

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039008.D
 Acq On : 9 Jan 2019 00:26
 Operator : JU/SJ
 Sample : K1072-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWITCH-PIERS

Quant Time: Jan 09 03:29:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

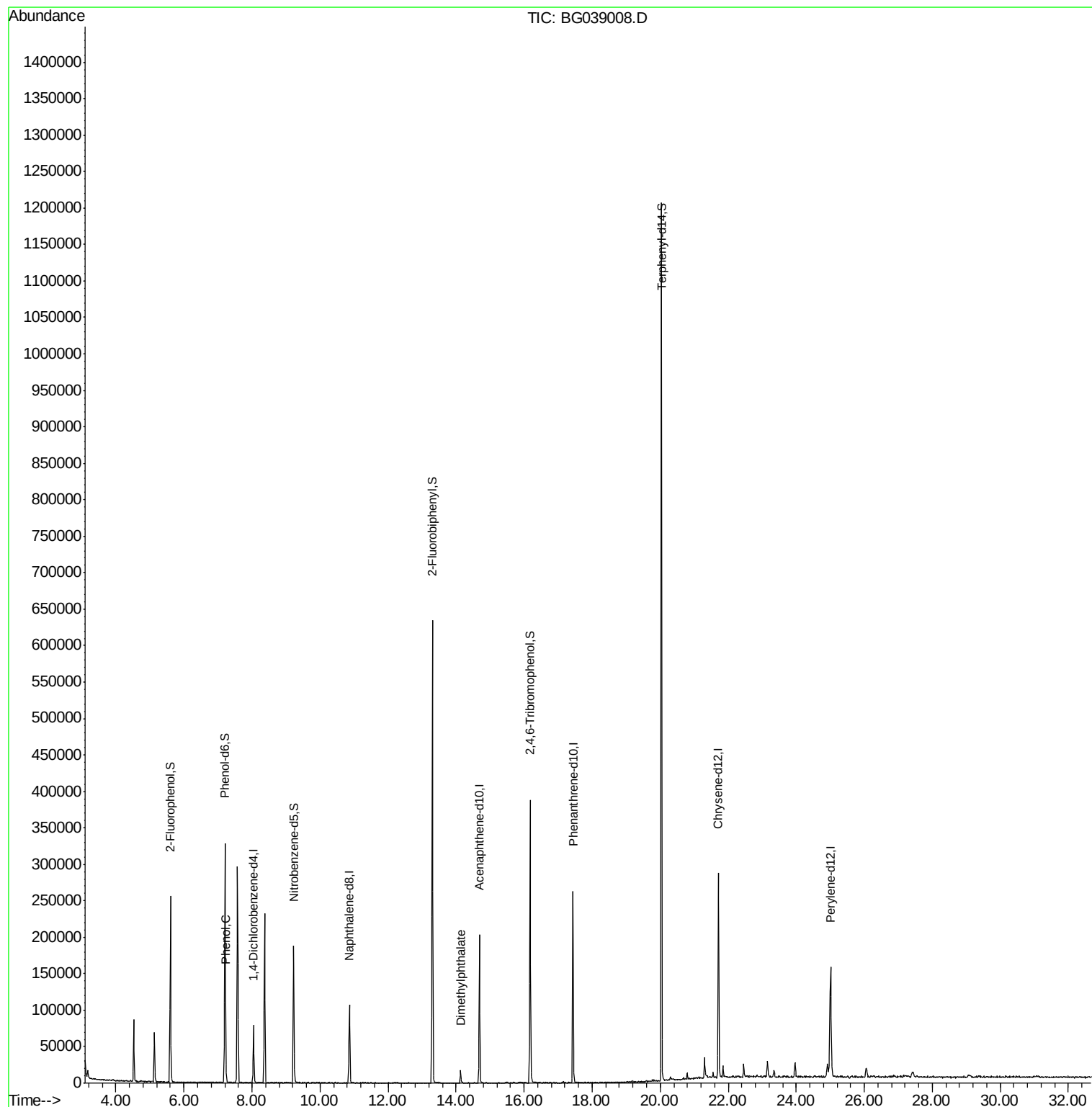
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23114	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	100104	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	74401	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	180453	20.00	ng	0.00
76) Chrysene-d12	21.71	240	181734	20.00	ng	-0.01
87) Perylene-d12	25.00	264	192292	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	121096	92.92	ng	0.00
7) Phenol-d6	7.21	99	194899	108.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	116867	59.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	90615	88.37	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	362172	66.78	ng	-0.01
79) Terphenyl-d14	20.04	244	649429	77.77	ng	0.00
Target Compounds						
10) Phenol	7.23	94	4360	2.294	ng	83
50) Dimethylphthalate	14.13	163	15614	2.570	ng	97

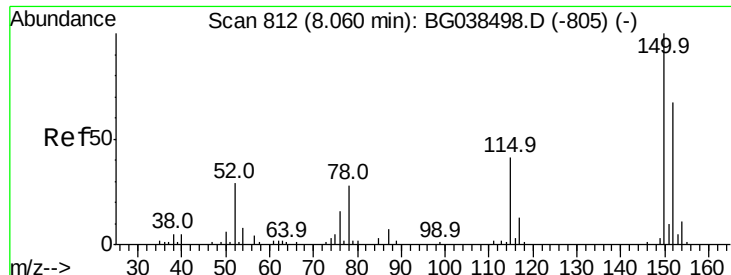
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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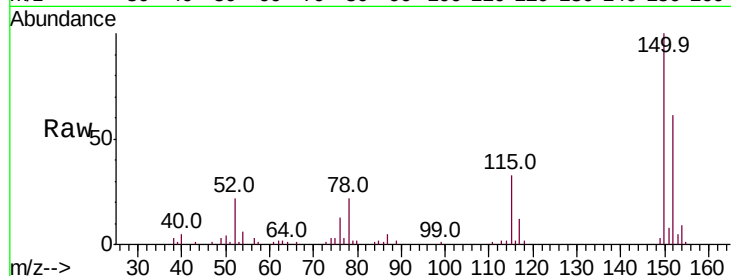


#1

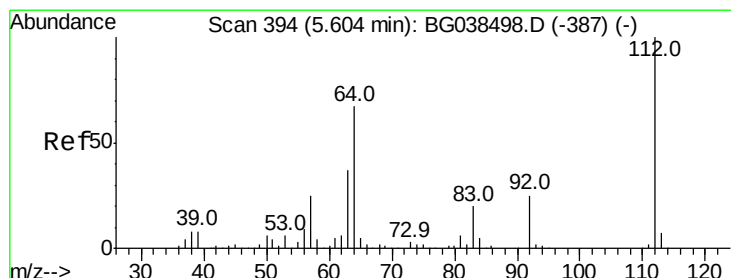
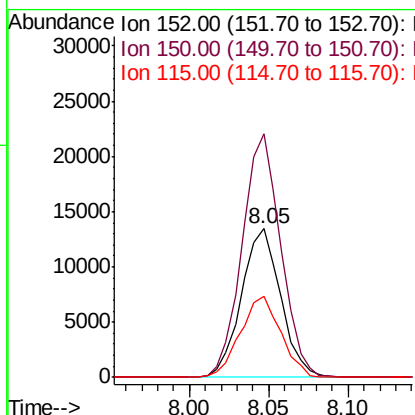
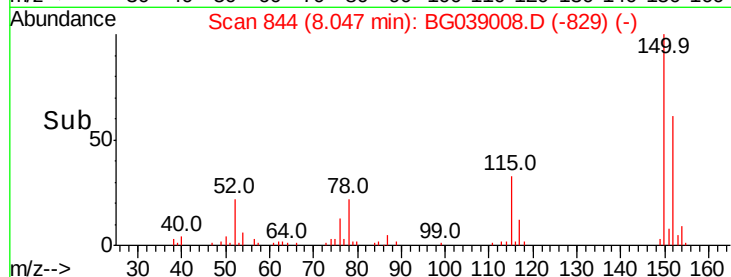
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tot Ion:152 Resp: 23114
Ion Ratio Lower Upper
152 100
150 164.1 119.5 179.3
115 54.9 49.6 74.4



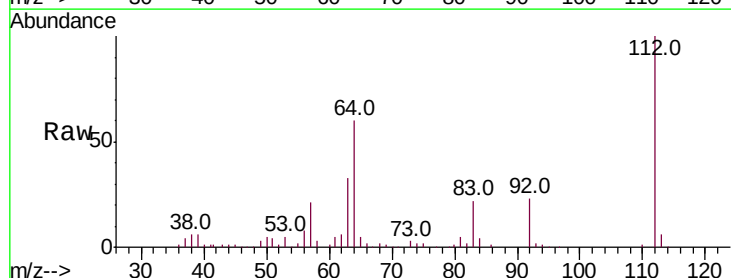
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



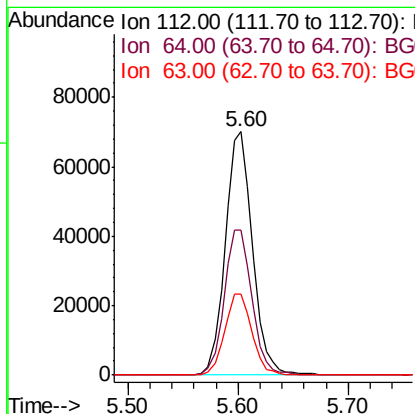
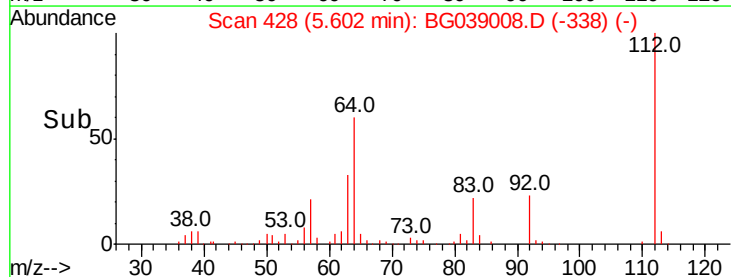
#5

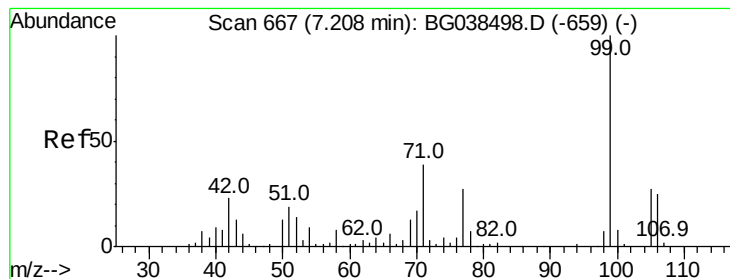
2-Fluorophenol
Concen: 92.923 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:112 Resp: 121096
Ion Ratio Lower Upper
112 100
64 59.6 53.4 80.2
63 33.3 29.3 43.9



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: 108.942 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Instrument :

BNA_G

ClientSampleId :

SWITCH-PIERS

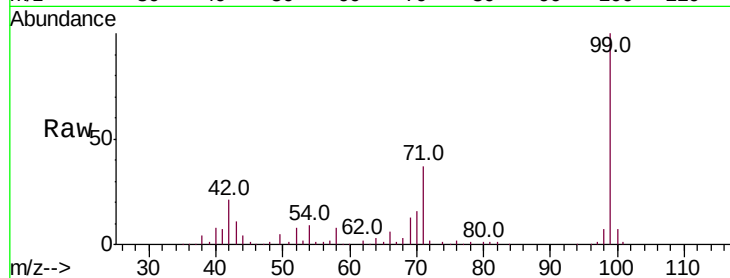
Tot Ion: 99 Resp: 194899

Ion Ratio Lower Upper

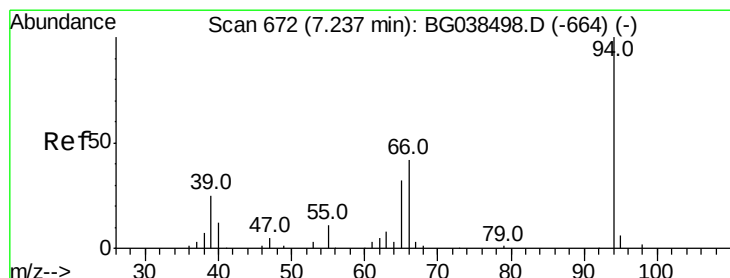
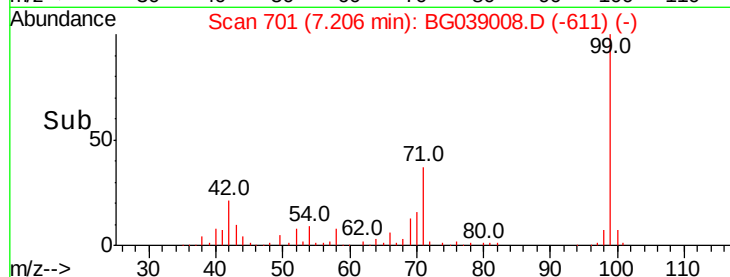
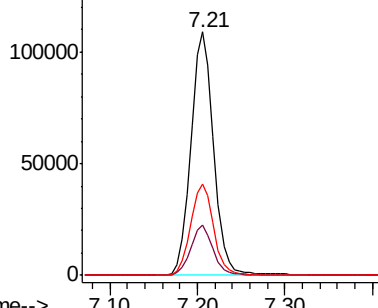
99 100

42 20.6 18.5 27.7

71 37.3 31.1 46.7



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: 2.294 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

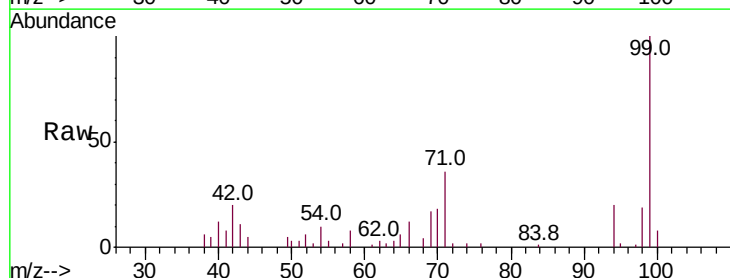
Tgt Ion: 94 Resp: 4360

Ion Ratio Lower Upper

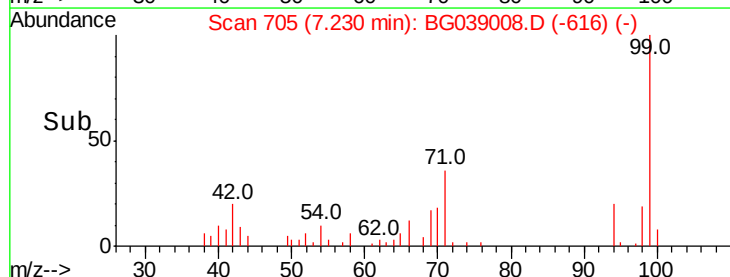
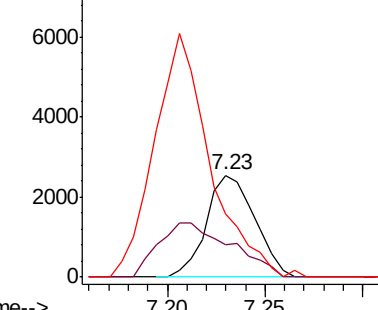
94 100

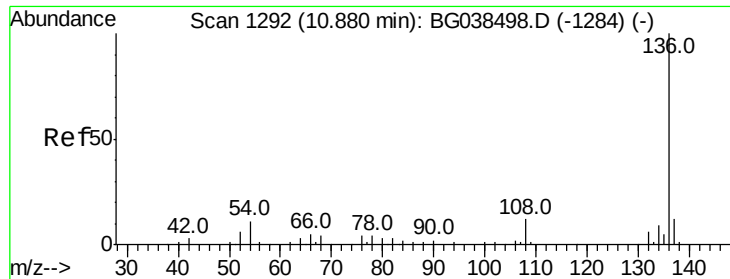
65 31.5 12.6 52.6

66 62.1 24.1 64.1



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

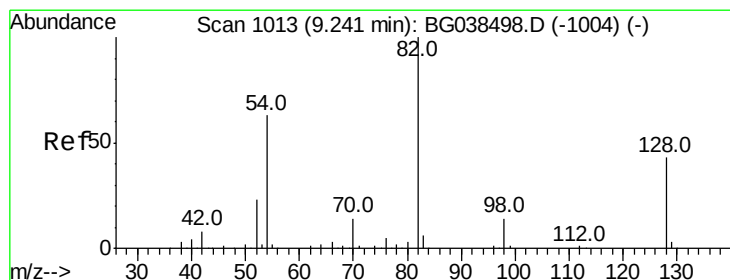
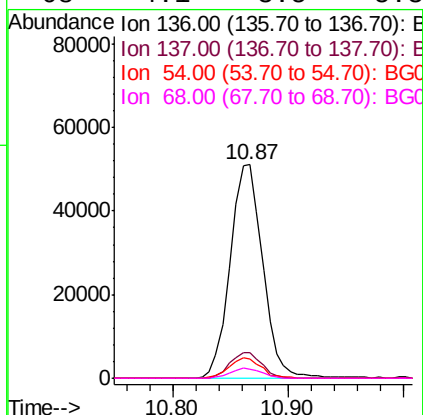
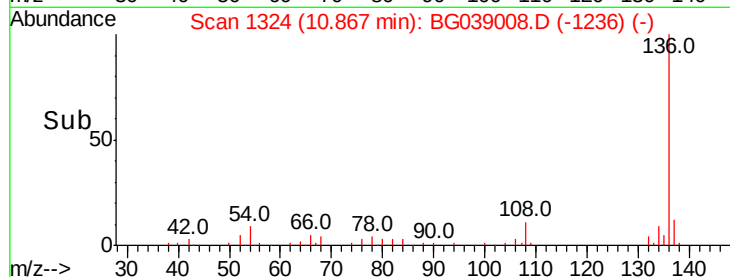
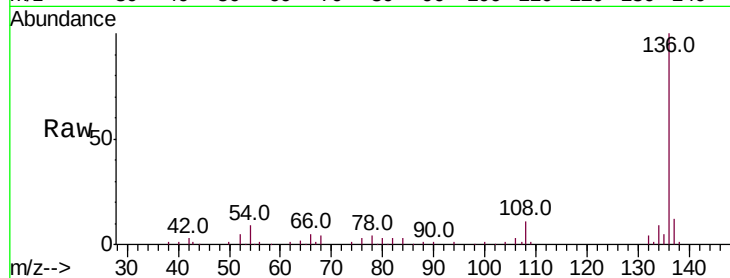




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

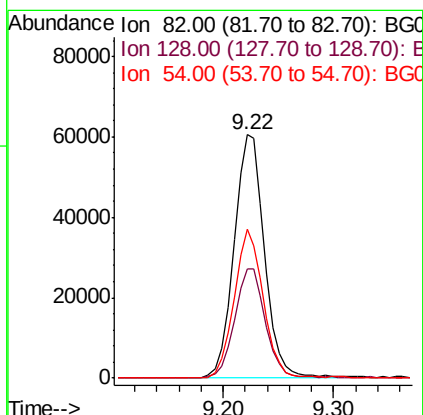
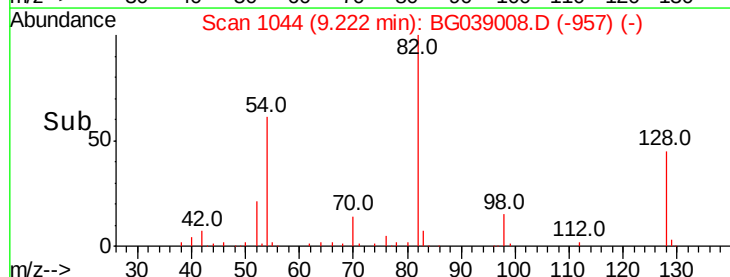
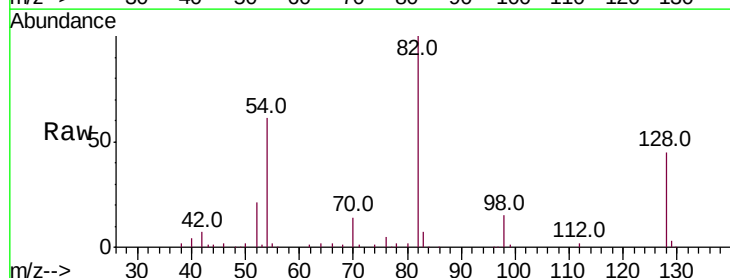
Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

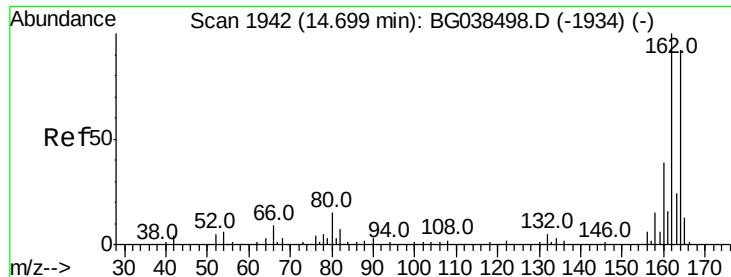
Tot Ion:136	Resp:	100104
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.3 13.9
54	9.0	8.5 12.7
68	4.1	3.5 5.3



#23
Nitrobenzene-d5
Concen: 59.642 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion: 82	Resp:	116867
Ion	Ratio	Lower Upper
82	100	
128	45.0	34.6 52.0
54	61.0	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Instrument :

BNA_G

ClientSampleId :

SWITCH-PIERS

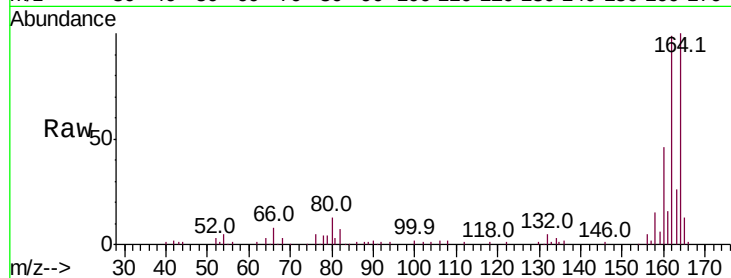
Tot Ion:164 Resp: 74401

Ion Ratio Lower Upper

164 100

162 99.1 86.6 130.0

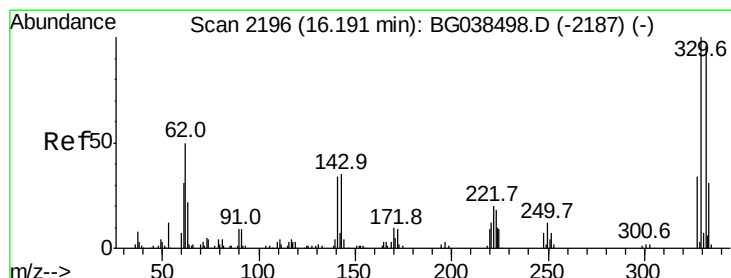
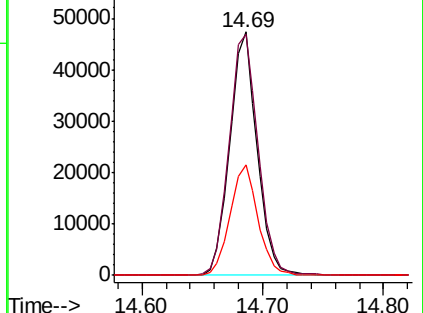
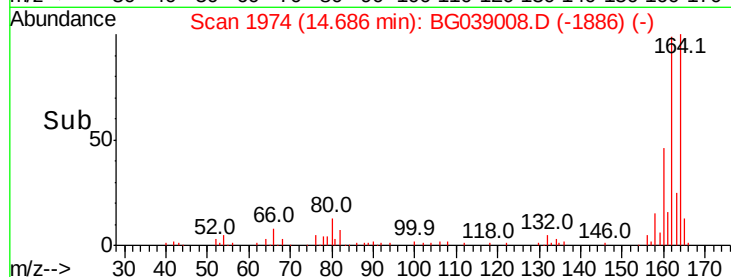
160 45.6 34.2 51.2



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: 88.372 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

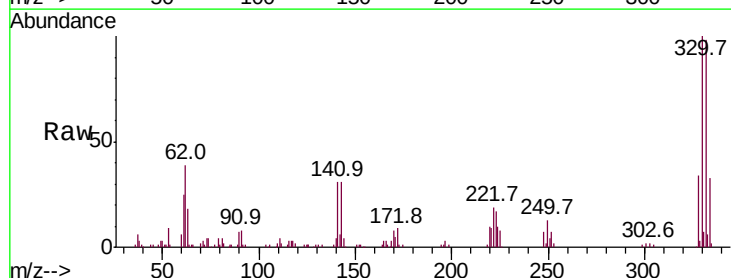
Tgt Ion:330 Resp: 90615

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

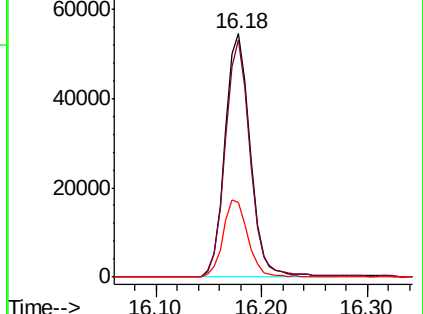
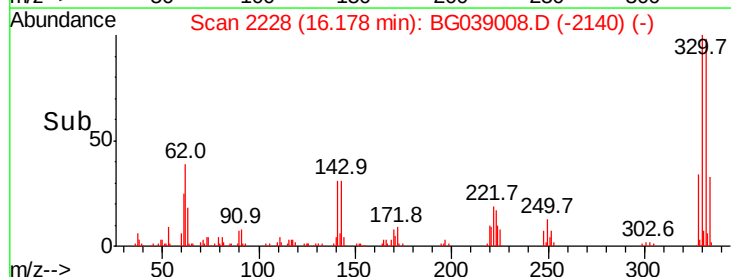
141 31.2 28.8 43.2

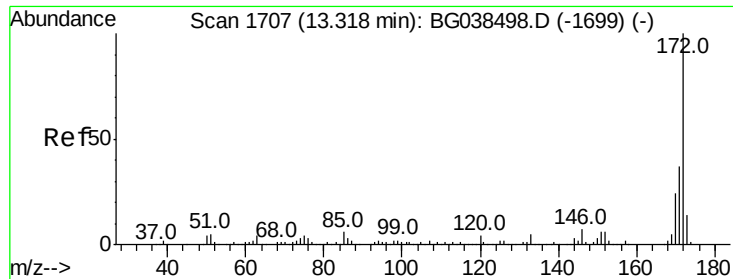


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

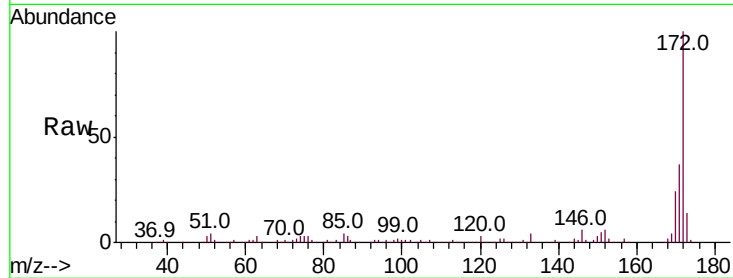




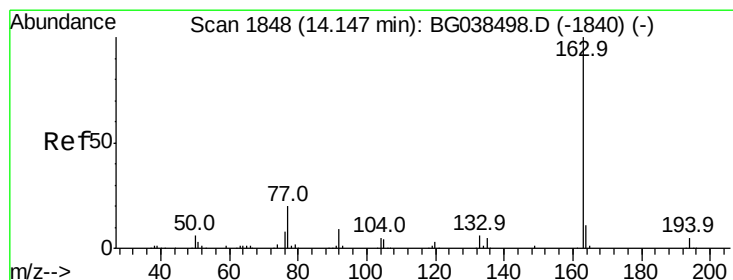
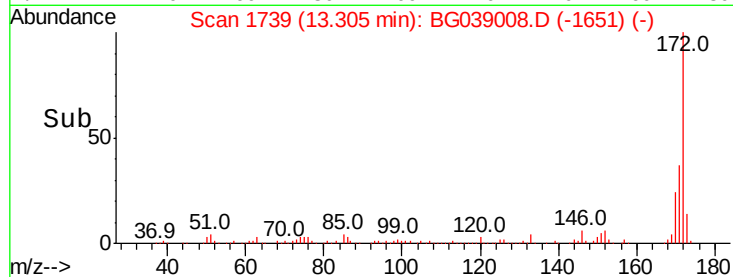
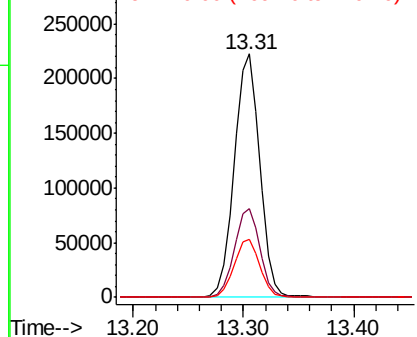
#45
2-Fluorobiphenyl
Concen: 66.779 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tot Ion:172 Resp: 362172
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.0 19.5 29.3

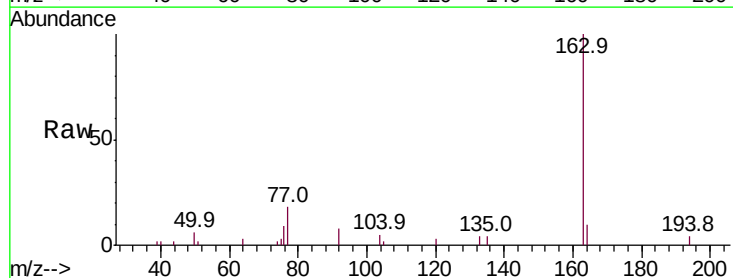


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

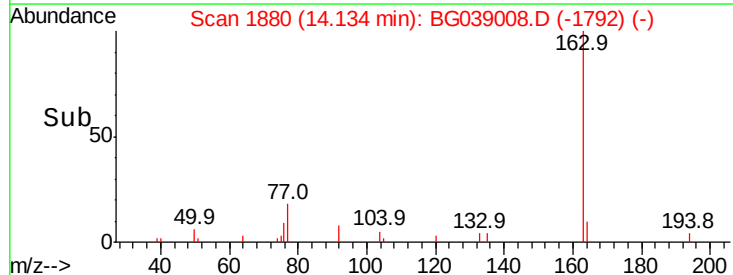
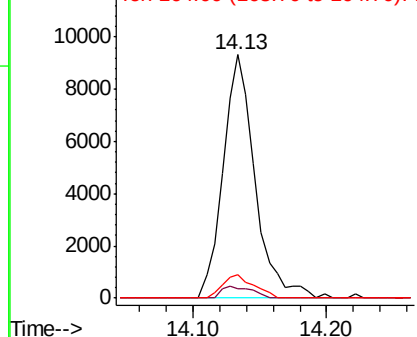


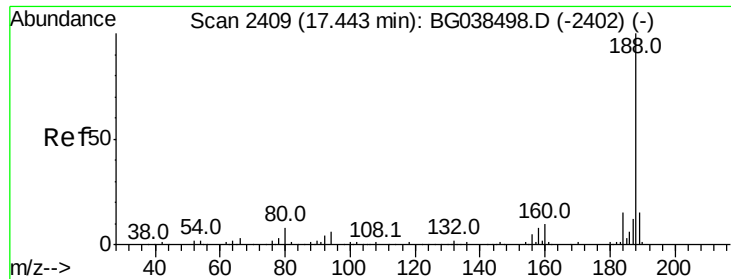
#50
Dimethylphthalate
Concen: 2.570 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:163 Resp: 15614
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 9.6 8.6 12.8



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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Instrument :

BNA_G

ClientSampleId :

SWITCH-PIERS

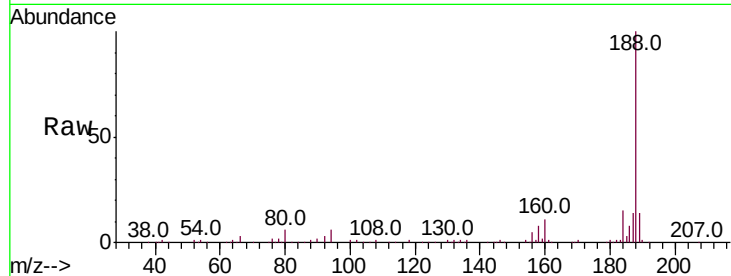
Tot Ion:188 Resp: 180453

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

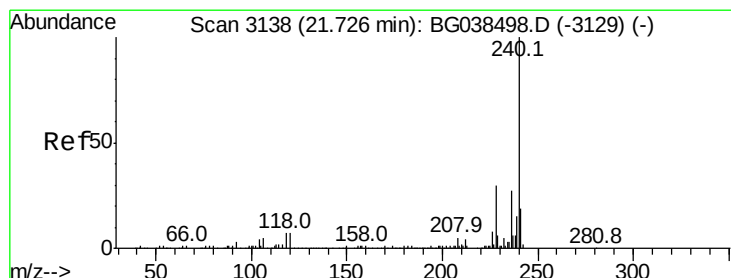
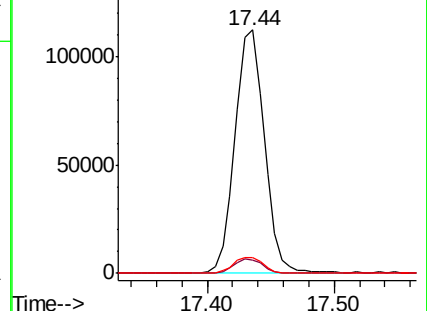
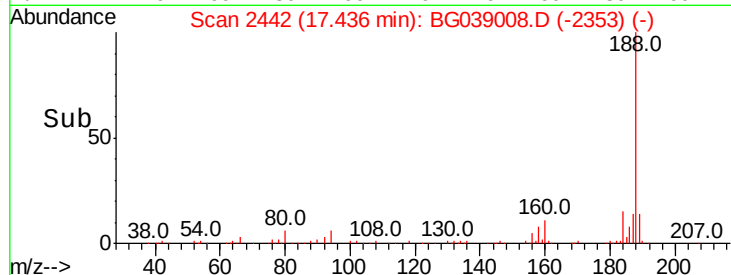
80 6.5 6.1 9.1



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

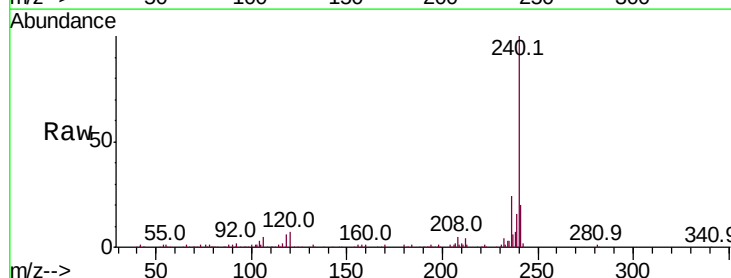
Tgt Ion:240 Resp: 181734

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

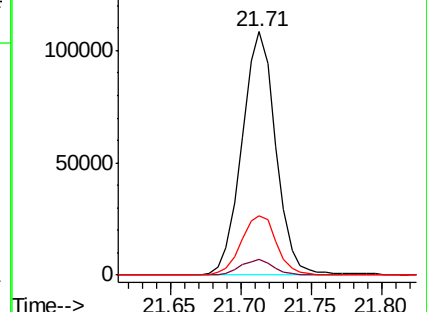
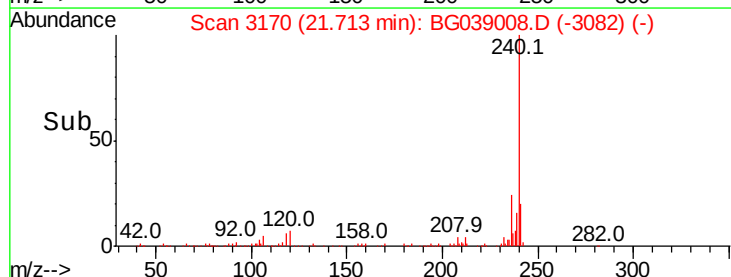
236 24.4 21.4 32.2

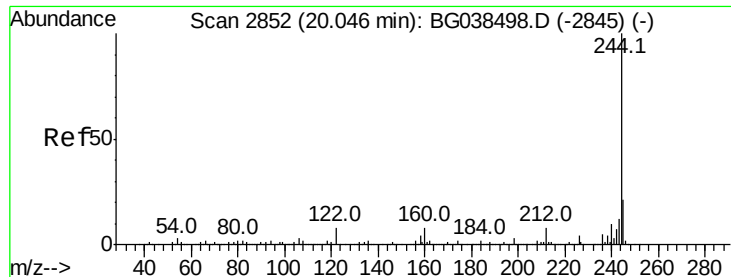


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.772 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Instrument :

BNA_G

ClientSampleId :

SWITCH-PIERS

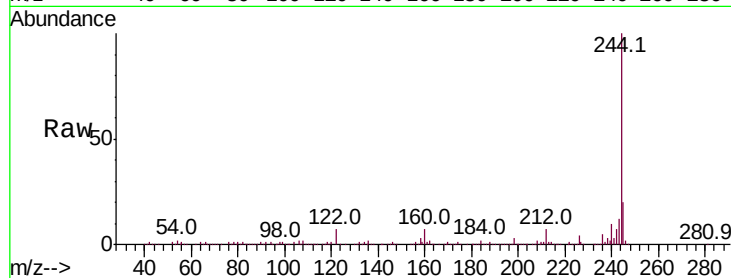
Tot Ion:244 Resp: 649429

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

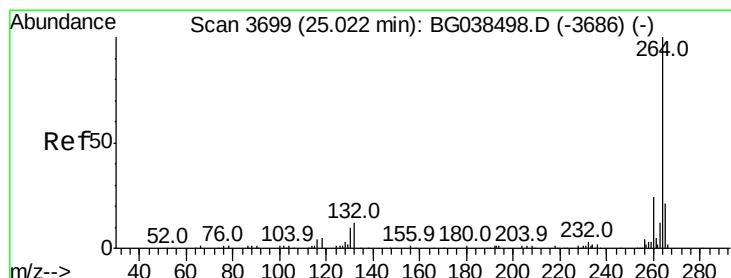
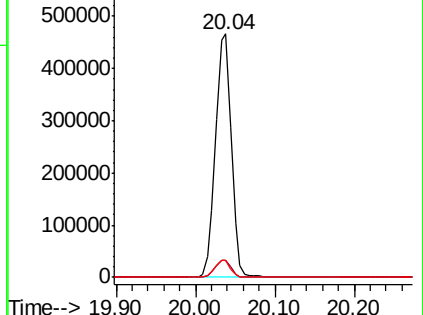
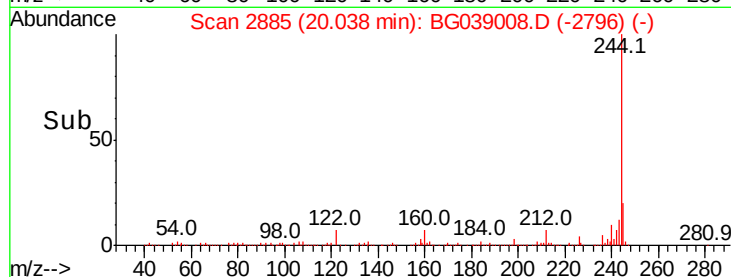
122 6.9 6.3 9.5



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

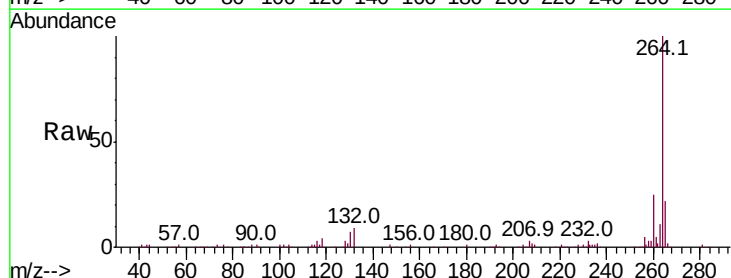
Tgt Ion:264 Resp: 192292

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 22.0 17.0 25.4



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

