

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039670.D
 Acq On : 28 Feb 2019 21:35
 Operator : JU/SJ
 Sample : K1628-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C5-2-0.5-1.0

Quant Time: Mar 01 06:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

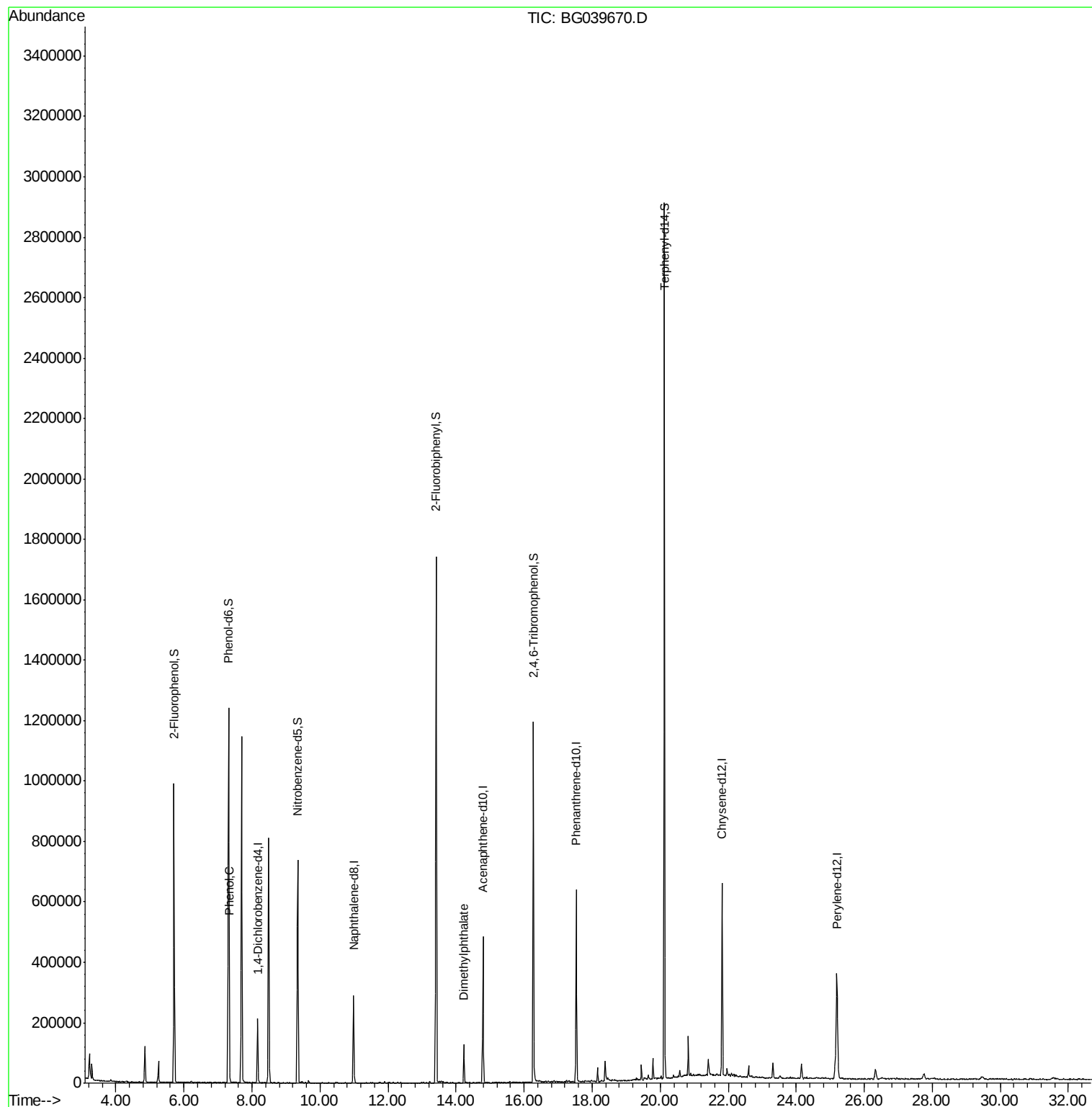
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	57434	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	251728	20.00	ng	-0.03
39) Acenaphthene-d10	14.79	164	169869	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	407208	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	406408	20.00	ng	-0.03
87) Perylene-d12	25.19	264	411115	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	416103	124.00	ng	0.00
7) Phenol-d6	7.31	99	724803	146.73	ng	0.00
23) Nitrobenzene-d5	9.34	82	436570	108.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	212085	115.94	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	948965	80.14	ng	-0.02
79) Terphenyl-d14	20.12	244	1367440	71.22	ng	-0.03
Target Compounds						
10) Phenol	7.34	94	12675	2.462	ng	81
50) Dimethylphthalate	14.23	163	89577	6.529	ng	98

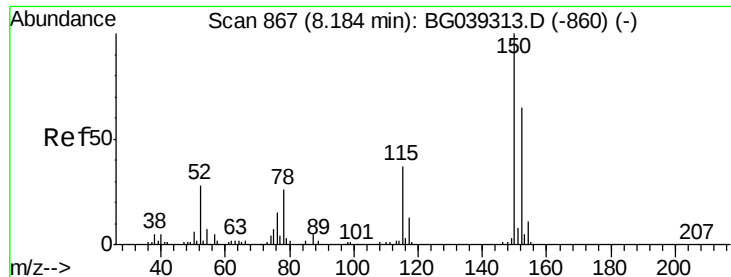
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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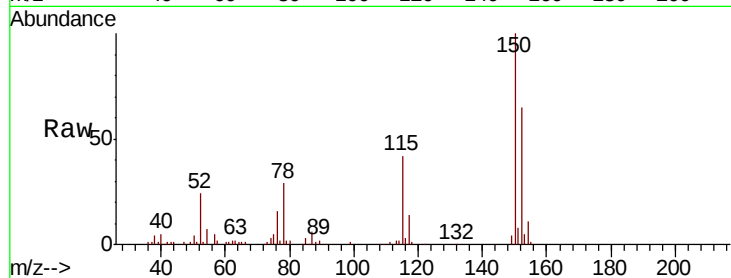


#1

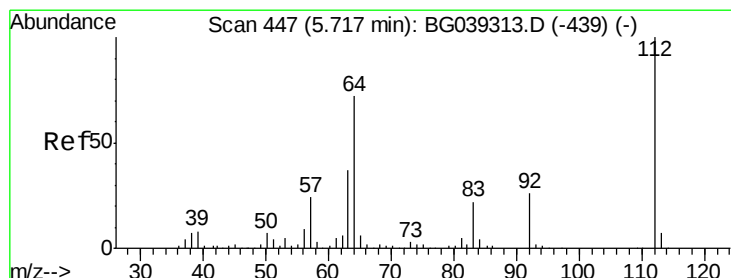
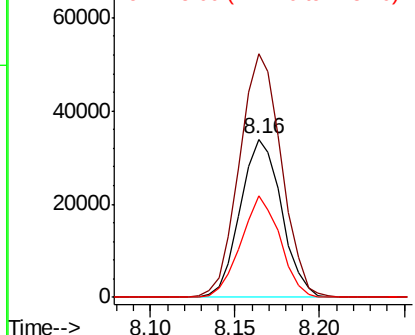
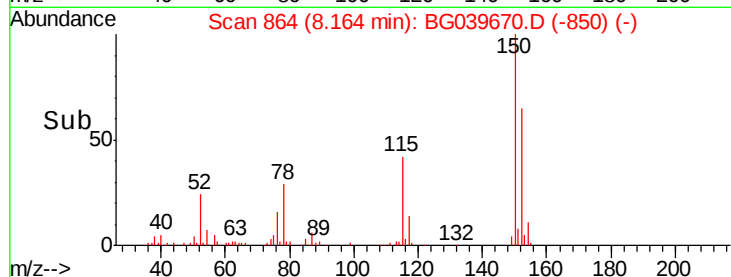
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tot Ion:152 Resp: 57434
Ion Ratio Lower Upper
152 100
150 154.1 123.7 185.5
115 64.3 45.9 68.9



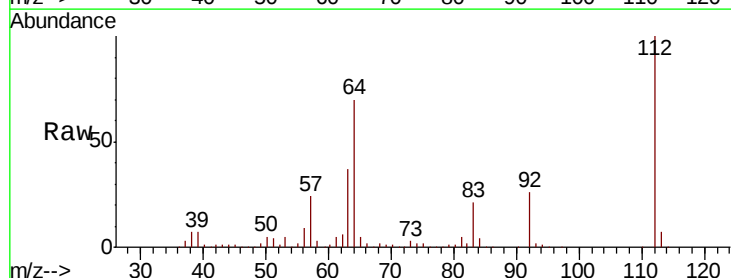
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



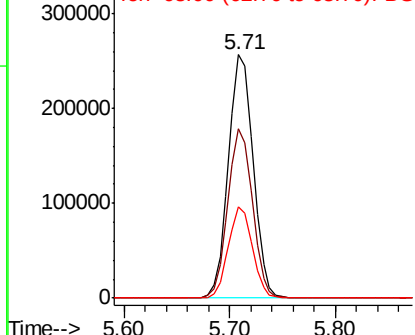
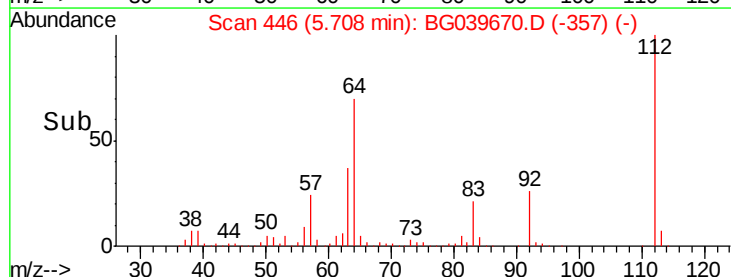
#5

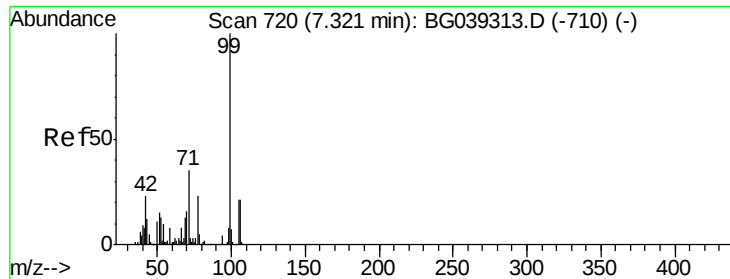
2-Fluorophenol
Concen: 123.997 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion:112 Resp: 416103
Ion Ratio Lower Upper
112 100
64 69.6 57.8 86.8
63 37.4 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 146.734 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

Instrument :

BNA_G

ClientSampleId :

A0C5-2-0.5-1.0

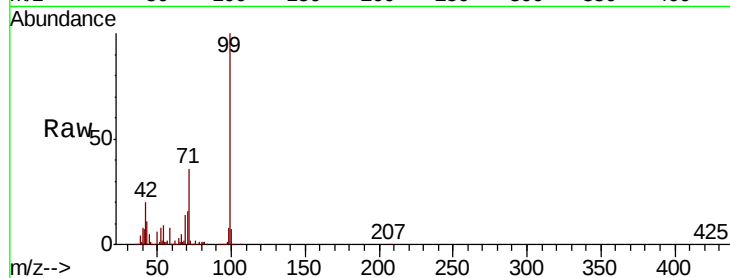
Tot Ion: 99 Resp: 724803

Ion Ratio Lower Upper

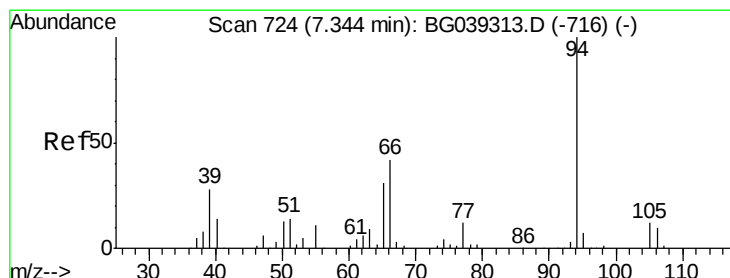
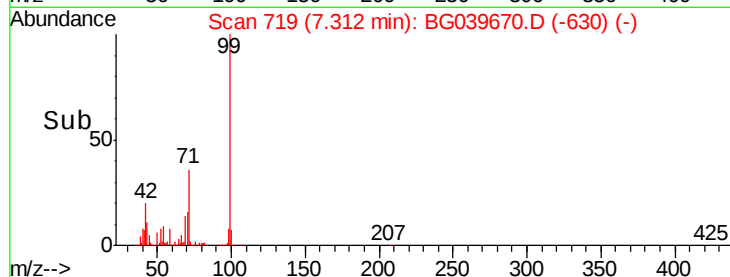
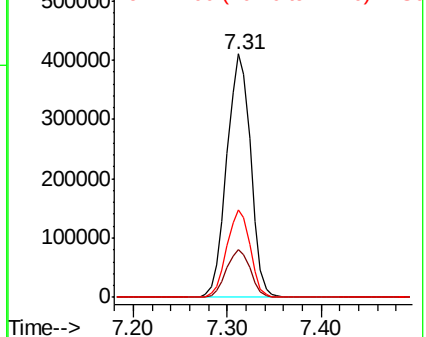
99 100

42 19.8 18.2 27.2

71 36.1 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: 2.462 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

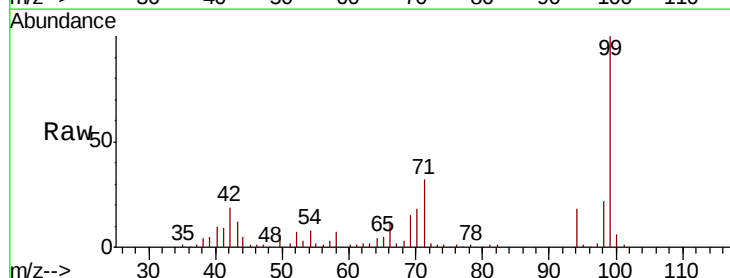
Tgt Ion: 94 Resp: 12675

Ion Ratio Lower Upper

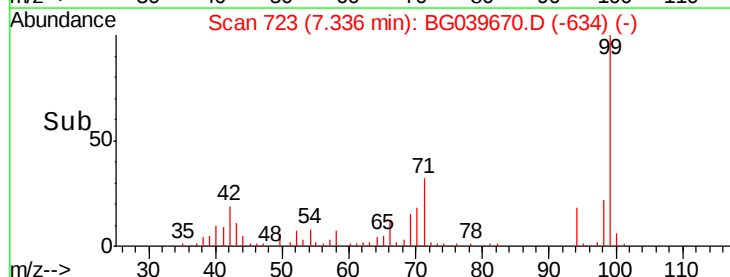
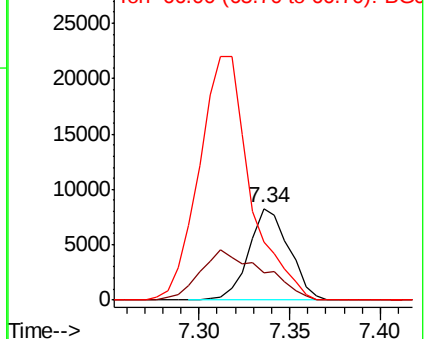
94 100

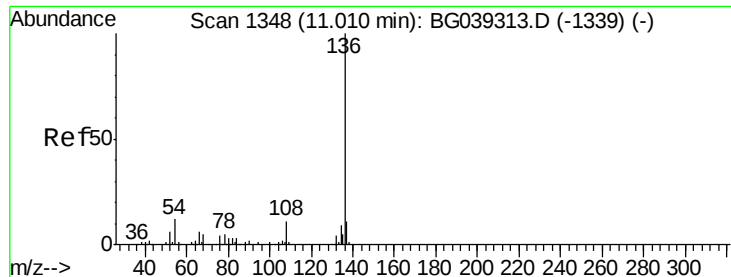
65 29.7 11.7 51.7

66 63.6 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

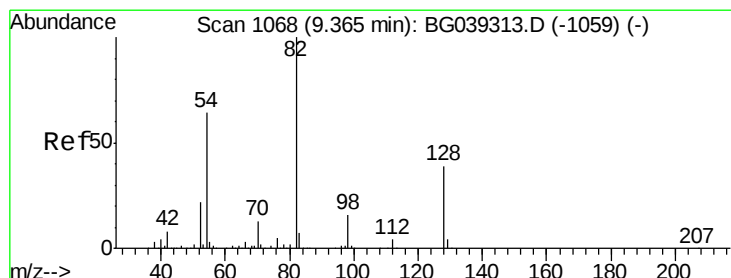
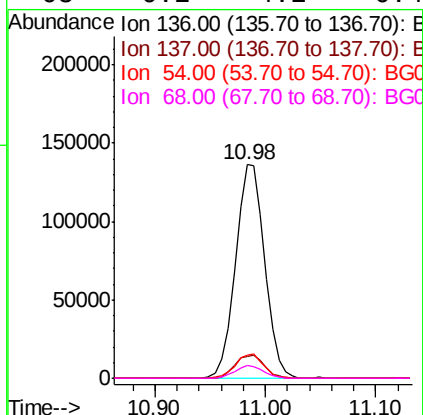
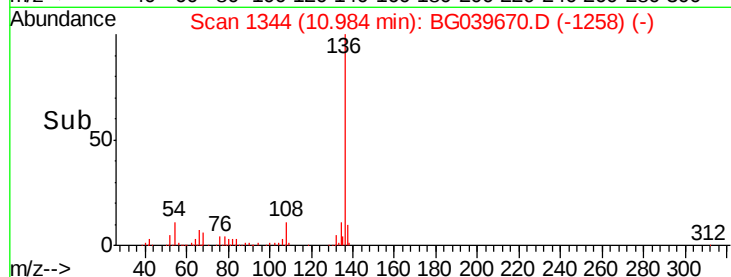
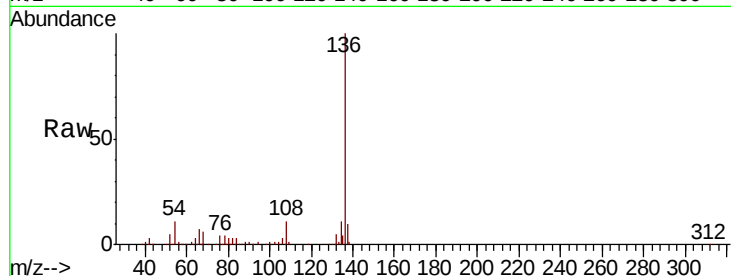




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

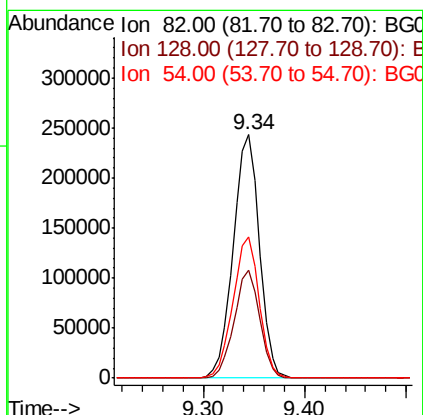
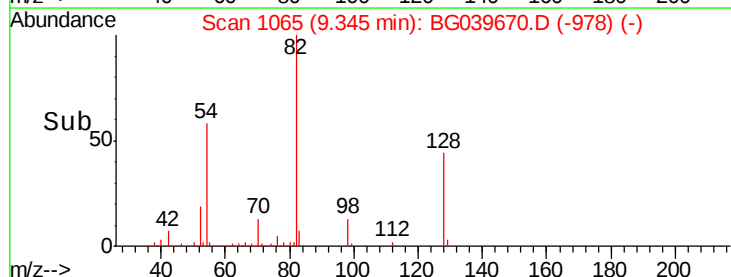
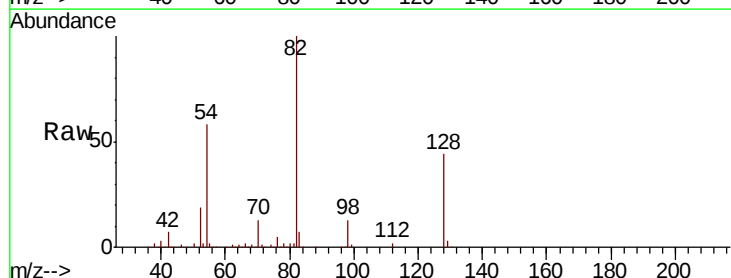
Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

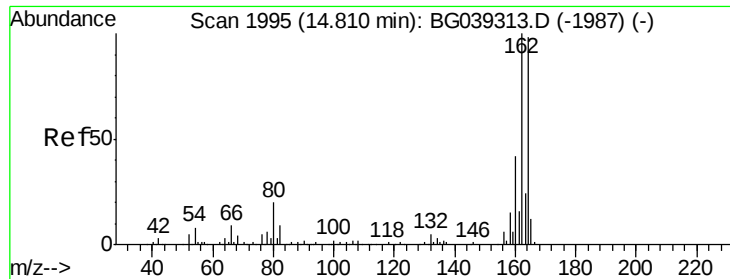
Tot Ion:136	Resp:	251728
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.1 13.7
54	10.6	9.4 14.2
68	6.2	4.2 6.4



#23
Nitrobenzene-d5
Concen: 108.344 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion: 82	Resp:	436570
Ion	Ratio	Lower Upper
82	100	
128	44.3	31.3 46.9
54	58.0	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

Instrument :

BNA_G

ClientSampleId :

A0C5-2-0.5-1.0

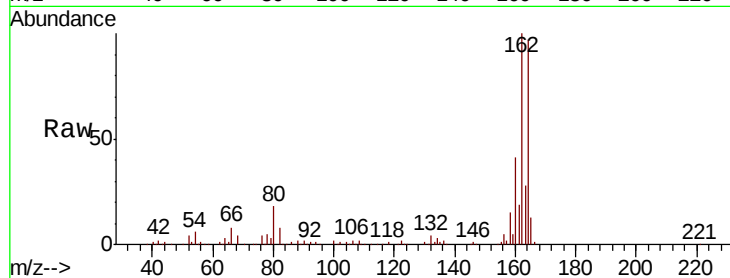
Tot Ion:164 Resp: 169869

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

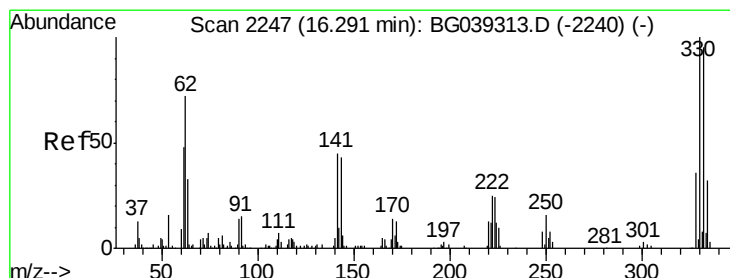
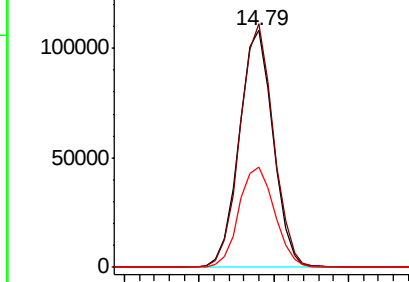
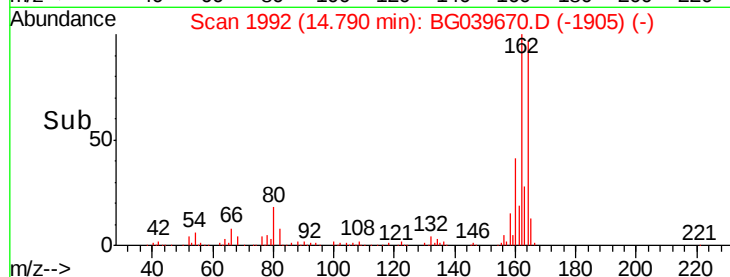
160 42.4 34.2 51.2



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: 115.944 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

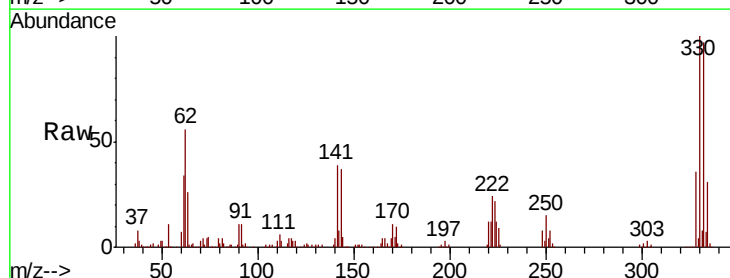
Tgt Ion:330 Resp: 212085

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

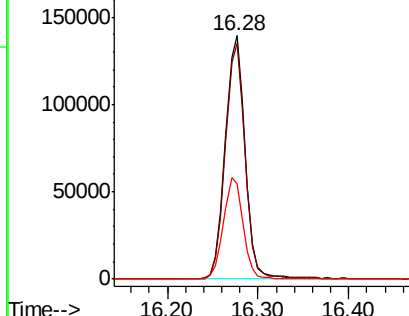
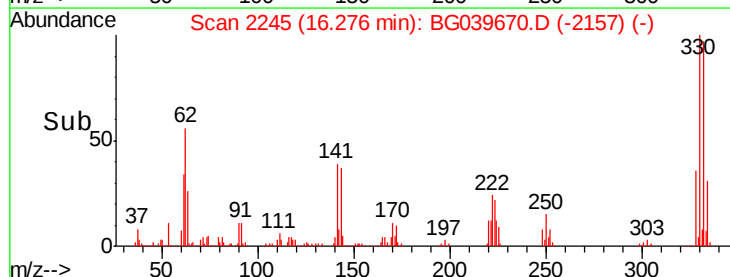
141 41.1 35.6 53.4

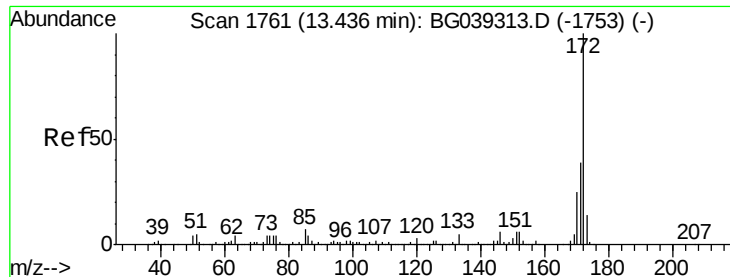


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

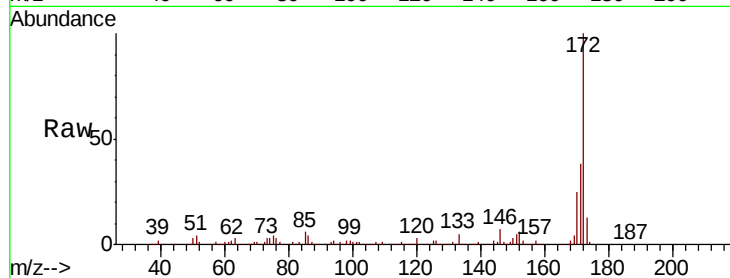




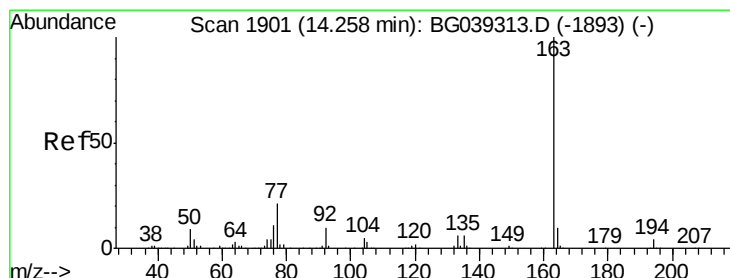
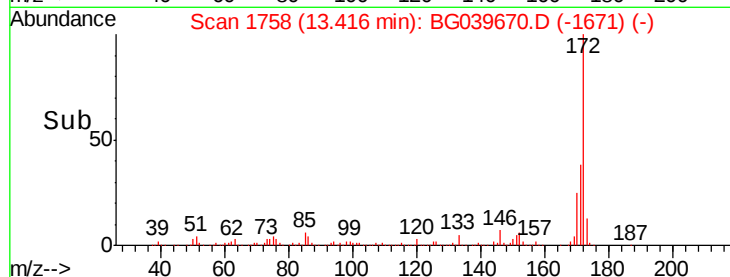
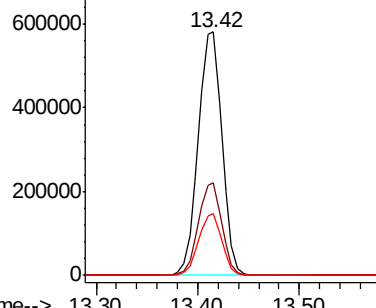
#45
2-Fluorobiphenyl
Concen: 80.140 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tot Ion:172 Resp: 948965
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.3 20.2 30.4

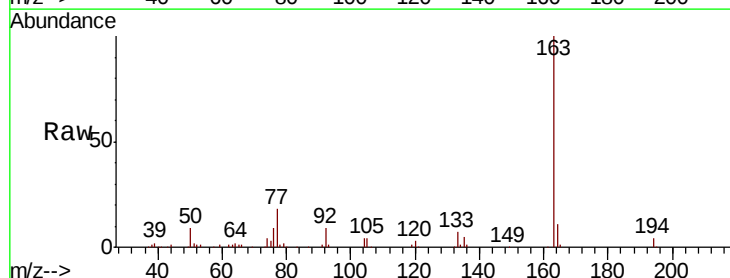


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

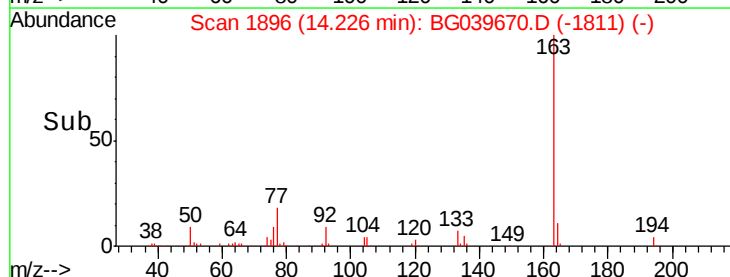
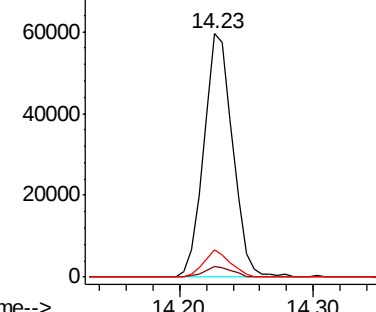


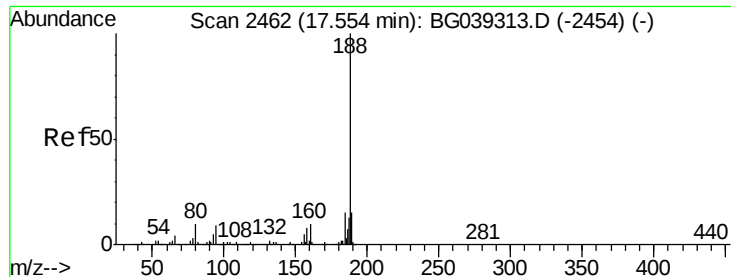
#50
Dimethylphthalate
Concen: 6.529 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion:163 Resp: 89577
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 11.2 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# 2459

Delta R.T. -0.02 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

Instrument :

BNA_G

ClientSampleId :

A0C5-2-0.5-1.0

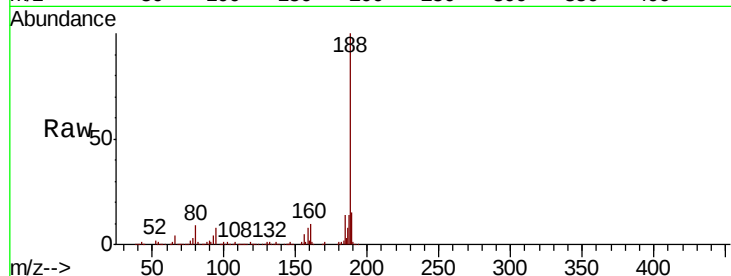
Tot Ion:188 Resp: 407208

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

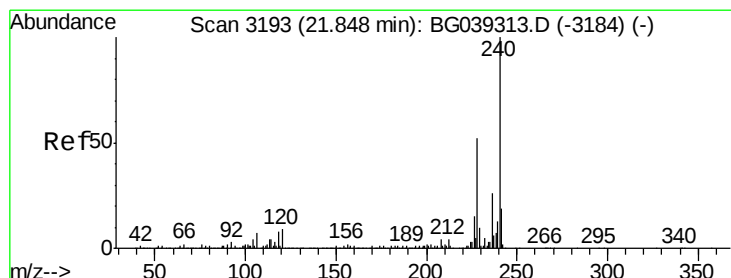
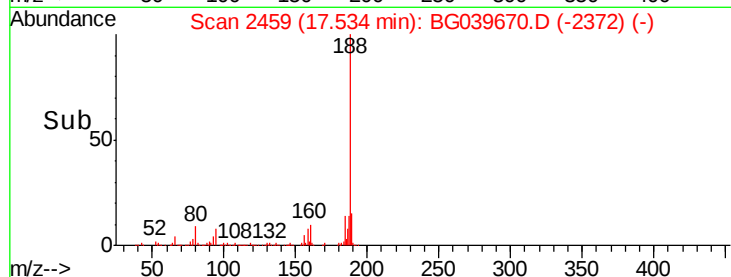
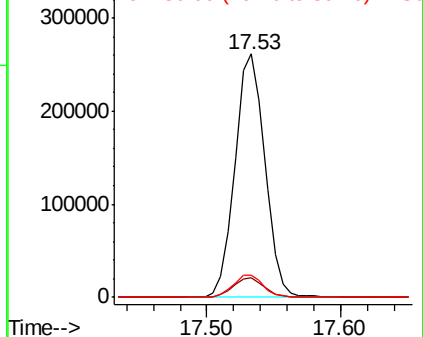
80 9.2 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

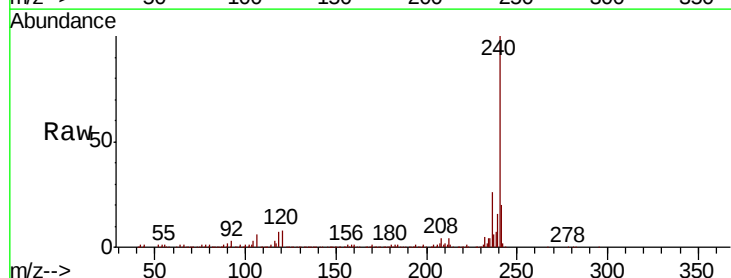
Tgt Ion:240 Resp: 406408

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

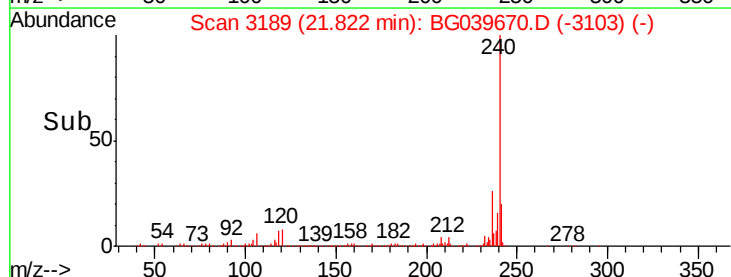
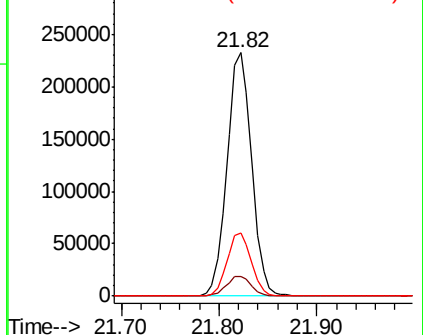
236 25.9 21.0 31.4

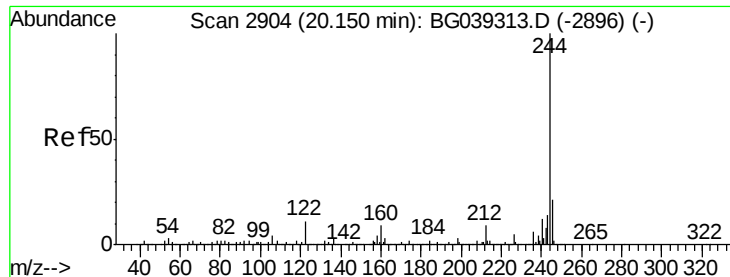


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.220 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

Instrument :

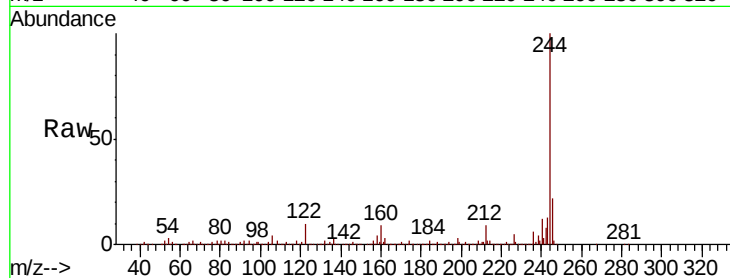
BNA_G

ClientSampleId :

A0C5-2-0.5-1.0

Tot Ion:244 Resp: 1367440

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.2	8.4	12.6

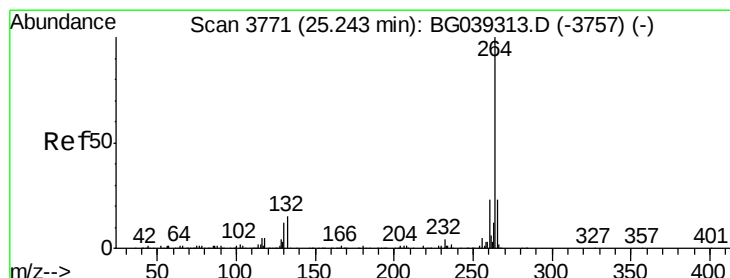
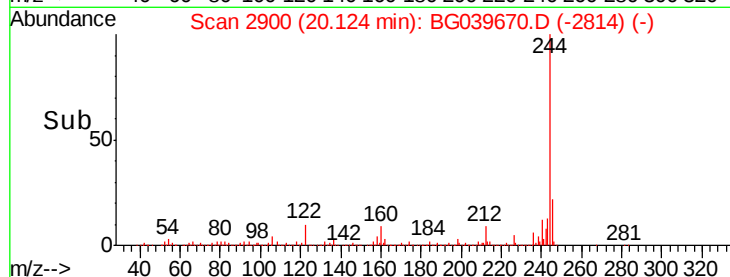
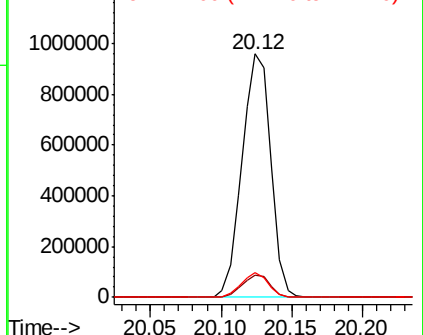


Abundance

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: 25.19 min Scan# 3763

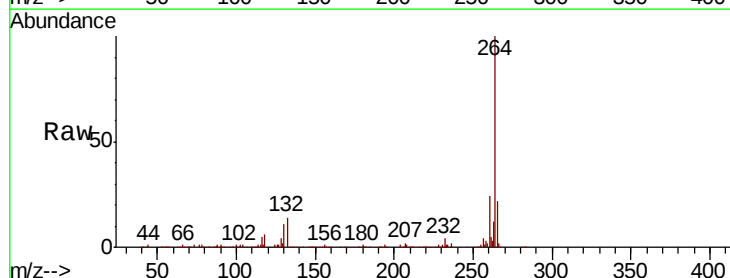
Delta R.T. -0.05 min

Lab File: BG039670.D

Acq: 28 Feb 2019 21:35

Tgt Ion:264 Resp: 411115

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.3	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

