

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
 Data File : BG039785.D
 Acq On : 6 Mar 2019 13:29
 Operator : JU/SJ
 Sample : K1704-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

Quant Time: Mar 07 00:29:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

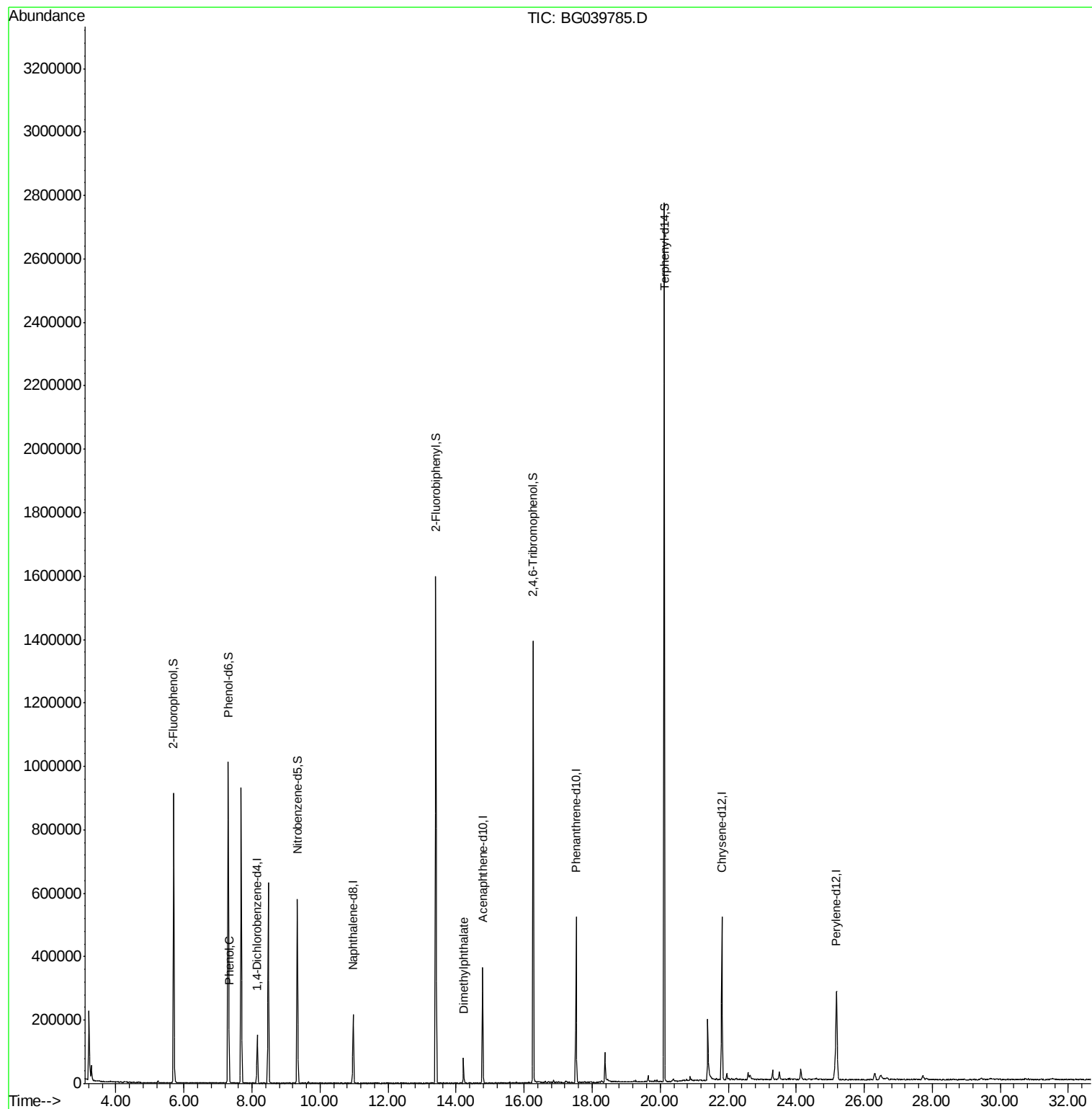
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43011	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	183135	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	128727	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	323480	20.00	ng	0.00
76) Chrysene-d12	21.81	240	324875	20.00	ng	-0.02
87) Perylene-d12	25.18	264	321675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	390354	154.83	ng	0.00
7) Phenol-d6	7.30	99	590606	157.11	ng	-0.01
23) Nitrobenzene-d5	9.33	82	340709	100.62	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	240744	160.45	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	825222	91.28	ng	-0.01
79) Terphenyl-d14	20.12	244	1262236	85.55	ng	0.00
Target Compounds						
10) Phenol	7.33	94	11715	2.877	ng	93
50) Dimethylphthalate	14.22	163	53968	5.014	ng	# 99

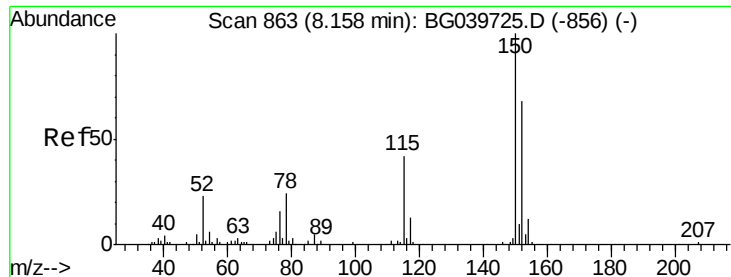
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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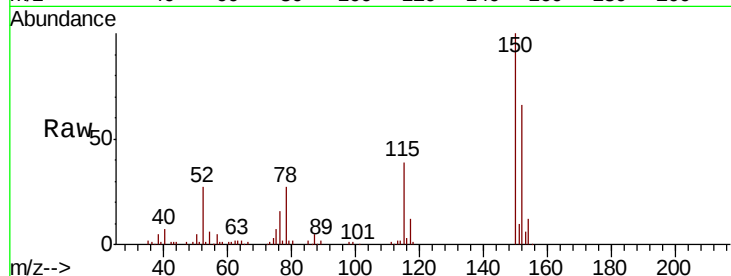


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.7	185.5
115	59.3	45.9	68.9

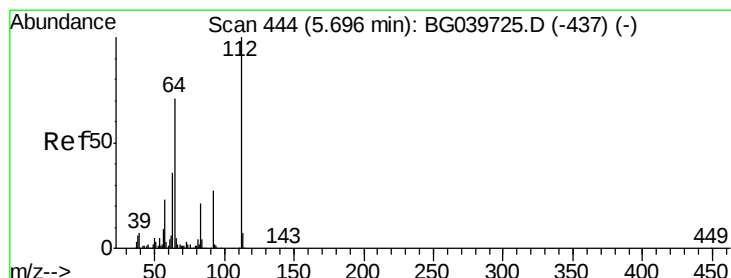
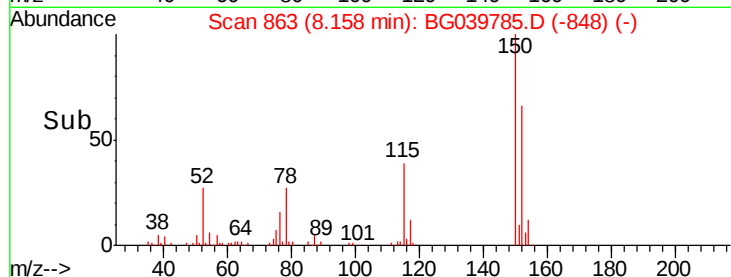
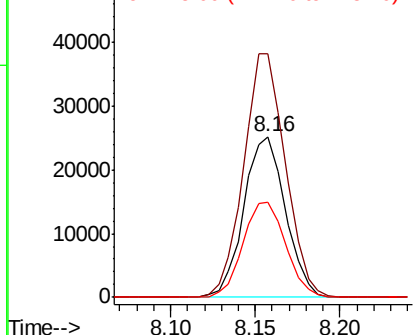


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

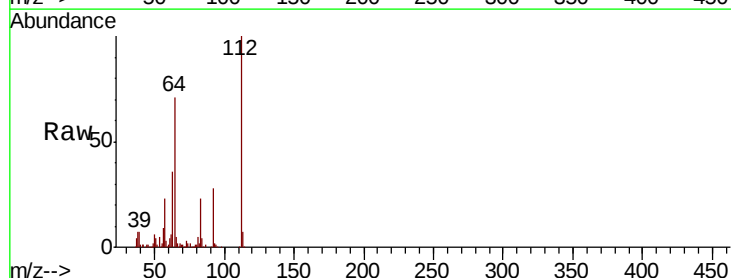
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.832 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.8	86.8
63	36.2	29.8	44.6

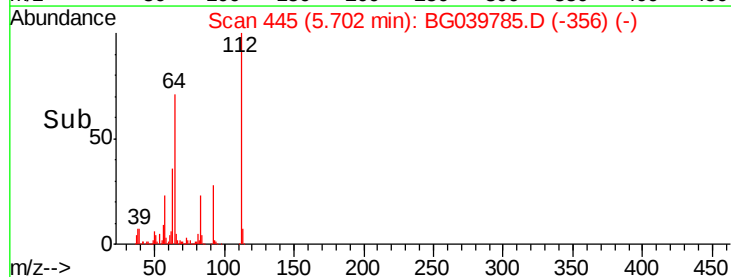
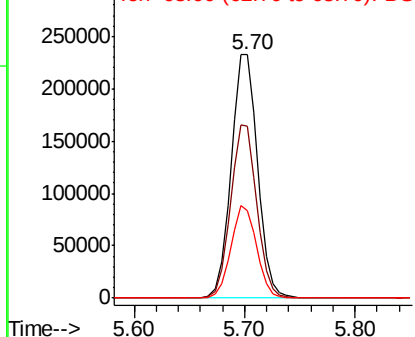


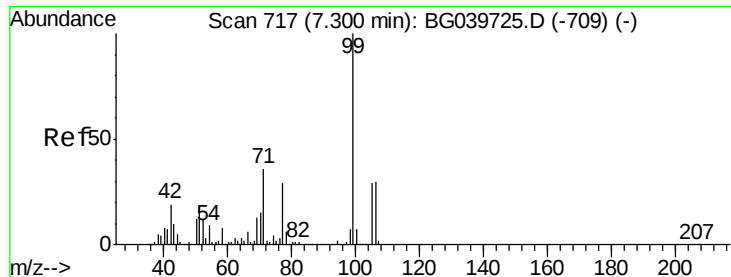
Abundance

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: 157.110 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

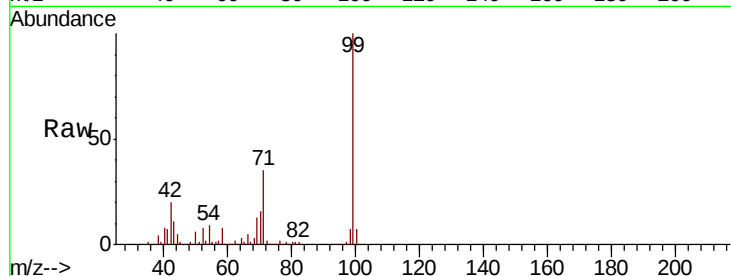
Tot Ion: 99 Resp: 590606

Ion Ratio Lower Upper

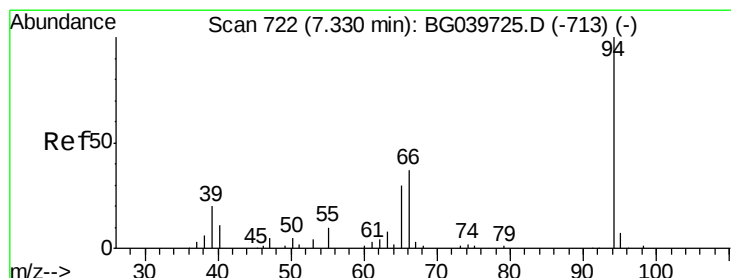
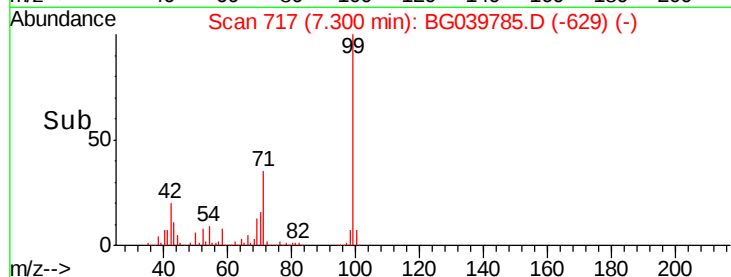
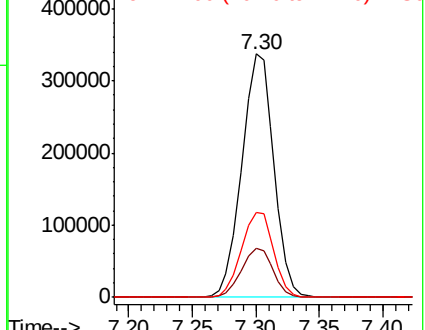
99 100

42 20.3 18.2 27.2

71 34.9 28.0 42.0



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: 2.877 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

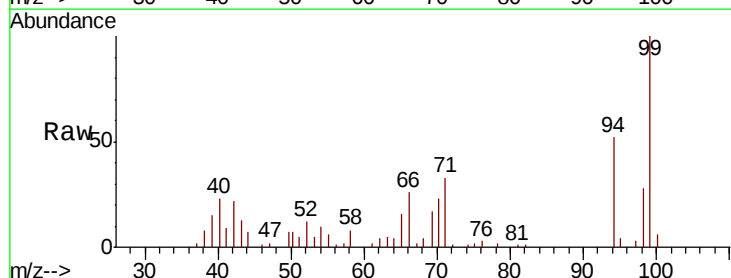
Tgt Ion: 94 Resp: 11715

Ion Ratio Lower Upper

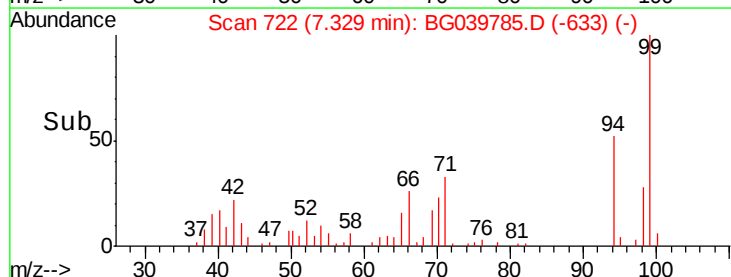
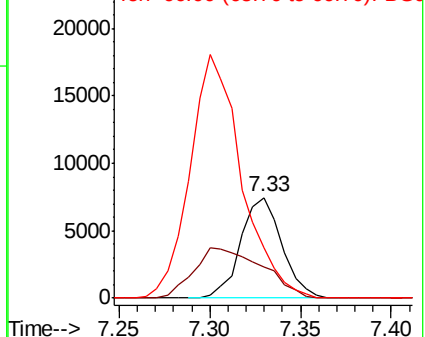
94 100

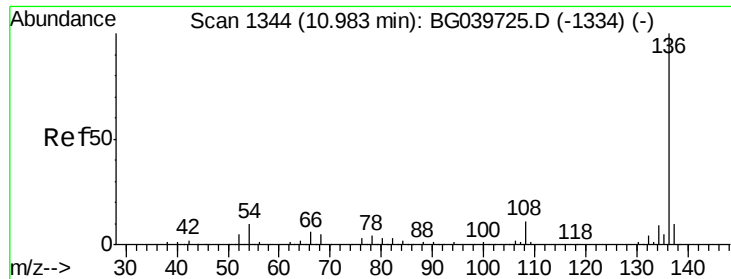
65 30.4 11.7 51.7

66 50.5 23.7 63.7



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

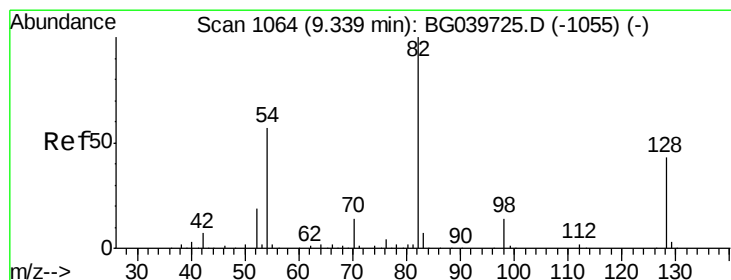
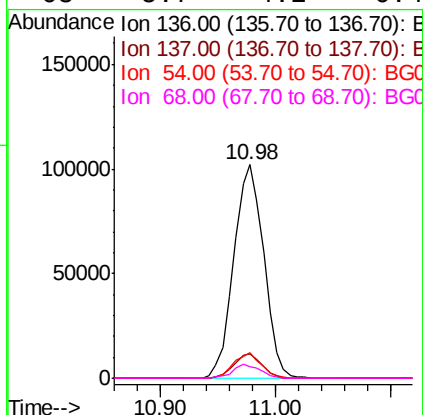
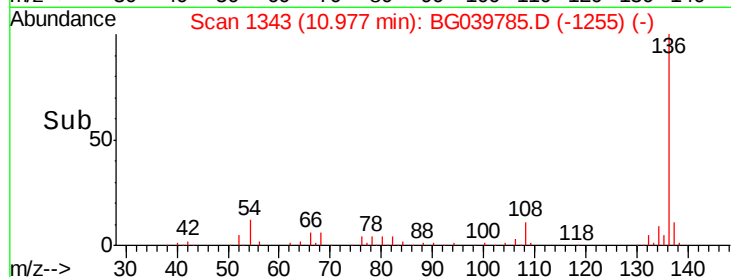
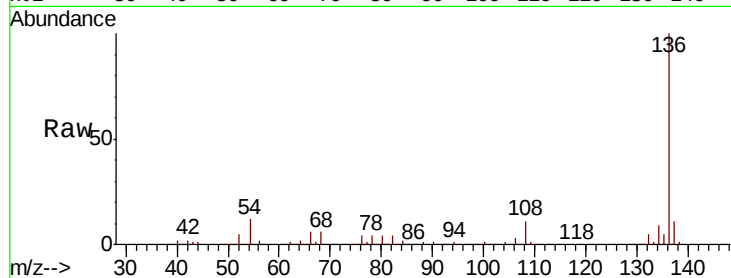




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

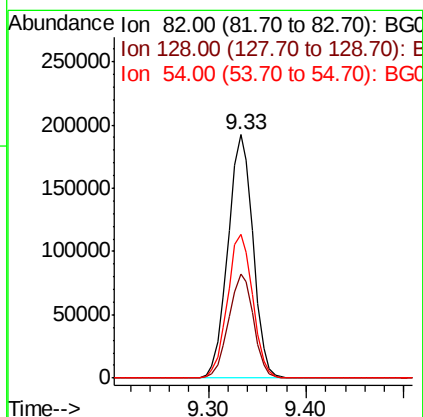
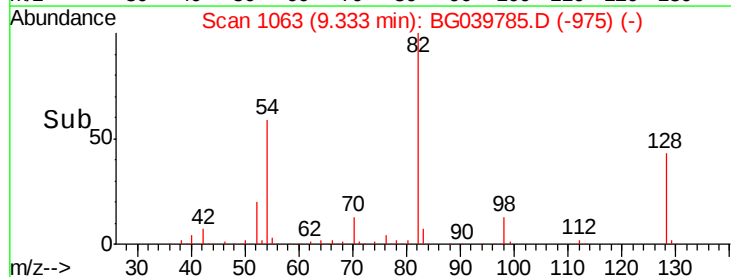
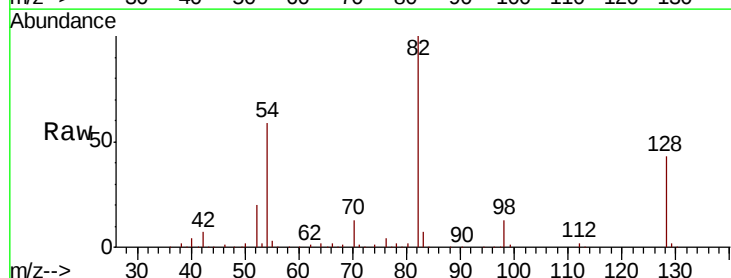
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

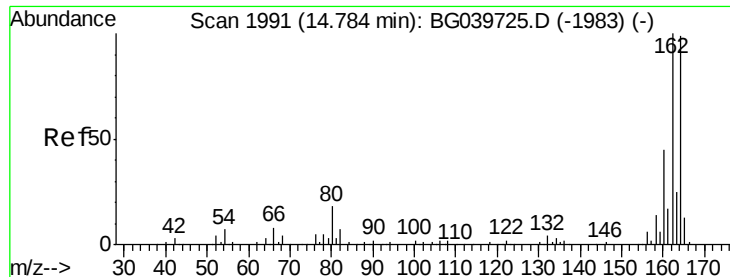
Tot Ion:136	Resp:	183135
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	12.3	9.4 14.2
68	5.7	4.2 6.4



#23
Nitrobenzene-d5
Concen: 100.619 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion: 82	Resp:	340709
Ion Ratio	Lower	Upper
82	100	
128	42.6	31.3 46.9
54	59.3	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

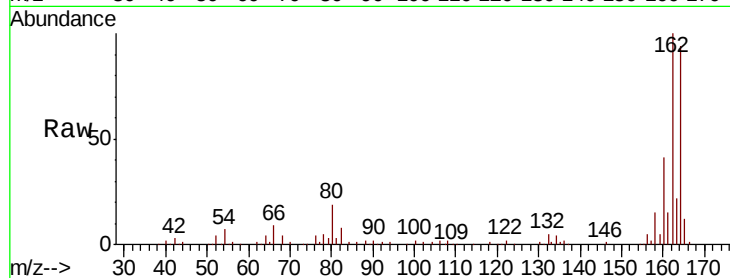
Tot Ion:164 Resp: 128727

Ion Ratio Lower Upper

164 100

162 106.1 81.6 122.4

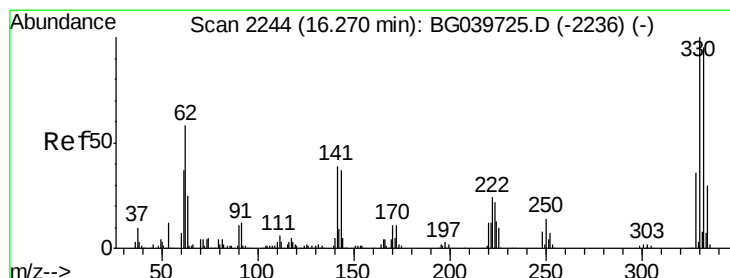
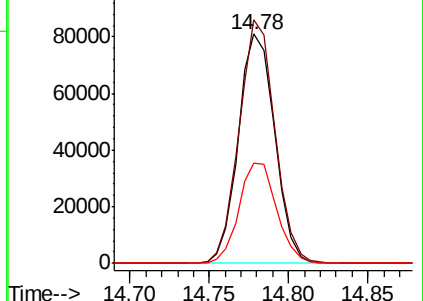
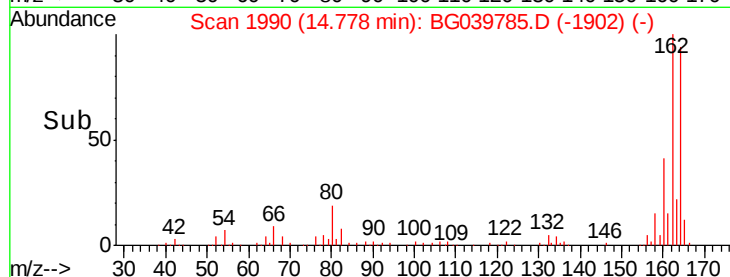
160 43.6 34.2 51.2



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: 160.452 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

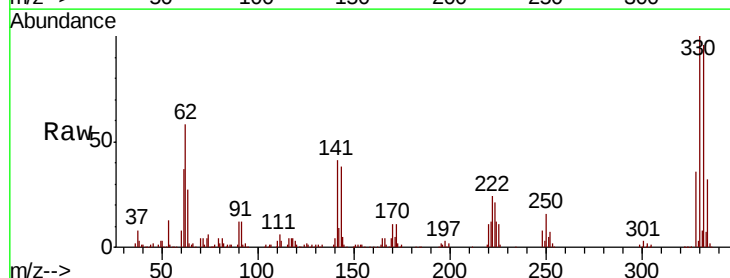
Tgt Ion:330 Resp: 240744

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

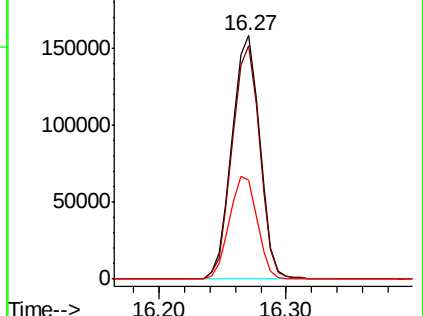
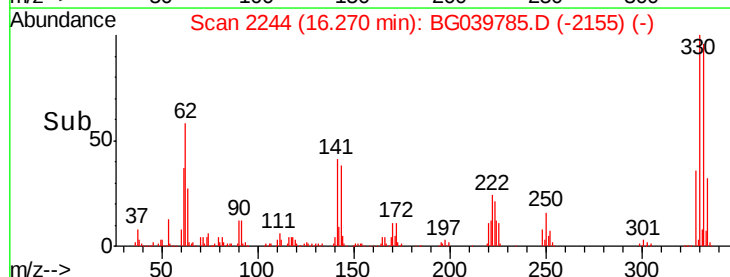
141 42.4 35.6 53.4

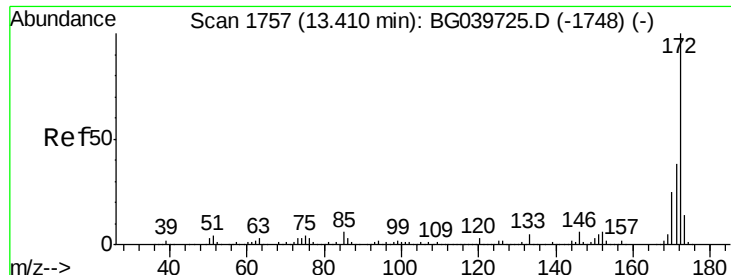


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

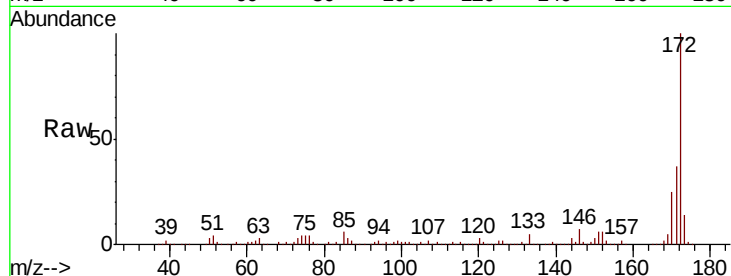




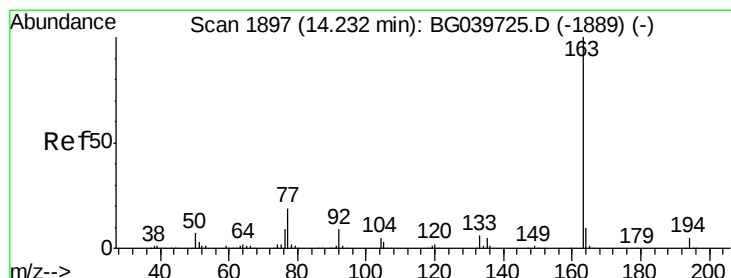
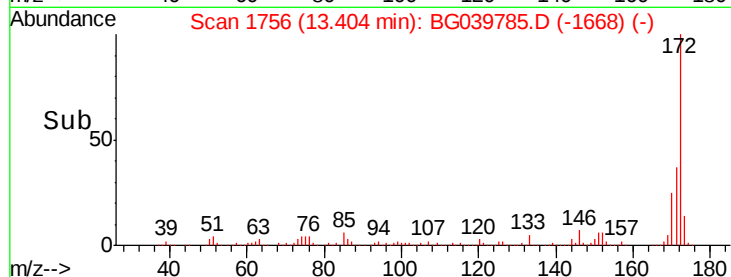
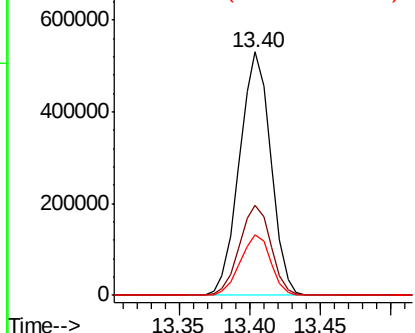
#45
2-Fluorobiphenyl
Concen: 91.277 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tot Ion:172 Resp: 825222
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 25.0 20.2 30.4

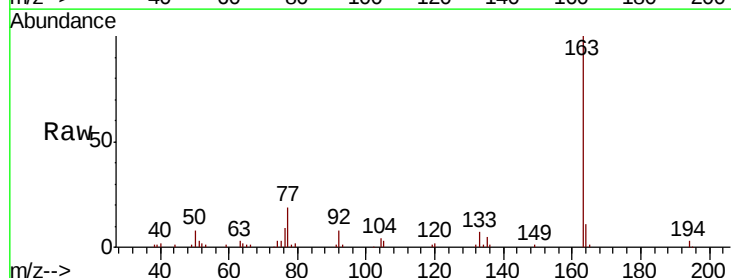


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

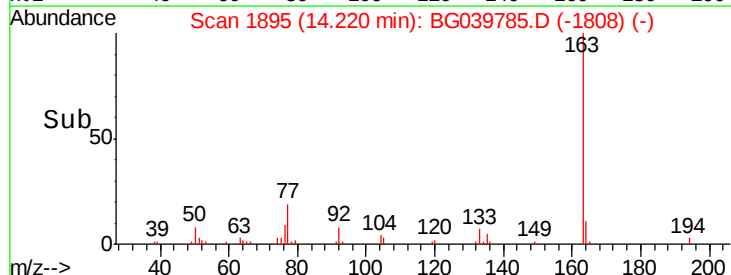
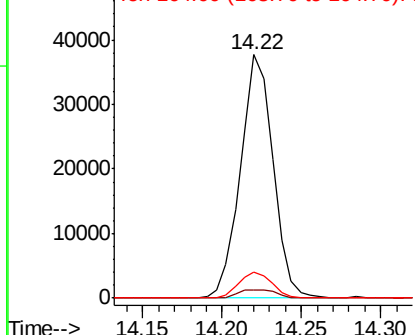


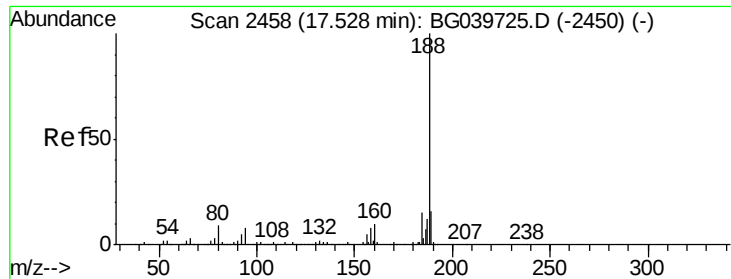
#50
Dimethylphthalate
Concen: 5.014 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:163 Resp: 53968
Ion Ratio Lower Upper
163 100
194 3.4 3.6 5.4#
164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

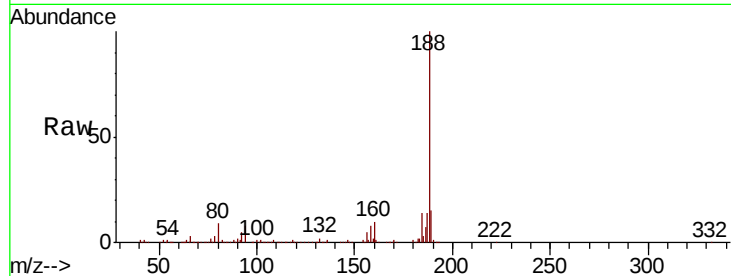
Tot Ion:188 Resp: 323480

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

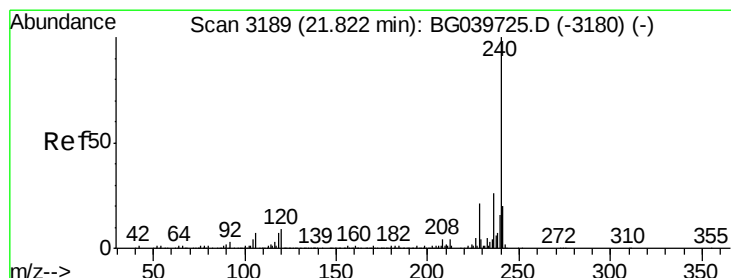
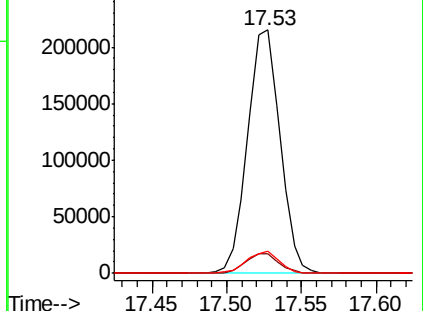
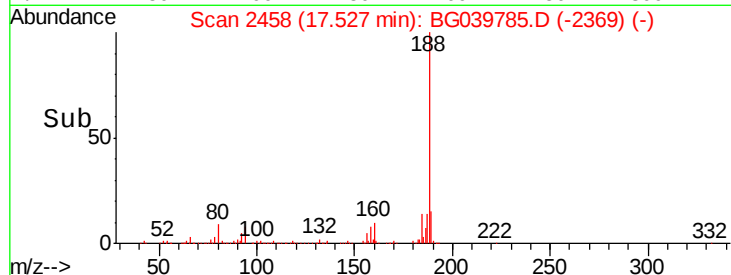
80 9.2 8.1 12.1



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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

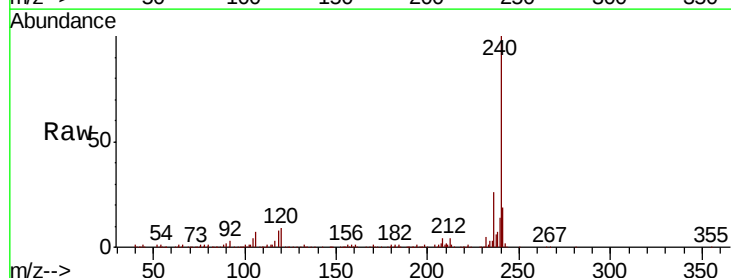
Tgt Ion:240 Resp: 324875

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

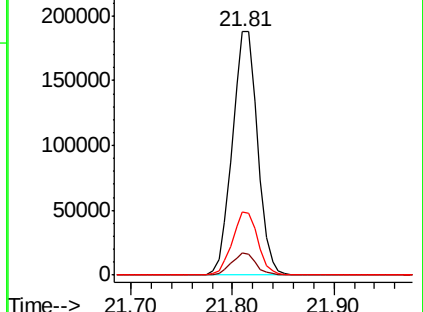
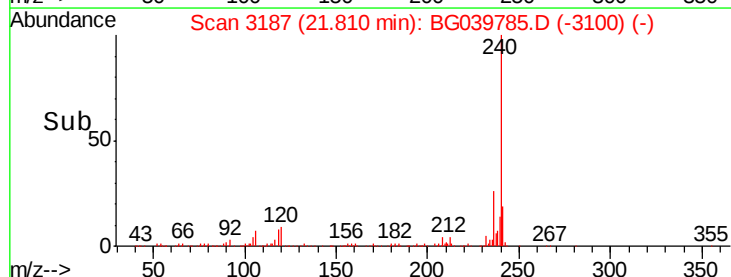
236 26.0 21.0 31.4

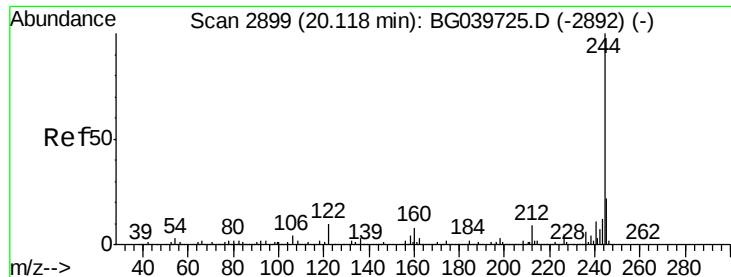


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.547 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

Instrument :

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ClientSampleId :

PST-028-SW063-022719

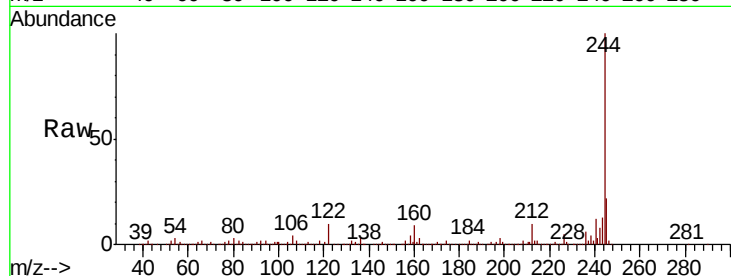
Tot Ion:244 Resp: 1262236

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.1	8.4	12.6

244 100

212 9.6 7.3 10.9

122 10.1 8.4 12.6

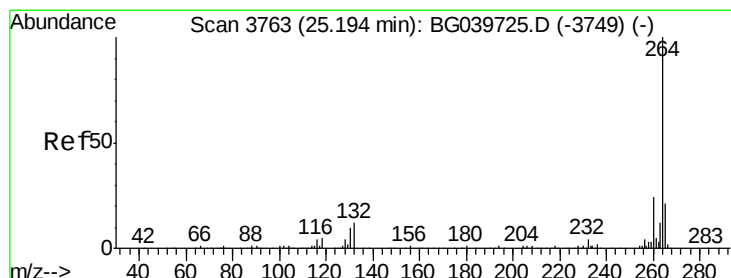
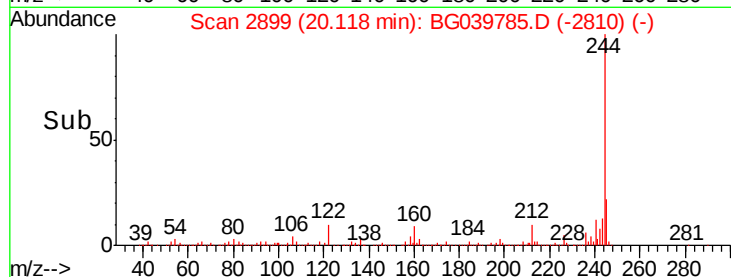
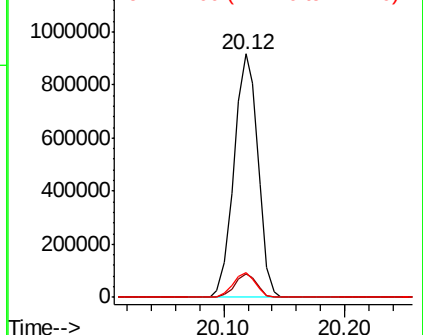


Abundance

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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039785.D

Acq: 6 Mar 2019 13:29

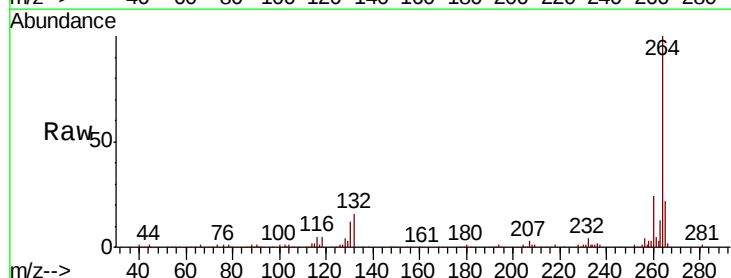
Tgt Ion:264 Resp: 321675

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	22.0	18.5	27.7

264 100

260 24.5 18.2 27.4

265 22.0 18.5 27.7



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

