

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043399.D
 Acq On : 30 Oct 2019 8:27
 Operator : JU
 Sample : K5576-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-6

Quant Time: Oct 30 09:26:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

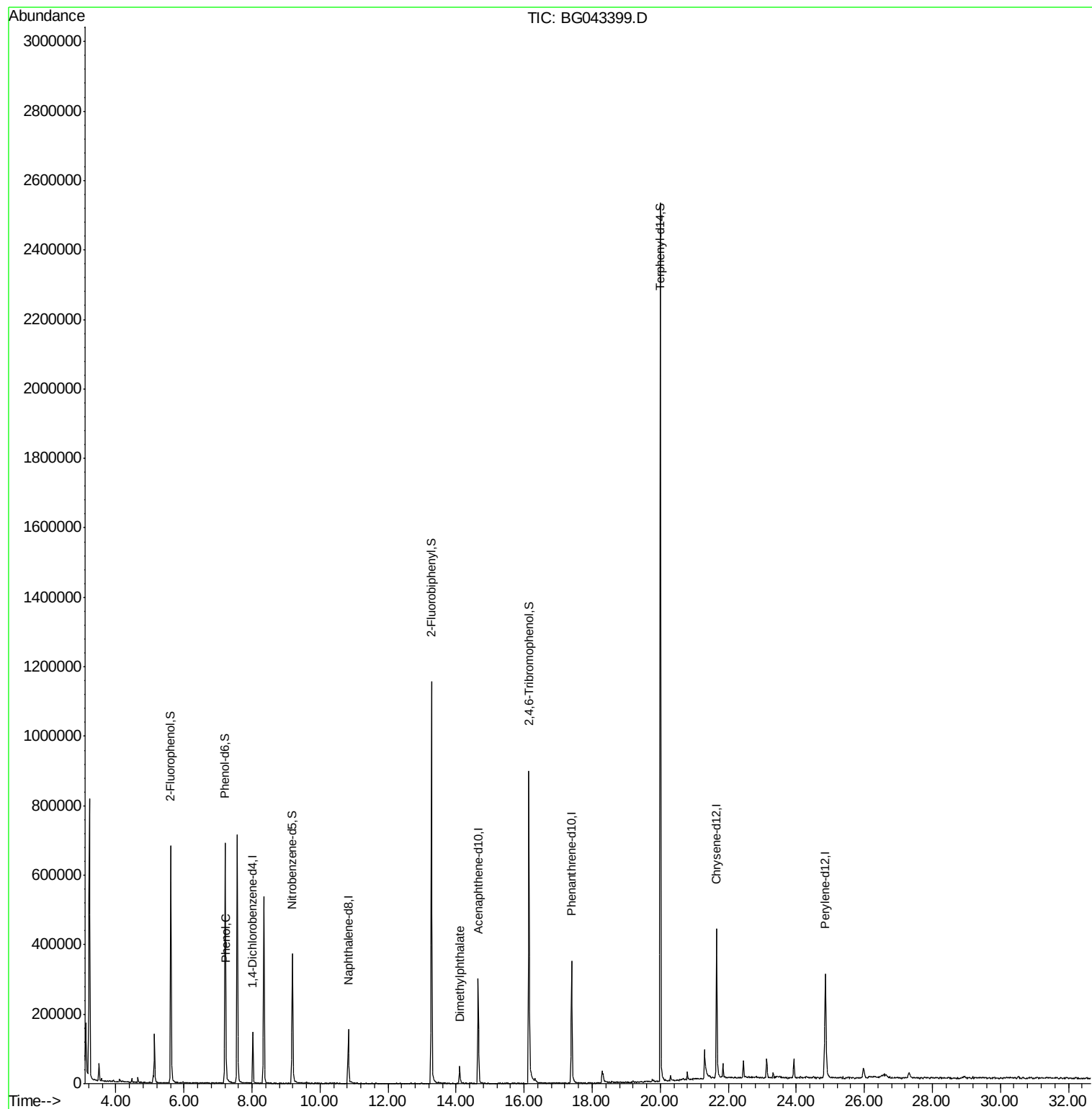
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43976	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	158845	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117650	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	265096	20.00	ng	0.00
76) Chrysene-d12	21.66	240	293902	20.00	ng	0.00
87) Perylene-d12	24.85	264	346200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	310392	129.34	ng	0.00
7) Phenol-d6	7.21	99	431576	124.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	254063	82.46	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	246360	110.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	688201	80.83	ng	0.00
79) Terphenyl-d14	20.00	244	1369758	87.44	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6888	2.183	ng	Qvalue # 67
50) Dimethylphthalate	14.10	163	45777	5.023	ng	97

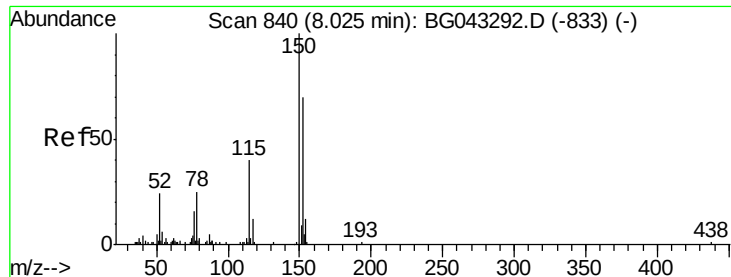
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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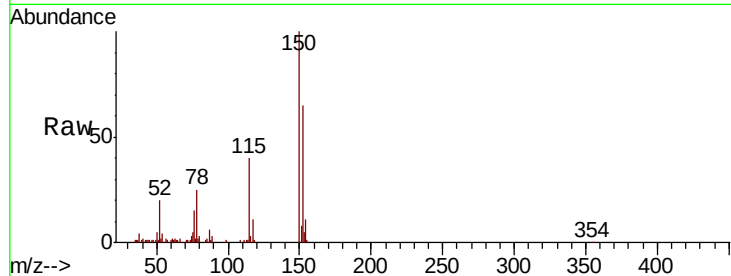


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampled :
CSA-2-1-6

Tot Ion	152	Resp	43976
Ion Ratio	Lower	Upper	
152	100		
150	154.3	113.6	170.4
115	62.0	45.9	68.9

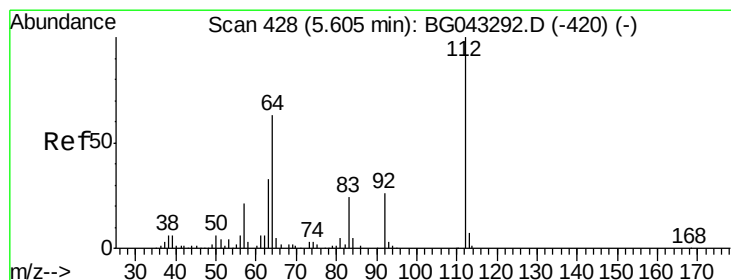
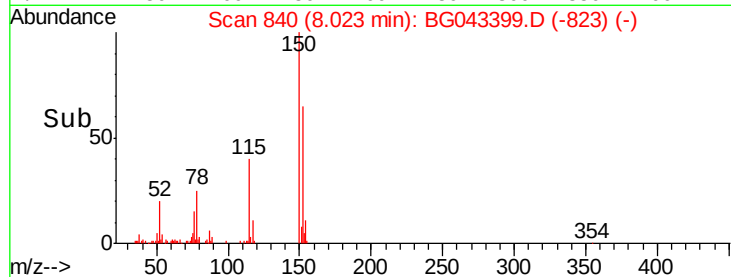
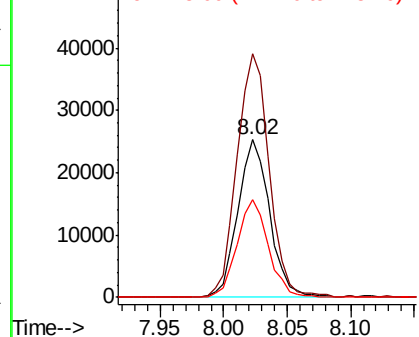


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

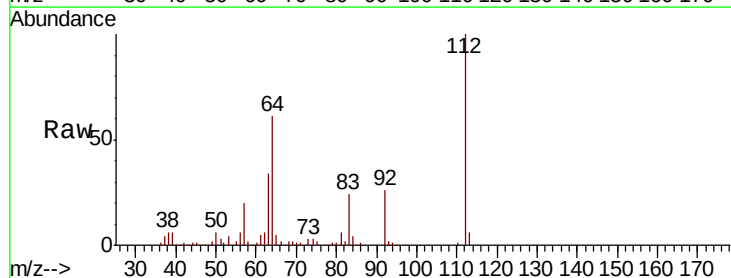
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.338 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion	112	Resp	310392
Ion Ratio	Lower	Upper	
112	100		
64	60.8	50.2	75.2
63	34.4	26.7	40.1

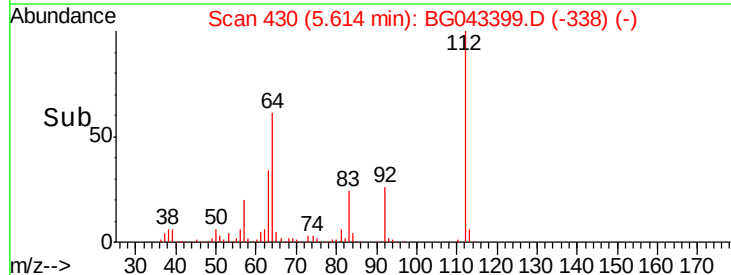
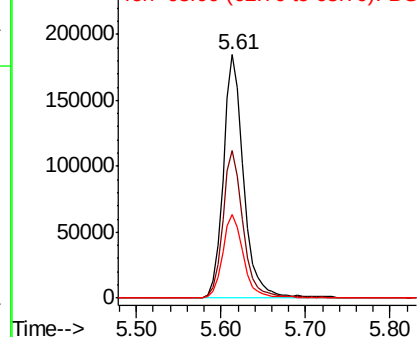


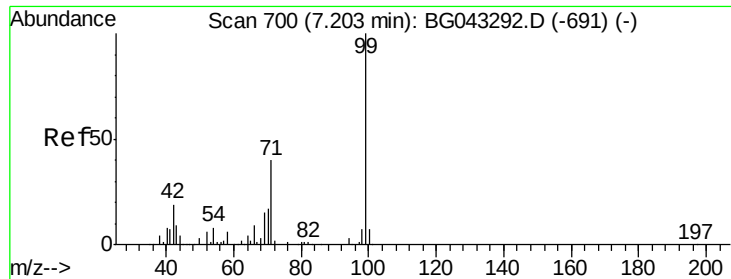
Abundance

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: 124.992 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-6

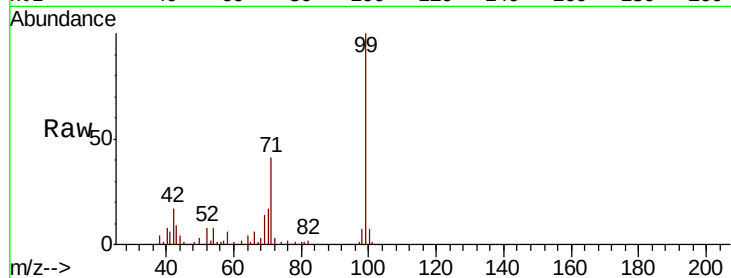
Tot Ion: 99 Resp: 431576

Ion Ratio Lower Upper

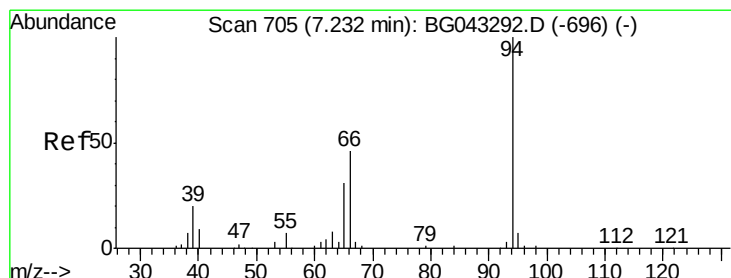
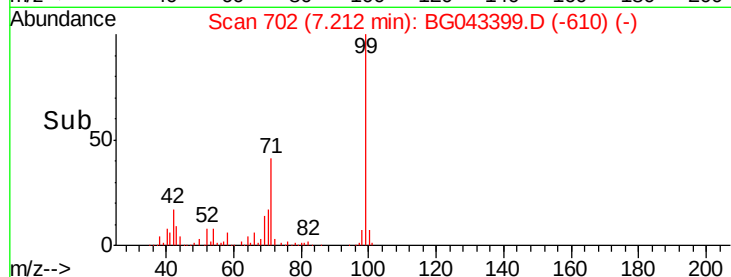
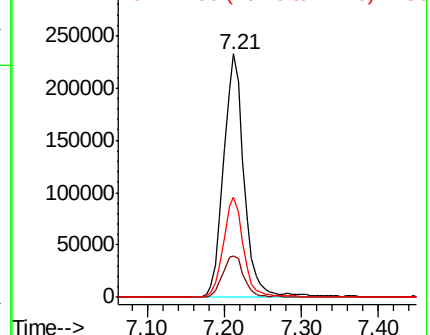
99 100

42 17.1 14.9 22.3

71 41.0 32.2 48.2



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: 2.183 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

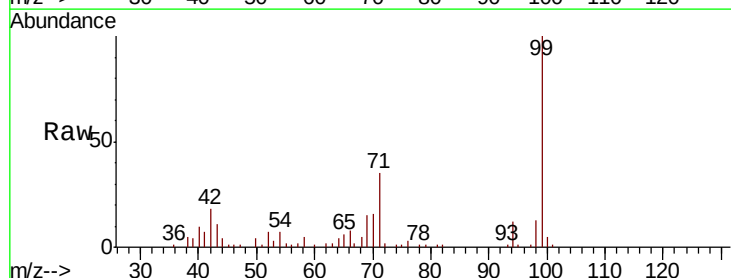
Tgt Ion: 94 Resp: 6888

Ion Ratio Lower Upper

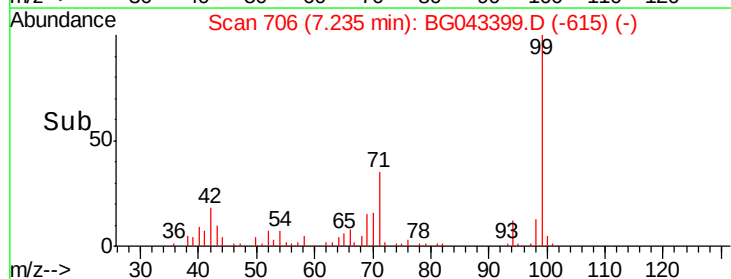
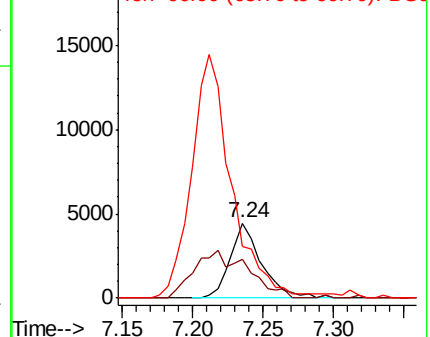
94 100

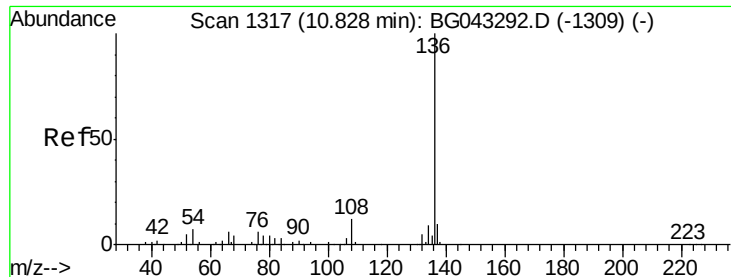
65 51.1 11.1 51.1#

66 68.8 27.8 67.8#



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-6

Tot Ion:136 Resp: 158845

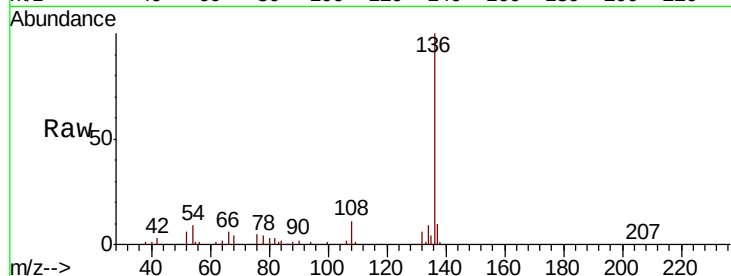
Ion Ratio Lower Upper

136 100

137 9.8 8.2 12.2

54 8.6 5.4 8.2#

68 4.2 3.3 4.9

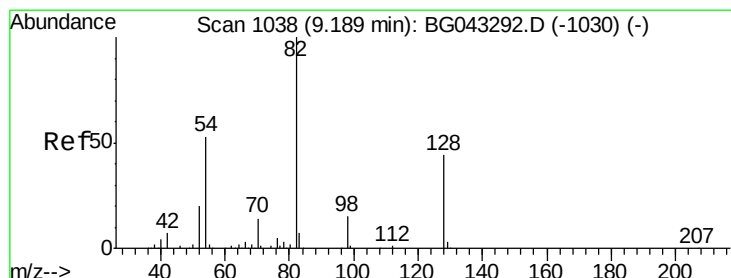
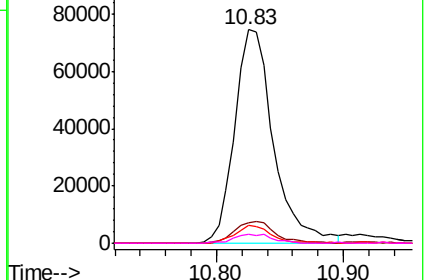
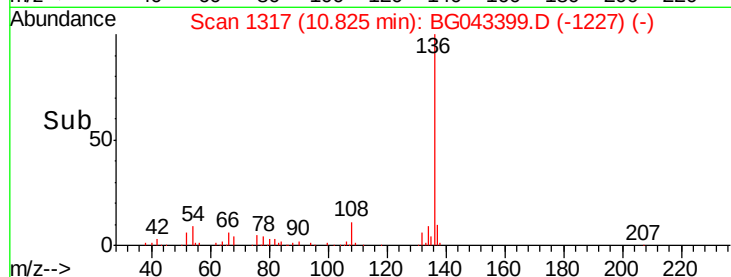


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.458 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

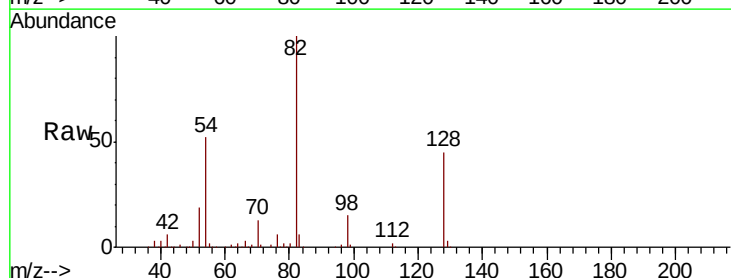
Tgt Ion: 82 Resp: 254063

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

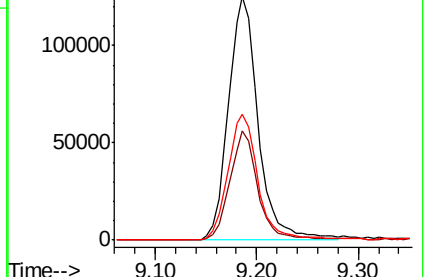
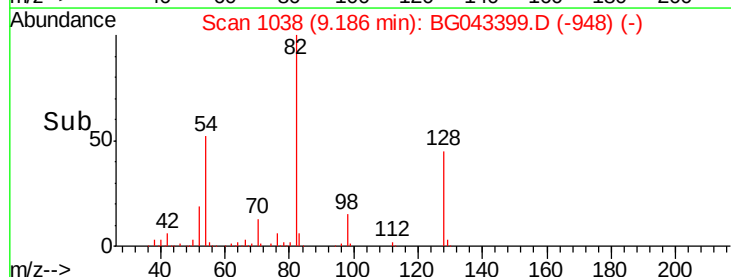
54 51.9 42.3 63.5

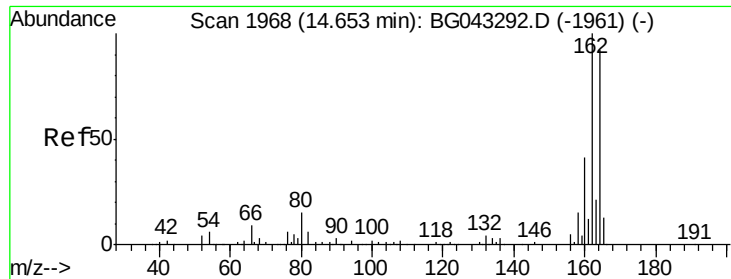


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-6

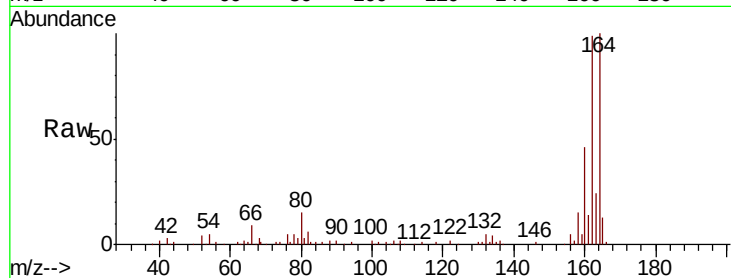
Tot Ion:164 Resp: 117650

Ion Ratio Lower Upper

164 100

162 99.2 87.0 130.4

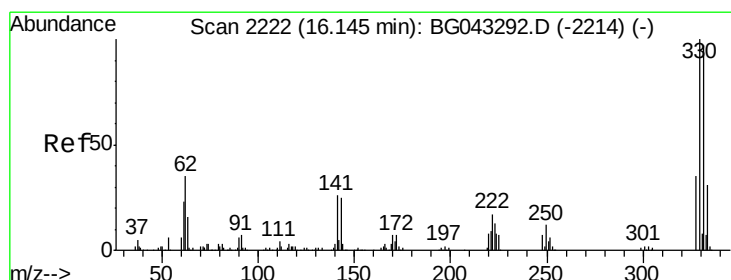
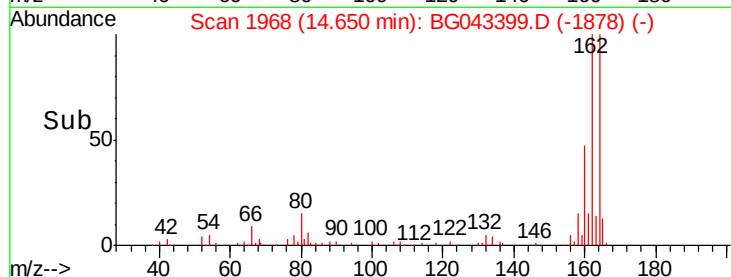
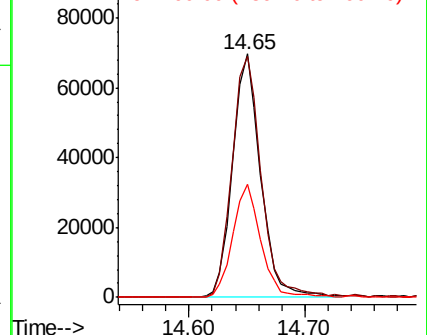
160 46.2 35.5 53.3



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: 110.037 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

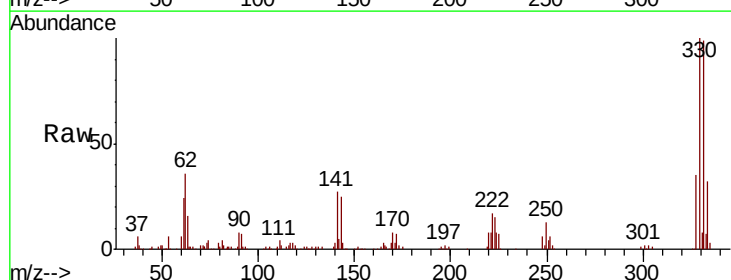
Tgt Ion:330 Resp: 246360

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

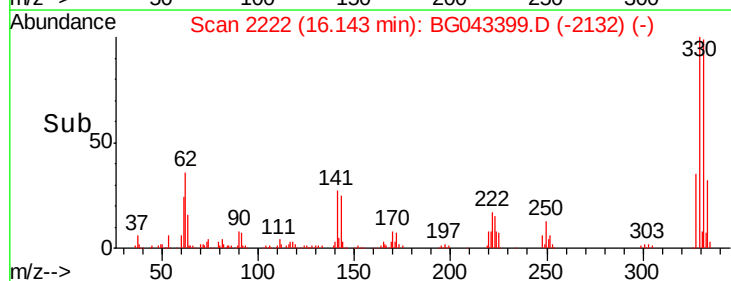
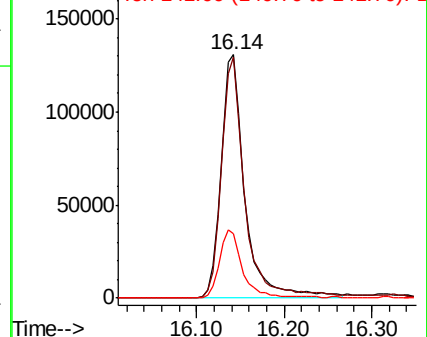
141 27.8 21.4 32.0

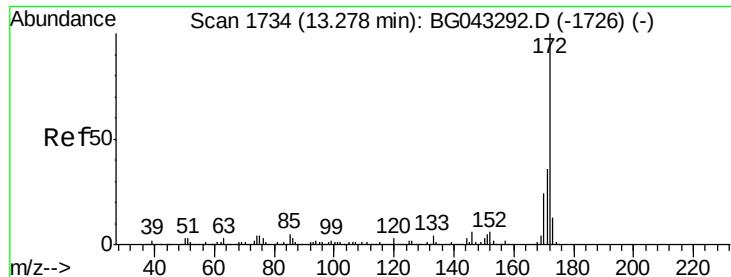


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

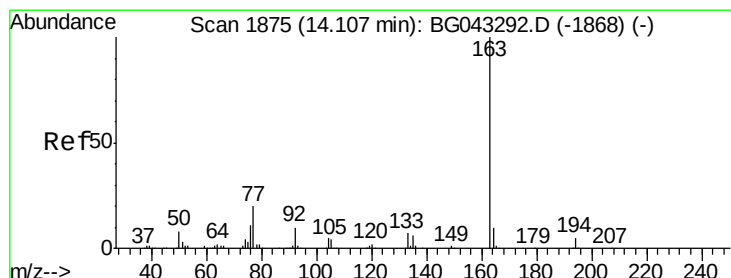
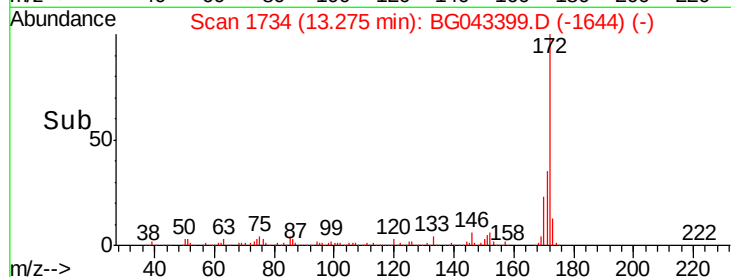
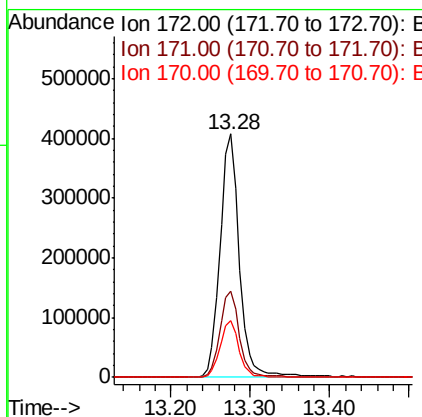
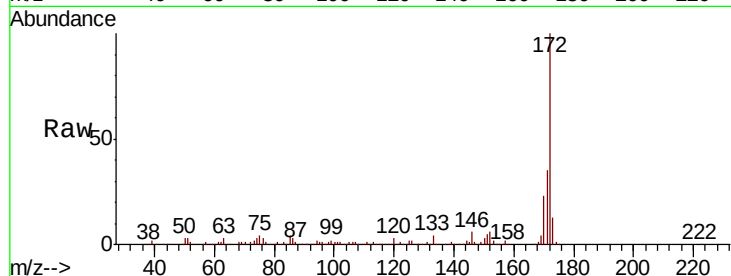




#45
2-Fluorobiphenyl
Concen: 80.829 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

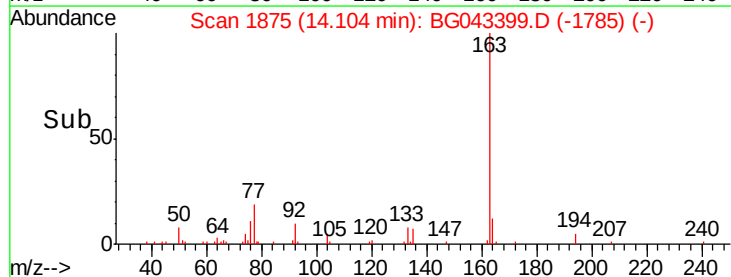
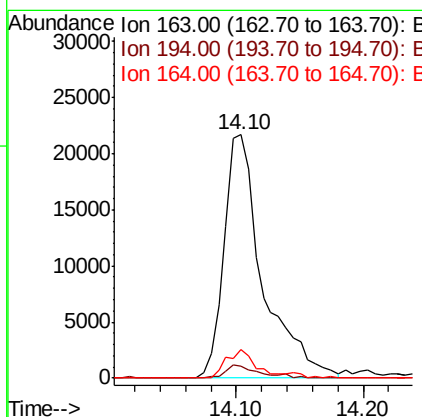
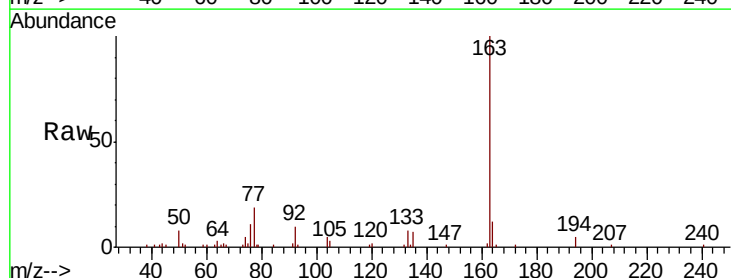
Instrument :
BNA_G
ClientSampled :
CSA-2-1-6

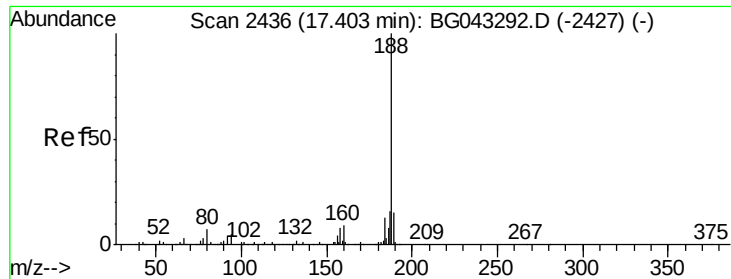
Tot Ion:172 Resp: 688201
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 18.8 28.2



#50
Dimethylphthalate
Concen: 5.023 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:163 Resp: 45777
Ion Ratio Lower Upper
163 100
194 5.1 3.7 5.5
164 11.6 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-6

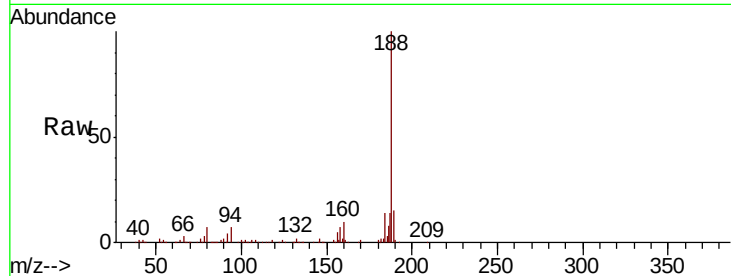
Tot Ion:188 Resp: 265096

Ion Ratio Lower Upper

188 100

94 6.7 4.2 6.2#

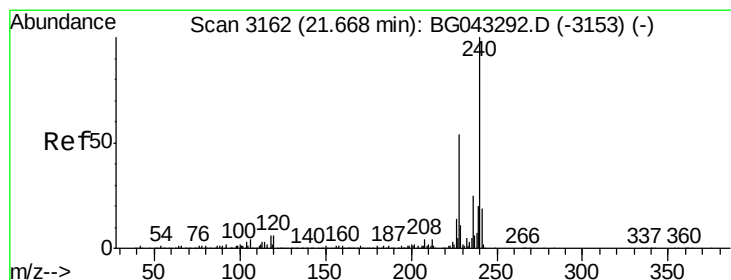
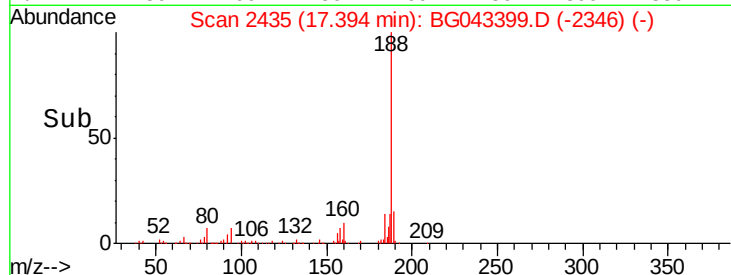
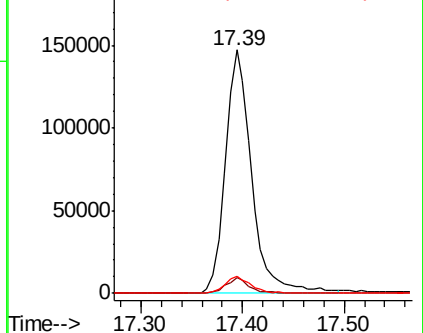
80 6.8 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

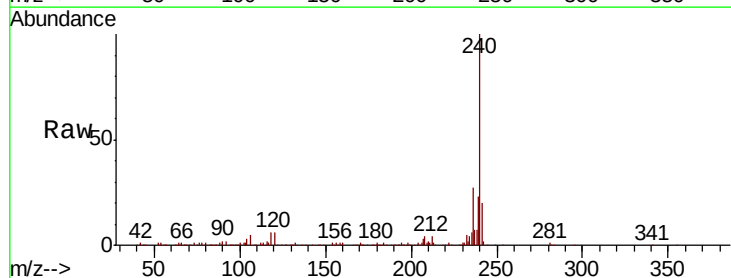
Tgt Ion:240 Resp: 293902

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

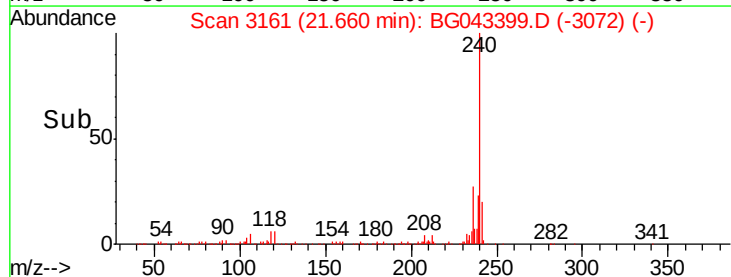
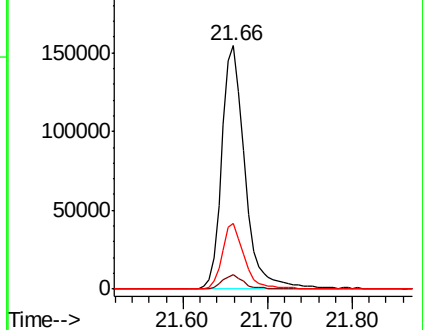
236 27.2 20.2 30.4

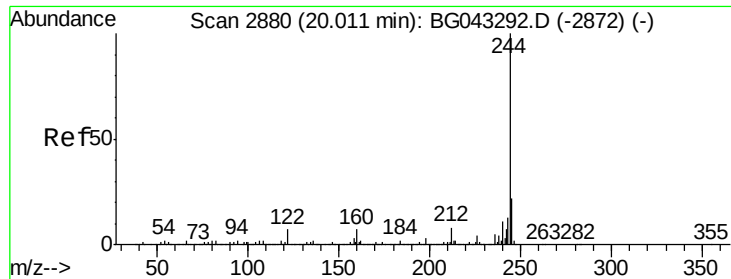


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.435 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-6

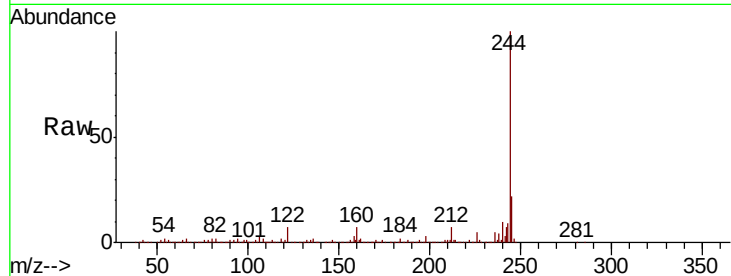
Tot Ion:244 Resp: 1369758

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	7.0	5.3	7.9

244 100

212 7.4 6.4 9.6

122 7.0 5.3 7.9

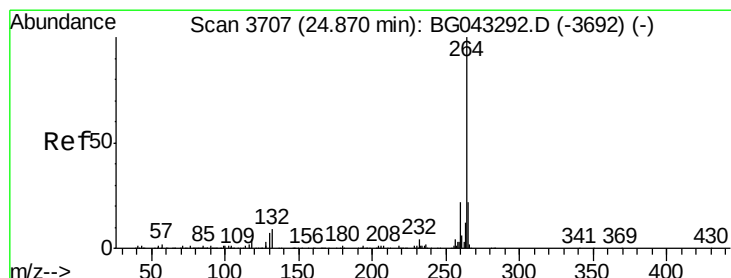
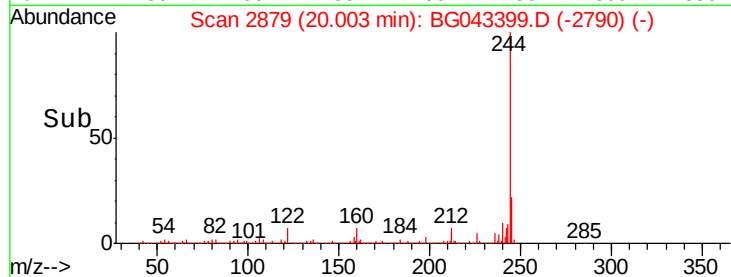
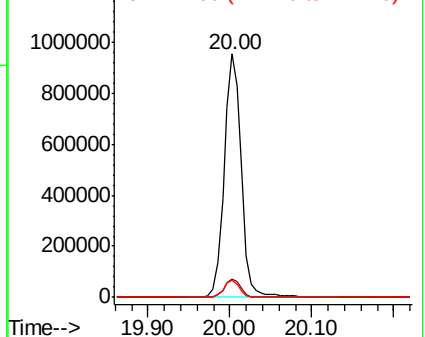


Abundance

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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043399.D

Acq: 30 Oct 2019 8:27

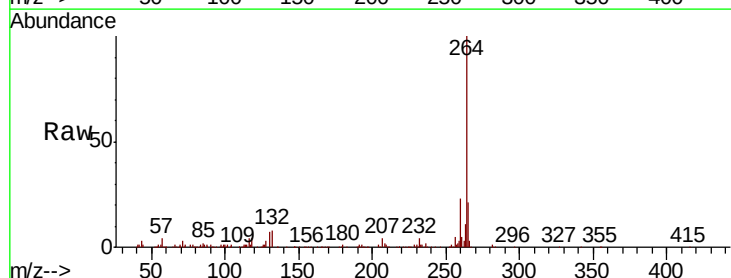
Tgt Ion:264 Resp: 346200

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.2	17.4	26.2

264 100

260 23.0 17.9 26.9

265 21.2 17.4 26.2



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

