

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042833.D
 Acq On : 14 Sep 2019 1:32
 Operator : HP/JU
 Sample : K4847-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-35-COMP

Quant Time: Sep 14 07:09:30 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

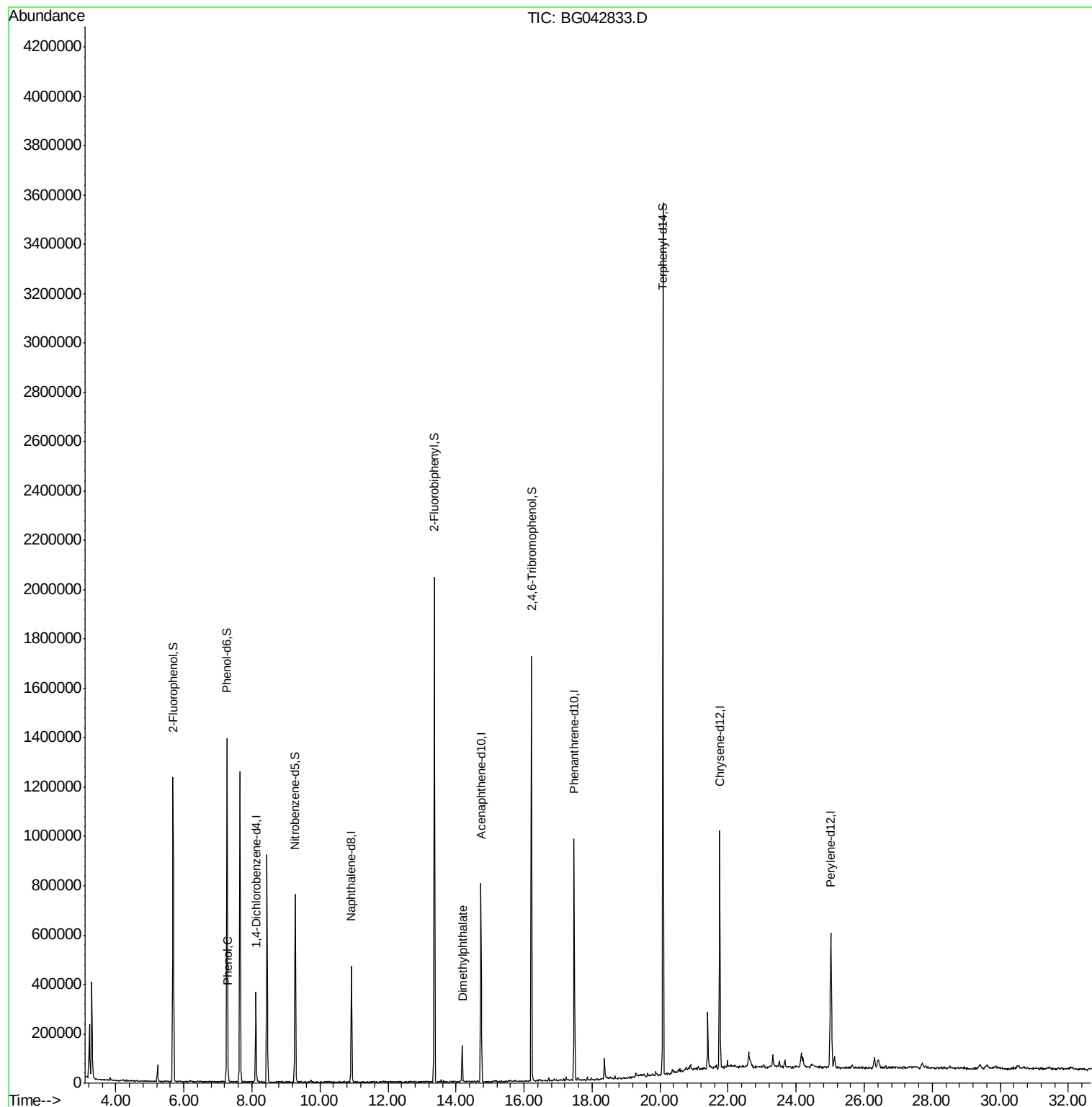
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	101711	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	404894	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	276421	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	612268	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	564199	20.00	ng	-0.01
87) Perylene-d12	25.02	264	617290	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	506562	86.59	ng	0.00
7) Phenol-d6	7.27	99	773334	92.09	ng	0.00
23) Nitrobenzene-d5	9.27	82	481008	61.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	331477	90.13	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1096930	62.82	ng	0.00
79) Terphenyl-d14	20.08	244	1652563	64.92	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	33283	3.865	ng	99
50) Dimethylphthalate	14.18	163	96146	4.643	ng	96

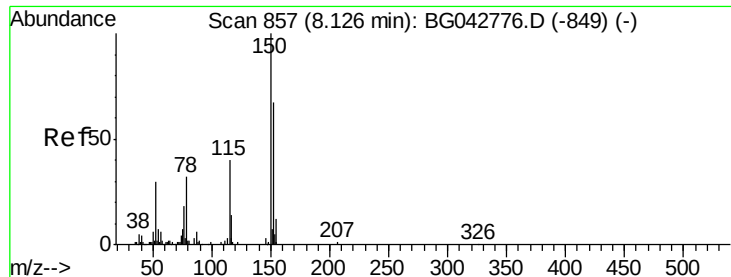
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

SB-35-COMP

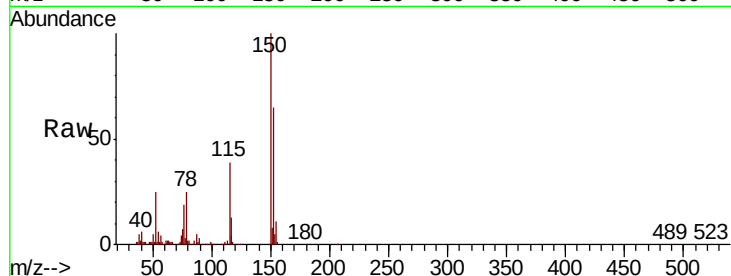
Tot Ion:152 Resp: 101711

Ion Ratio Lower Upper

152 100

150 154.0 118.9 178.3

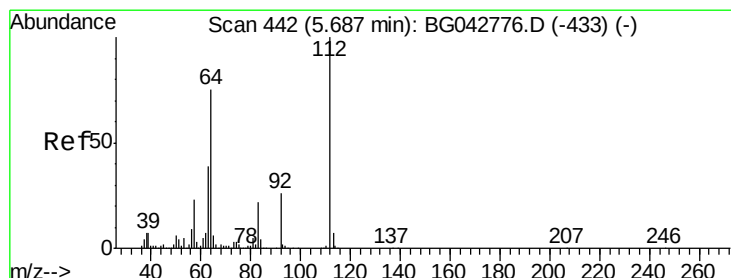
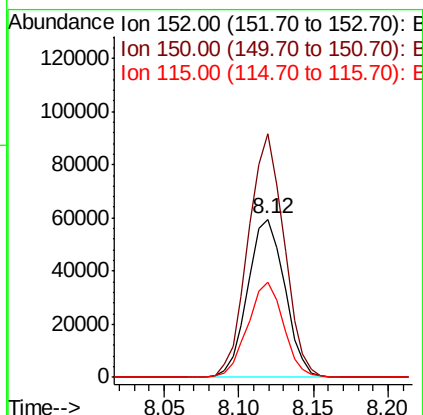
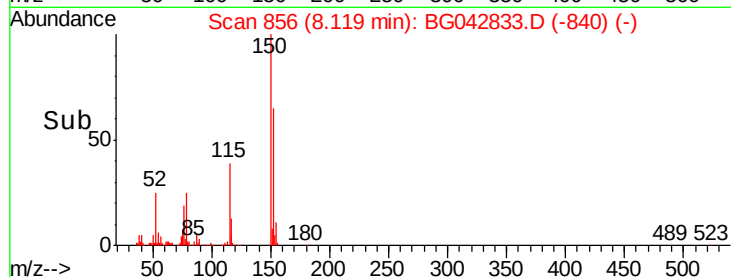
115 60.1 47.4 71.2



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: 86.587 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

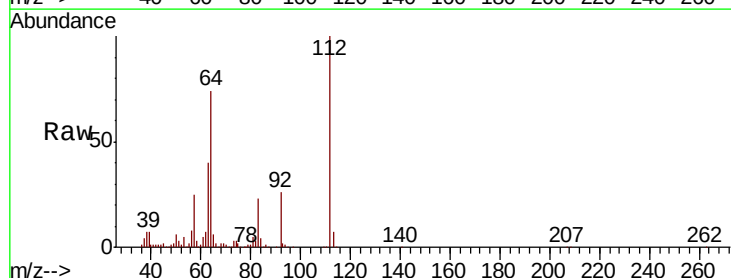
Tgt Ion:112 Resp: 506562

Ion Ratio Lower Upper

112 100

64 74.0 60.2 90.2

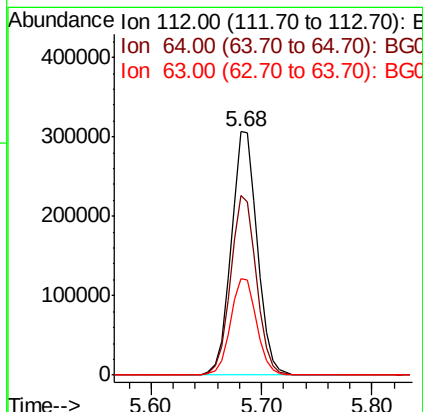
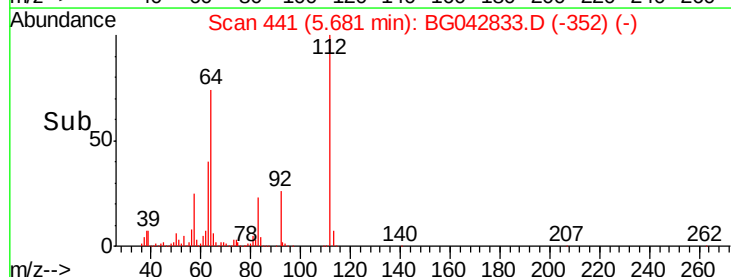
63 39.7 31.2 46.8

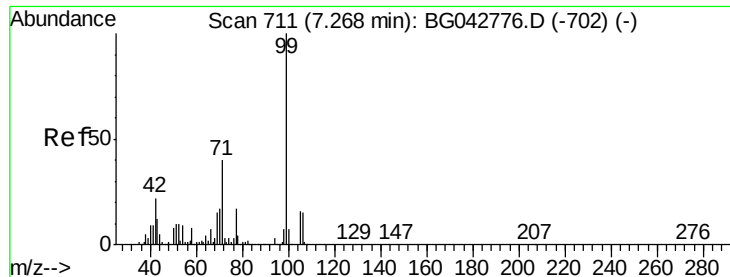


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 92.094 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

SB-35-COMP

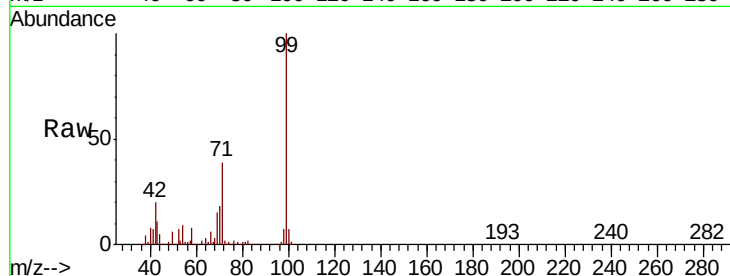
Tot Ion: 99 Resp: 773334

Ion Ratio Lower Upper

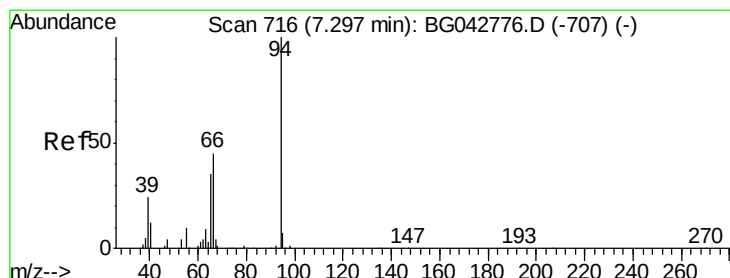
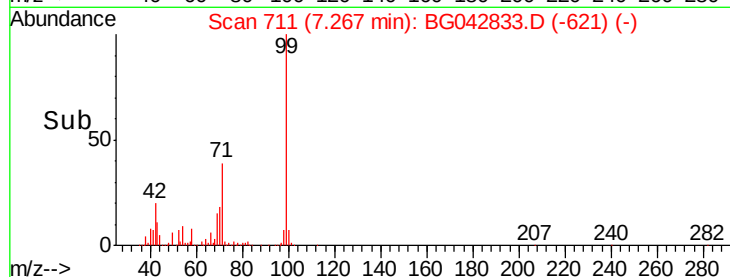
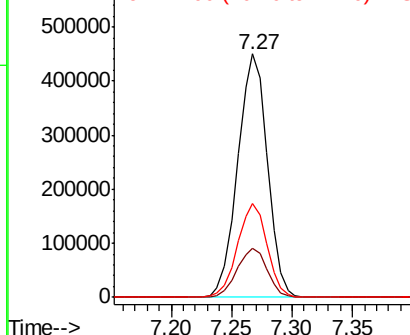
99 100

42 20.3 17.5 26.3

71 38.6 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: 3.865 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

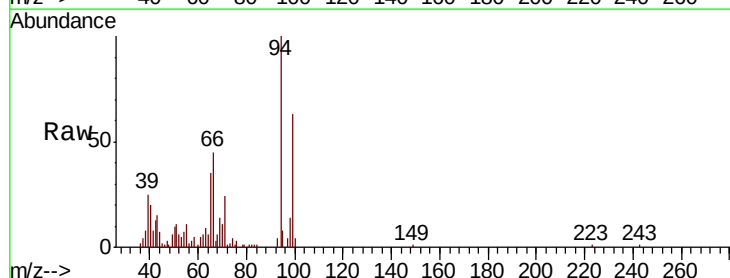
Tgt Ion: 94 Resp: 33283

Ion Ratio Lower Upper

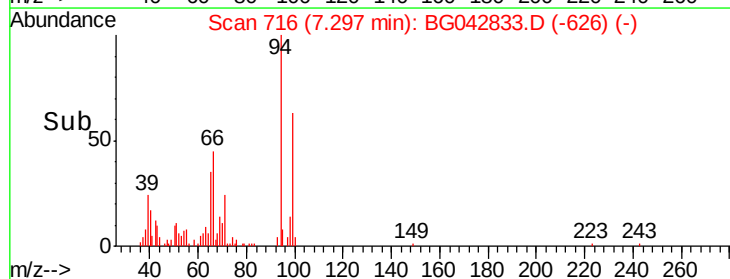
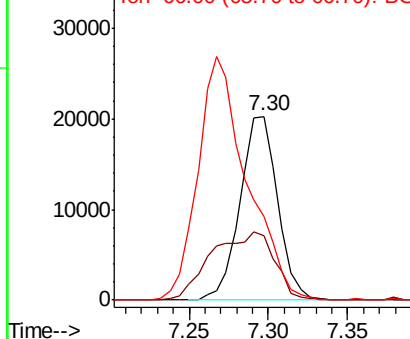
94 100

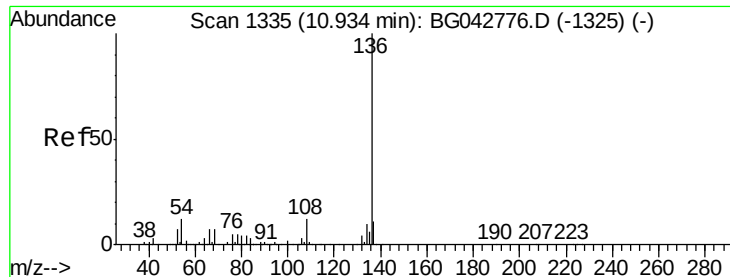
65 35.3 15.0 55.0

66 45.2 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

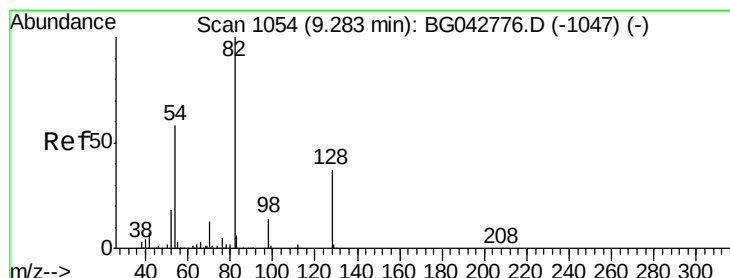
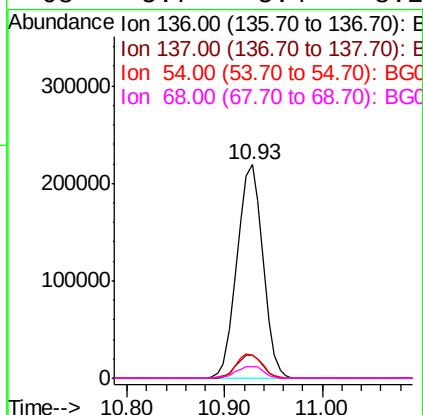
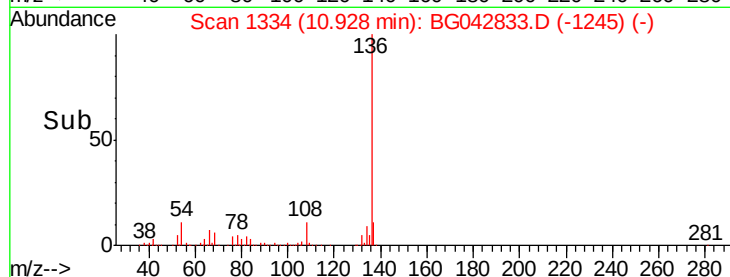
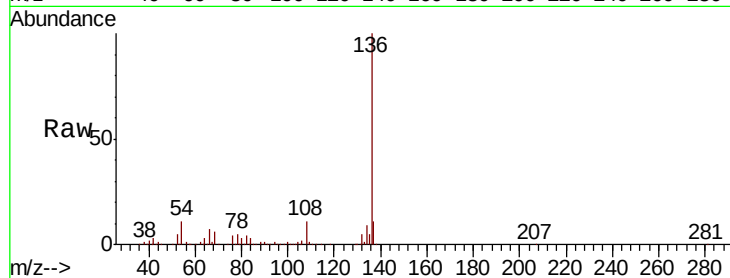




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

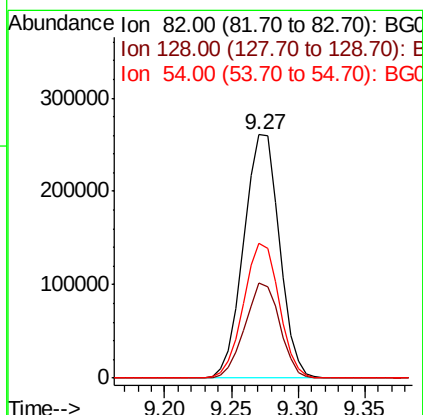
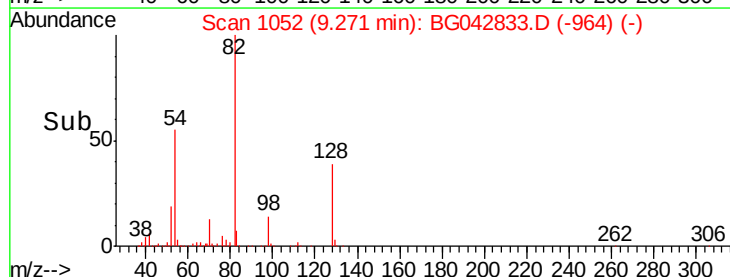
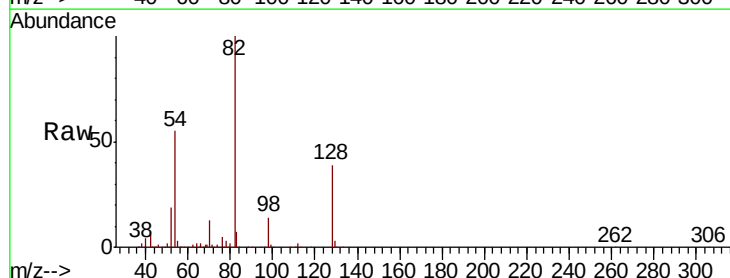
Instrument :
BNA_G
ClientSampleId :
SB-35-COMP

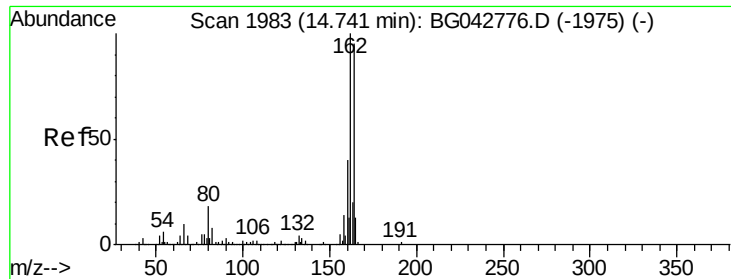
Tot Ion:136	Resp:	404894
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.6
54	10.9	9.4 14.0
68	5.7	5.4 8.2



#23
Nitrobenzene-d5
Concen: 61.849 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

Tgt Ion: 82	Resp:	481008
Ion	Ratio	Lower Upper
82	100	
128	39.1	29.8 44.8
54	55.5	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: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

SB-35-COMP

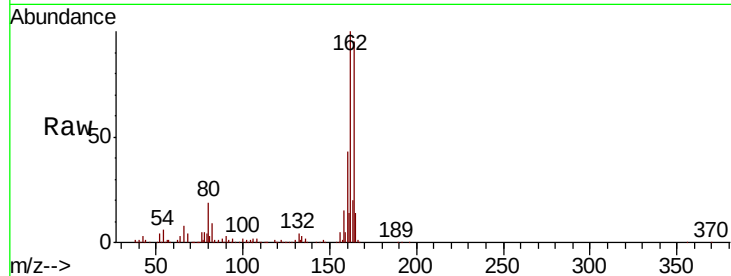
Tot Ion:164 Resp: 276421

Ion Ratio Lower Upper

164 100

162 105.0 84.6 126.8

160 45.1 34.2 51.2

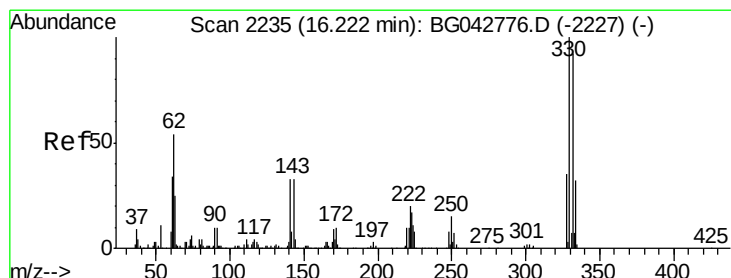
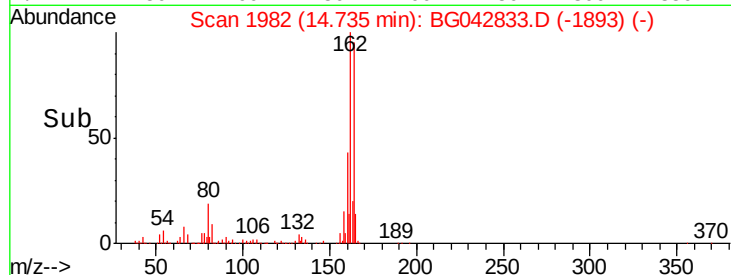
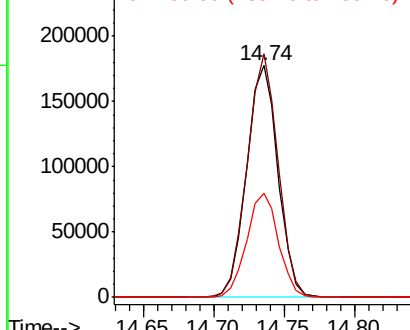


Abundance

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: 90.135 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

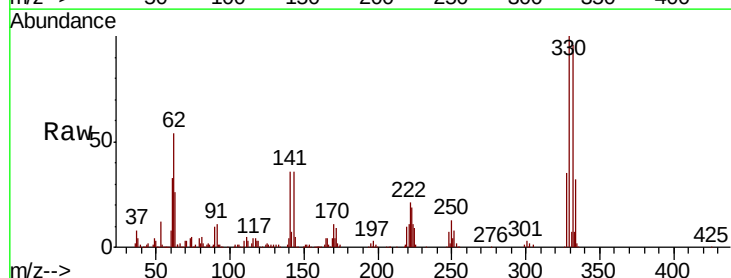
Tgt Ion:330 Resp: 331477

Ion Ratio Lower Upper

330 100

332 95.5 76.7 115.1

141 34.3 27.0 40.6

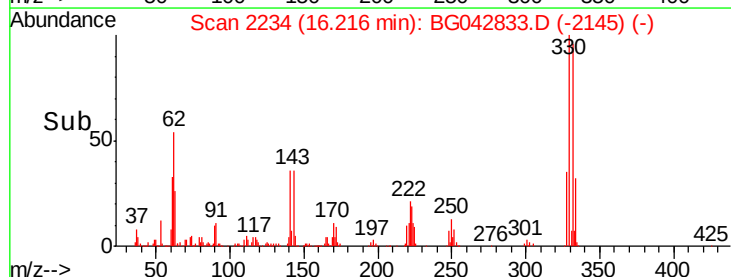
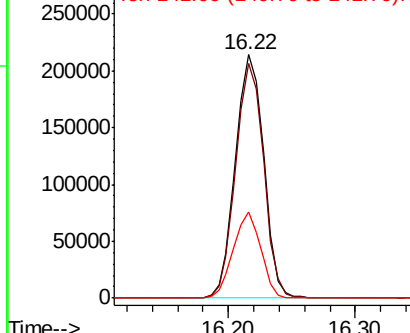


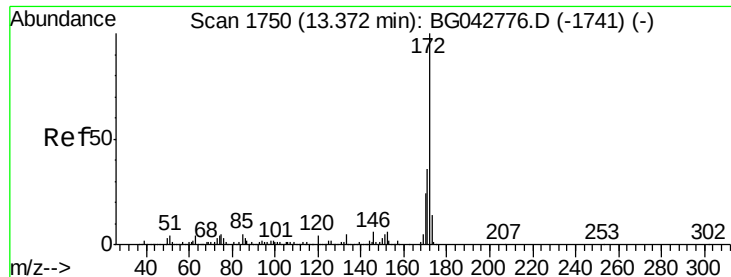
Abundance

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

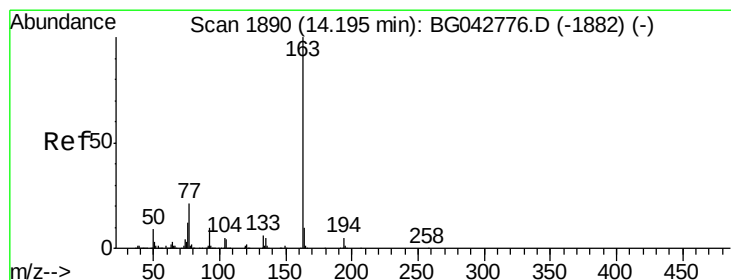
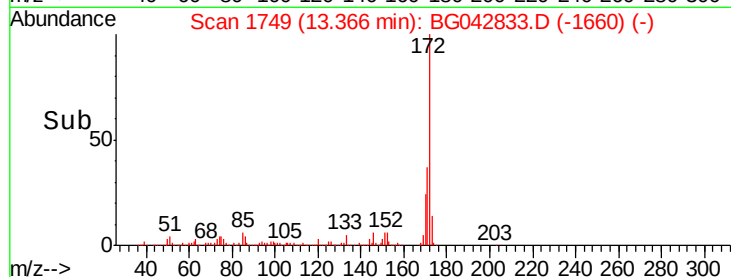
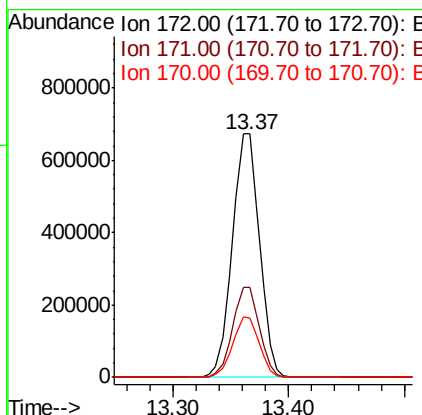
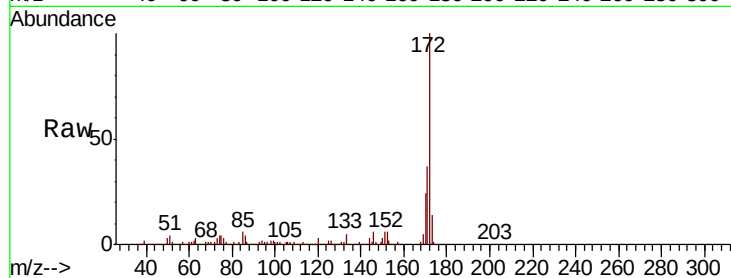




#45
2-Fluorobiphenyl
Concen: 62.816 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

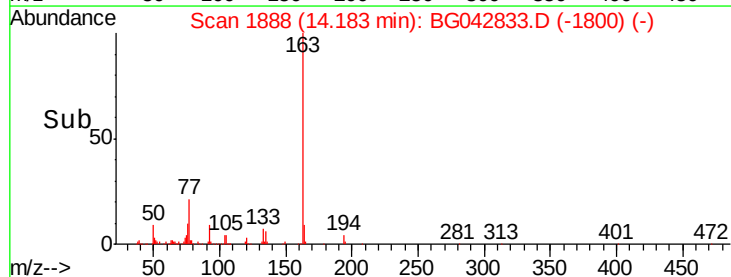
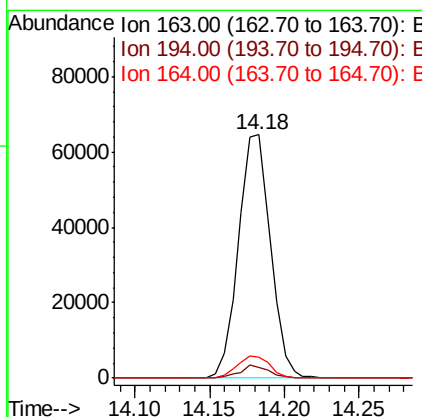
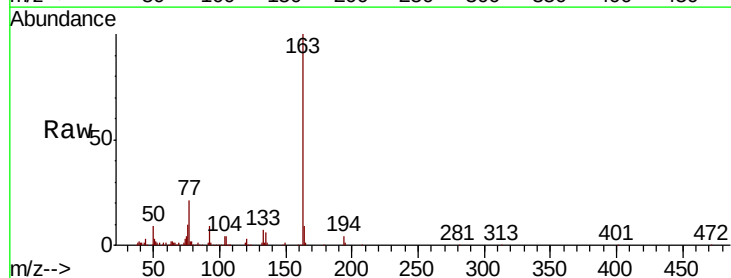
Instrument :
BNA_G
ClientSampleId :
SB-35-COMP

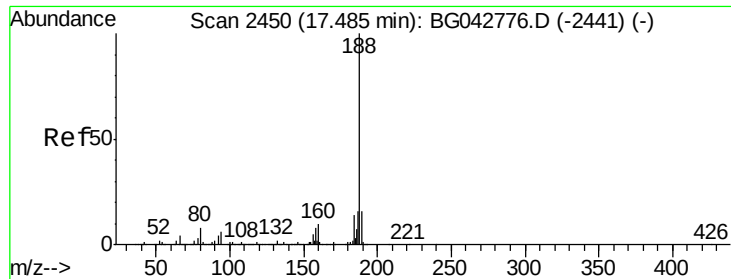
Tot Ion:172 Resp: 1096930
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.3 19.1 28.7



#50
Dimethylphthalate
Concen: 4.643 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

Tgt Ion:163 Resp: 96146
Ion Ratio Lower Upper
163 100
194 4.3 4.2 6.4
164 8.8 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: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

SB-35-COMP

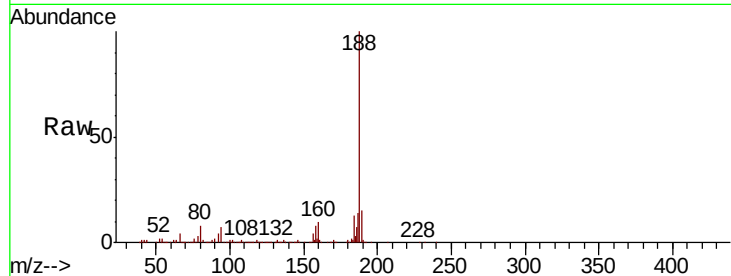
Tot Ion:188 Resp: 612268

Ion Ratio Lower Upper

188 100

94 7.4 4.8 7.2#

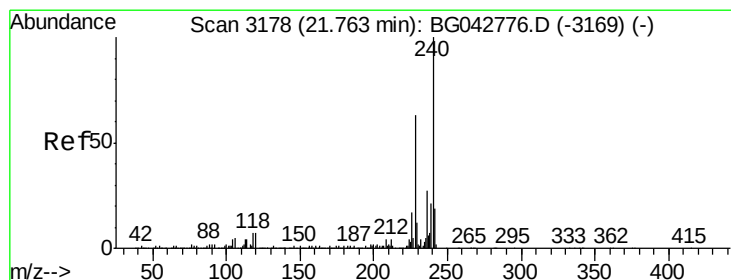
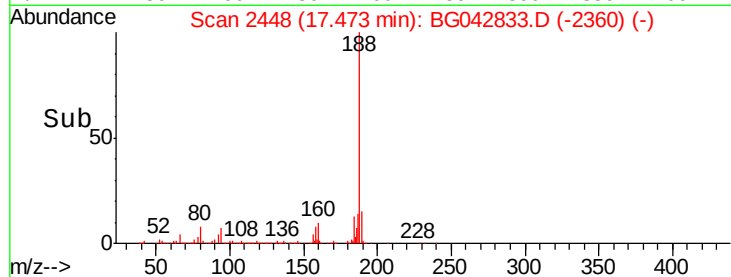
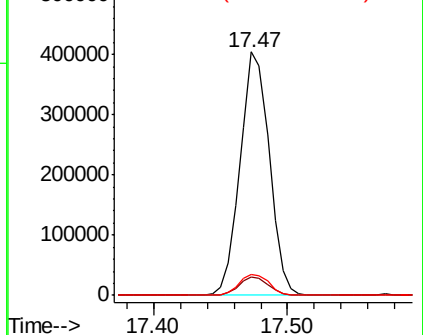
80 8.4 6.6 9.8



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: BG042833.D

Acq: 14 Sep 2019 1:32

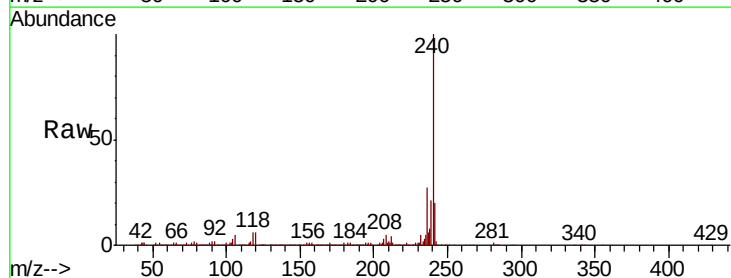
Tgt Ion:240 Resp: 564199

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.2

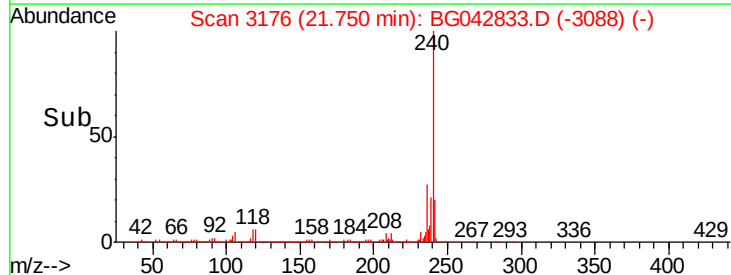
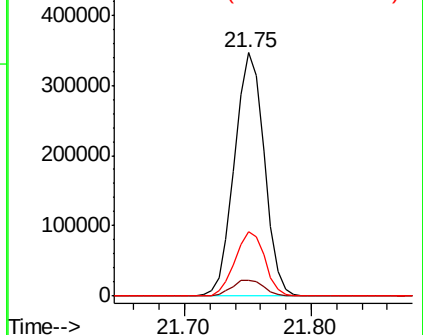
236 26.6 21.7 32.5

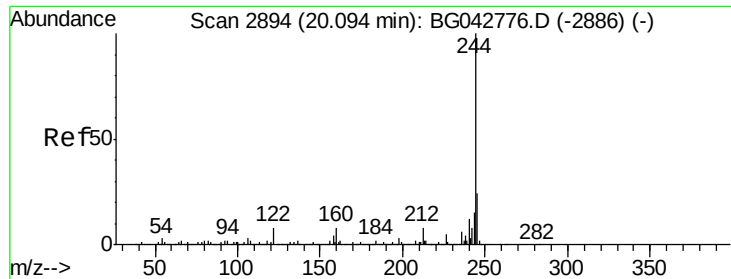


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.916 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

SB-35-COMP

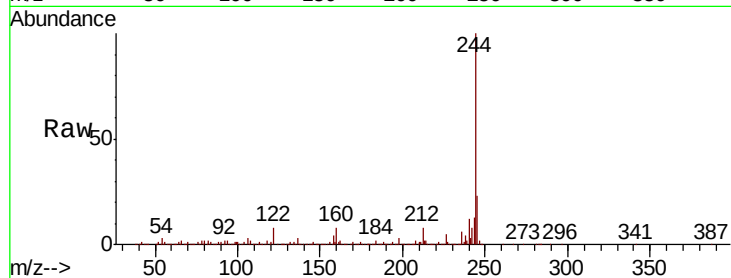
Tot Ion:244 Resp: 1652563

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

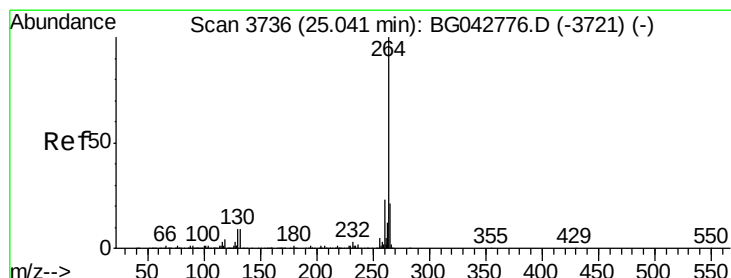
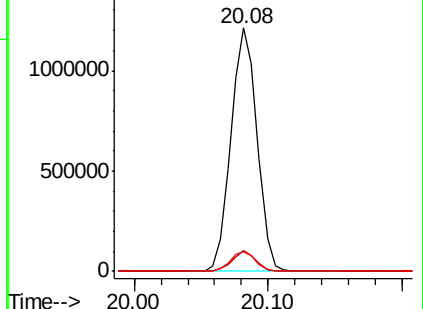
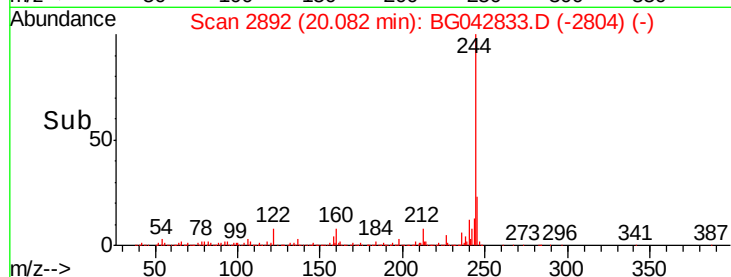
122 8.1 6.2 9.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

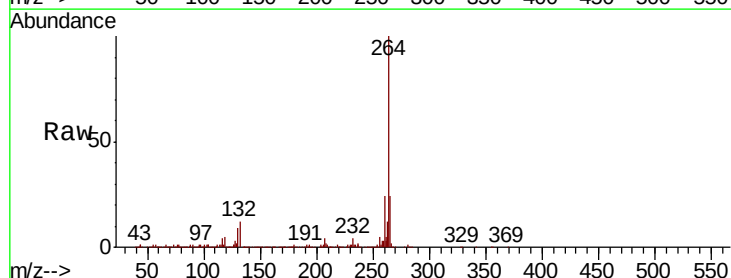
Tgt Ion:264 Resp: 617290

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 23.9 16.9 25.3



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

