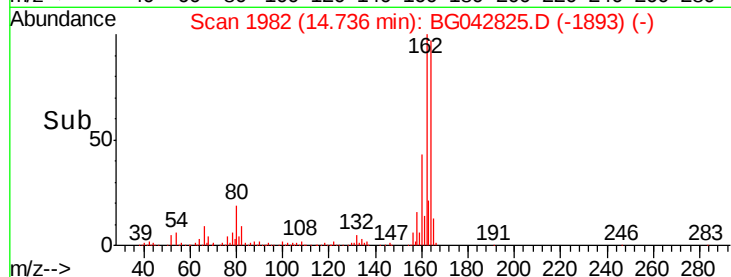
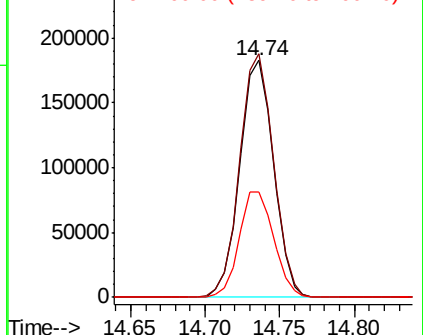


Abundance

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: 109.402 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

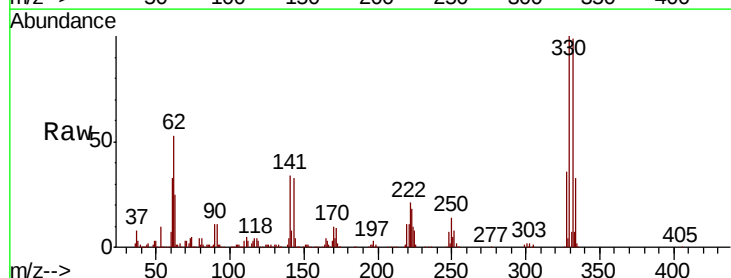
Tgt Ion:330 Resp: 417055

Ion Ratio Lower Upper

330 100

332 96.1 76.7 115.1

141 35.0 27.0 40.6

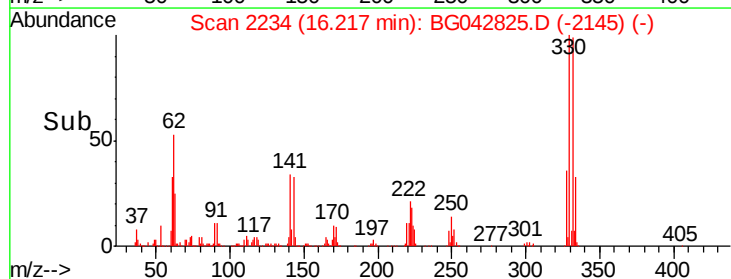
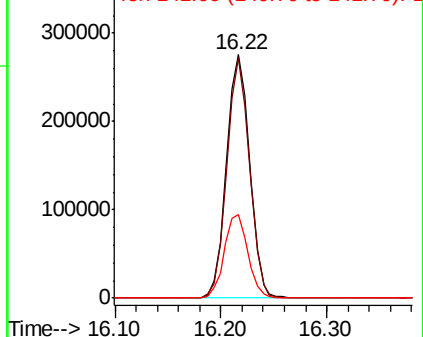


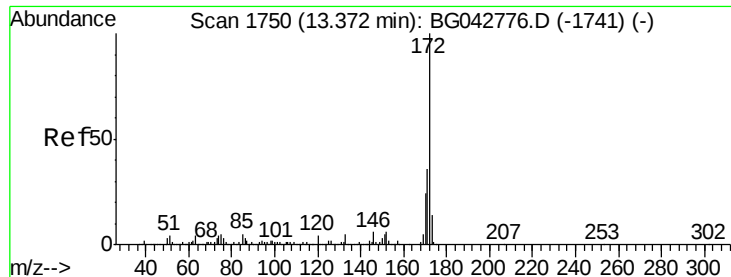
Abundance

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

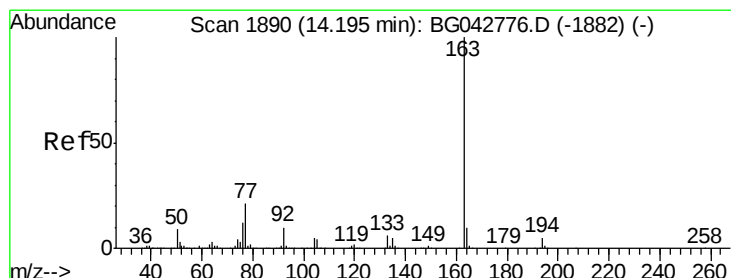
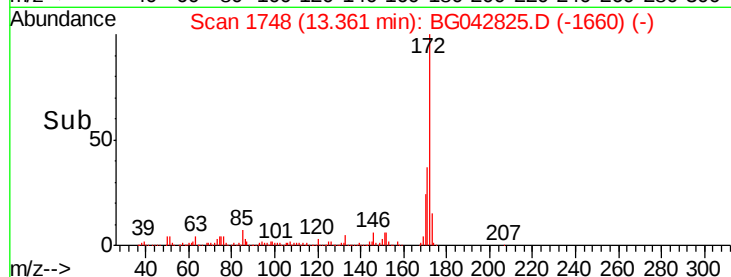
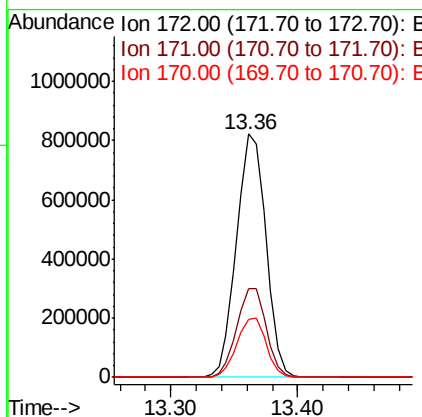
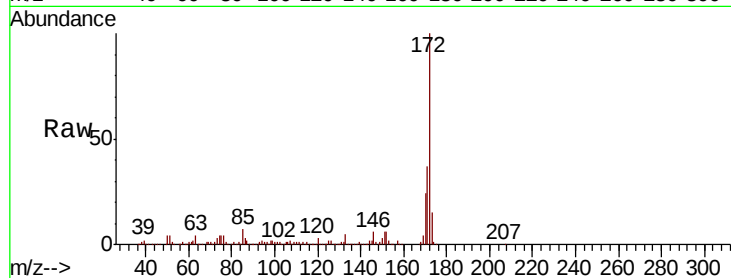




#45
2-Fluorobiphenyl
Concen: 73.025 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

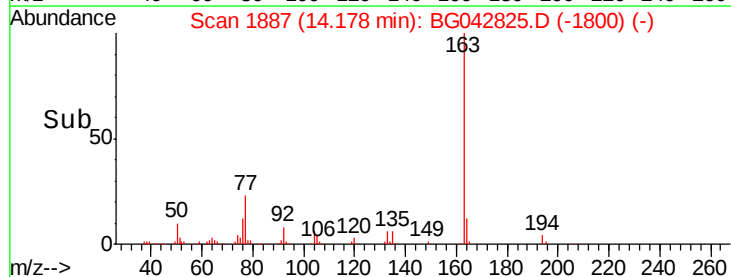
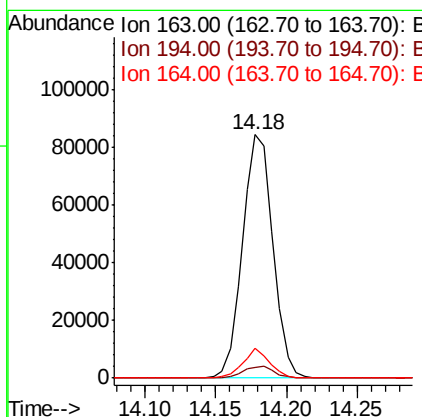
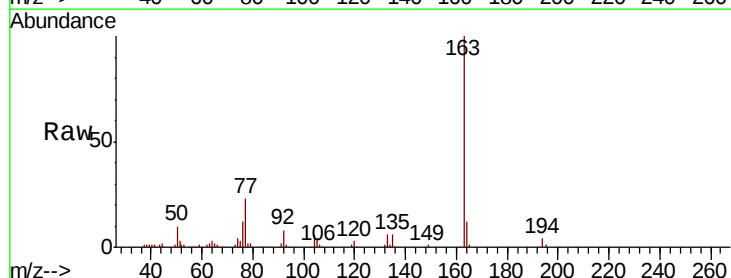
Instrument :
BNA_G
ClientSampleId :
SB-27-COMP

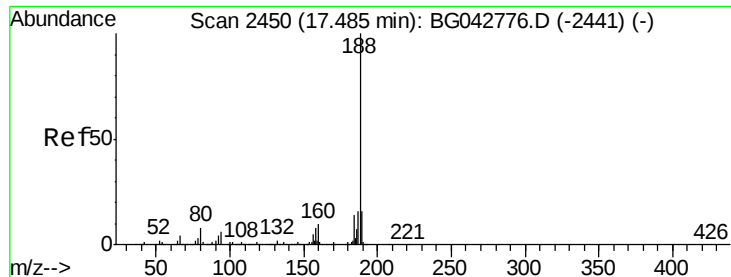
Tot Ion:172 Resp: 1321872
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 23.9 19.1 28.7



#50
Dimethylphthalate
Concen: 5.934 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042825.D
Acq: 13 Sep 2019 20:28

Tgt Ion:163 Resp: 127381
Ion Ratio Lower Upper
163 100
194 4.4 4.2 6.4
164 12.1 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

Instrument :

BNA_G

ClientSampled :

SB-27-COMP

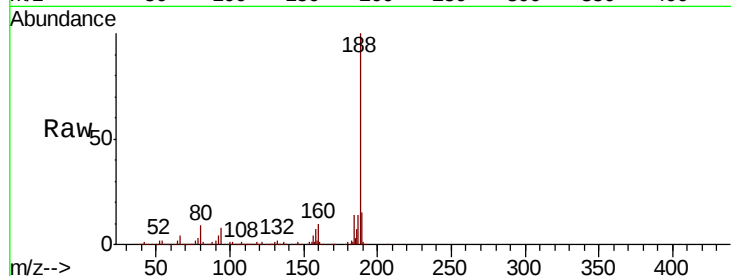
Tot Ion:188 Resp: 632309

Ion Ratio Lower Upper

188 100

94 7.6 4.8 7.2#

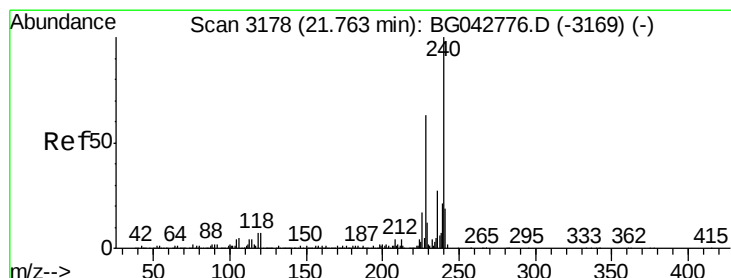
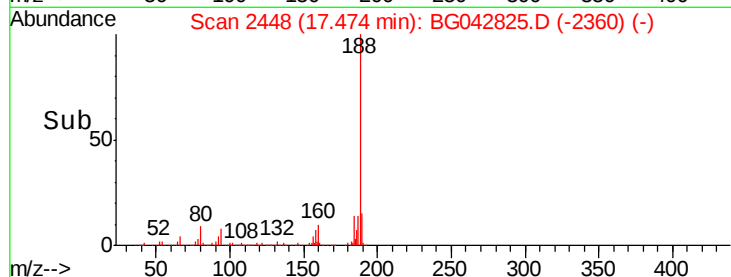
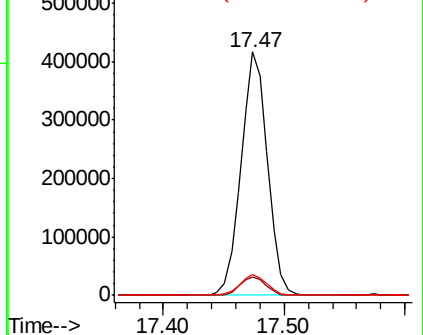
80 8.7 6.6 9.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

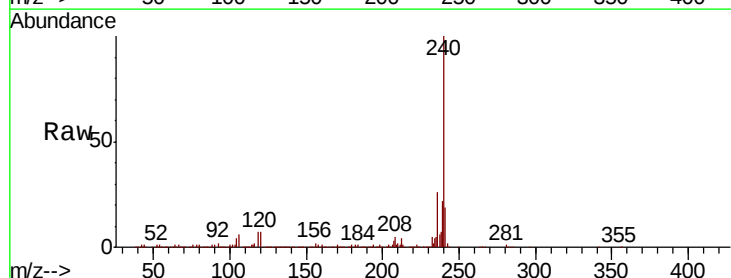
Tgt Ion:240 Resp: 588810

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

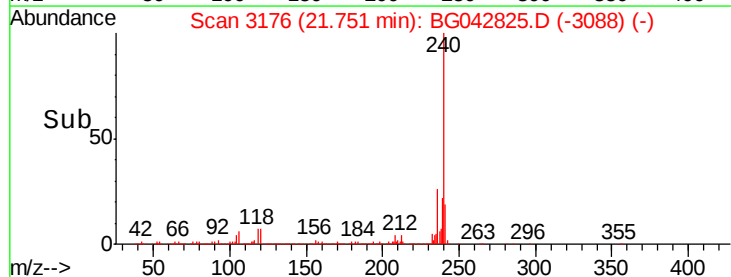
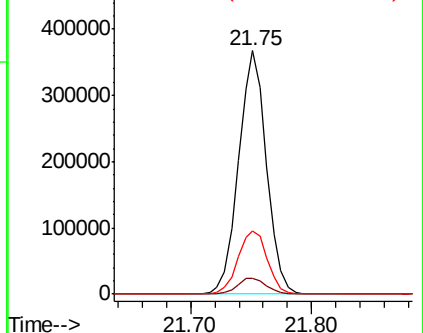
236 26.1 21.7 32.5

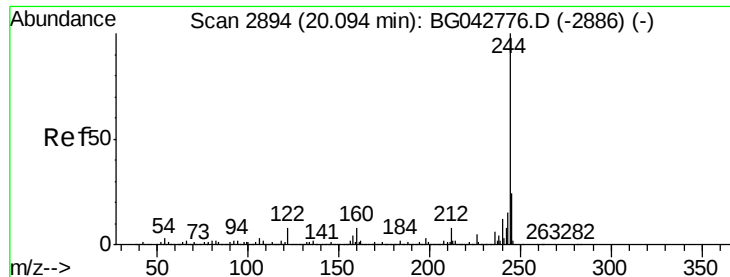


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.165 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

Instrument :

BNA_G

ClientSampleId :

SB-27-COMP

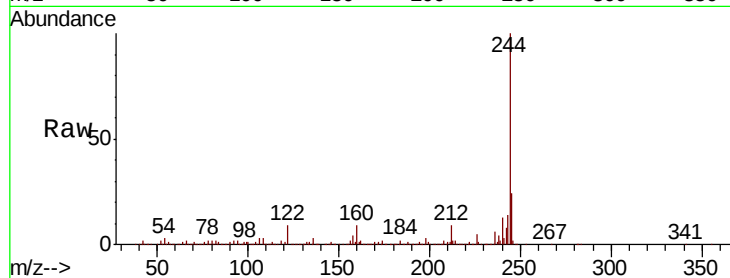
Tot Ion:244 Resp: 2023505

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

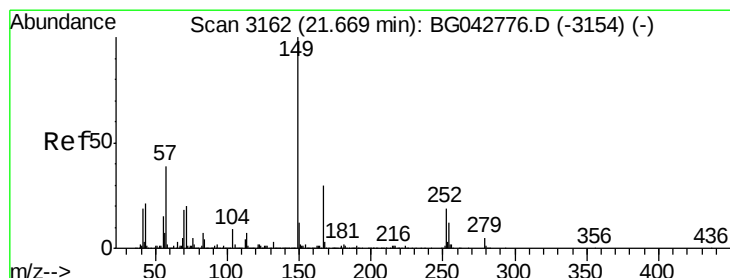
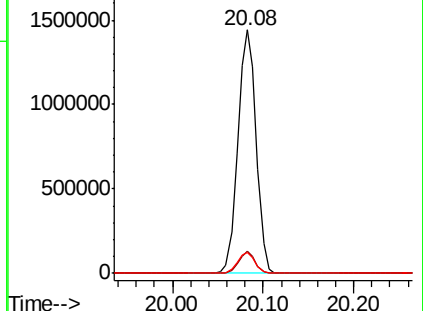
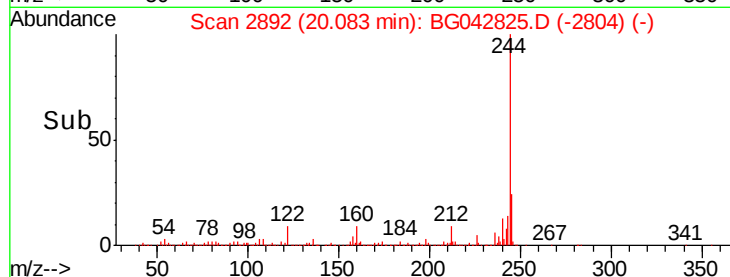
122 8.7 6.2 9.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.319 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG042825.D

Acq: 13 Sep 2019 20:28

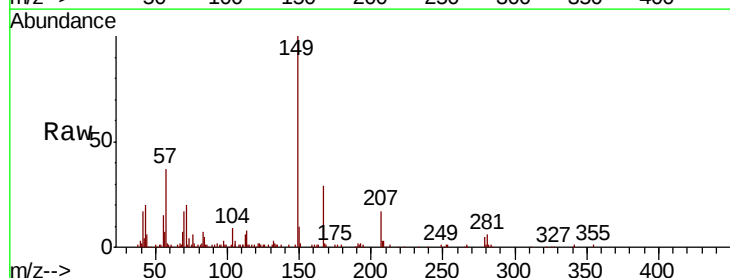
Tgt Ion:149 Resp: 67661

Ion Ratio Lower Upper

149 100

167 29.0 24.3 36.5

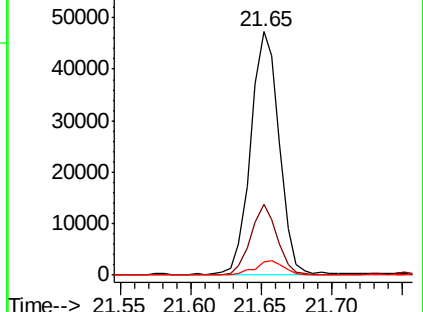
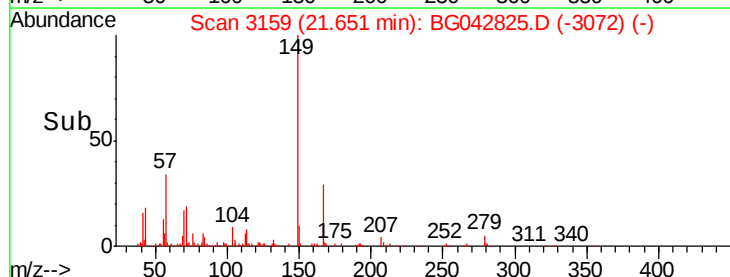
279 5.2 4.2 6.4

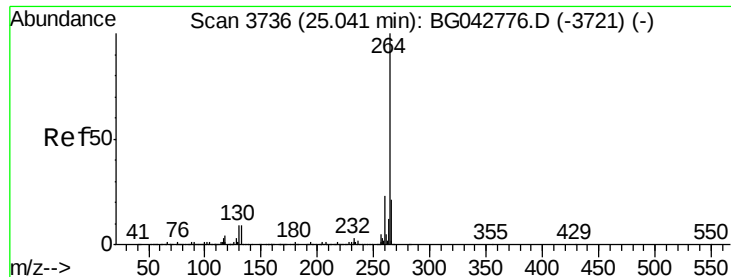


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.02 min
 Lab File: BG042825.D
 Acq: 13 Sep 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-27-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.2	16.9	25.3

