

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042799.D
 Acq On : 13 Sep 2019 1:58
 Operator : HP/JU
 Sample : K4712-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-20-22

Quant Time: Sep 13 08:26:36 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

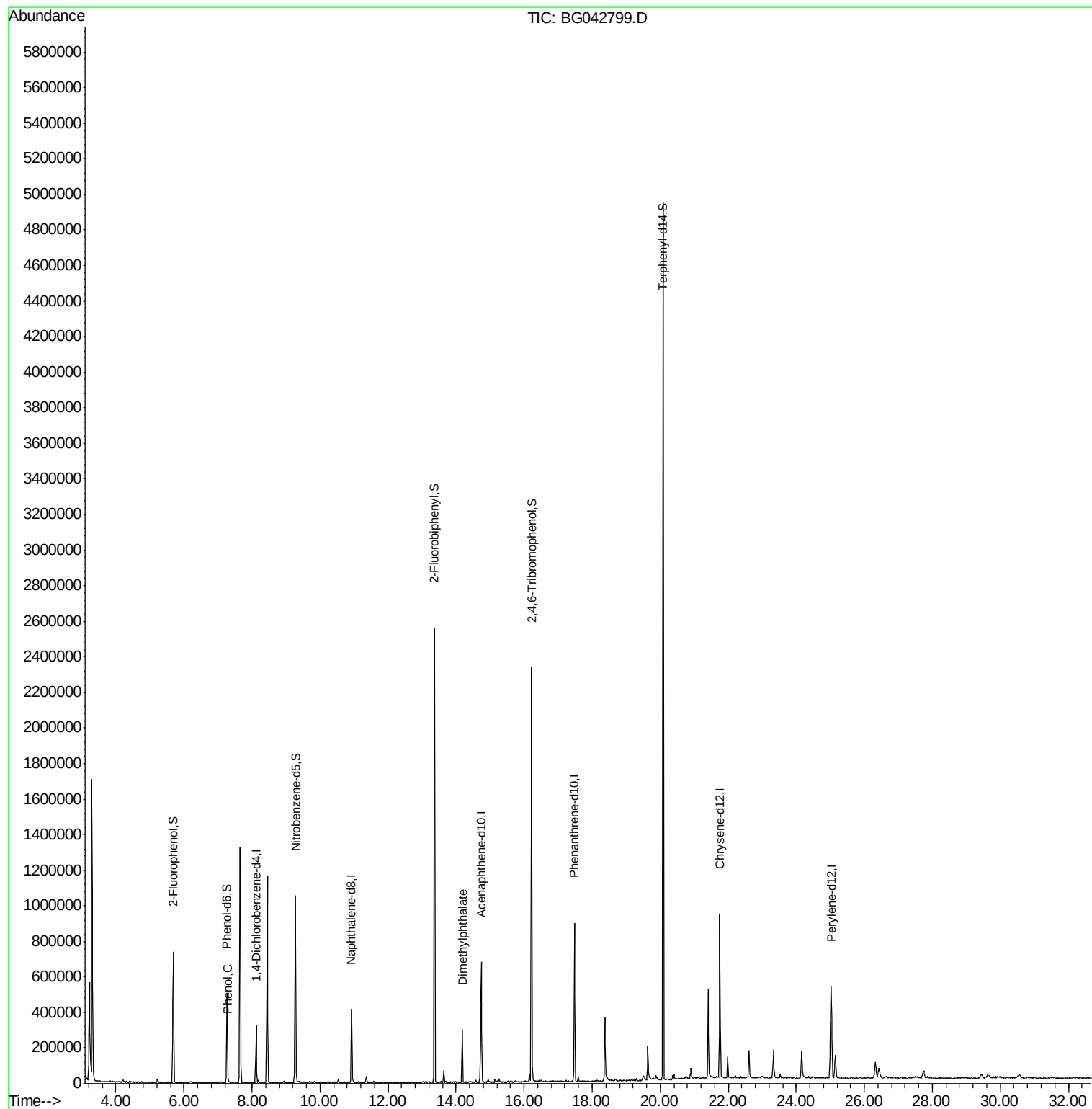
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	89607	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	339005	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	234799	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	540775	20.00	ng	0.00
76) Chrysene-d12	21.75	240	547534	20.00	ng	0.00
87) Perylene-d12	25.03	264	598465	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	298907	57.99	ng	0.00
7) Phenol-d6	7.26	99	267719	36.19	ng	0.00
23) Nitrobenzene-d5	9.27	82	636218	97.71	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	442458	141.64	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1364267	91.97	ng	0.00
79) Terphenyl-d14	20.08	244	2254382	91.25	ng	0.00
Target Compounds						
10) Phenol	7.29	94	15803	2.083	ng	93
50) Dimethylphthalate	14.18	163	196455	11.169	ng	99

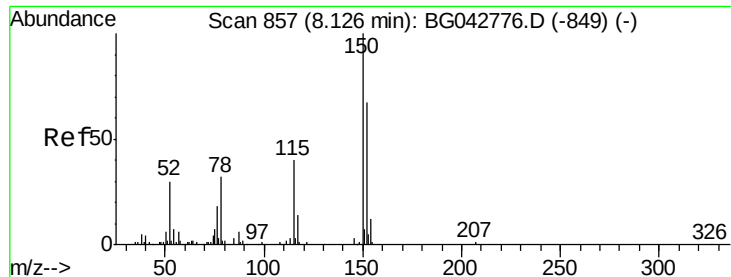
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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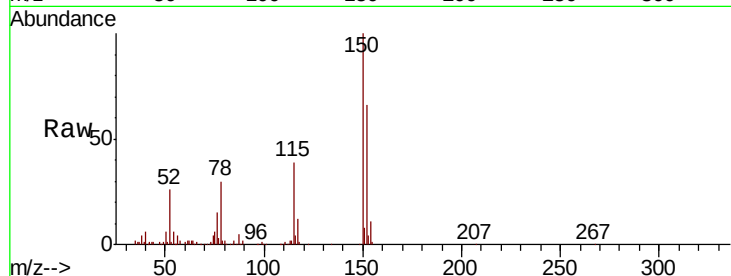


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Instrument :
BNA_G
ClientSampleId :
SB-4-20-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	118.9	178.3
115	59.1	47.4	71.2

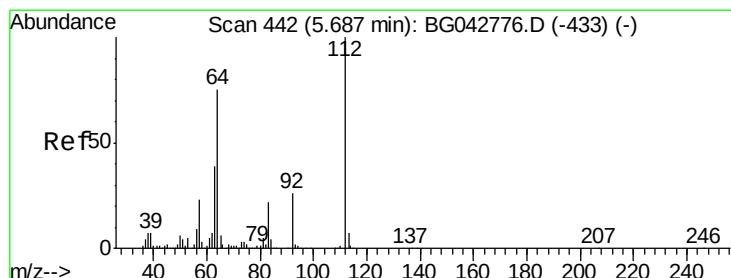
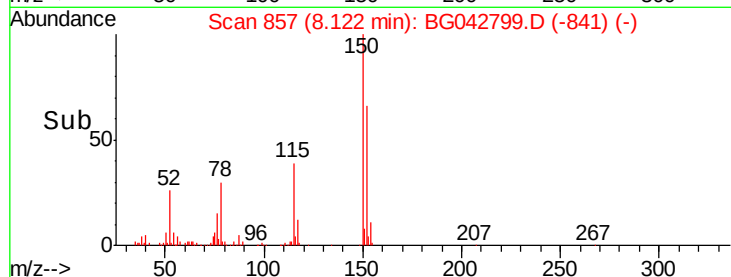
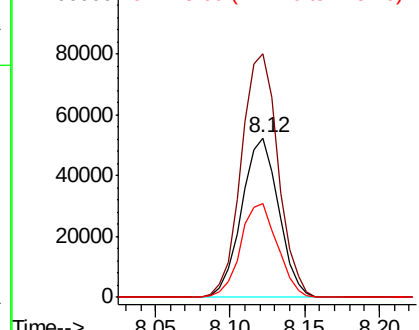


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

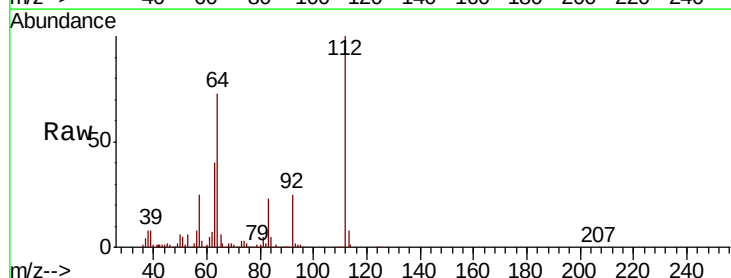
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.994 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	60.2	90.2
63	40.4	31.2	46.8

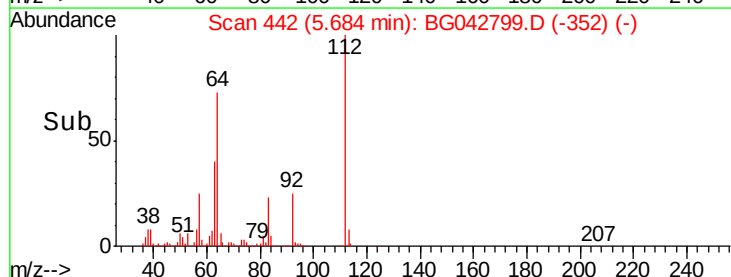
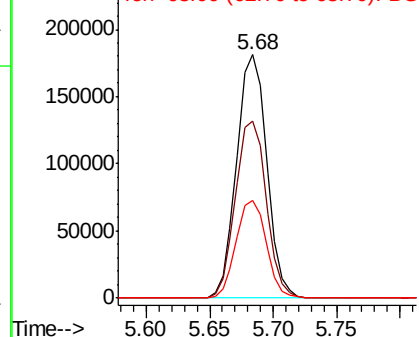


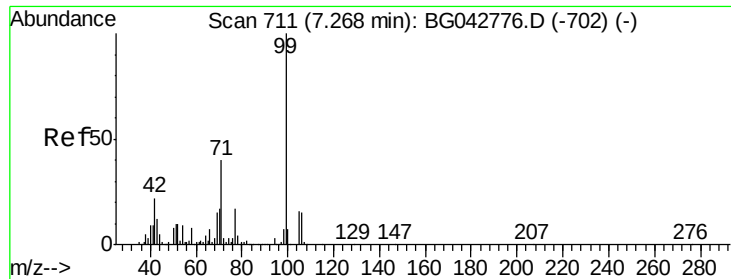
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.188 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampleId :

SB-4-20-22

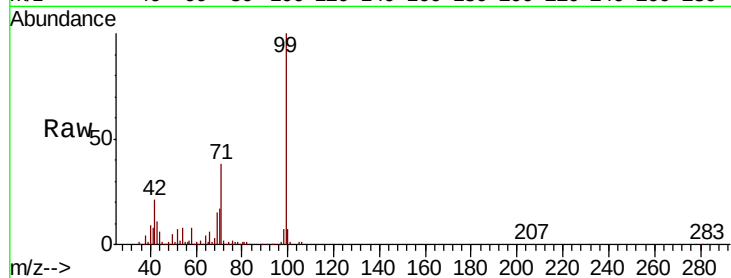
Tot Ion: 99 Resp: 267719

Ion Ratio Lower Upper

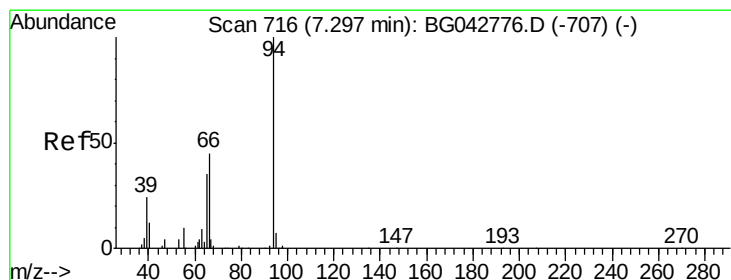
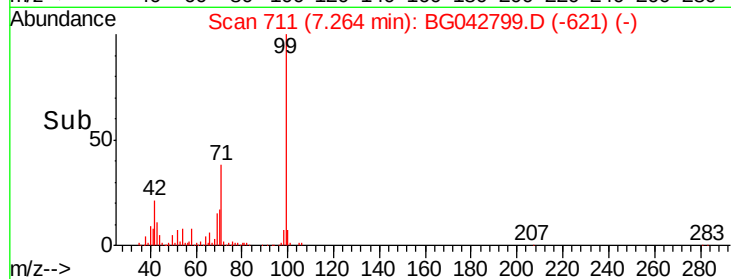
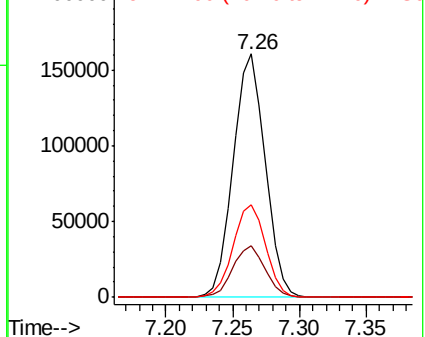
99 100

42 20.9 17.5 26.3

71 37.9 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: 2.083 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

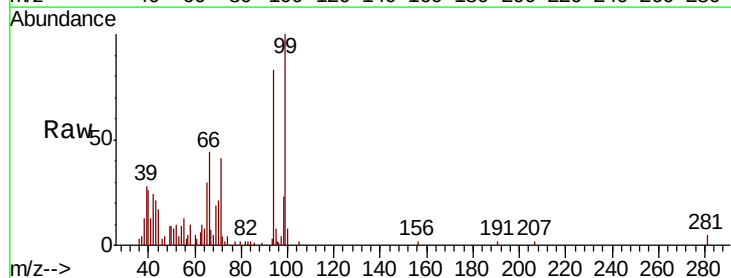
Tgt Ion: 94 Resp: 15803

Ion Ratio Lower Upper

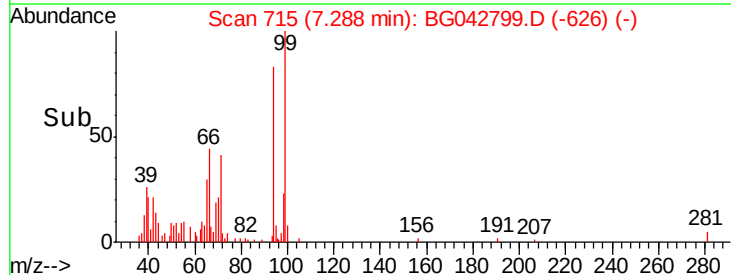
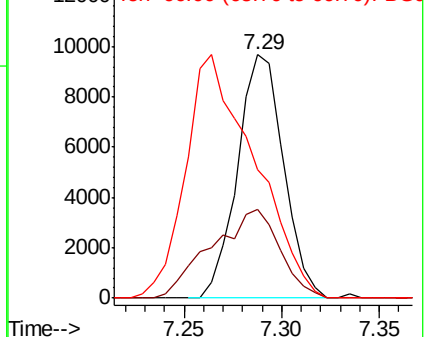
94 100

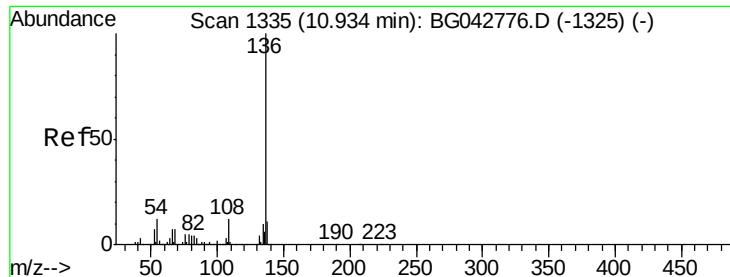
65 36.5 15.0 55.0

66 52.9 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

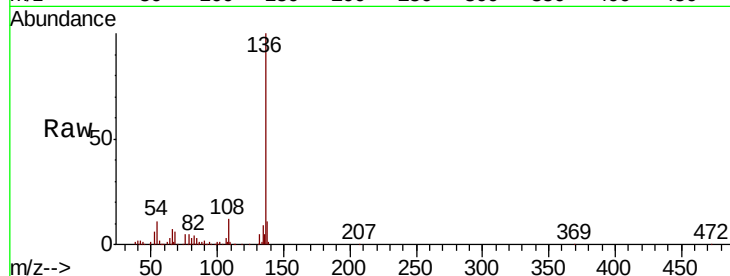




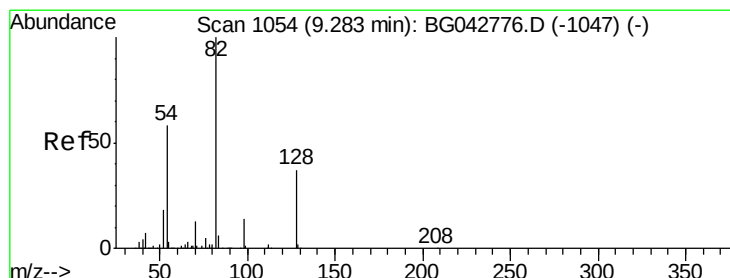
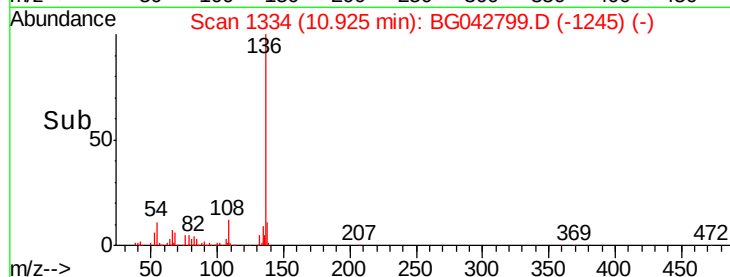
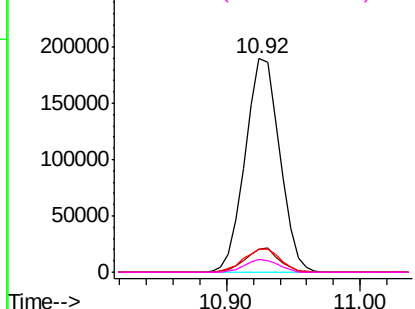
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Instrument :
BNA_G
ClientSampleId :
SB-4-20-22

Tot Ion:136	Resp:	339005
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	10.7	9.4 14.0
68	6.2	5.4 8.2

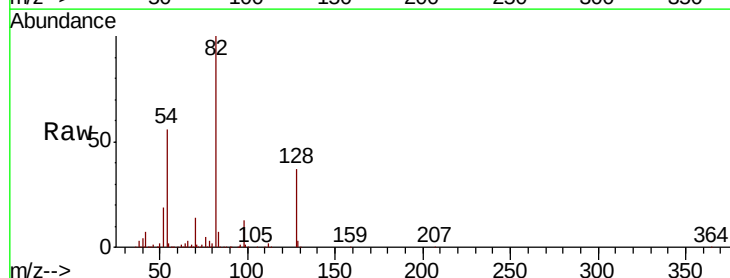


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

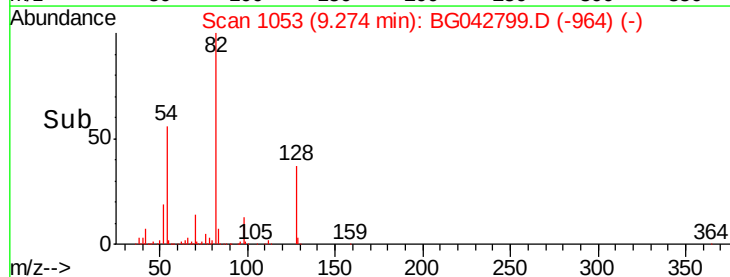
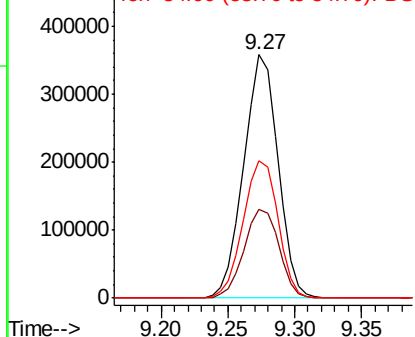


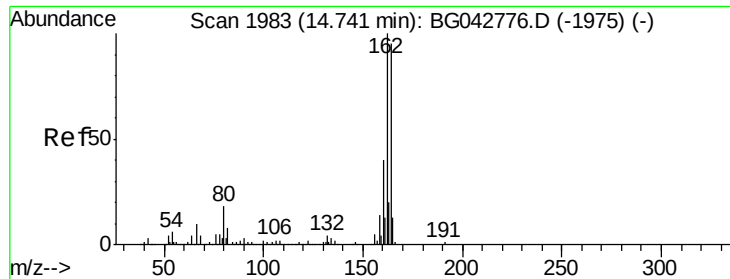
#23
Nitrobenzene-d5
Concen: 97.707 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Tgt Ion: 82	Resp:	636218
Ion Ratio	Lower	Upper
82	100	
128	36.6	29.8 44.8
54	56.4	46.1 69.1



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampleId :

SB-4-20-22

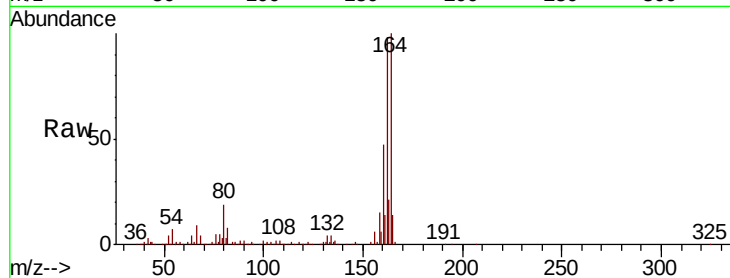
Tot Ion:164 Resp: 234799

Ion Ratio Lower Upper

164 100

162 98.4 84.6 126.8

160 46.9 34.2 51.2

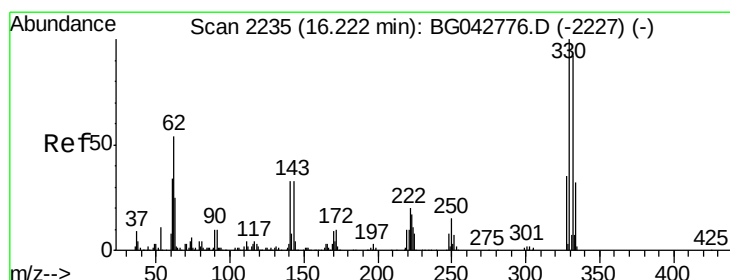
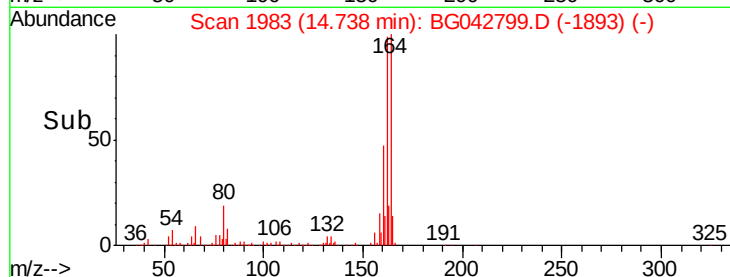
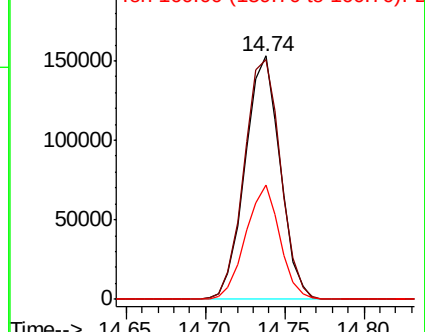


Abundance

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: 141.640 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

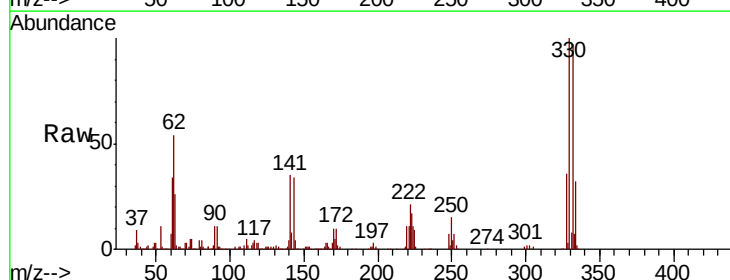
Tgt Ion:330 Resp: 442458

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 35.7 27.0 40.6

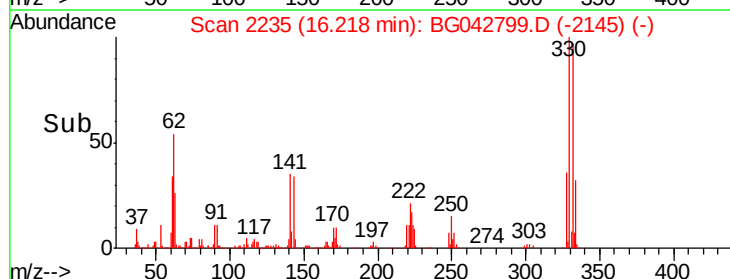
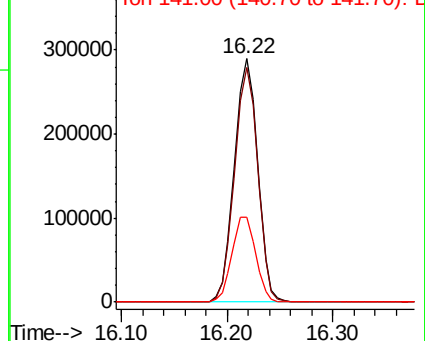


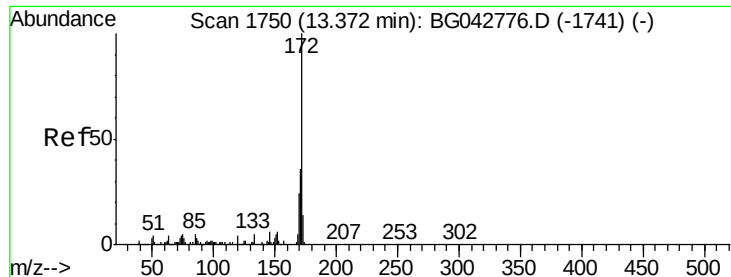
Abundance

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

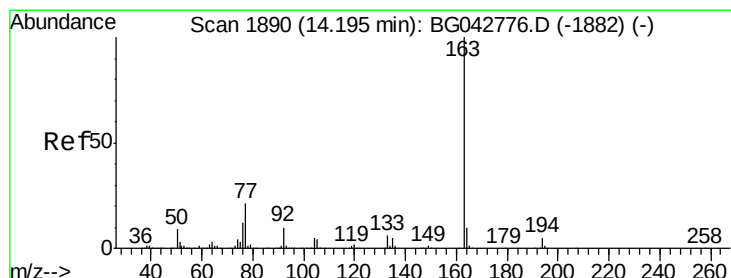
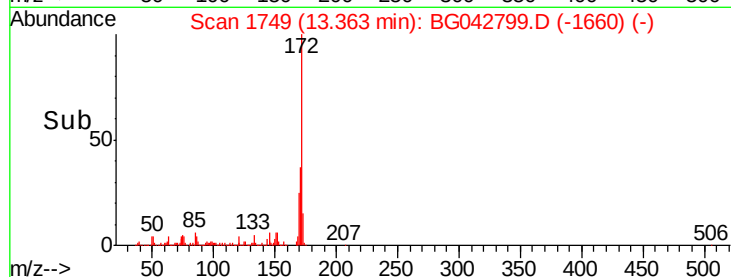
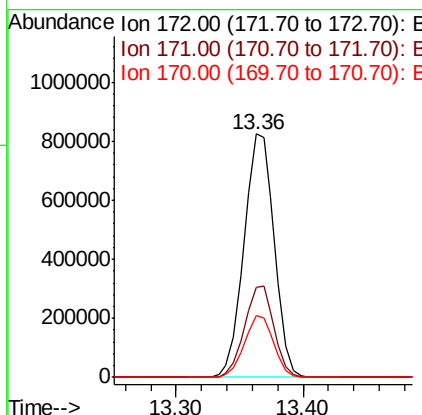
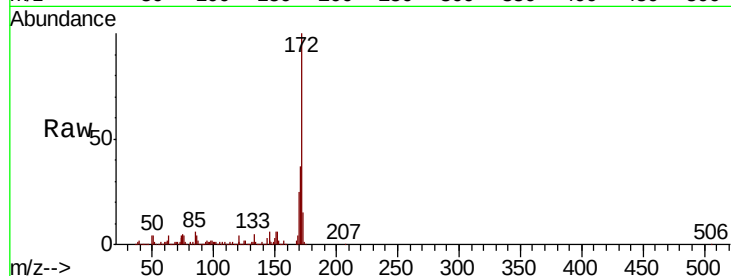




#45
2-Fluorobiphenyl
Concen: 91.974 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

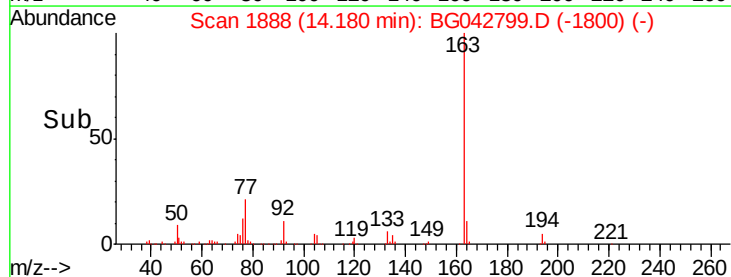
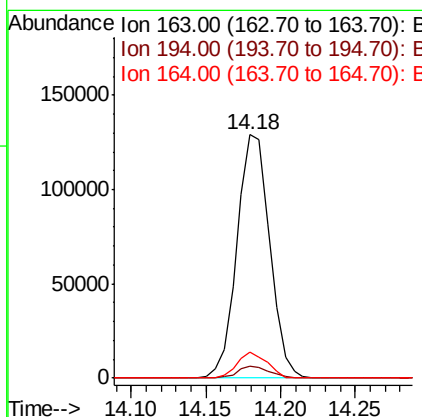
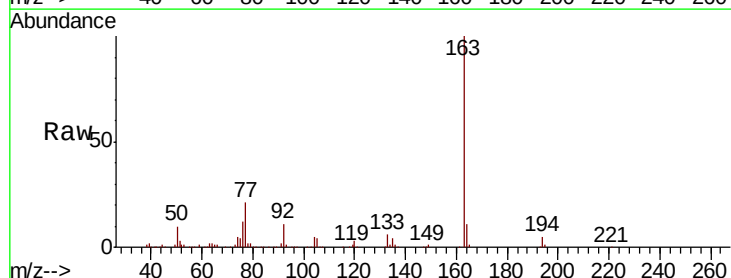
Instrument :
BNA_G
ClientSampleId :
SB-4-20-22

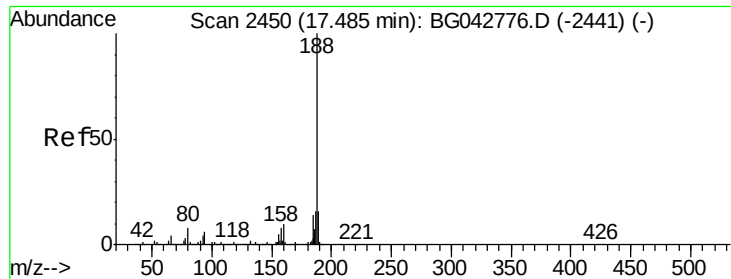
Tot Ion:172 Resp: 1364267
Ion Ratio Lower Upper
172 100
171 37.0 28.9 43.3
170 25.3 19.1 28.7



#50
Dimethylphthalate
Concen: 11.169 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Tgt Ion:163 Resp: 196455
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.4
164 10.7 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampleId :

SB-4-20-22

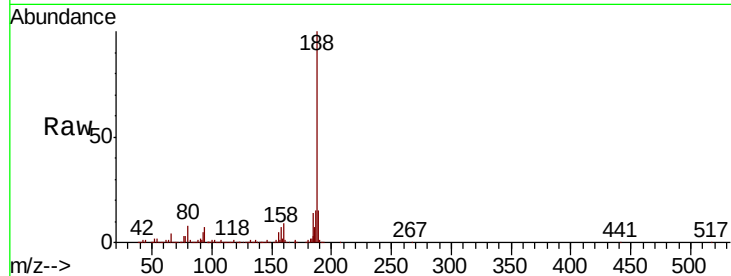
Tot Ion:188 Resp: 540775

Ion Ratio Lower Upper

188 100

94 6.9 4.8 7.2

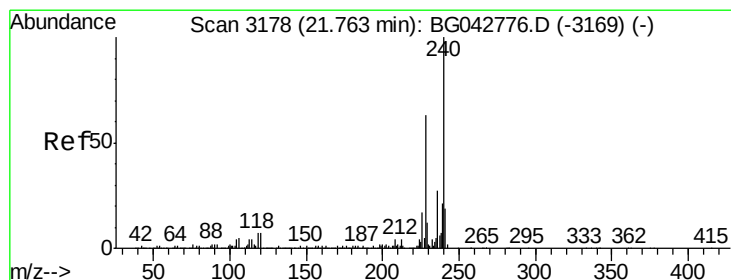
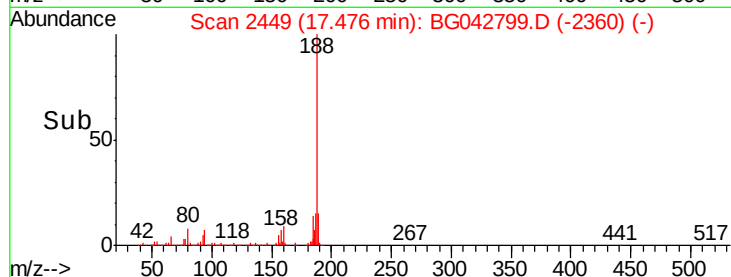
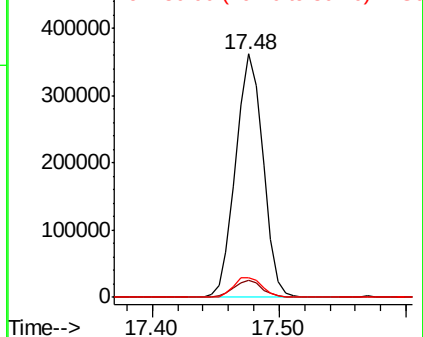
80 7.9 6.6 9.8



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# 3177

Delta R.T. -0.01 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

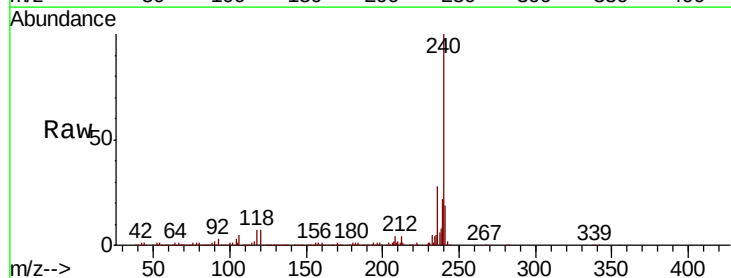
Tgt Ion:240 Resp: 547534

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

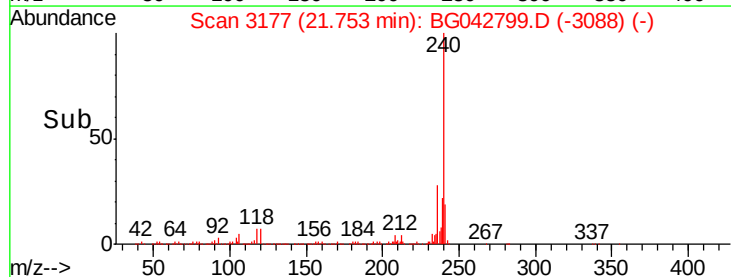
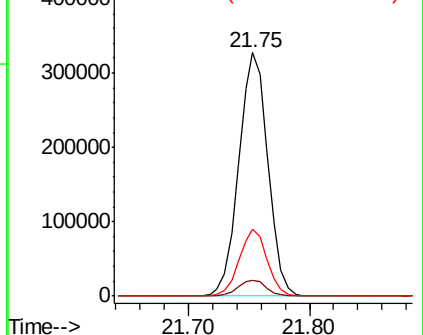
236 27.7 21.7 32.5

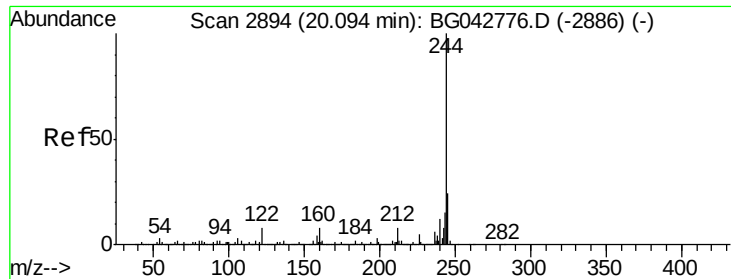


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.252 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampleId :

SB-4-20-22

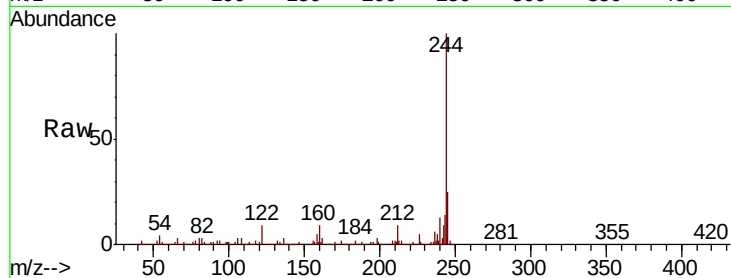
Tot Ion:244 Resp: 2254382

Ion Ratio Lower Upper

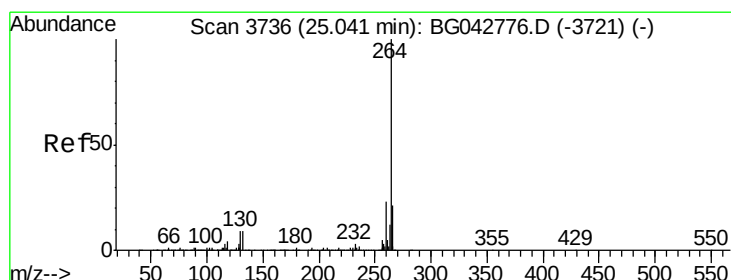
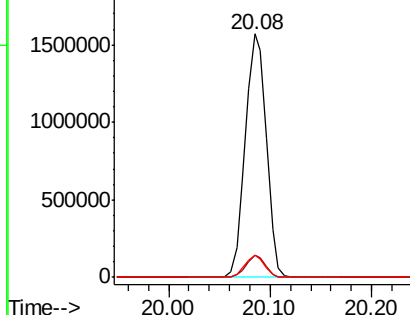
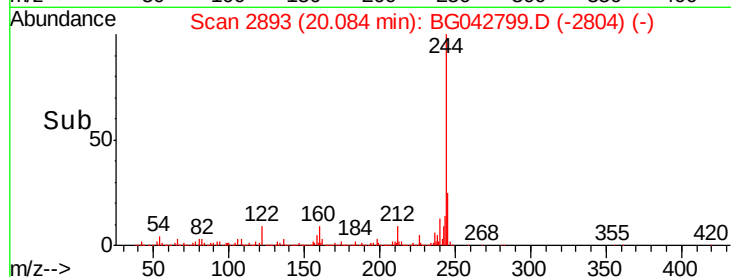
244 100

212 9.2 6.6 10.0

122 9.3 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: 25.03 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

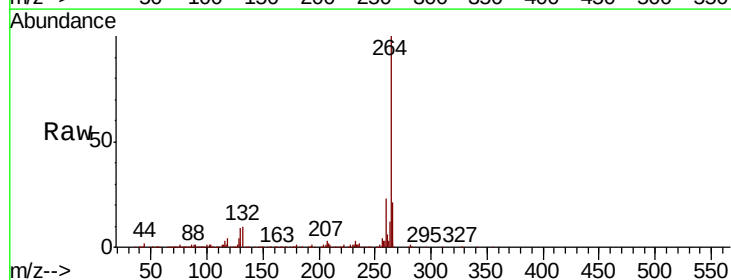
Tgt Ion:264 Resp: 598465

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.5 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

