

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042821.D
 Acq On : 13 Sep 2019 17:55
 Operator : HP/JU
 Sample : K4846-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-21-COMP

Quant Time: Sep 13 23:22:19 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

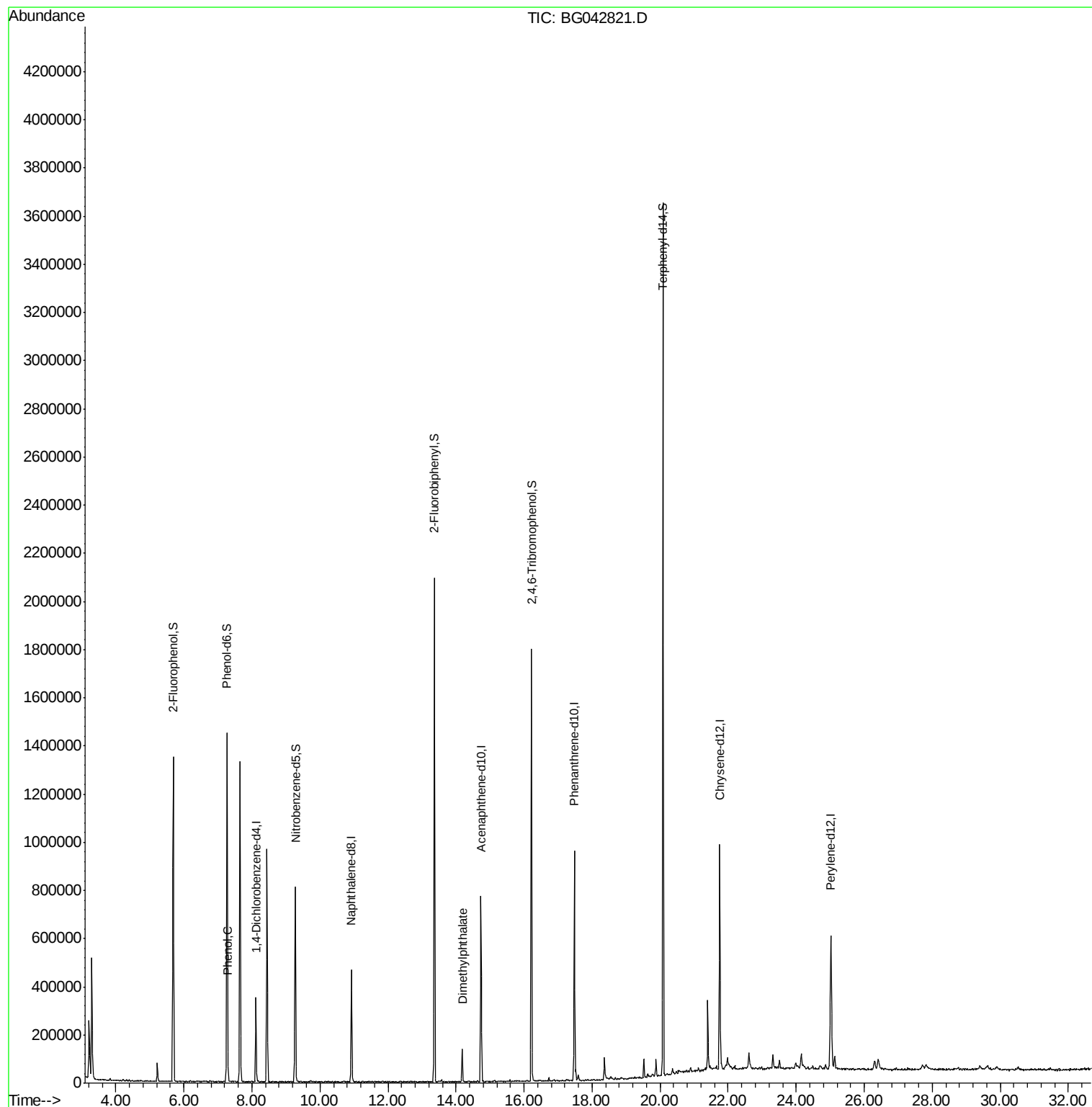
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	99330	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	392306	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	267625	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	589572	20.00	ng	0.00
76) Chrysene-d12	21.75	240	562065	20.00	ng	-0.01
87) Perylene-d12	25.02	264	613586	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	540077	94.53	ng	0.00
7) Phenol-d6	7.27	99	815083	99.39	ng	0.00
23) Nitrobenzene-d5	9.27	82	506022	67.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	339821	95.44	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1114909	65.94	ng	0.00
79) Terphenyl-d14	20.08	244	1674062	66.01	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	33540	3.988	ng	94
50) Dimethylphthalate	14.18	163	90889	4.533	ng	99

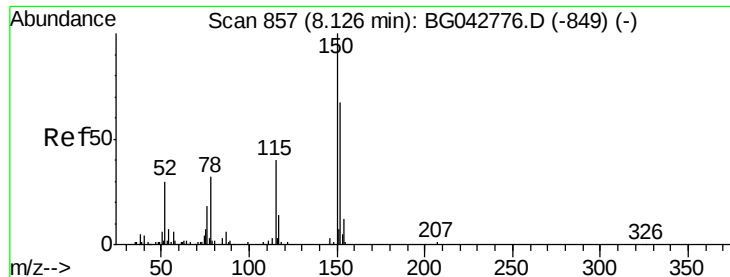
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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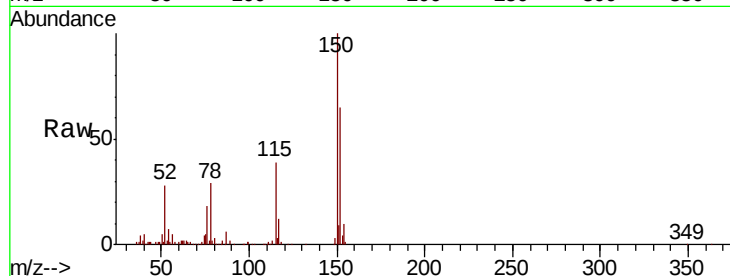


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042821.D
 Acq: 13 Sep 2019 17:55

Instrument :
 BNA_G
 ClientSampleId :
 SB-21-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	118.9	178.3
115	60.2	47.4	71.2

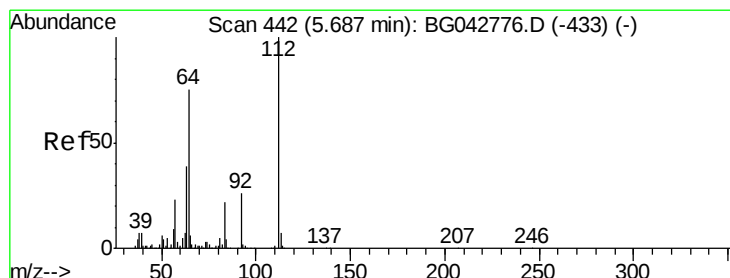
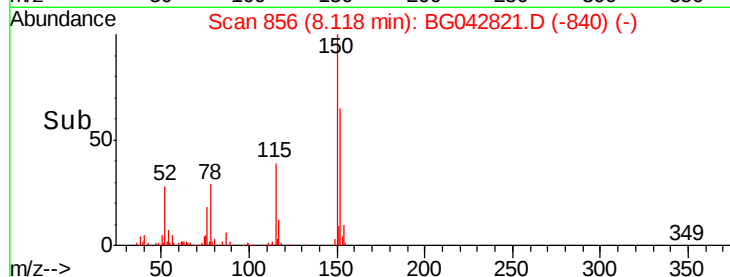
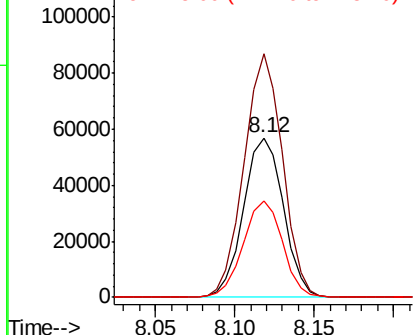


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

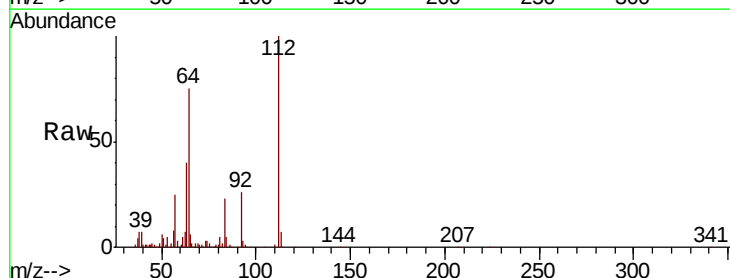
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 94.528 ng
 RT: 5.69 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BG042821.D
 Acq: 13 Sep 2019 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	60.2	90.2
63	40.4	31.2	46.8

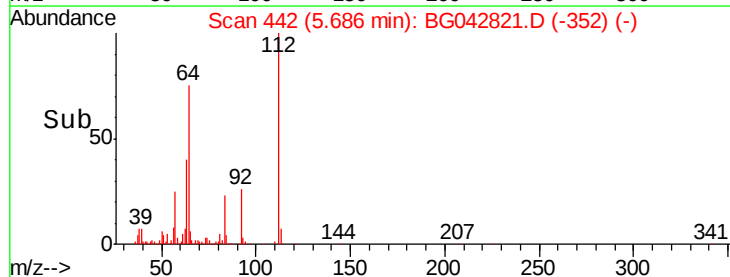
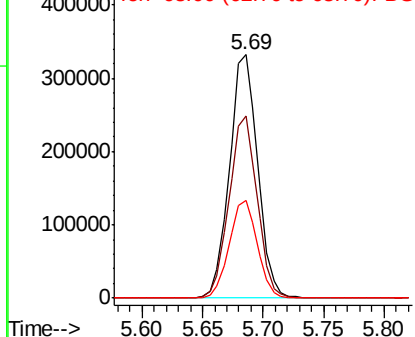


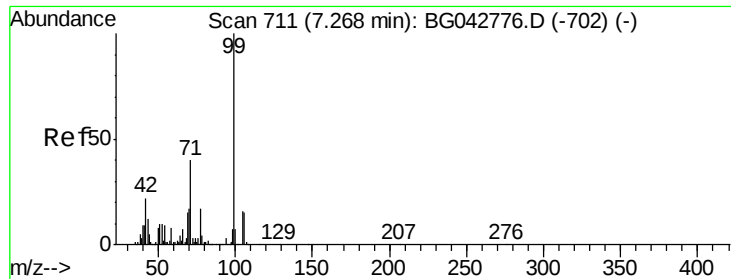
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.393 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042821.D

Acq: 13 Sep 2019 17:55

Instrument :

BNA_G

ClientSampleId :

SB-21-COMP

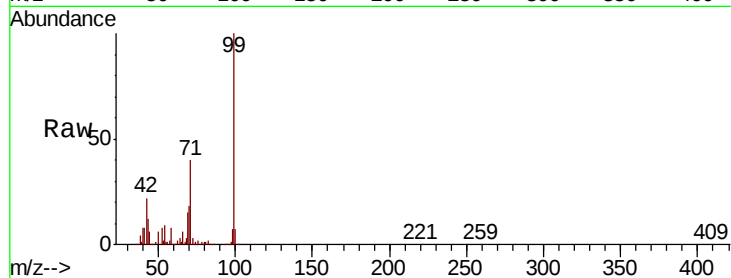
Tot Ion: 99 Resp: 815083

Ion Ratio Lower Upper

99 100

42 21.6 17.5 26.3

71 39.8 32.0 48.0

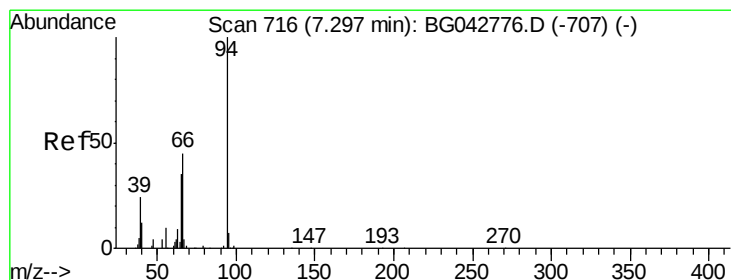
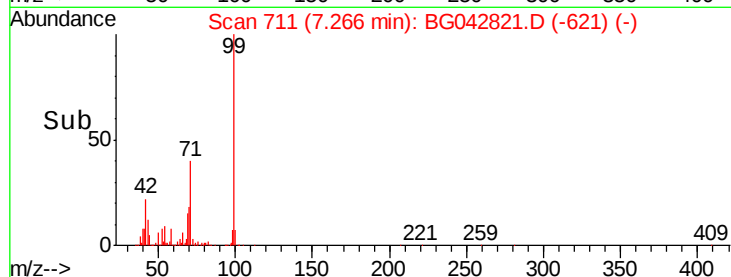
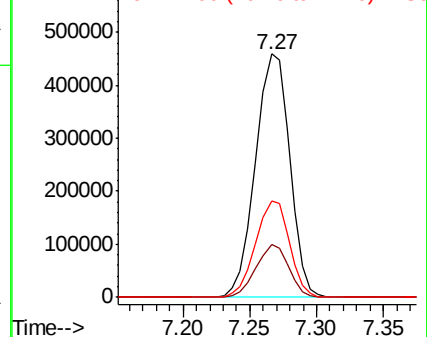


Abundance

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: 3.988 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042821.D

Acq: 13 Sep 2019 17:55

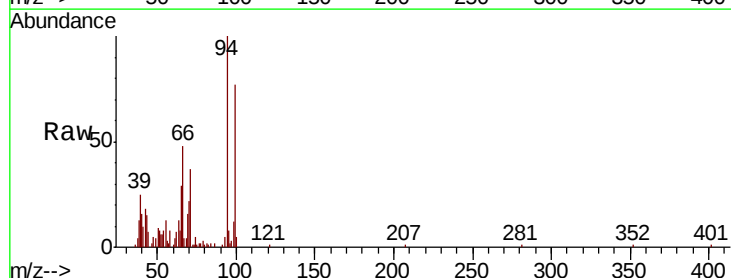
Tgt Ion: 94 Resp: 33540

Ion Ratio Lower Upper

94 100

65 29.2 15.0 55.0

66 47.8 26.1 66.1

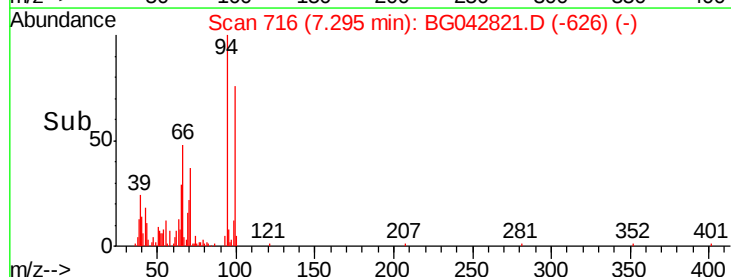
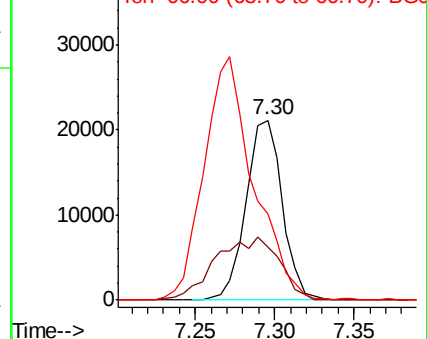


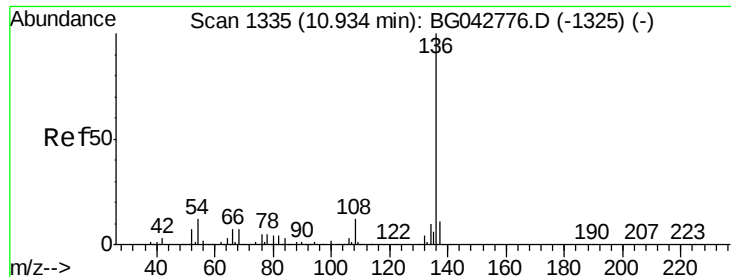
Abundance

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

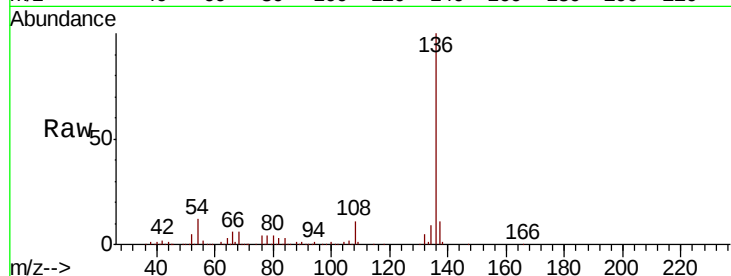




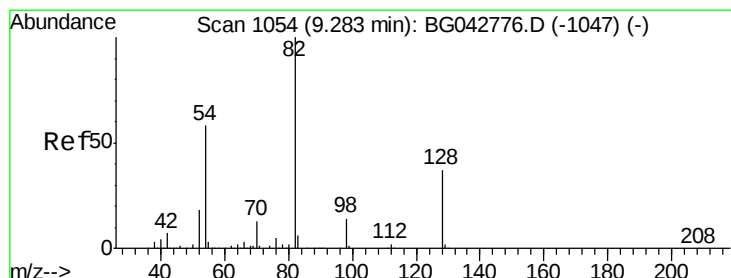
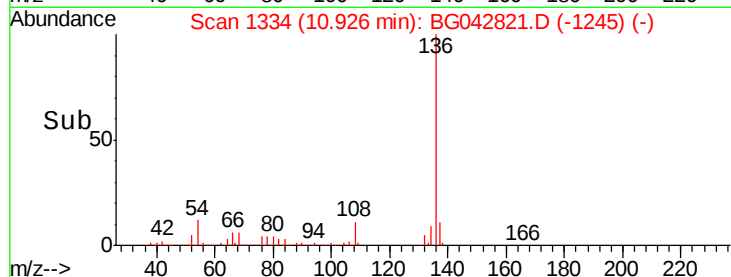
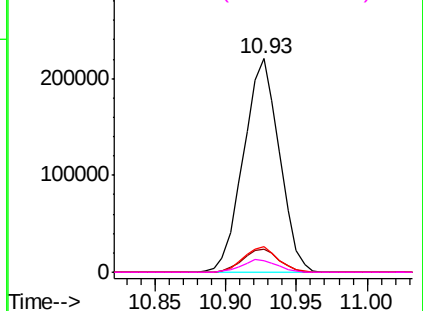
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :
SB-21-COMP

Tot Ion:136	Resp:	392306
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	11.9	9.4 14.0
68	5.7	5.4 8.2

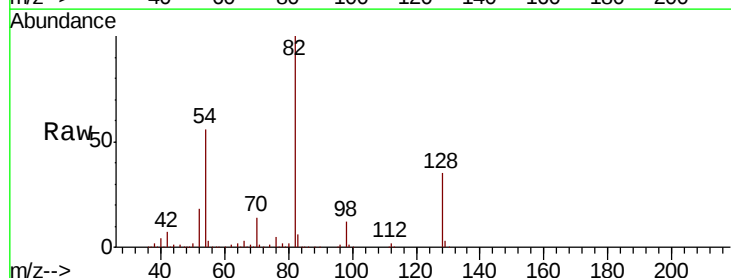


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

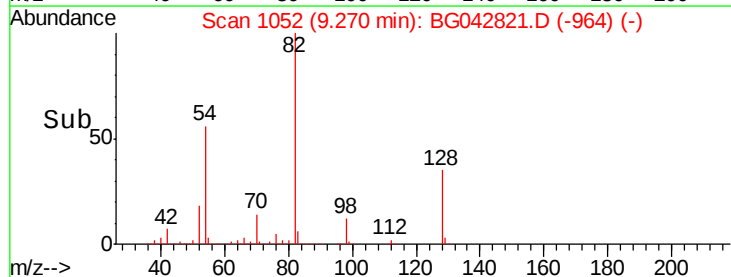
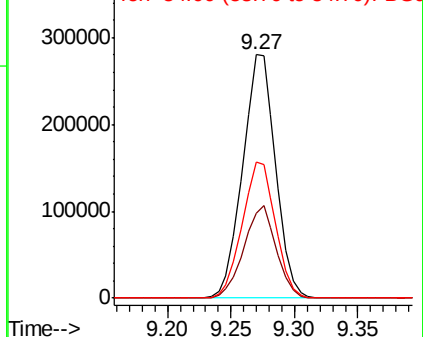


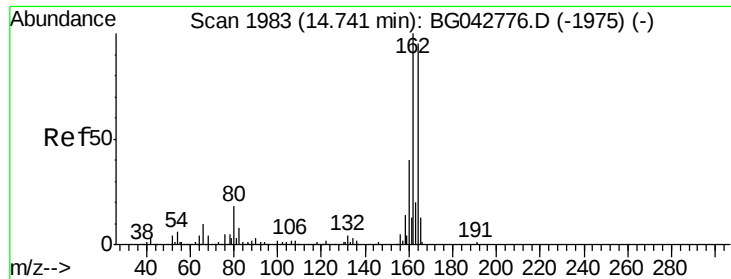
#23
Nitrobenzene-d5
Concen: 67.154 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion: 82	Resp:	506022
Ion Ratio	Lower	Upper
82	100	
128	35.1	29.8 44.8
54	56.1	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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042821.D

Acq: 13 Sep 2019 17:55

Instrument :

BNA_G

ClientSampleId :

SB-21-COMP

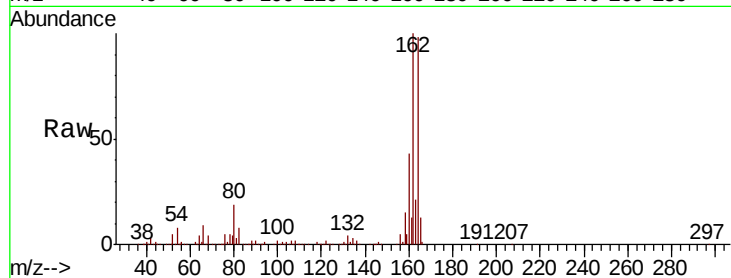
Tot Ion:164 Resp: 267625

Ion Ratio Lower Upper

164 100

162 102.4 84.6 126.8

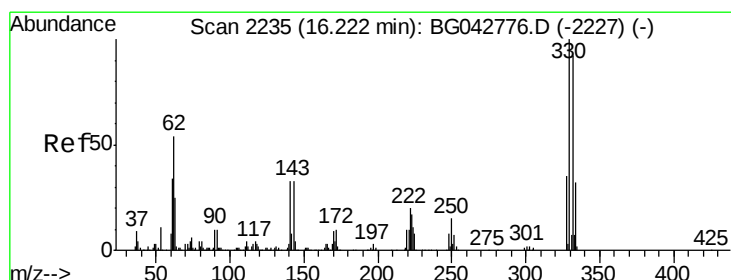
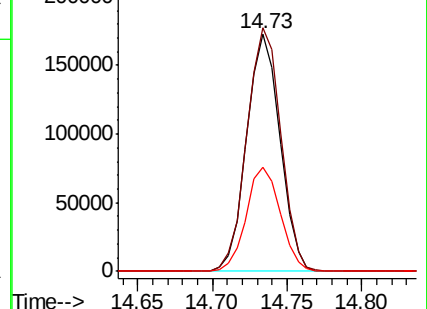
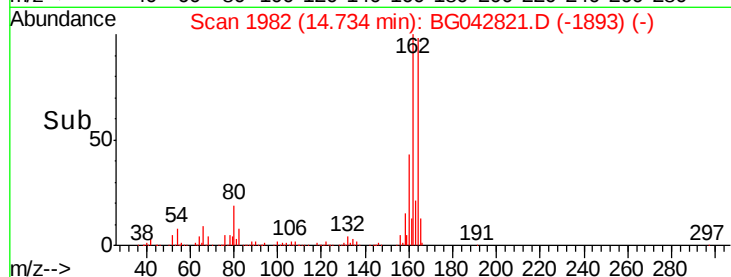
160 43.8 34.2 51.2



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: 95.441 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042821.D

Acq: 13 Sep 2019 17:55

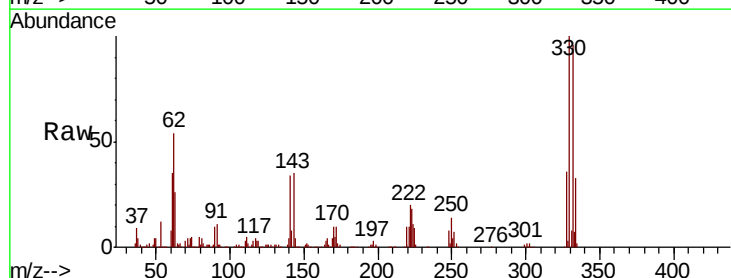
Tgt Ion:330 Resp: 339821

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

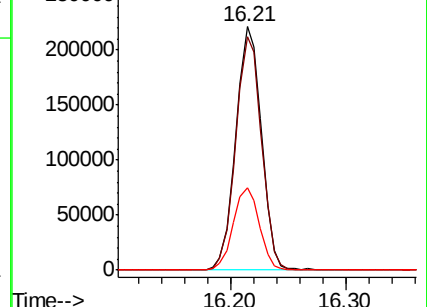
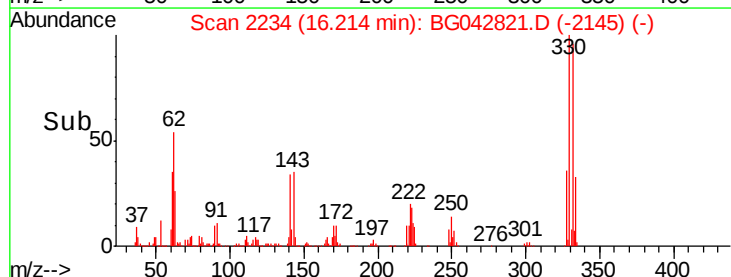
141 34.5 27.0 40.6

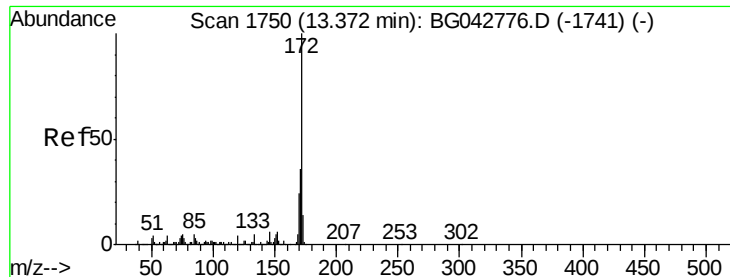


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

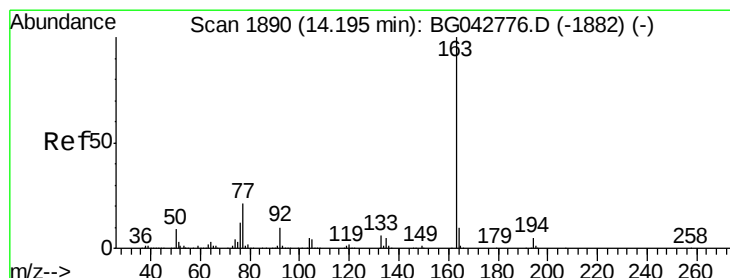
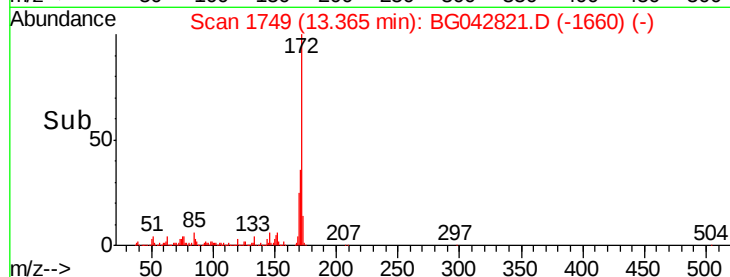
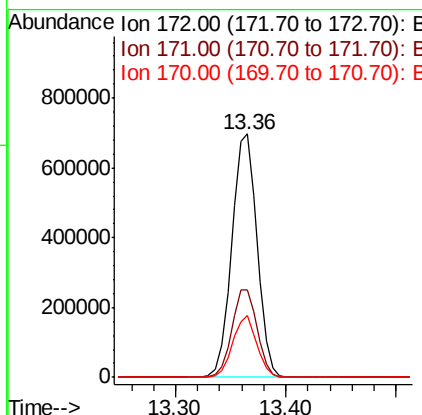
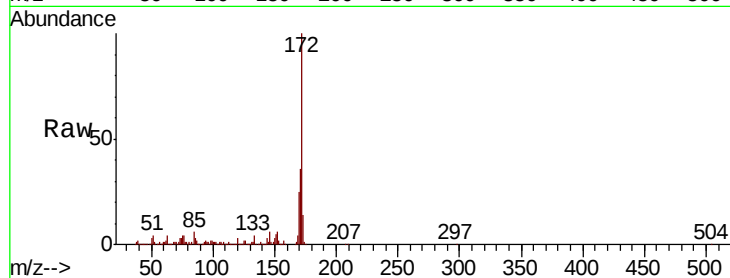




#45
2-Fluorobiphenyl
Concen: 65.944 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

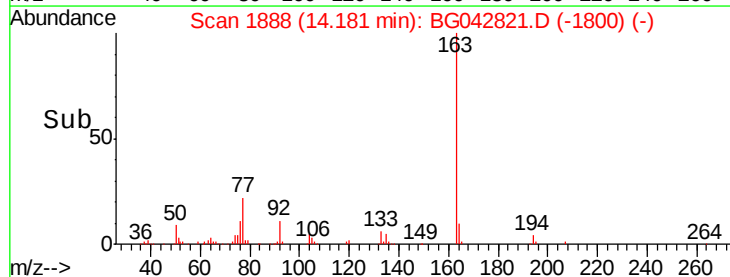
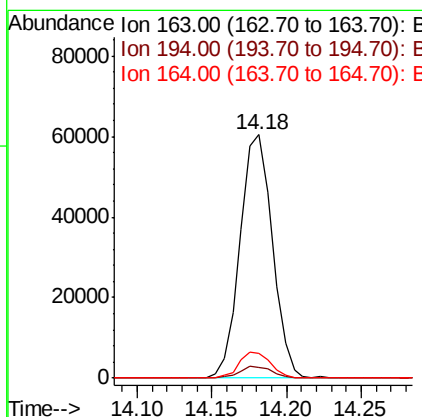
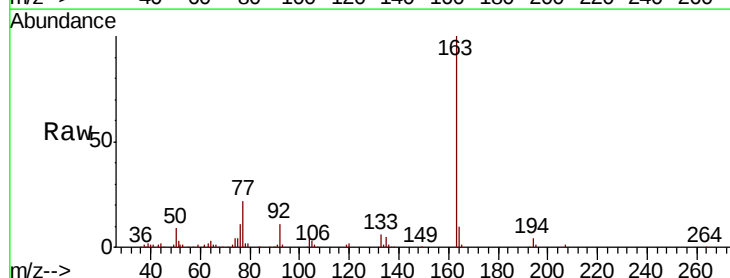
Instrument :
BNA_G
ClientSampleId :
SB-21-COMP

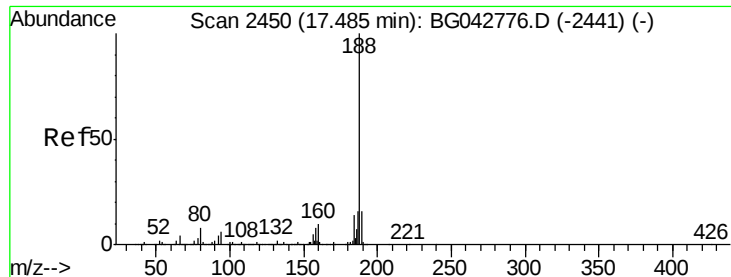
Tot Ion:172 Resp: 1114909
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 25.4 19.1 28.7



#50
Dimethylphthalate
Concen: 4.533 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:163 Resp: 90889
Ion Ratio Lower Upper
163 100
194 4.5 4.2 6.4
164 10.3 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: BG042821.D

Acq: 13 Sep 2019 17:55

Instrument :

BNA_G

ClientSampleId :

SB-21-COMP

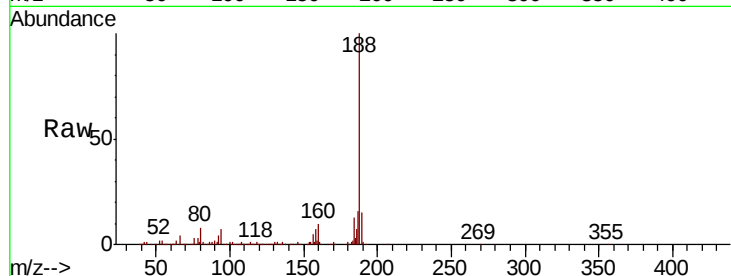
Tot Ion:188 Resp: 589572

Ion Ratio Lower Upper

188 100

94 7.5 4.8 7.2#

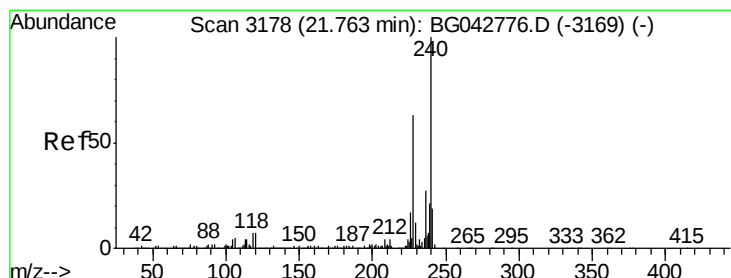
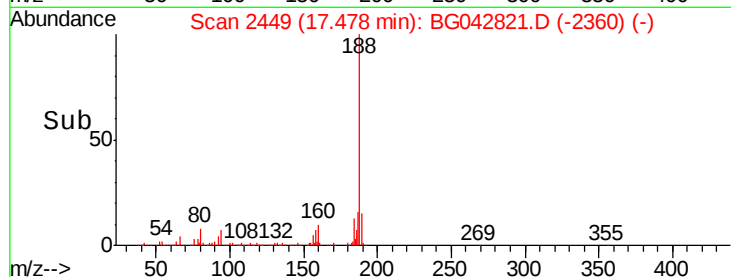
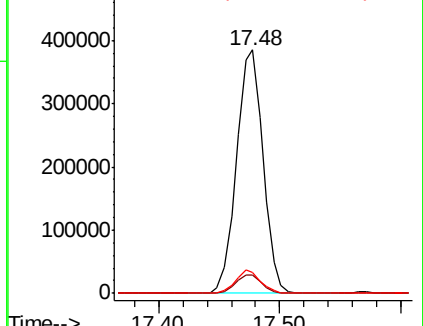
80 8.5 6.6 9.8



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: BG042821.D

Acq: 13 Sep 2019 17:55

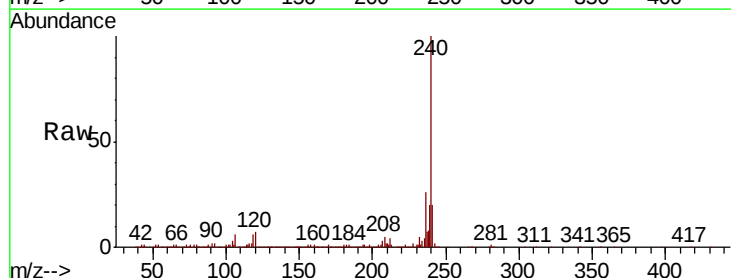
Tgt Ion:240 Resp: 562065

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

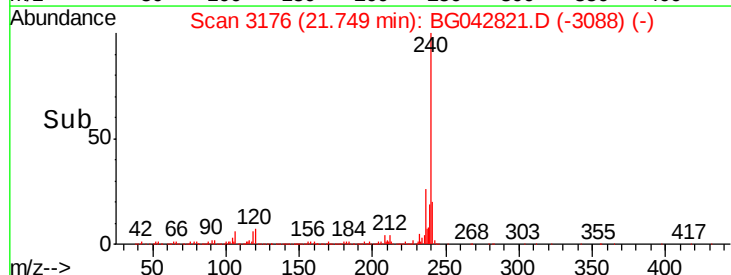
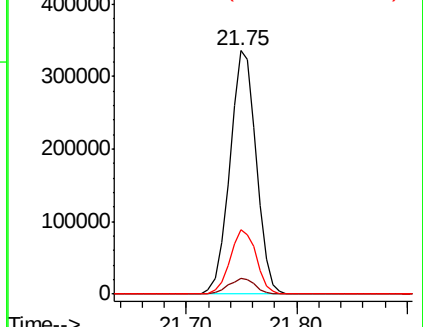
236 26.3 21.7 32.5

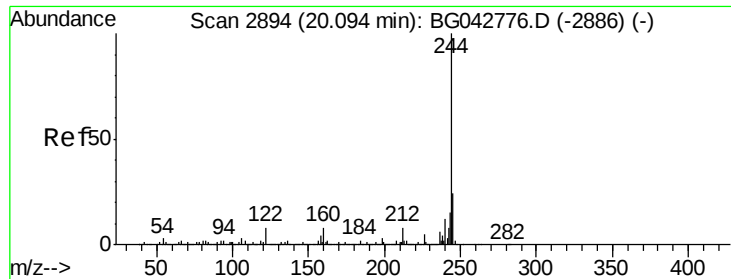


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.010 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042821.D

Acq: 13 Sep 2019 17:55

Instrument :

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SB-21-COMP

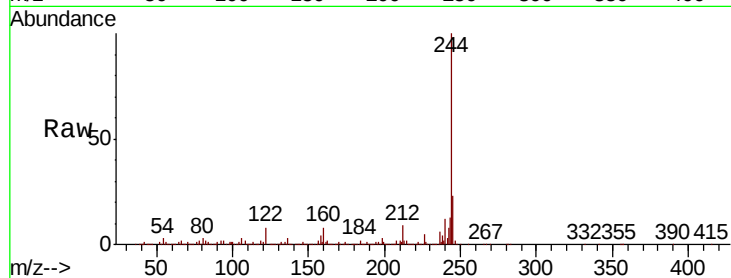
Tot Ion:244 Resp: 1674062

Ion Ratio Lower Upper

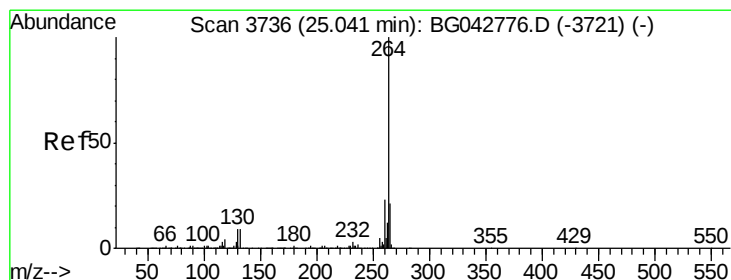
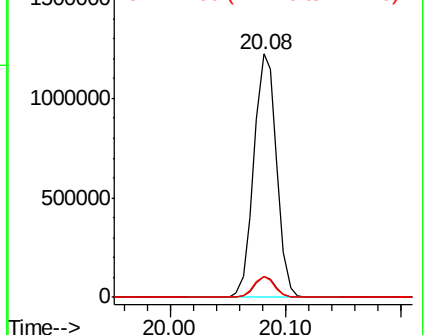
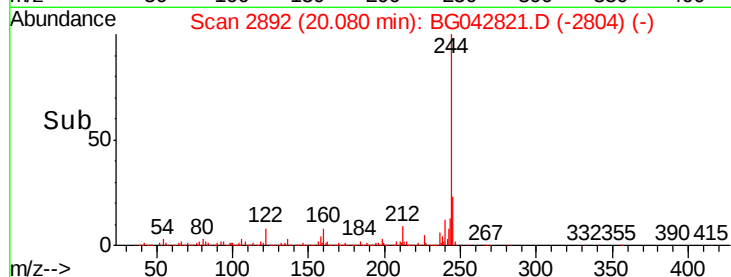
244 100

212 8.6 6.6 10.0

122 8.5 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: BG042821.D

Acq: 13 Sep 2019 17:55

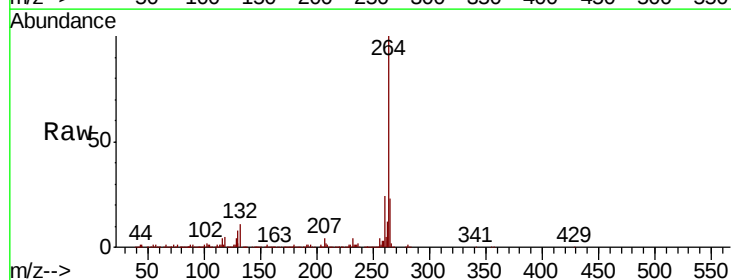
Tgt Ion:264 Resp: 613586

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.2

265 22.6 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

