

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039758.D
 Acq On : 5 Mar 2019 9:31
 Operator : JU/SJ
 Sample : K1688-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-H

Quant Time: Mar 05 11:14:31 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	45883	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	200096	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	140200	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	360724	20.00	ng	0.00
76) Chrysene-d12	21.82	240	380433	20.00	ng	-0.01
87) Perylene-d12	25.19	264	381433	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	381343	141.79	ng	0.00
7) Phenol-d6	7.30	99	508420	126.78	ng	-0.01
23) Nitrobenzene-d5	9.33	82	361731	97.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	260009	159.11	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	853598	86.69	ng	-0.01
79) Terphenyl-d14	20.12	244	1594368	92.28	ng	0.00

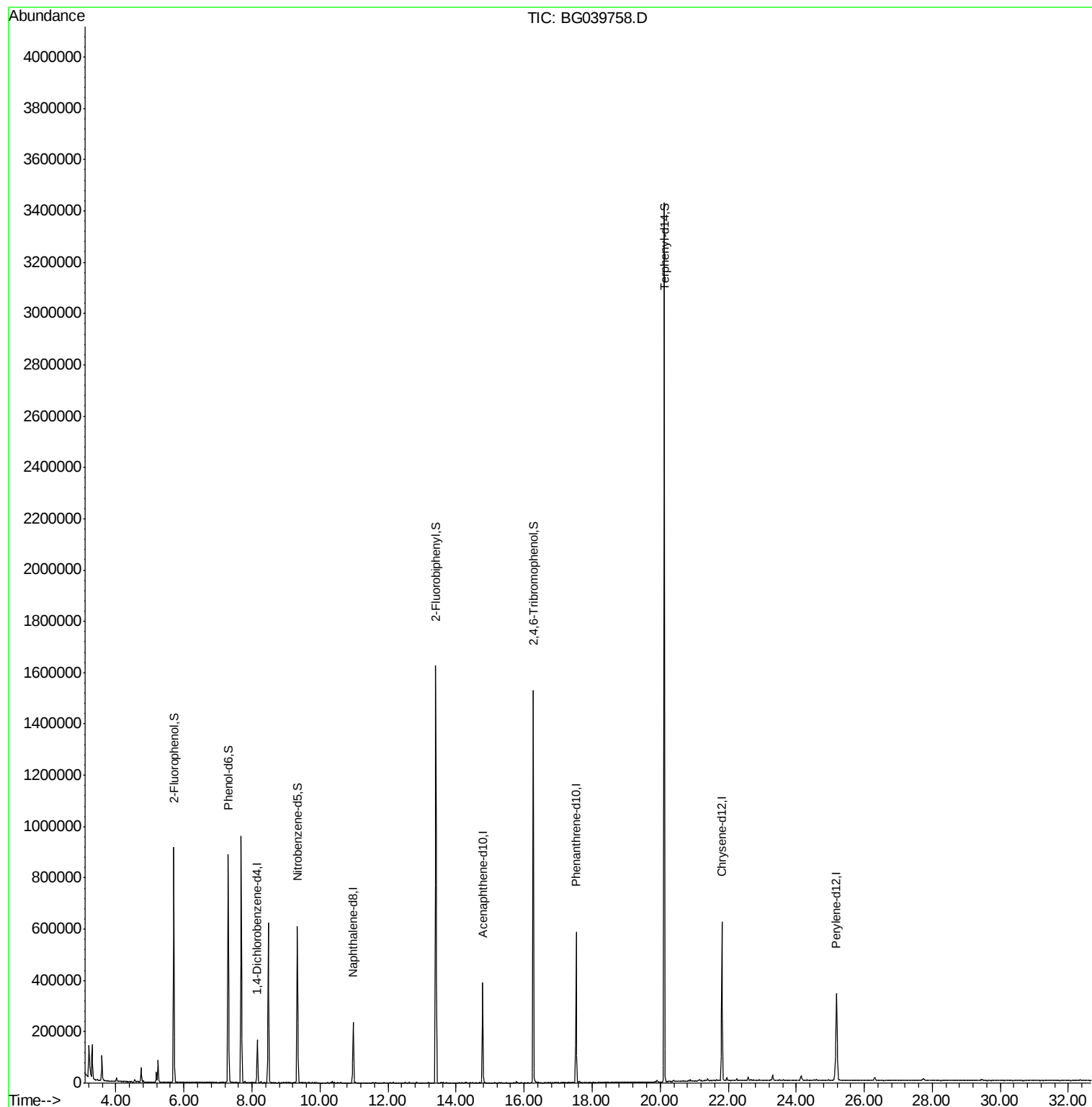
Target Compounds	Qvalue
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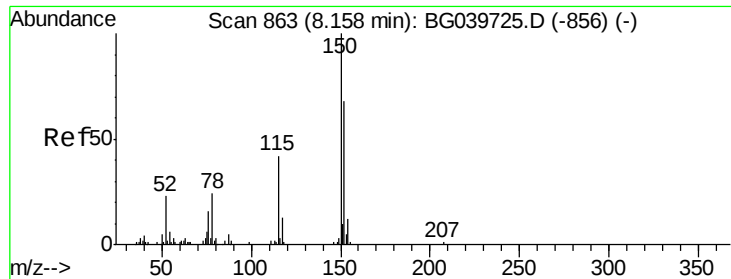
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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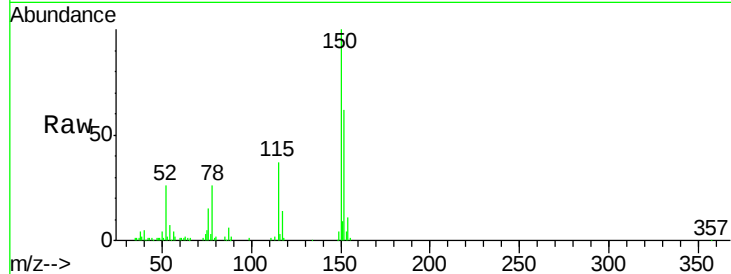


#1

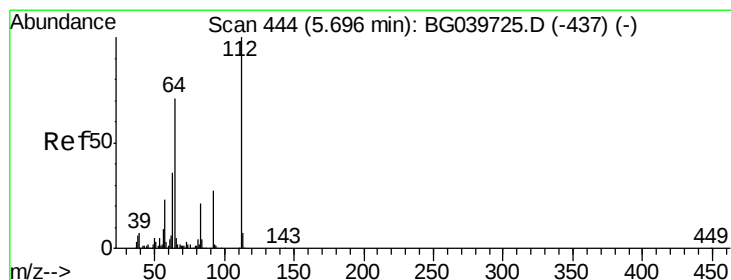
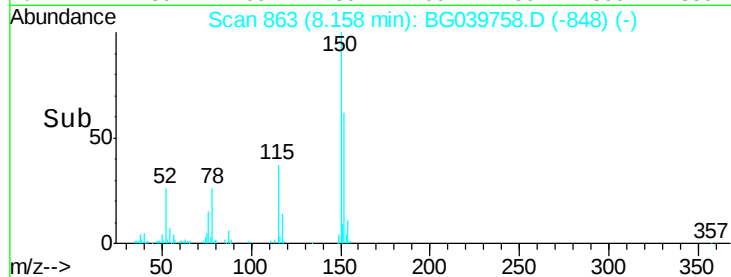
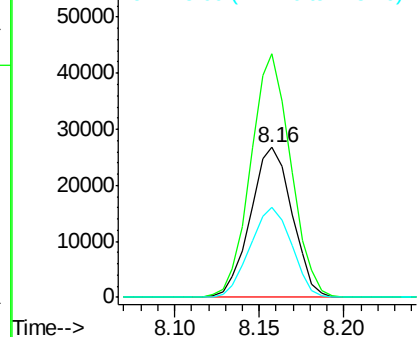
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039758.D
Acq: 5 Mar 2019 9:31

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-H

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.4	123.7	185.5
115	60.3	45.9	68.9



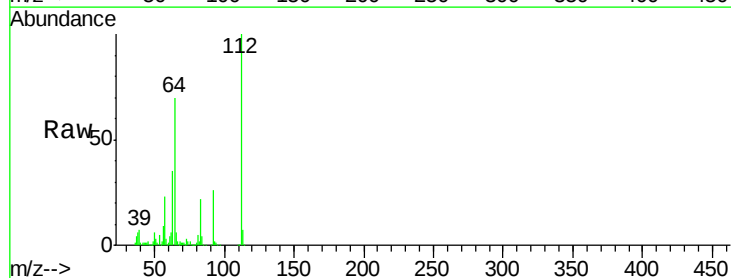
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



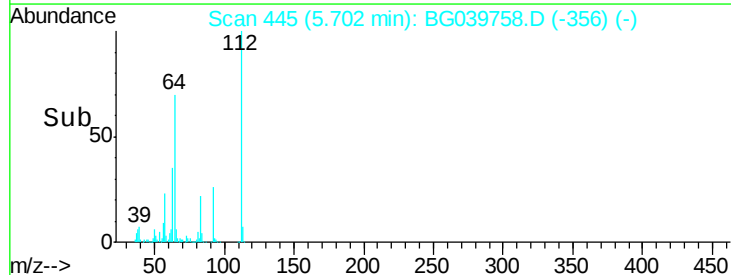
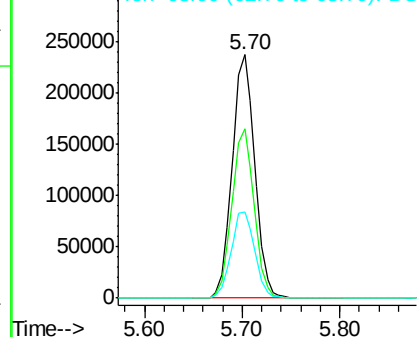
#5

2-Fluorophenol
Concen: 141.790 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039758.D
Acq: 5 Mar 2019 9:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	35.4	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: 126.782 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-H

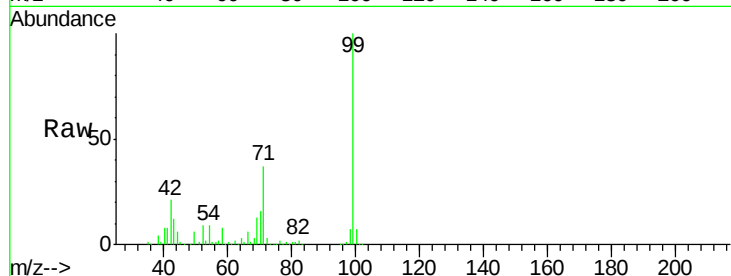
Tgt Ion: 99 Resp: 508420

Ion Ratio Lower Upper

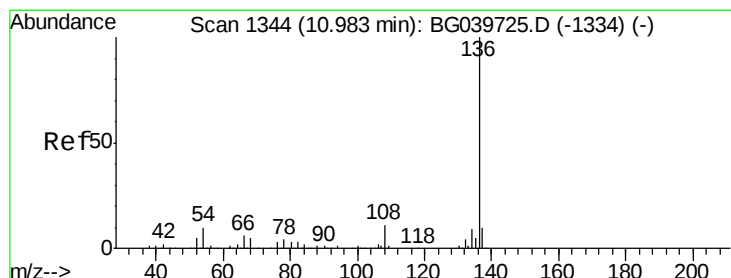
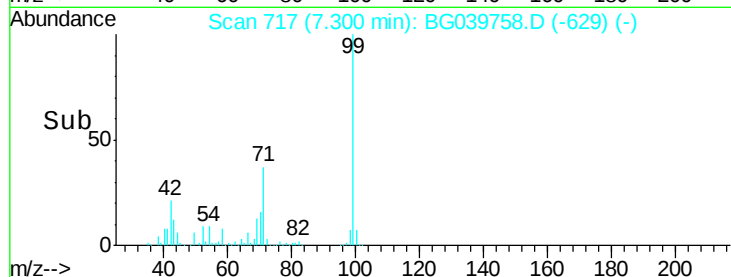
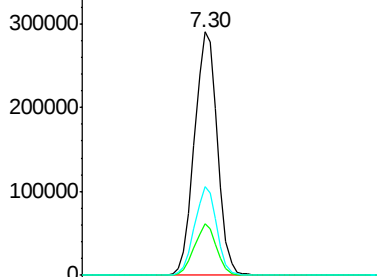
99 100

42 21.3 18.2 27.2

71 36.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

Tgt Ion: 136 Resp: 200096

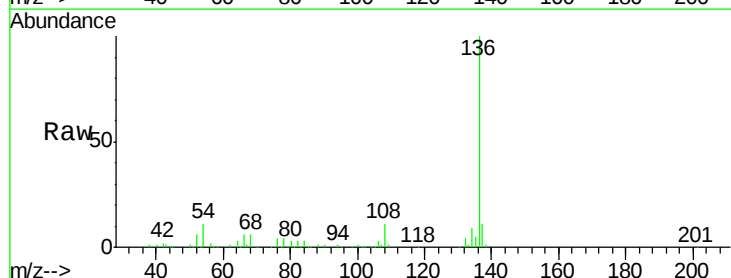
Ion Ratio Lower Upper

136 100

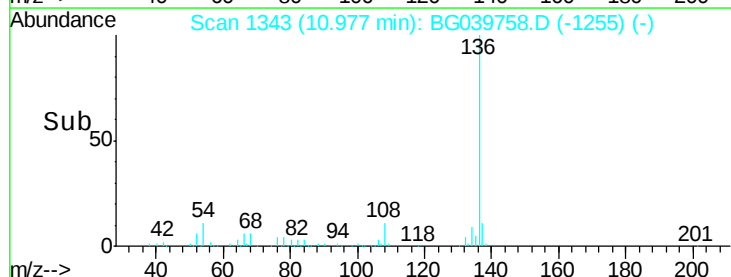
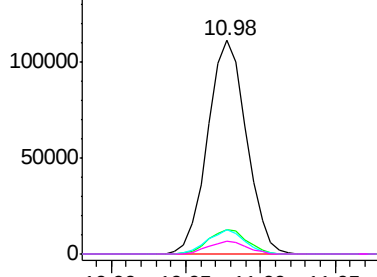
137 11.5 9.1 13.7

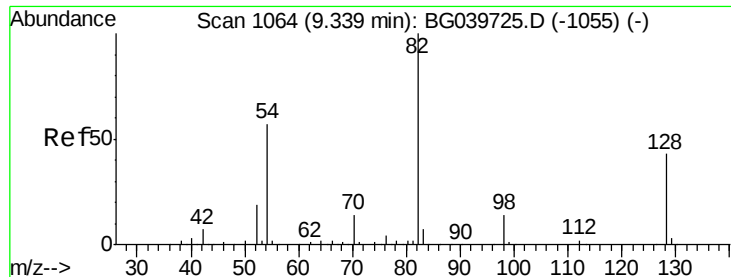
54 11.2 9.4 14.2

68 6.2 4.2 6.4



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





#23

Nitrobenzene-d5

Concen: 97.772 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-H

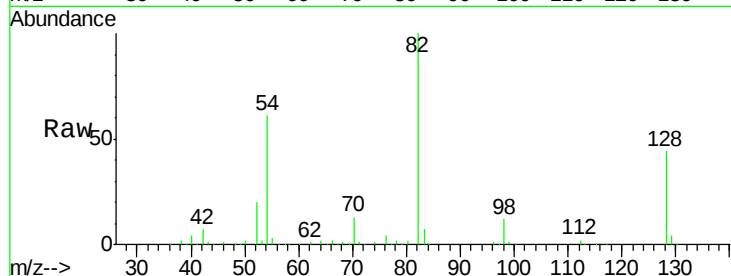
Tgt Ion: 82 Resp: 361731

Ion Ratio Lower Upper

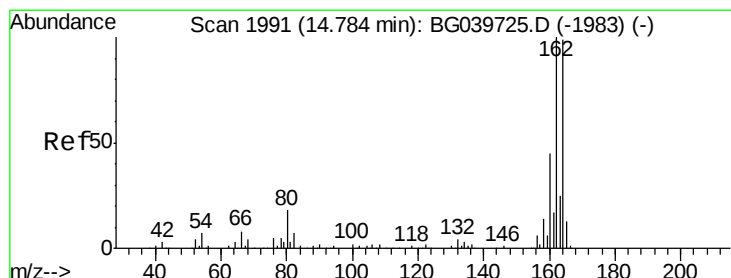
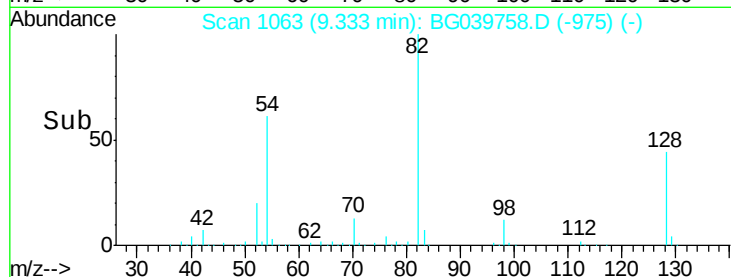
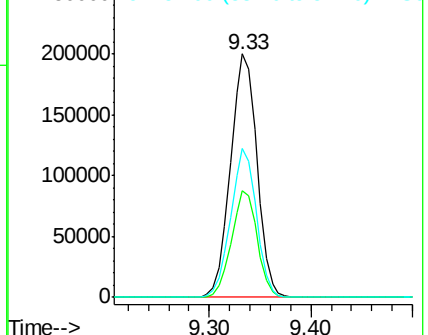
82 100

128 43.9 31.3 46.9

54 61.0 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

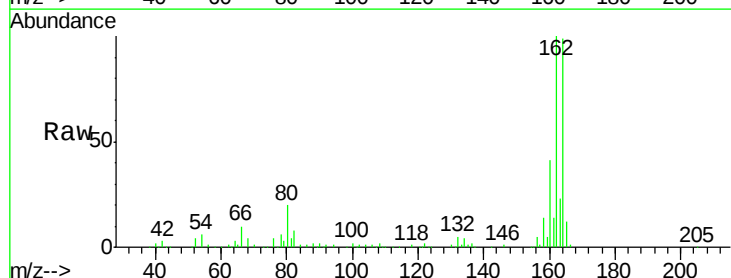
Tgt Ion: 164 Resp: 140200

Ion Ratio Lower Upper

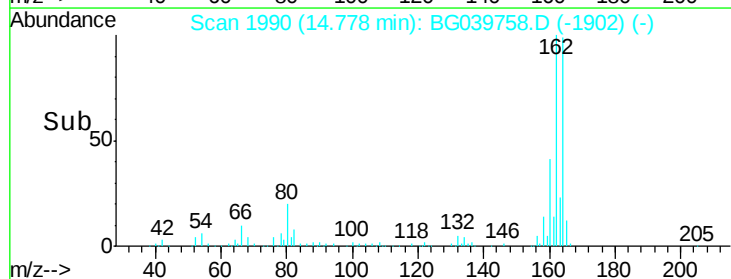
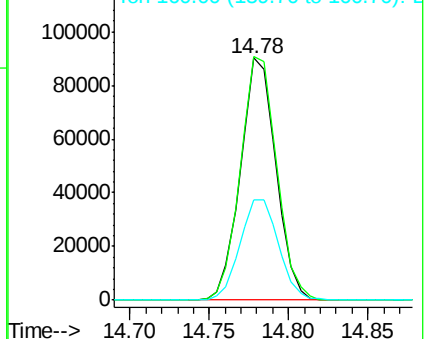
164 100

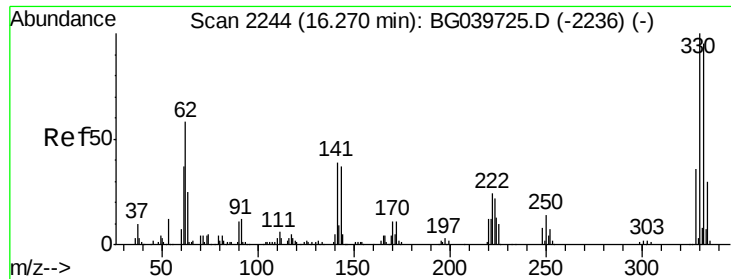
162 100.6 81.6 122.4

160 41.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 159.111 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-H

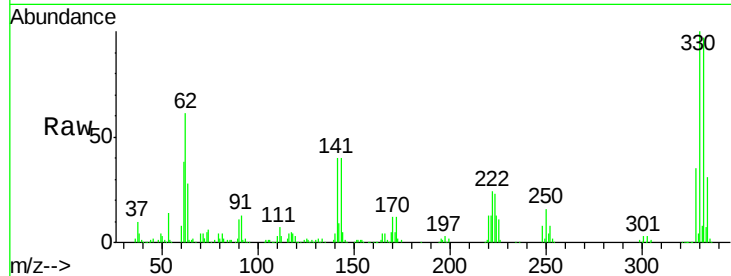
Tgt Ion:330 Resp: 260009

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

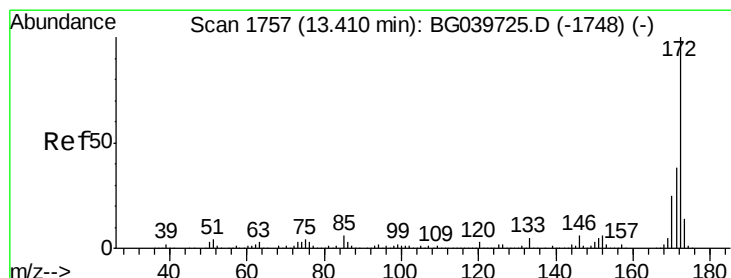
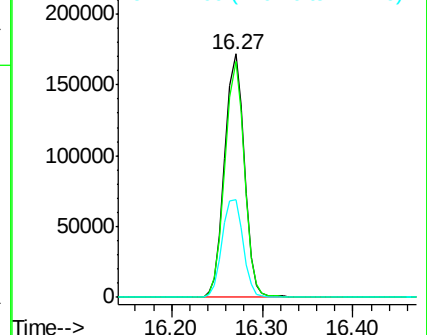
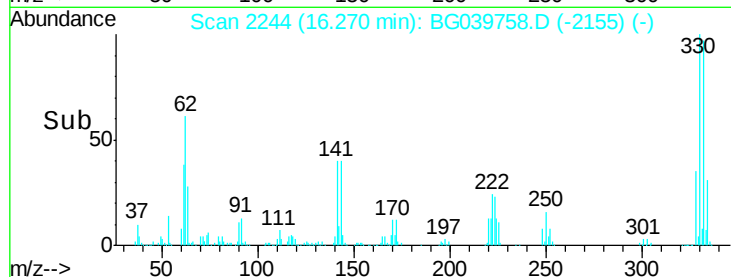
141 42.4 35.6 53.4



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: 86.689 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

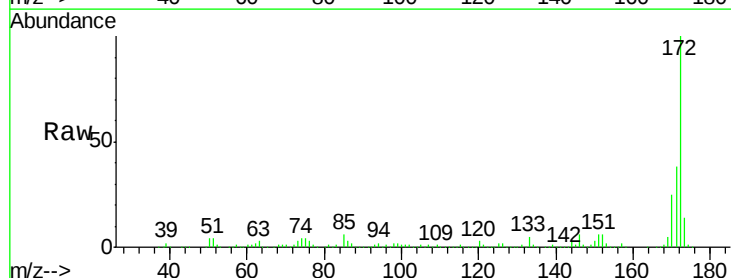
Tgt Ion:172 Resp: 853598

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

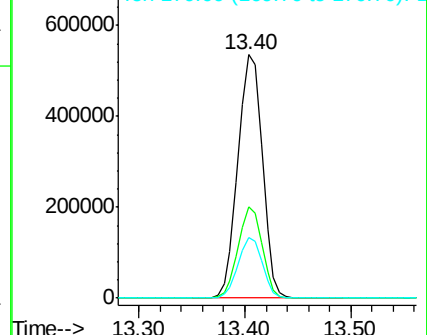
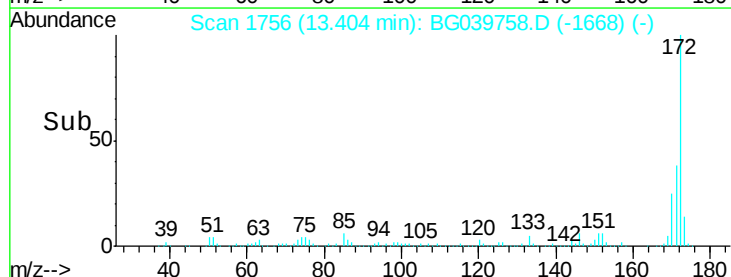
170 25.0 20.2 30.4



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

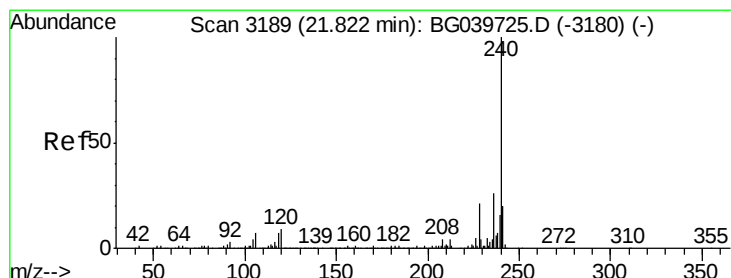
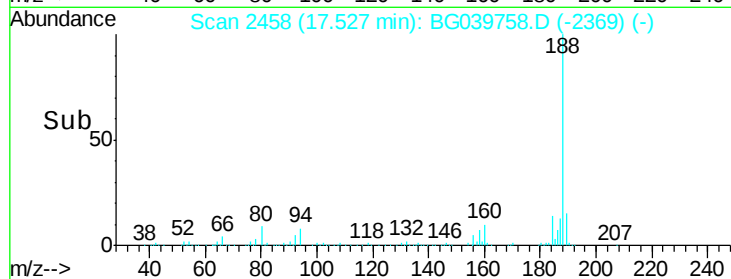
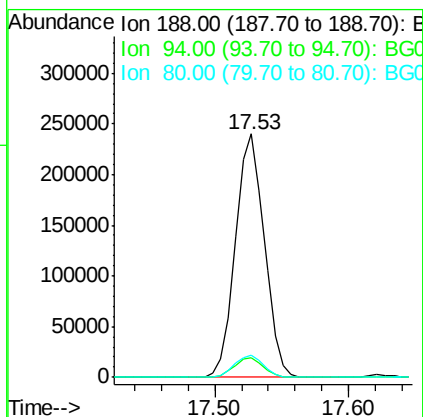
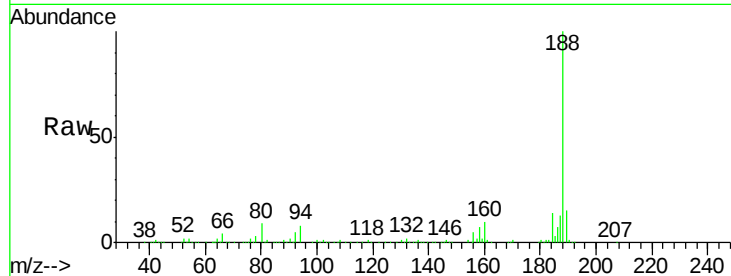




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039758.D
Acq: 5 Mar 2019 9:31

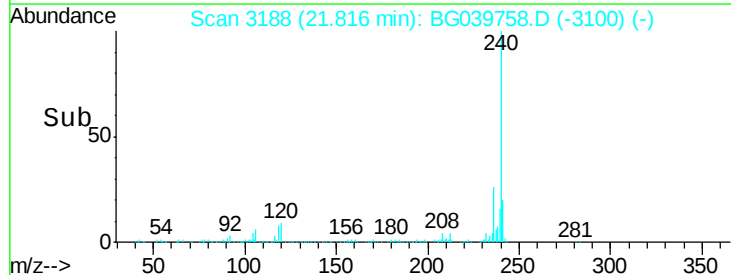
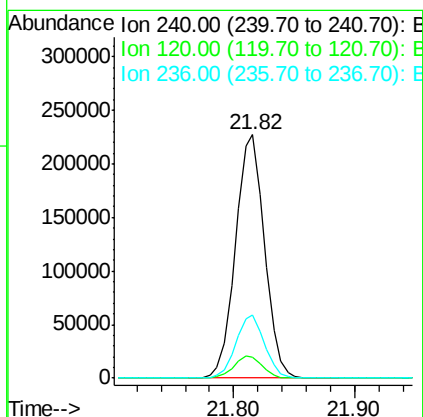
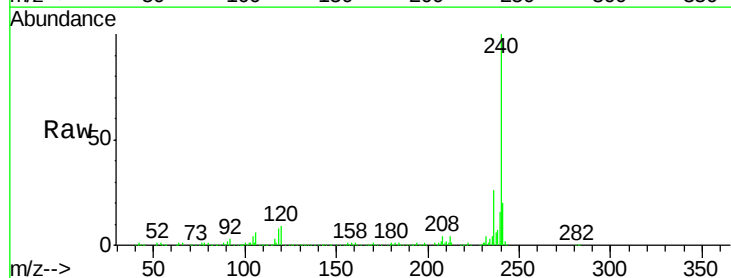
Instrument :
BNA_G
ClientSampleId :
JC-03-030119-H

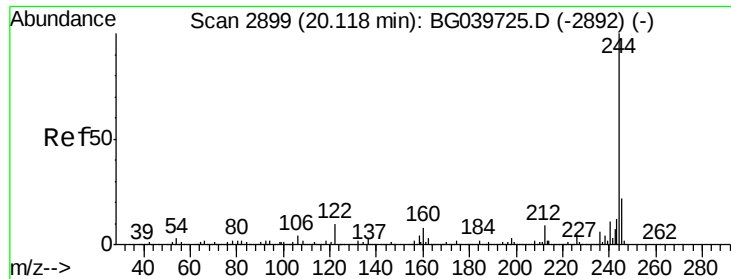
Tgt Ion:188 Resp: 360724
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039758.D
Acq: 5 Mar 2019 9:31

Tgt Ion:240 Resp: 380433
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 92.276 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-H

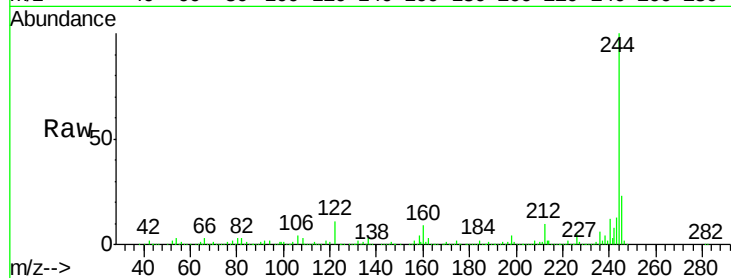
Tgt Ion:244 Resp: 1594368

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

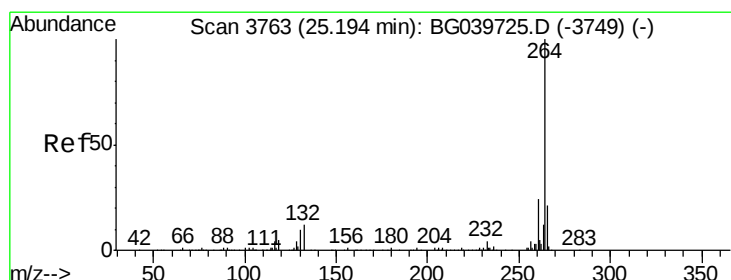
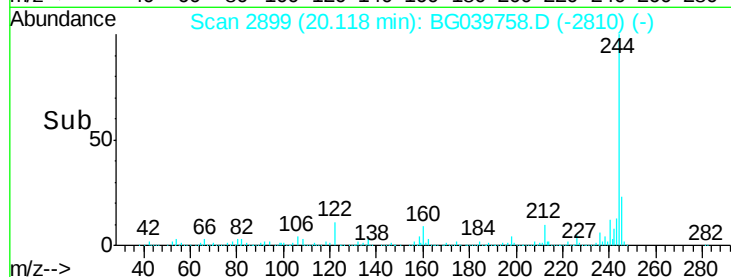
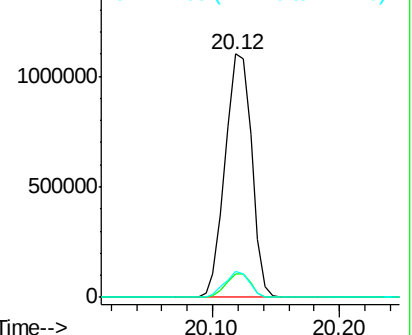
122 10.5 8.4 12.6



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# 3762

Delta R.T. -0.01 min

Lab File: BG039758.D

Acq: 5 Mar 2019 9:31

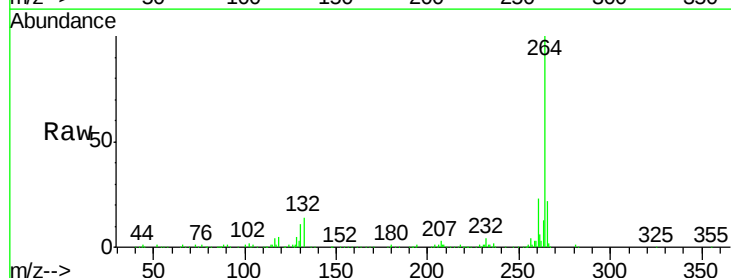
Tgt Ion:264 Resp: 381433

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.2 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

