

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042834.D
 Acq On : 14 Sep 2019 2:10
 Operator : HP/JU
 Sample : K4847-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-34-COMP

Quant Time: Sep 14 07:11:01 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

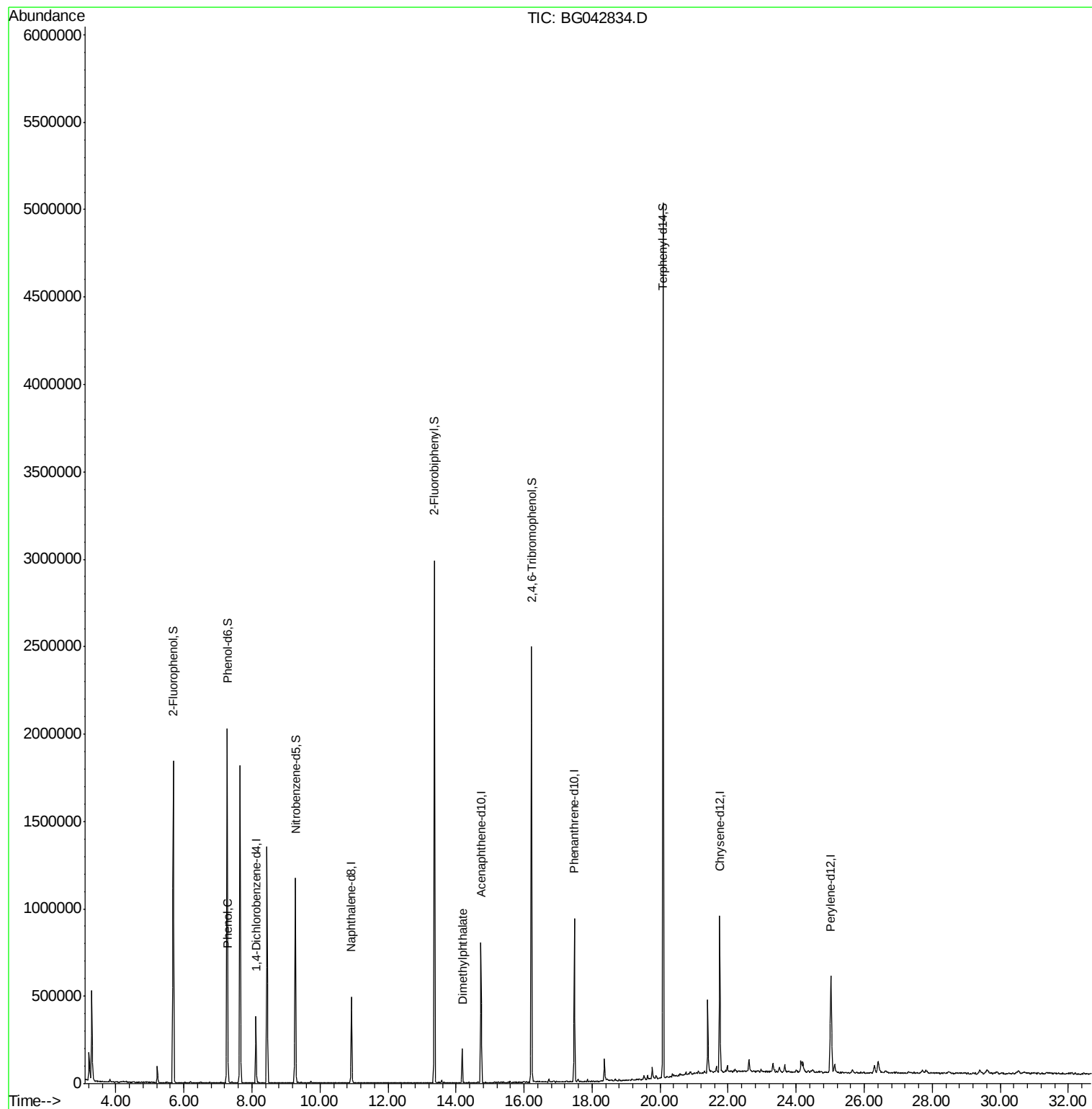
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	105218	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	408560	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	276125	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	604580	20.00	ng	0.00
76) Chrysene-d12	21.75	240	557833	20.00	ng	-0.01
87) Perylene-d12	25.02	264	617677	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	748769	123.72	ng	0.00
7) Phenol-d6	7.27	99	1123117	129.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	714626	91.06	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	483384	131.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1568215	89.90	ng	0.00
79) Terphenyl-d14	20.09	244	2258333	89.72	ng	0.00
Target Compounds						
10) Phenol	7.30	94	43425	4.875	ng	91
50) Dimethylphthalate	14.18	163	121256	5.862	ng	100

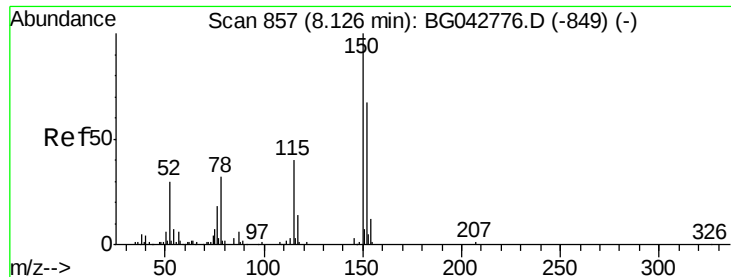
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG042834.D

Acq: 14 Sep 2019 2:10

Instrument :

BNA_G

ClientSampleId :

SB-34-COMP

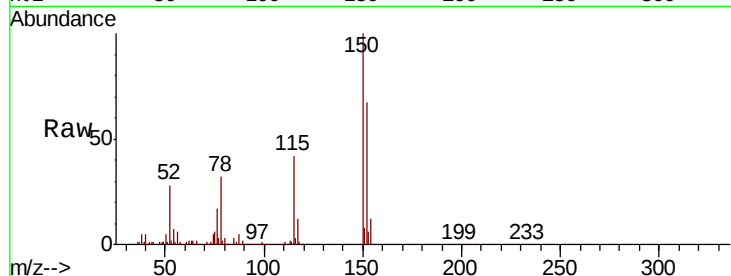
Tot Ion:152 Resp: 105218

Ion Ratio Lower Upper

152 100

150 148.4 118.9 178.3

115 62.6 47.4 71.2

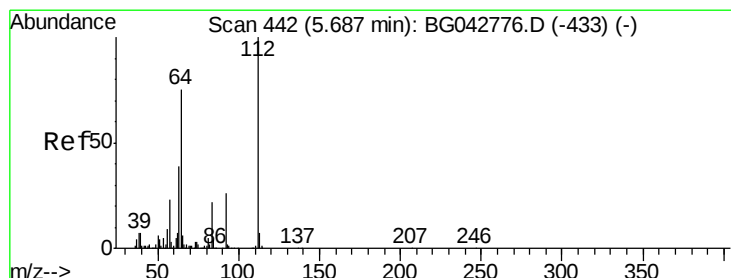
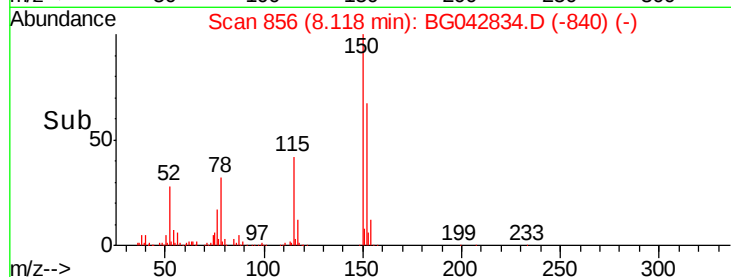
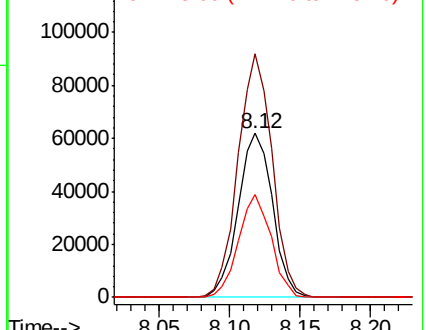


Abundance

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: 123.721 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

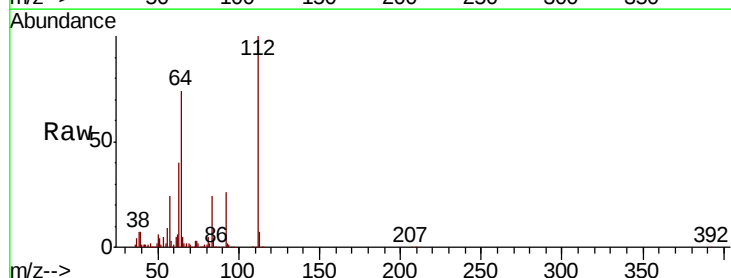
Tgt Ion:112 Resp: 748769

Ion Ratio Lower Upper

112 100

64 74.1 60.2 90.2

63 39.8 31.2 46.8

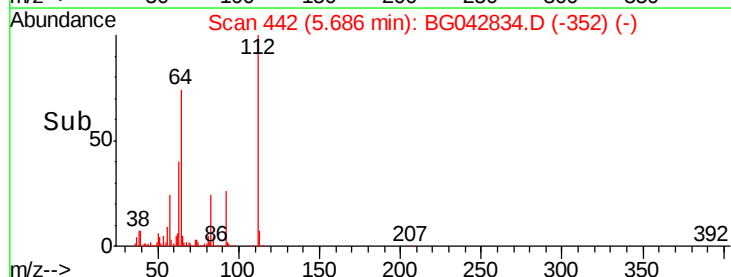
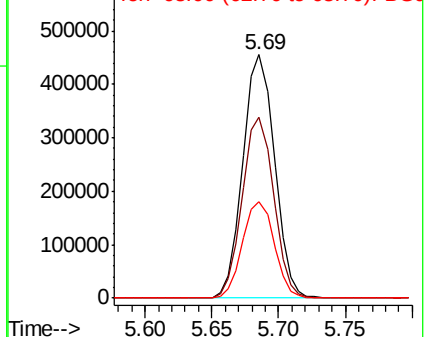


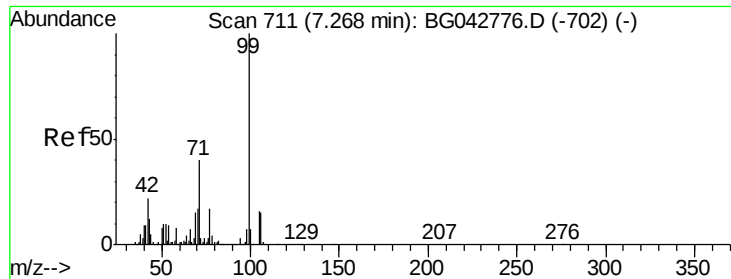
Abundance

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: 129.291 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

Instrument :

BNA_G

ClientSampleId :

SB-34-COMP

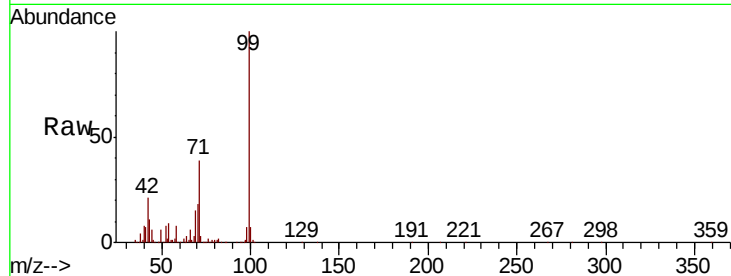
Tot Ion: 99 Resp: 1123117

Ion Ratio Lower Upper

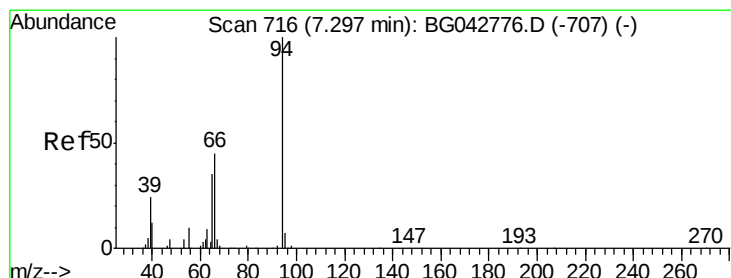
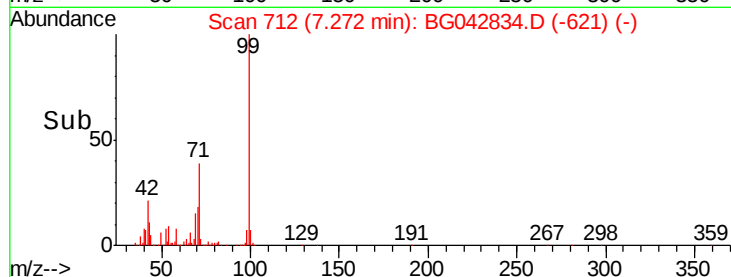
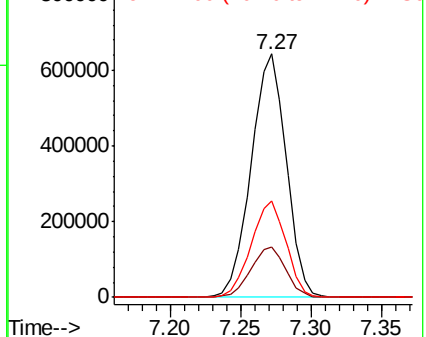
99 100

42 20.7 17.5 26.3

71 39.4 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: 4.875 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

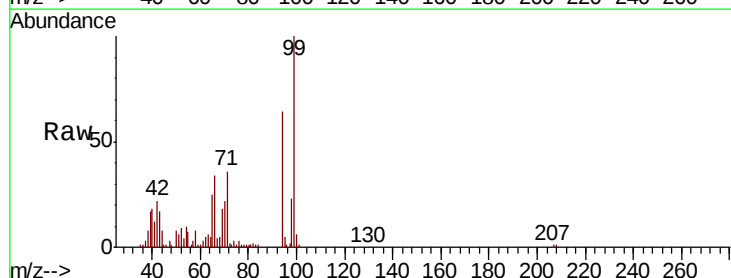
Tgt Ion: 94 Resp: 43425

Ion Ratio Lower Upper

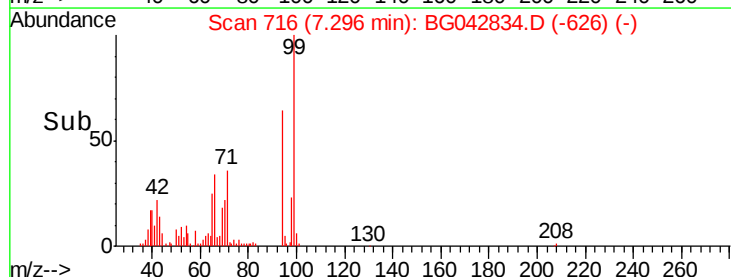
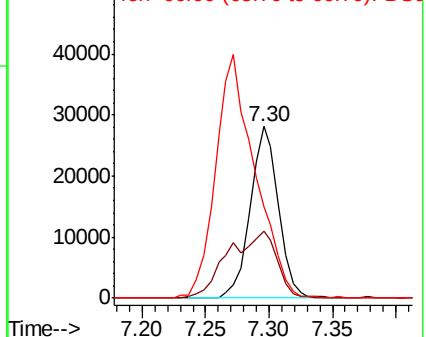
94 100

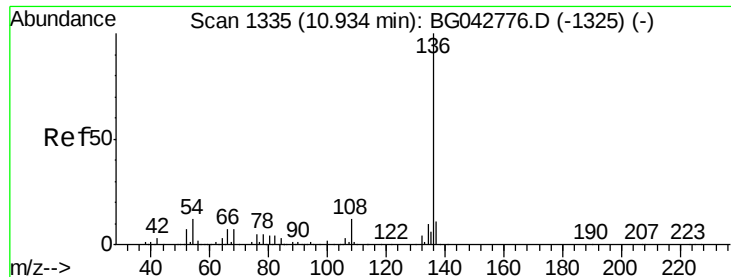
65 39.3 15.0 55.0

66 53.1 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

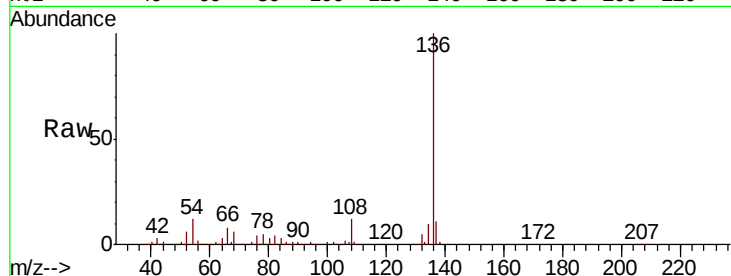




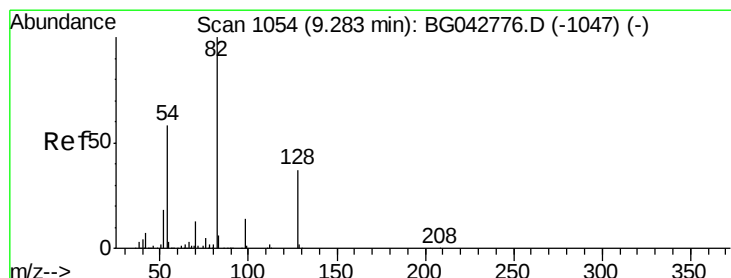
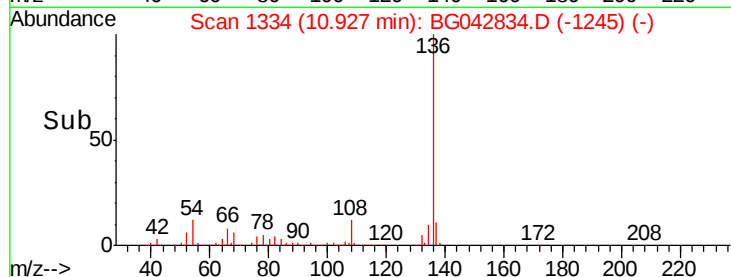
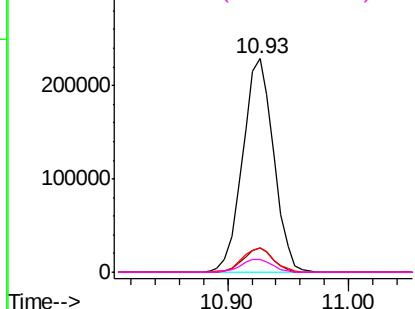
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Instrument :
BNA_G
ClientSampleId :
SB-34-COMP

Tot Ion:136	Resp:	408560
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	11.7	9.4 14.0
68	5.9	5.4 8.2

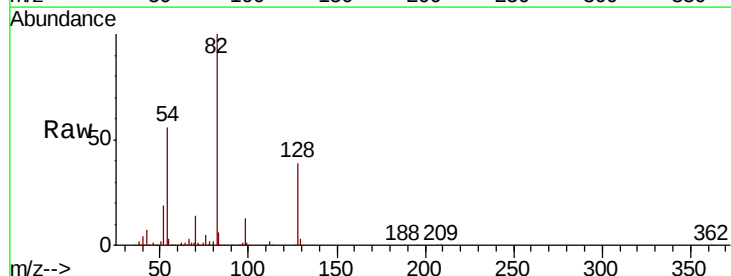


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

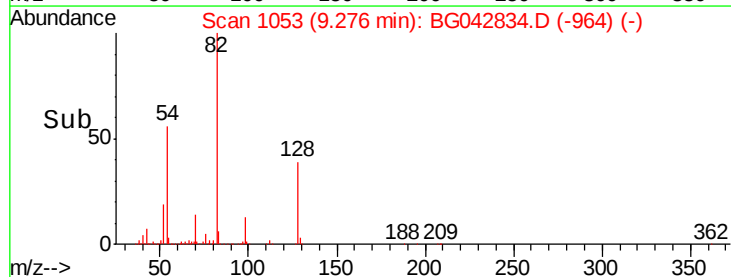
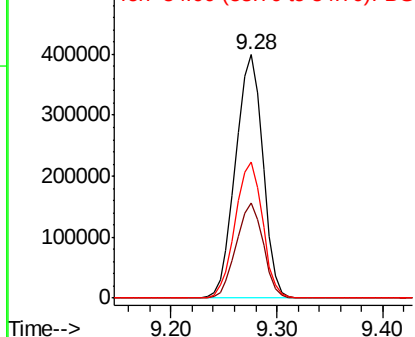


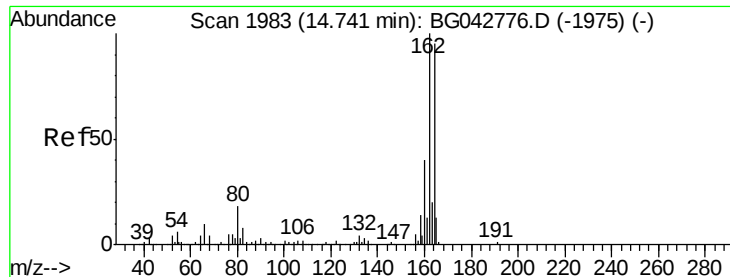
#23
Nitrobenzene-d5
Concen: 91.064 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Tgt Ion: 82	Resp:	714626
Ion Ratio	Lower	Upper
82	100	
128	38.9	29.8 44.8
54	56.0	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: BG042834.D

Acq: 14 Sep 2019 2:10

Instrument :

BNA_G

ClientSampleId :

SB-34-COMP

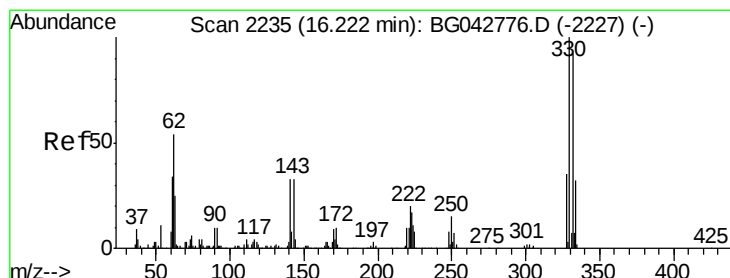
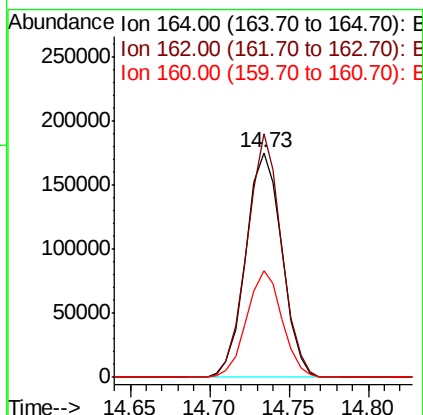
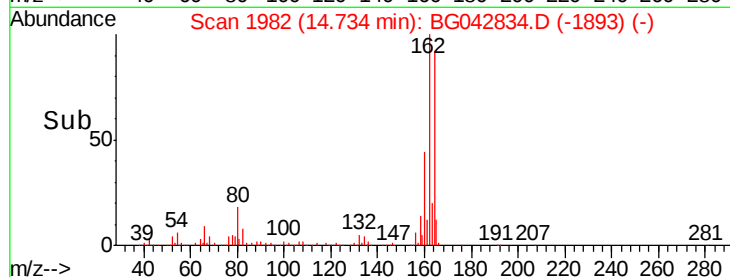
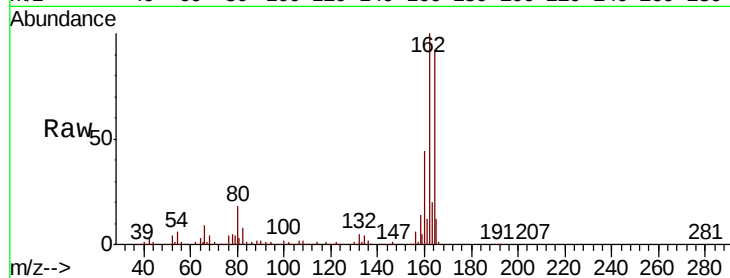
Tot Ion:164 Resp: 276125

Ion Ratio Lower Upper

164 100

162 108.4 84.6 126.8

160 47.4 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 131.582 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

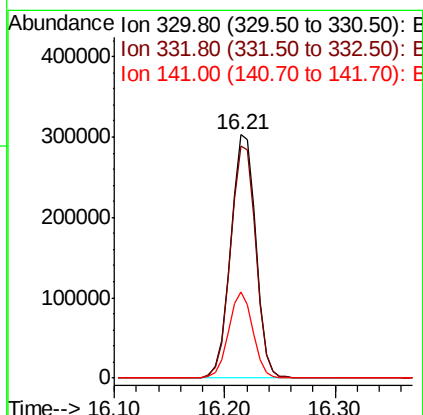
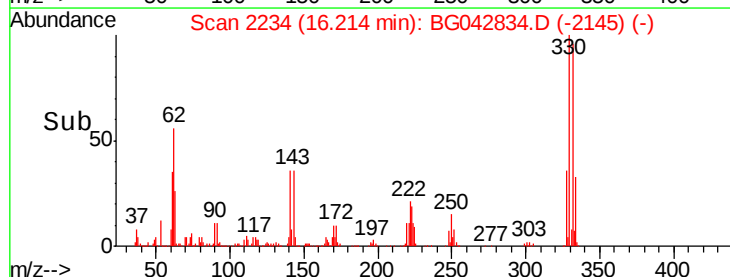
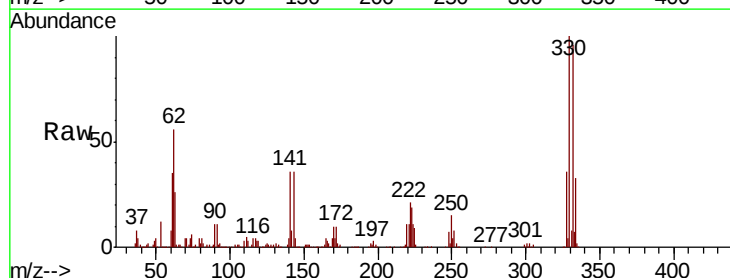
Tgt Ion:330 Resp: 483384

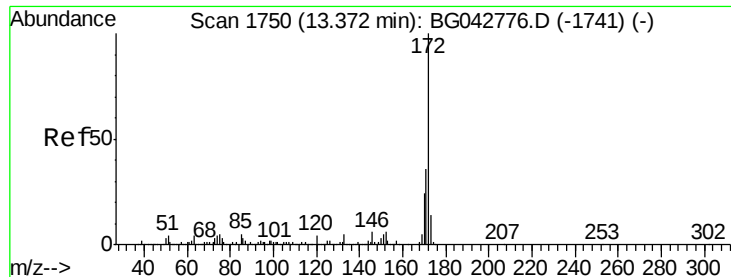
Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 34.1 27.0 40.6



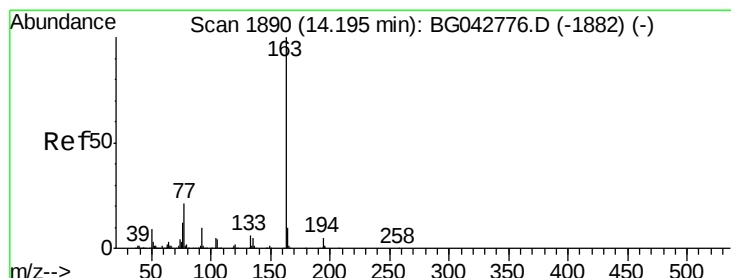
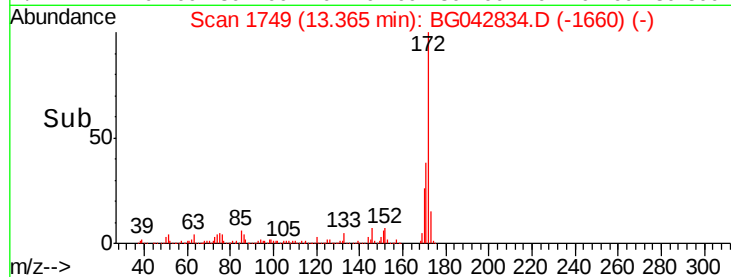
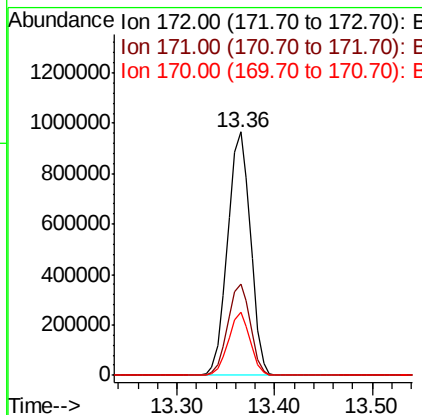
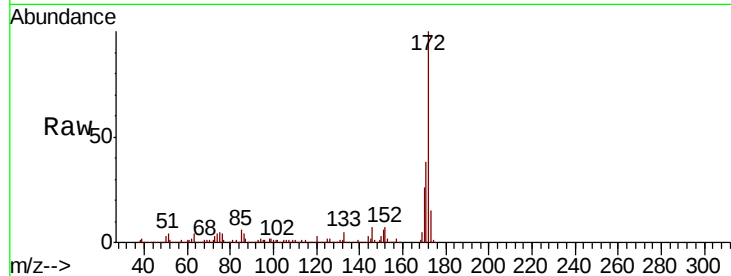


#45
 2-Fluorobiphenyl
 Concen: 89.901 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042834.D
 Acq: 14 Sep 2019 2:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-34-COMP

Tot Ion:172 Resp: 1568215

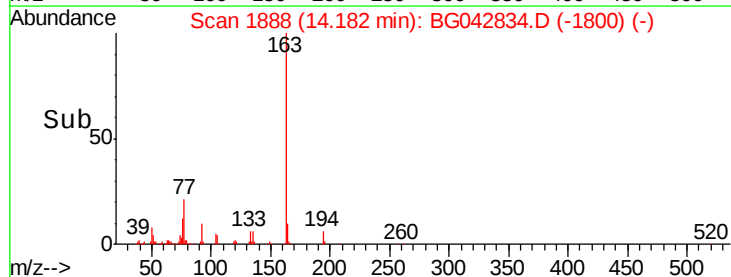
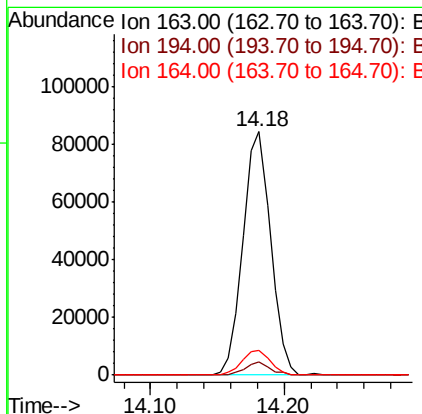
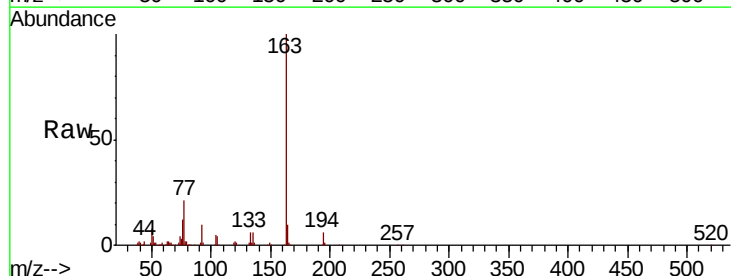
Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	25.7	19.1	28.7

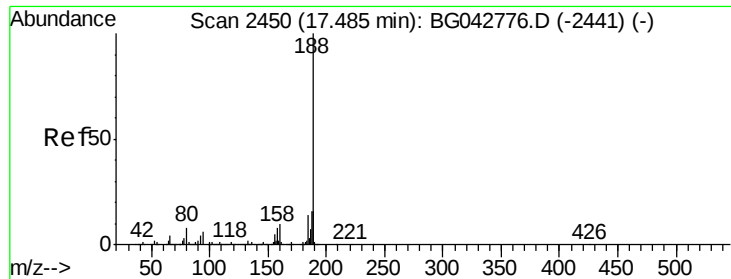


#50
 Dimethylphthalate
 Concen: 5.862 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042834.D
 Acq: 14 Sep 2019 2:10

Tgt Ion:163 Resp: 121256

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.2	6.4
164	10.4	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: BG042834.D

Acq: 14 Sep 2019 2:10

Instrument :

BNA_G

ClientSampleId :

SB-34-COMP

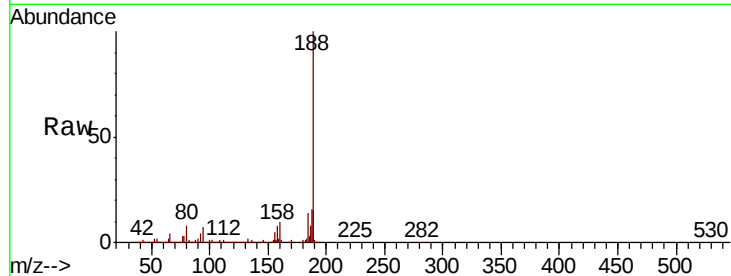
Tot Ion:188 Resp: 604580

Ion Ratio Lower Upper

188 100

94 6.9 4.8 7.2

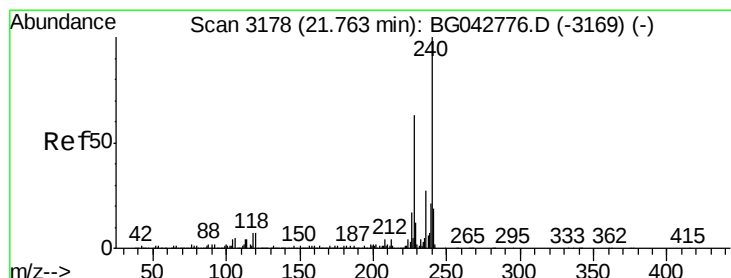
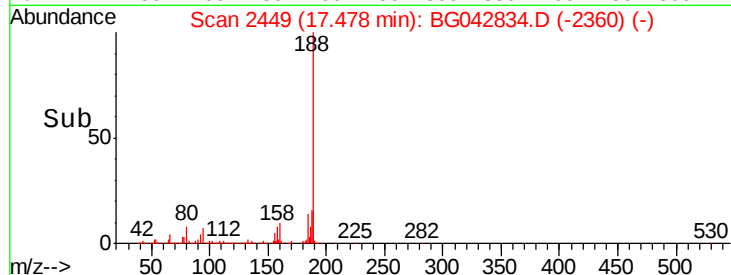
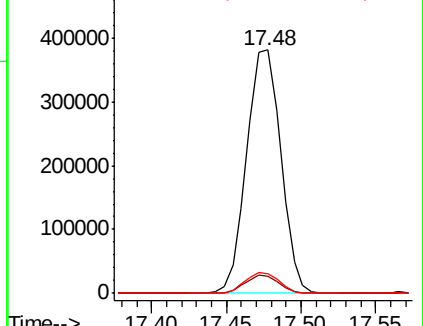
80 8.3 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

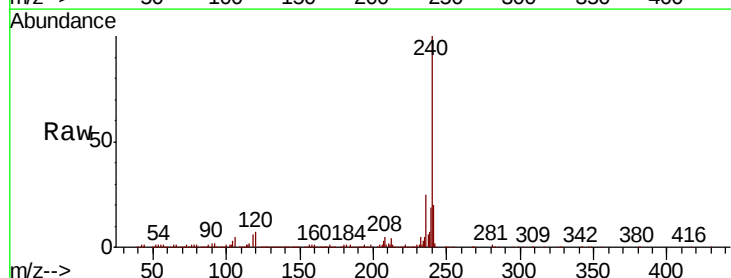
Tgt Ion:240 Resp: 557833

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.2

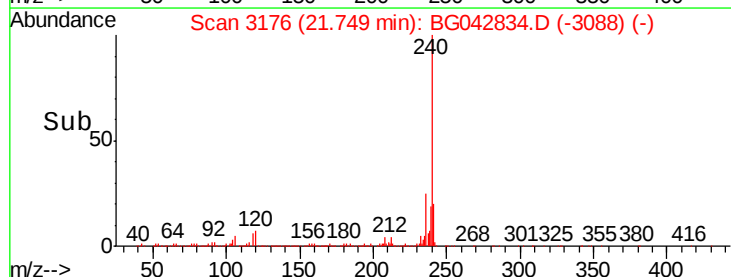
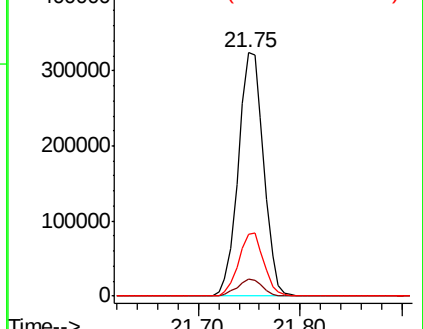
236 25.5 21.7 32.5

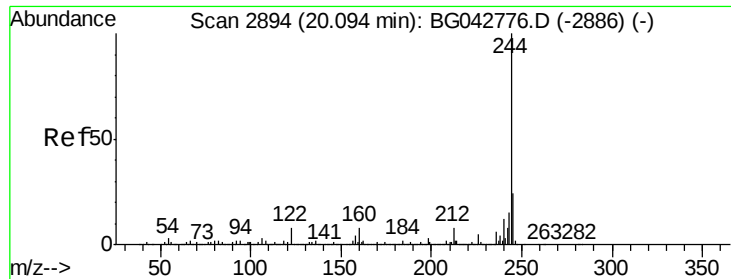


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.724 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

Instrument :

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SB-34-COMP

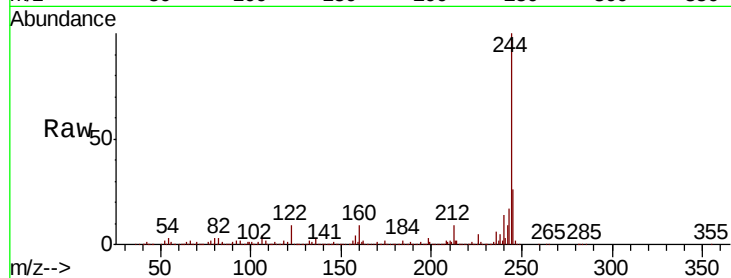
Tot Ion:244 Resp: 2258333

Ion Ratio Lower Upper

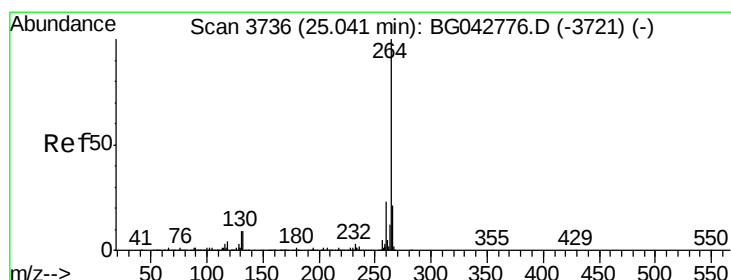
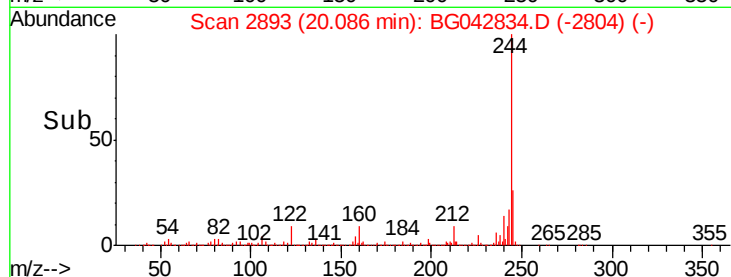
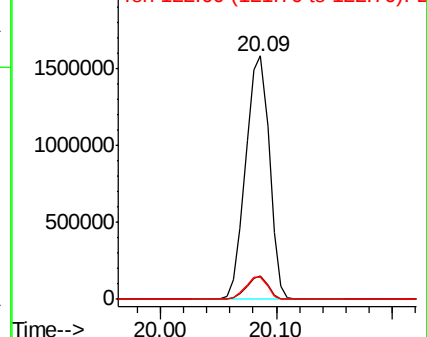
244 100

212 9.5 6.6 10.0

122 9.4 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: BG042834.D

Acq: 14 Sep 2019 2:10

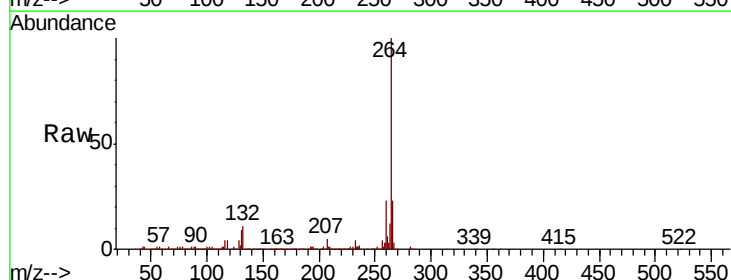
Tgt Ion:264 Resp: 617677

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 22.9 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

