

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042744.D
 Acq On : 6 Sep 2019 7:30
 Operator : HP/JU
 Sample : K4679-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-SB03-COMP

Quant Time: Sep 06 08:49:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

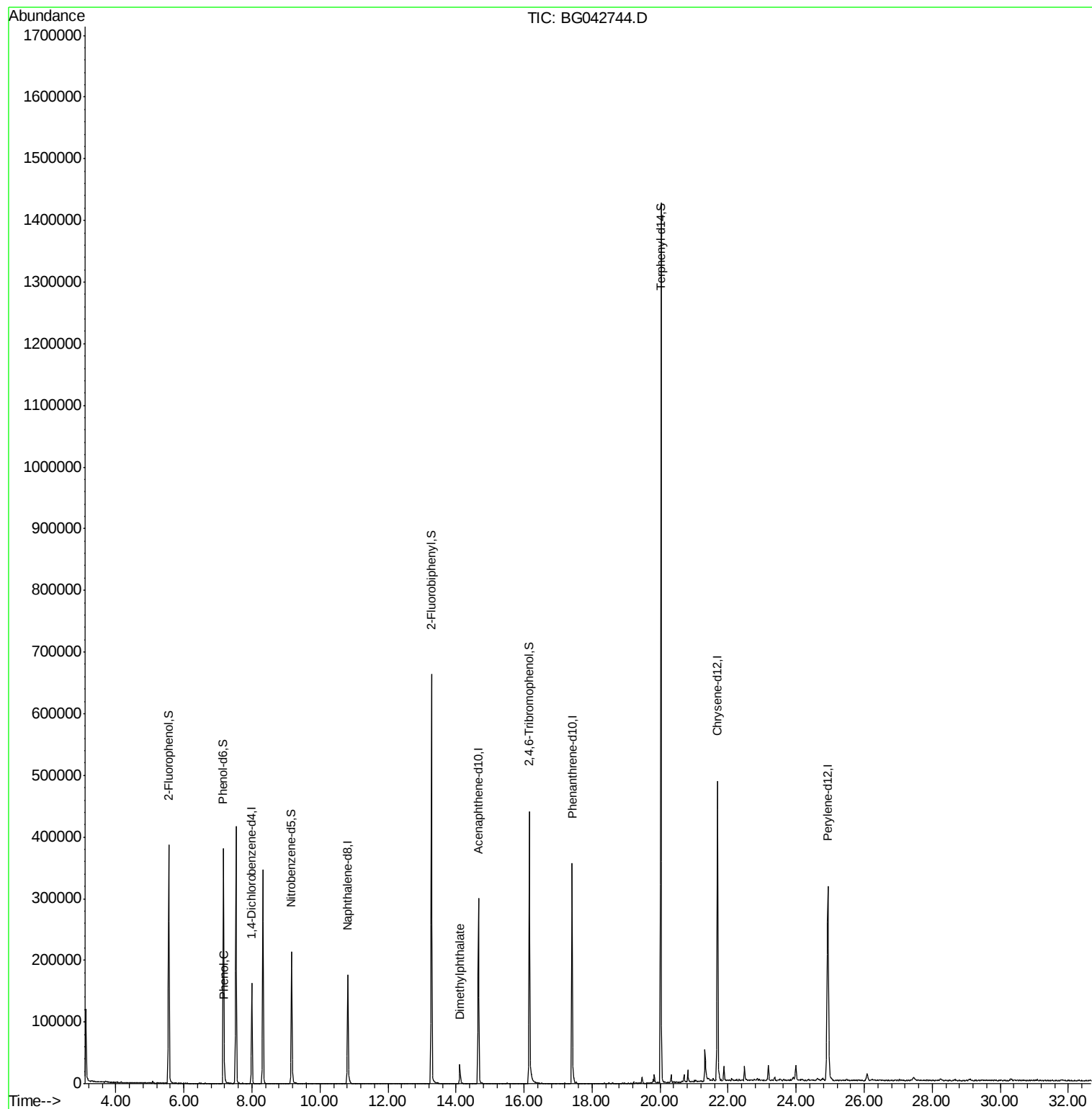
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	51783	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	189495	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	125922	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	277015	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	330085	20.00	ng	-0.01
87) Perylene-d12	24.93	264	391224	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	194842	76.20	ng	-0.01
7) Phenol-d6	7.16	99	247052	71.53	ng	-0.01
23) Nitrobenzene-d5	9.16	82	142544	51.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	139224	77.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	432250	58.06	ng	0.00
79) Terphenyl-d14	20.02	244	785665	51.46	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7646	2.177	ng	Qvalue 81
50) Dimethylphthalate	14.11	163	36317	3.997	ng	# 96

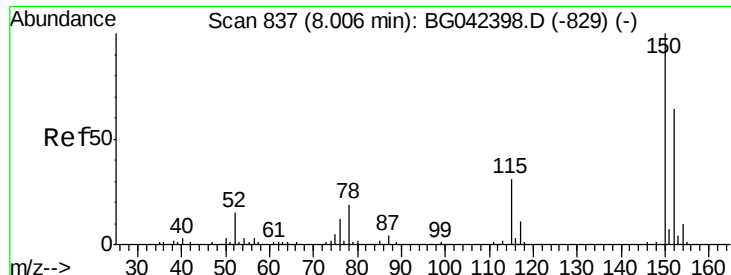
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

WS-SB03-COMP

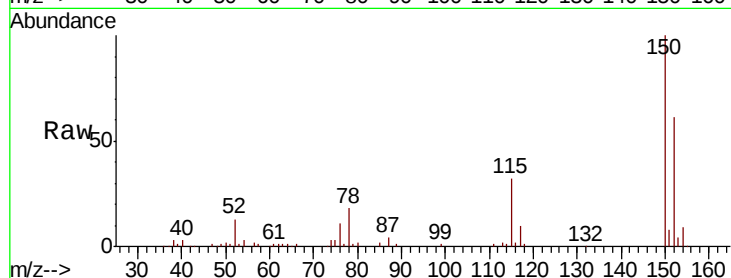
Tot Ion:152 Resp: 51783

Ion Ratio Lower Upper

152 100

150 162.9 125.4 188.0

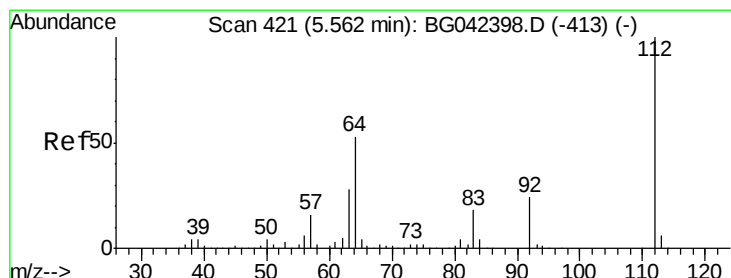
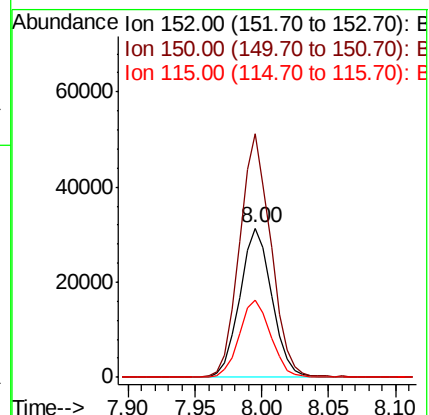
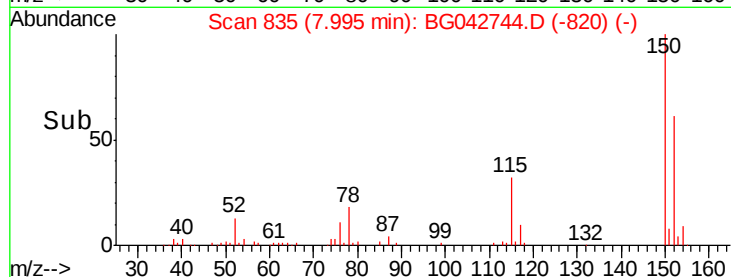
115 52.1 38.5 57.7



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: 76.205 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

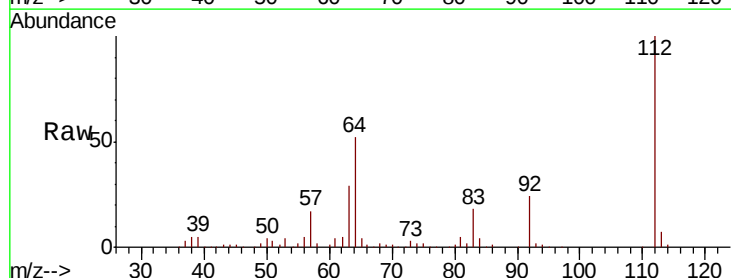
Tgt Ion:112 Resp: 194842

Ion Ratio Lower Upper

112 100

64 52.0 42.8 64.2

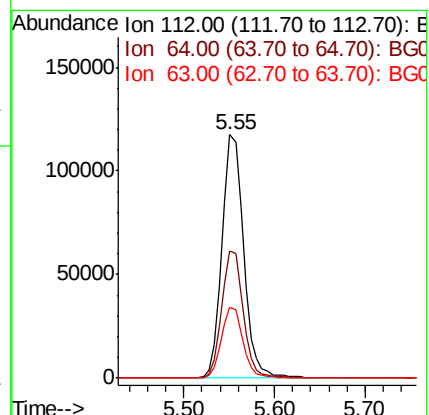
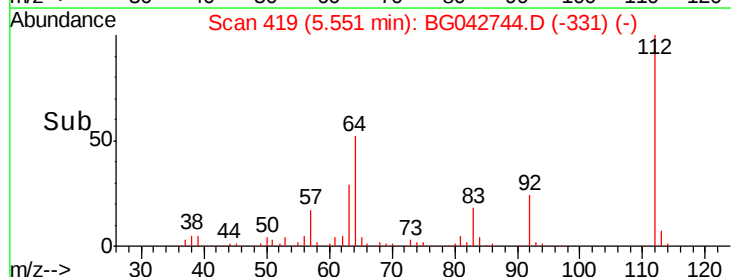
63 29.1 22.7 34.1

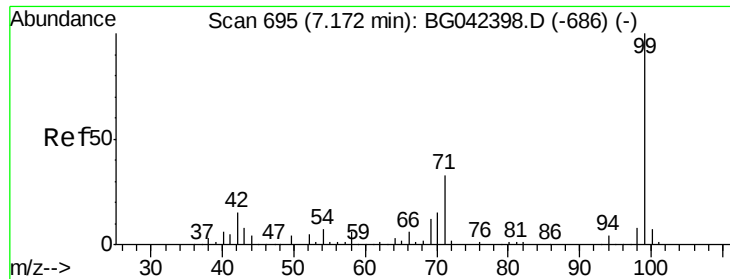


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 71.533 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

WS-SB03-COMP

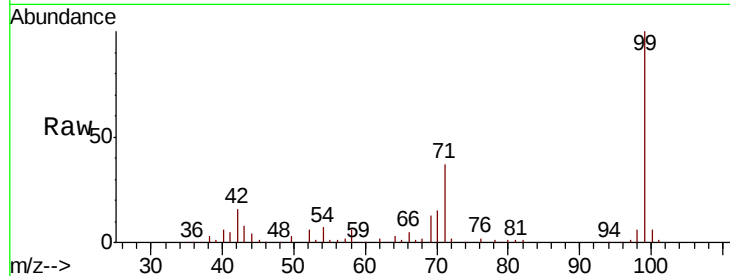
Tot Ion: 99 Resp: 247052

Ion Ratio Lower Upper

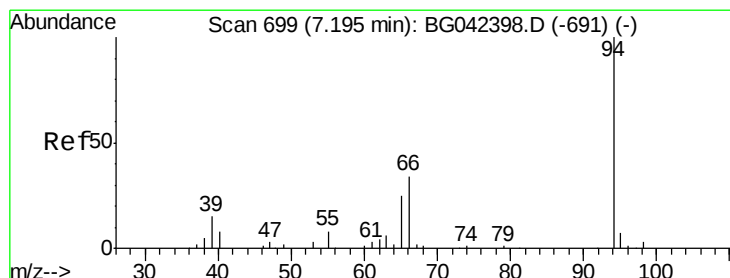
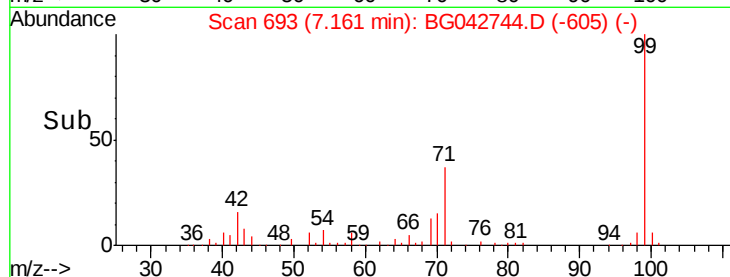
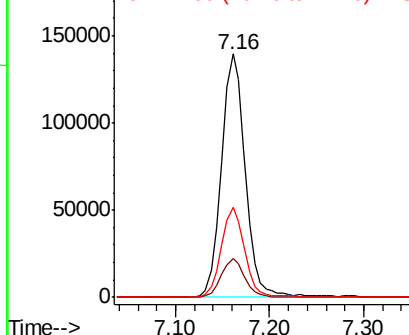
99 100

42 15.8 12.0 18.0

71 37.0 26.3 39.5



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: 2.177 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

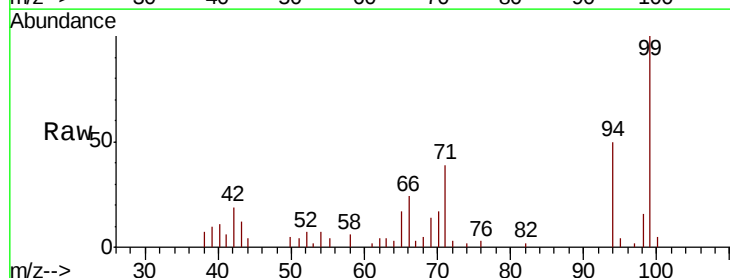
Tgt Ion: 94 Resp: 7646

Ion Ratio Lower Upper

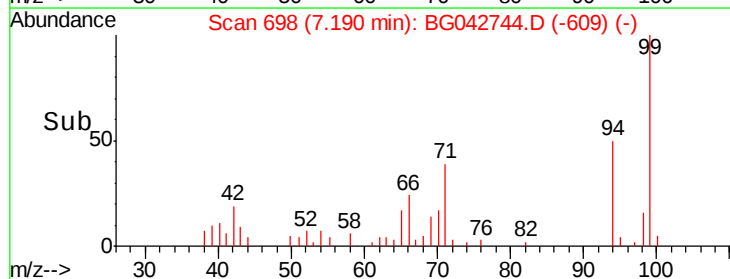
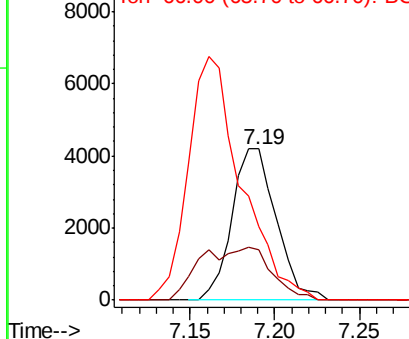
94 100

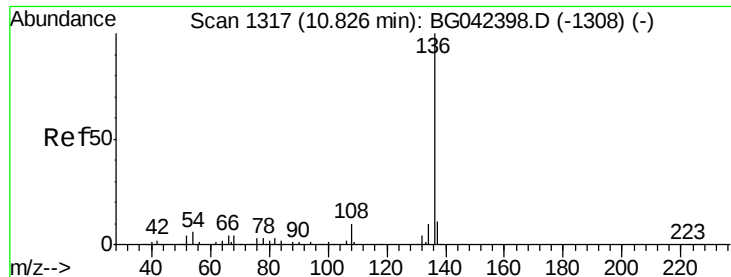
65 33.0 5.6 45.6

66 48.7 16.0 56.0



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

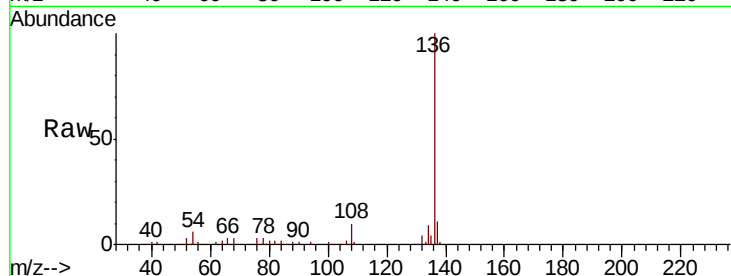




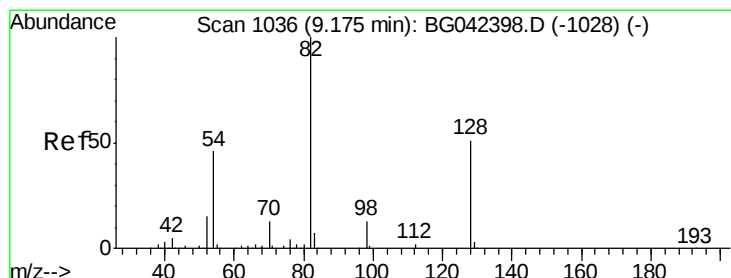
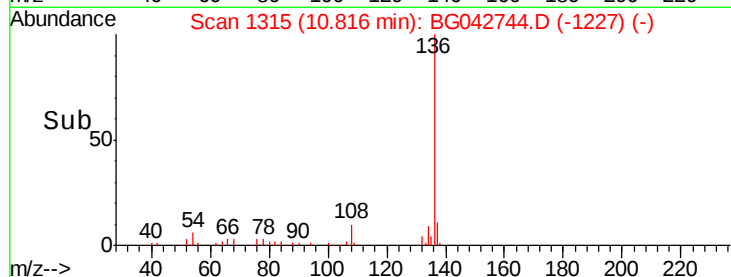
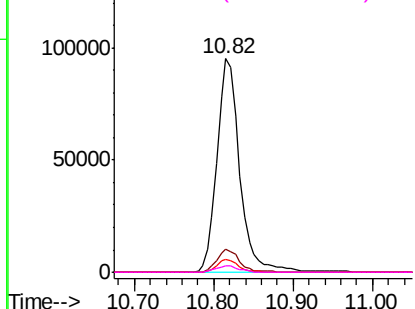
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Instrument :
BNA_G
ClientSampleId :
WS-SB03-COMP

Tot Ion:	136	Resp:	189495
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.0	4.9	7.3
68	3.2	3.6	5.4#

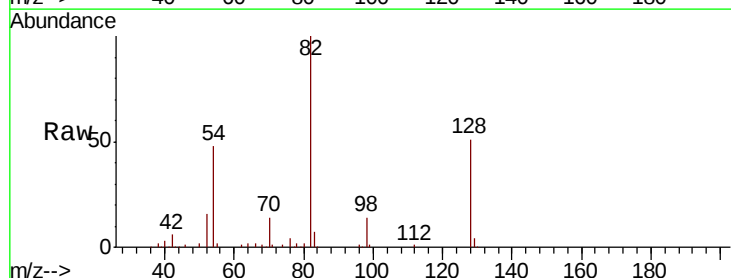


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

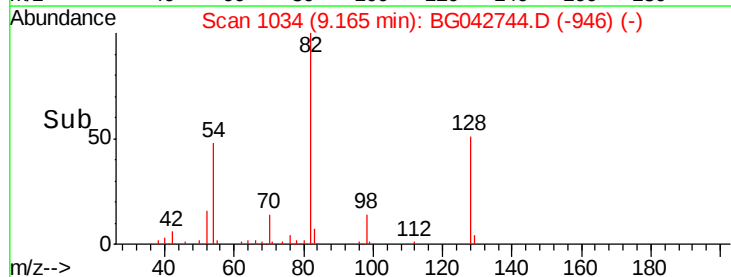
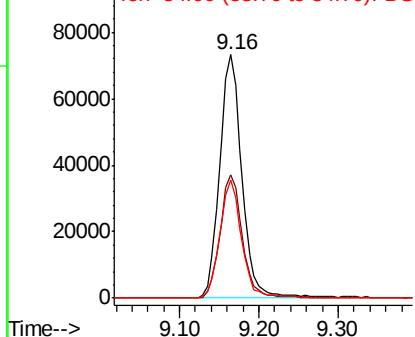


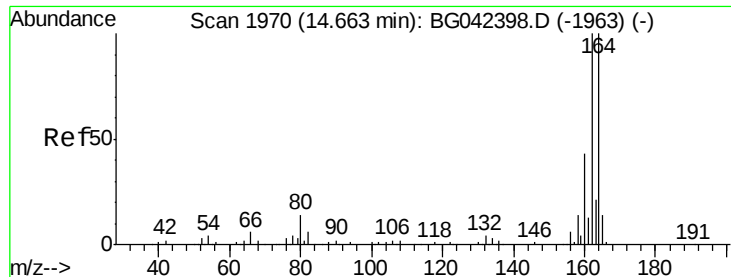
#23
Nitrobenzene-d5
Concen: 51.982 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Tgt Ion:	82	Resp:	142544
Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.7	61.1
54	48.3	36.3	54.5



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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

WS-SB03-COMP

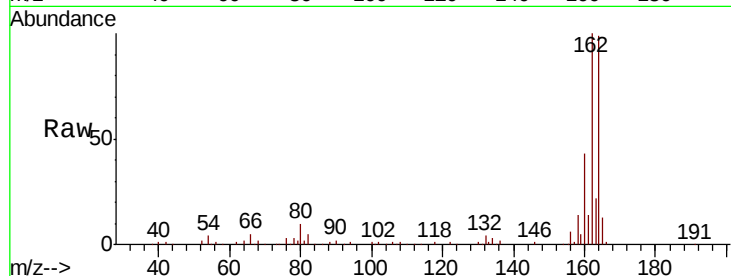
Tot Ion:164 Resp: 125922

Ion Ratio Lower Upper

164 100

162 101.0 79.9 119.9

160 43.2 34.3 51.5

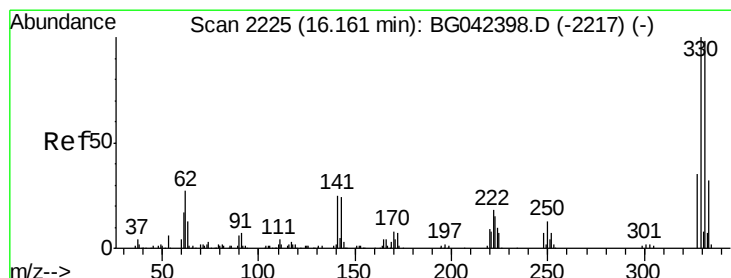
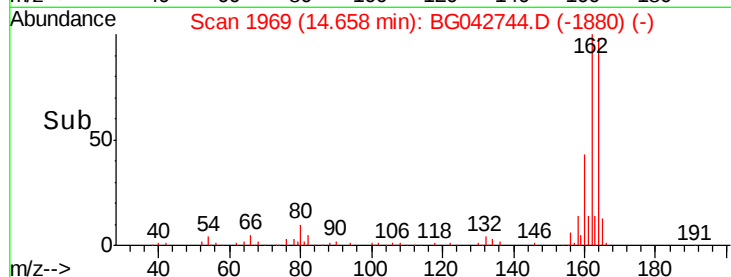
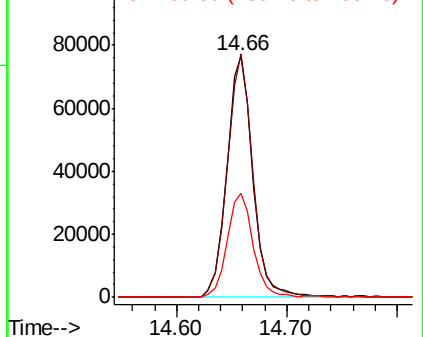


Abundance

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: 77.789 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

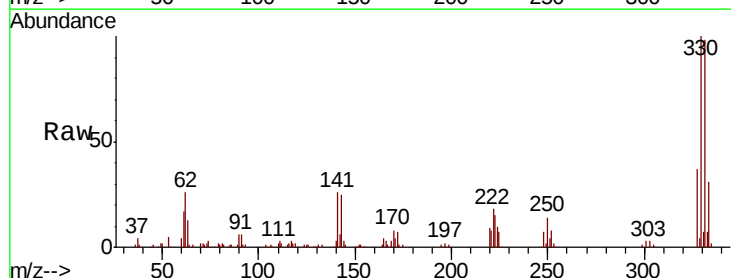
Tgt Ion:330 Resp: 139224

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.0

141 24.7 21.4 32.0

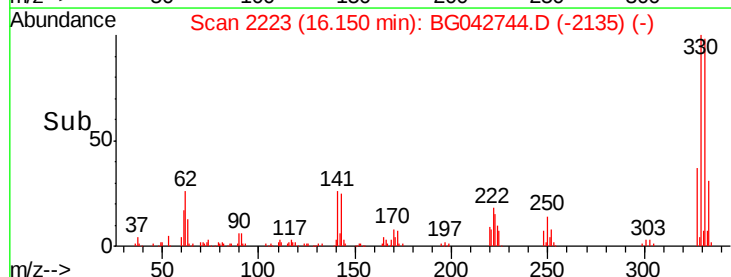
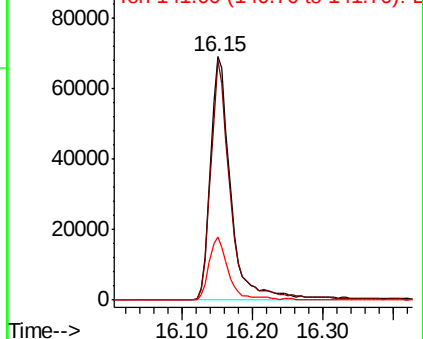


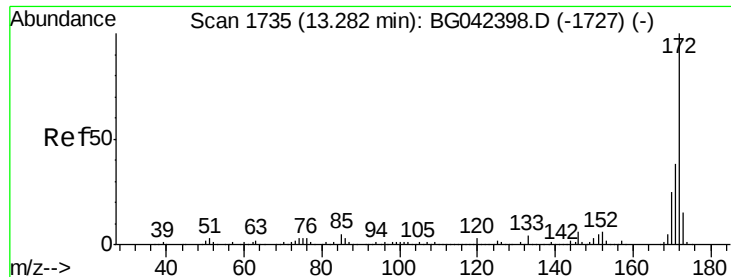
Abundance

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

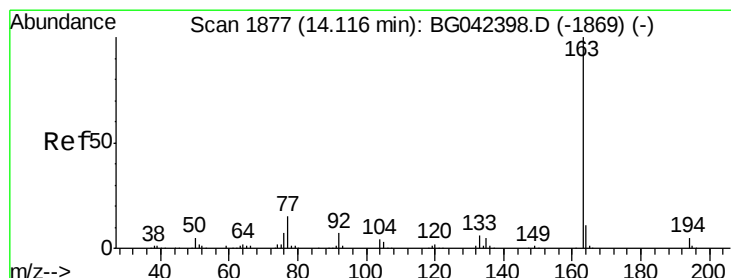
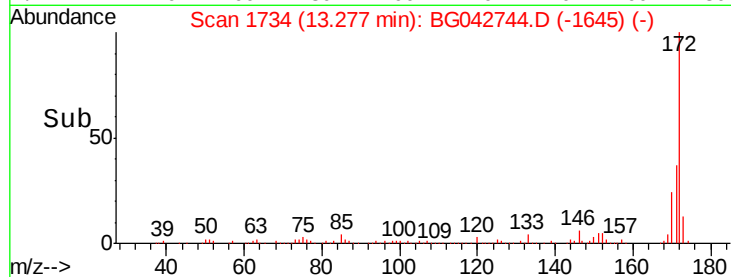
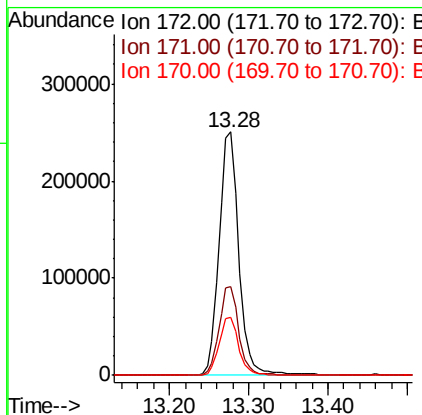
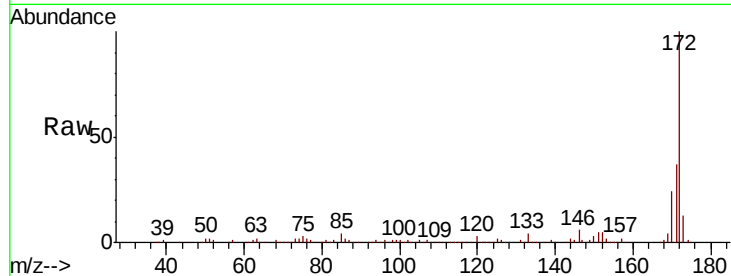




#45
2-Fluorobiphenyl
Concen: 58.056 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

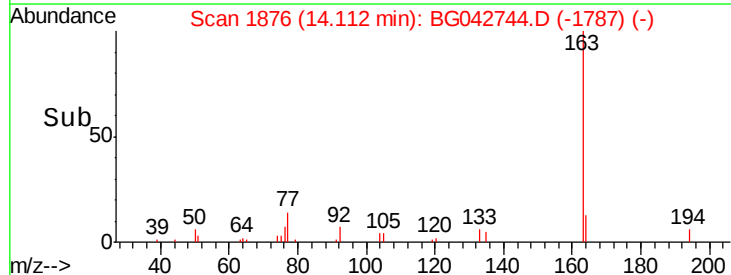
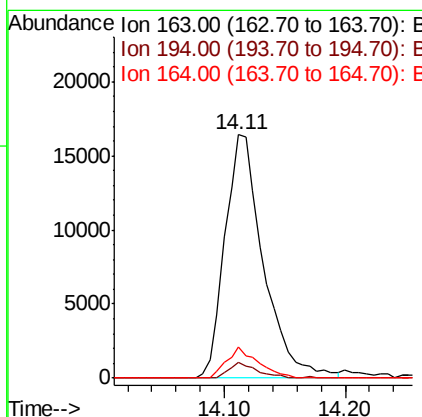
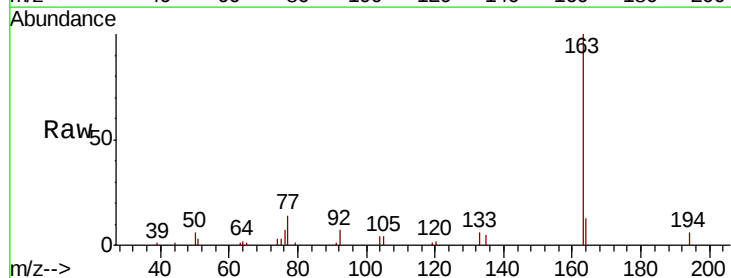
Instrument :
BNA_G
ClientSampleId :
WS-SB03-COMP

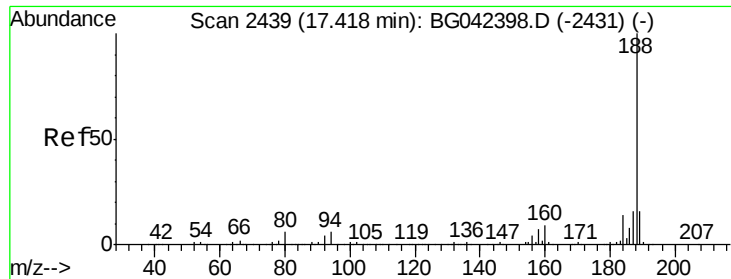
Tot Ion:172 Resp: 432250
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.7 20.2 30.2



#50
Dimethylphthalate
Concen: 3.997 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Tgt Ion:163 Resp: 36317
Ion Ratio Lower Upper
163 100
194 6.3 4.2 6.2#
164 12.8 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

WS-SB03-COMP

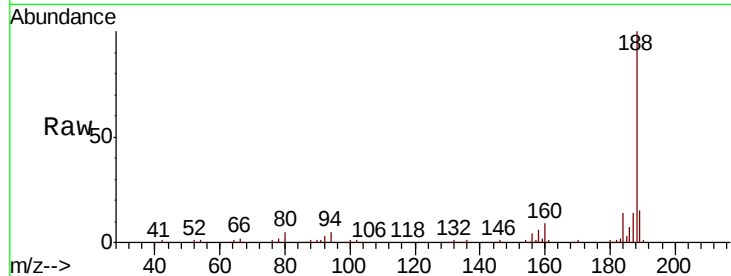
Tot Ion:188 Resp: 277015

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

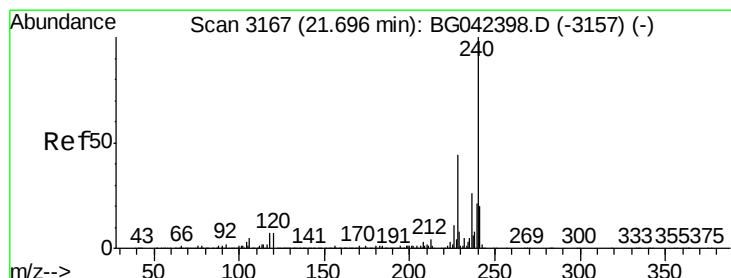
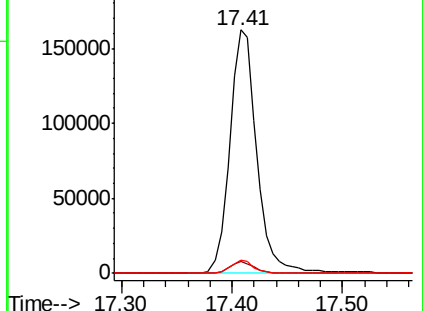
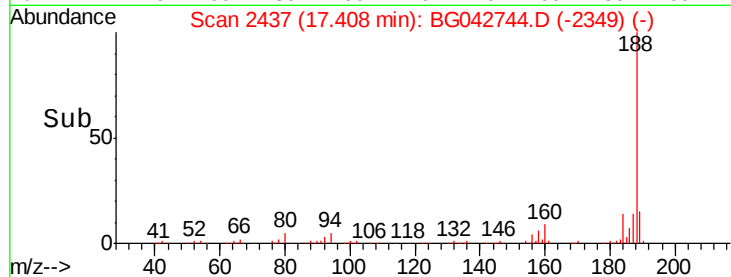
80 5.4 4.9 7.3



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

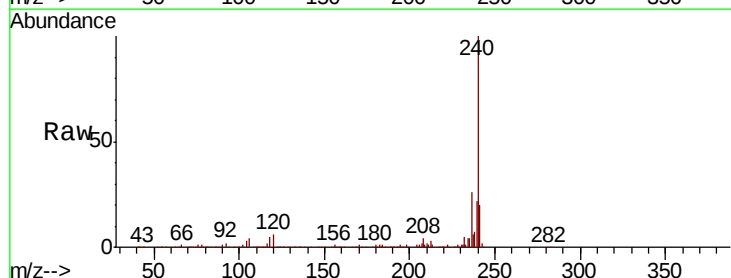
Tgt Ion:240 Resp: 330085

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

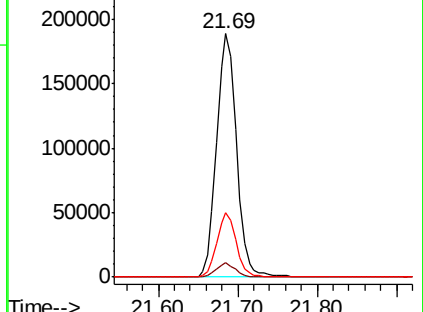
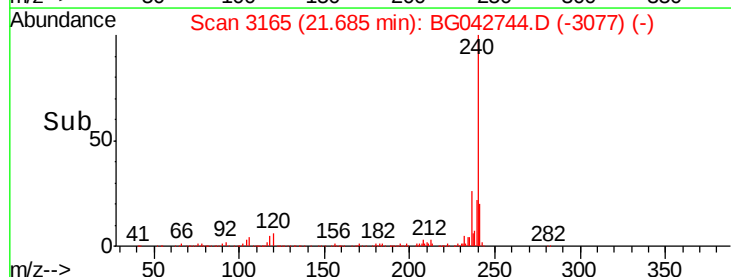
236 26.3 21.0 31.4

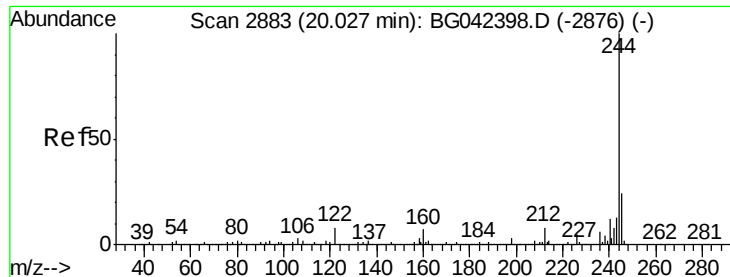


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.458 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

WS-SB03-COMP

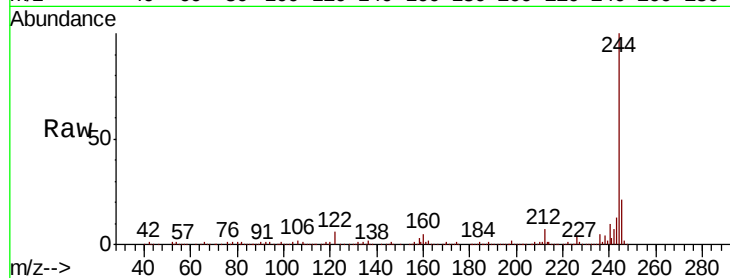
Tot Ion:244 Resp: 785665

Ion Ratio Lower Upper

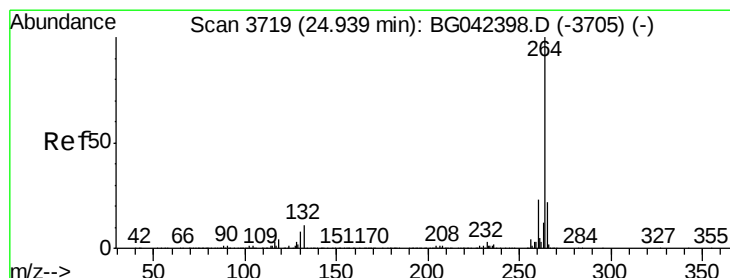
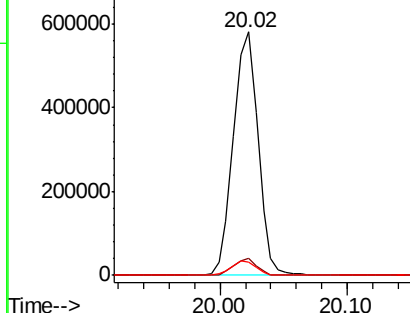
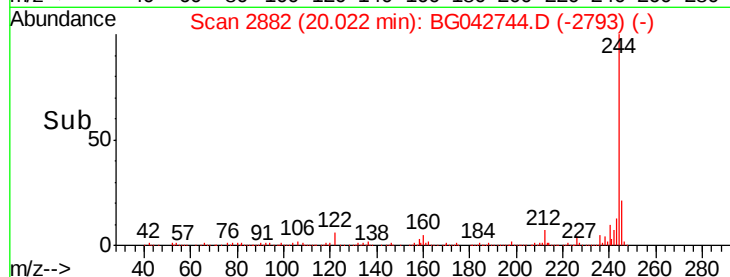
244 100

212 6.9 6.0 9.0

122 5.7 6.7 10.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

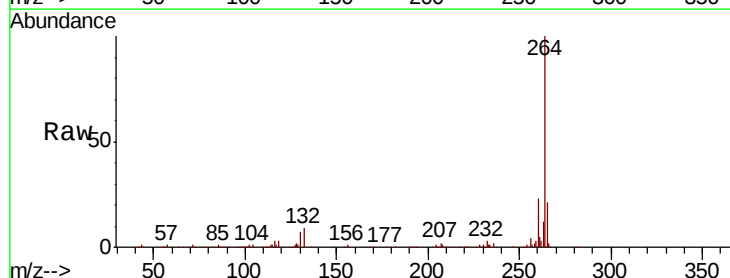
Tgt Ion:264 Resp: 391224

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.1 17.6 26.4



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

