

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040108.D
 Acq On : 23 Mar 2019 8:52
 Operator : JU/SJ
 Sample : K2035-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031919-LIFT-F-U-B

Quant Time: Mar 23 22:39:48 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

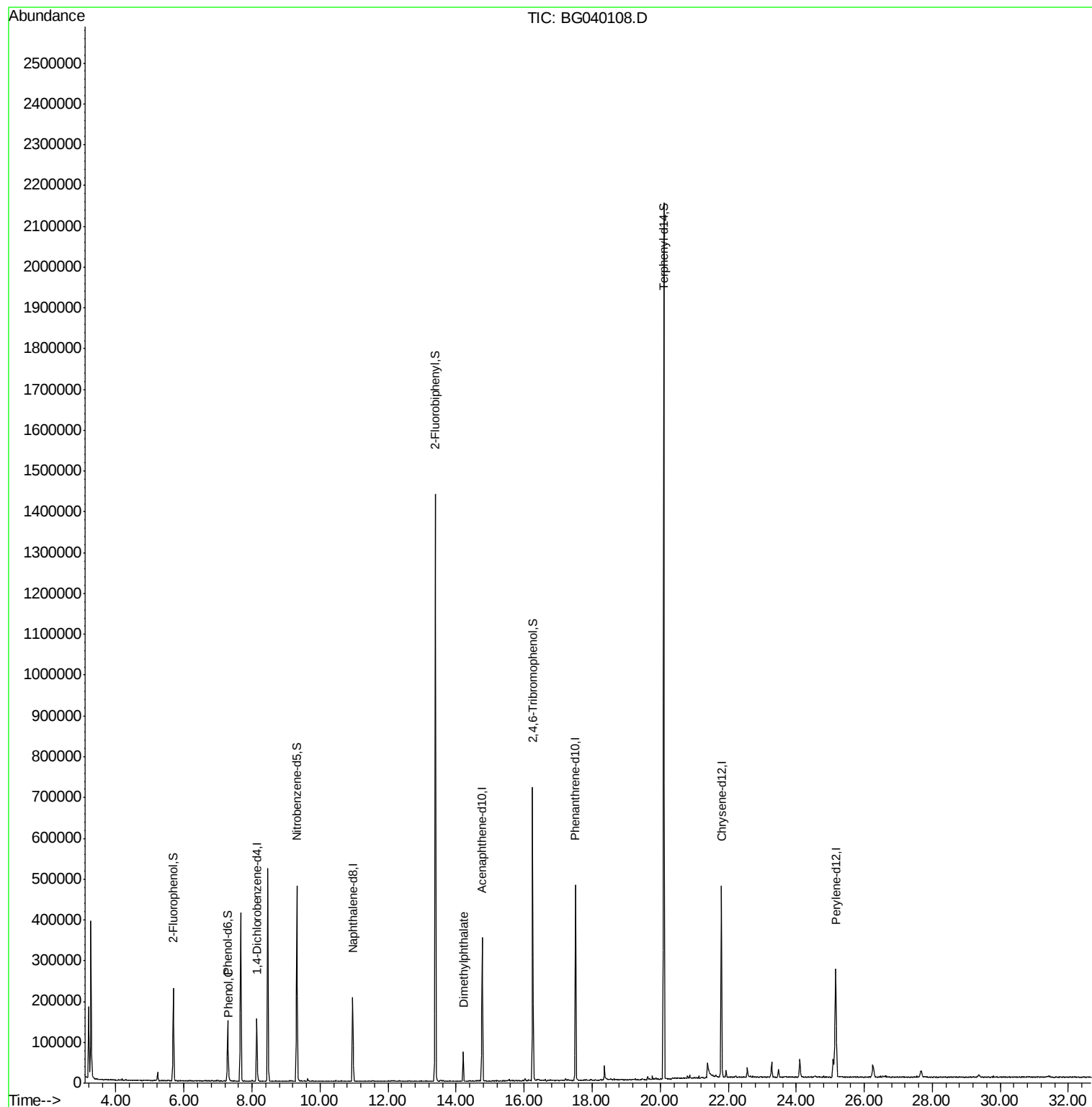
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41114	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	183944	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	127703	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	305276	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	296335	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297301	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	97290	40.37	ng	-0.02
7) Phenol-d6	7.29	99	91287	25.40	ng	-0.02
23) Nitrobenzene-d5	9.32	82	290749	85.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	126784	85.18	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	749958	83.62	ng	-0.02
79) Terphenyl-d14	20.11	244	981810	72.95	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	8298	2.132	ng	97
50) Dimethylphthalate	14.21	163	50266	4.707	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-B

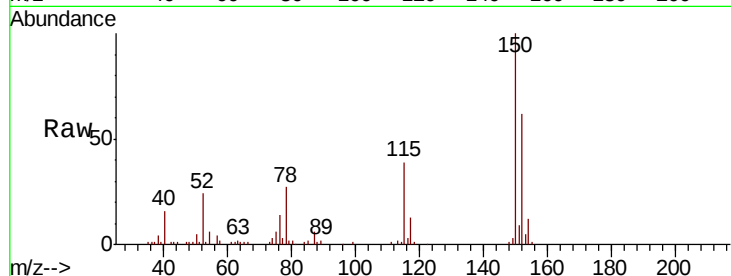
Tot Ion:152 Resp: 41114

Ion Ratio Lower Upper

152 100

150 162.2 123.7 185.5

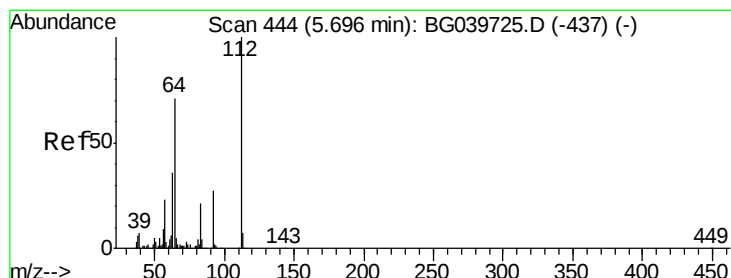
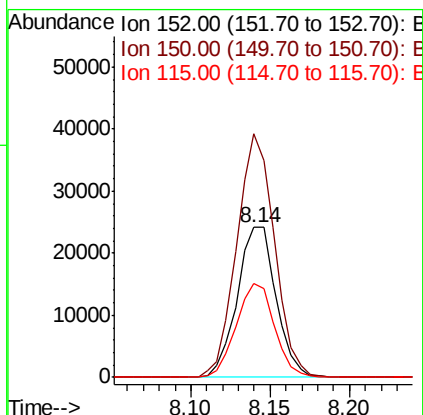
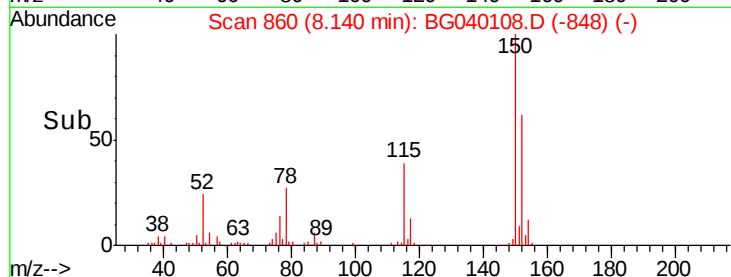
115 62.7 45.9 68.9



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: 40.370 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

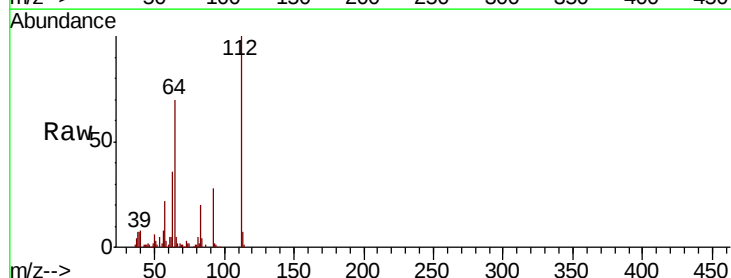
Tgt Ion:112 Resp: 97290

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

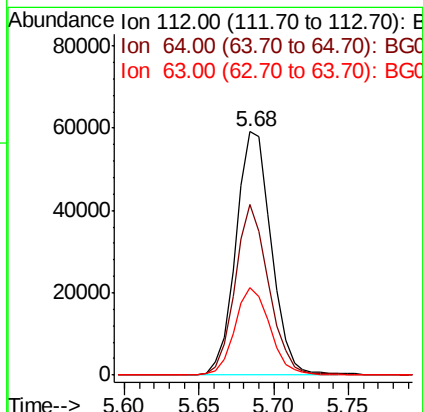
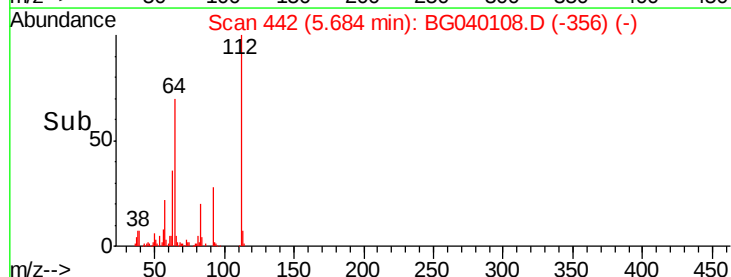
63 36.0 29.8 44.6



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: 25.404 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-B

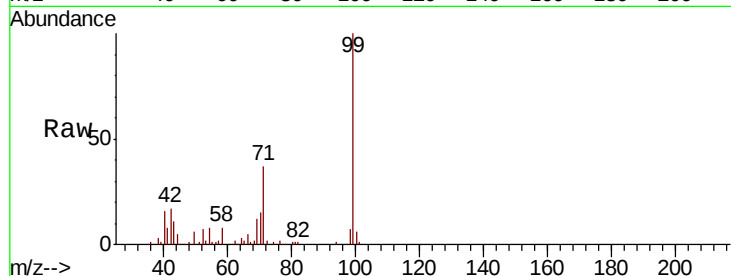
Tot Ion: 99 Resp: 91287

Ion Ratio Lower Upper

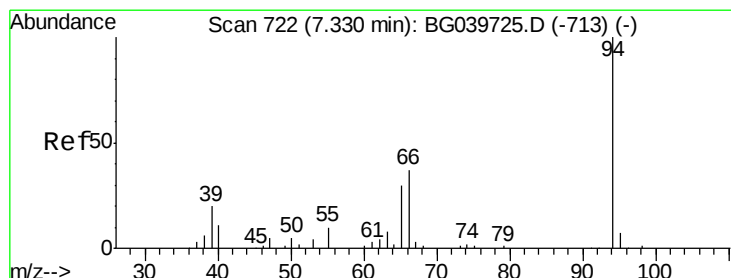
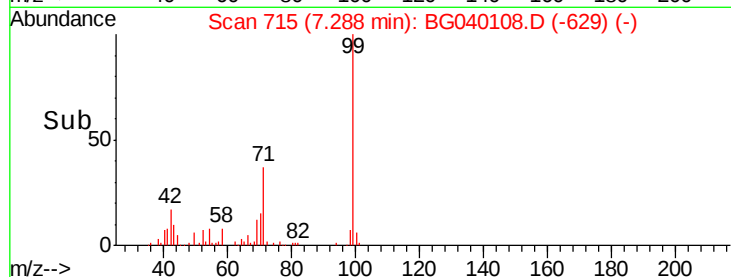
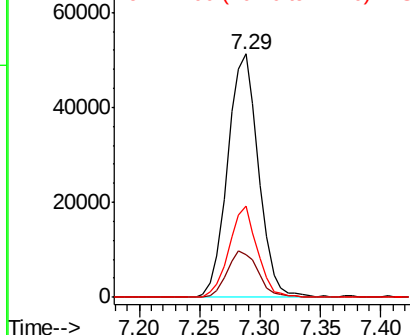
99 100

42 17.5 18.2 27.2#

71 37.3 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: 2.132 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

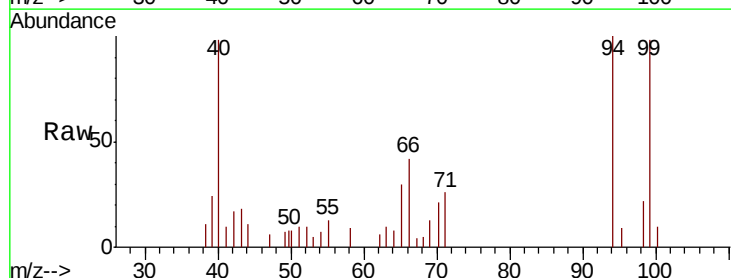
Tgt Ion: 94 Resp: 8298

Ion Ratio Lower Upper

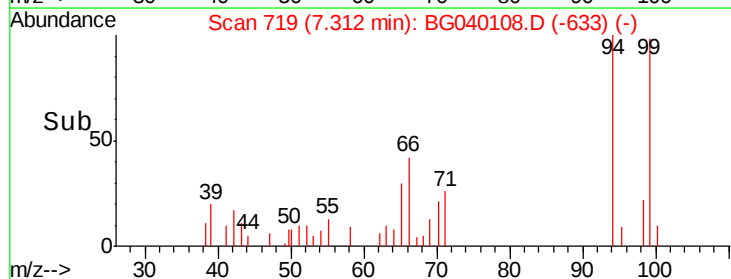
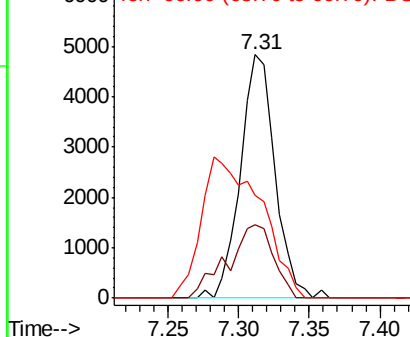
94 100

65 30.3 11.7 51.7

66 42.0 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

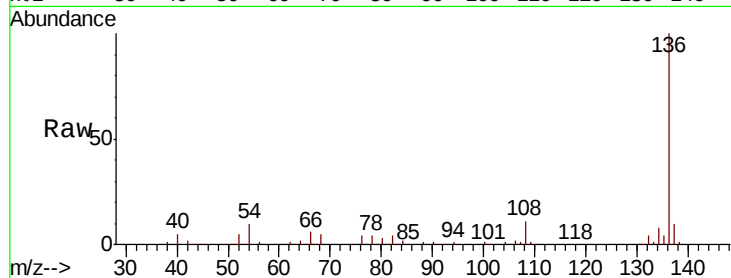




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040108.D
Acq: 23 Mar 2019 8:52

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-U-B

Tot Ion:136	Resp:	183944
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.1 13.7
54	10.1	9.4 14.2
68	5.1	4.2 6.4



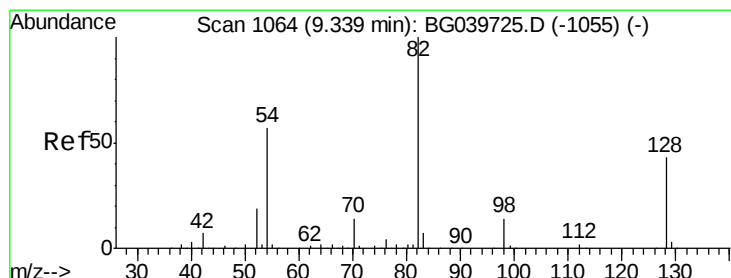
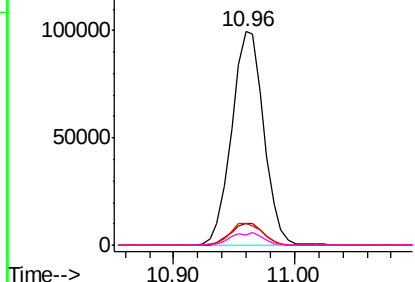
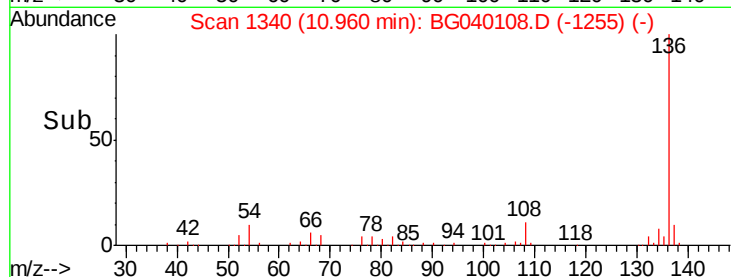
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

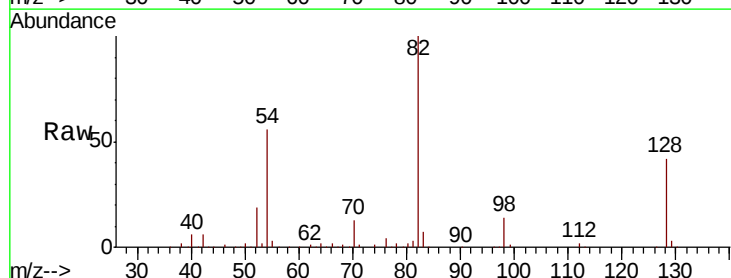
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 85.487 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040108.D
Acq: 23 Mar 2019 8:52

Tgt Ion: 82	Resp:	290749
Ion	Ratio	Lower Upper
82	100	
128	42.5	31.3 46.9
54	56.1	50.9 76.3

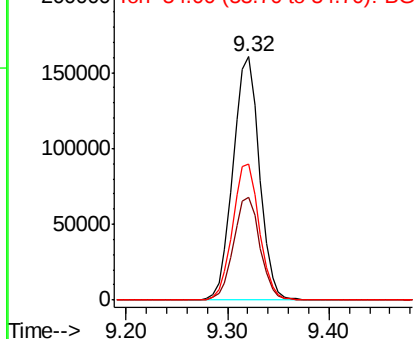
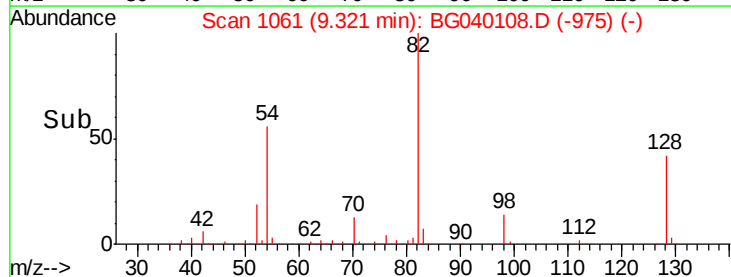


Abundance

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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-B

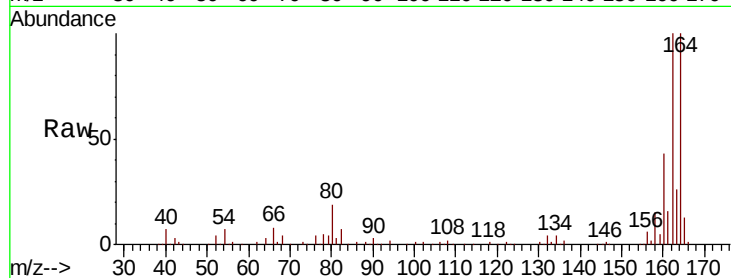
Tot Ion:164 Resp: 127703

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

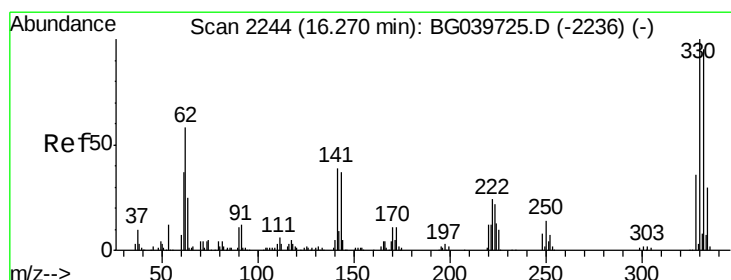
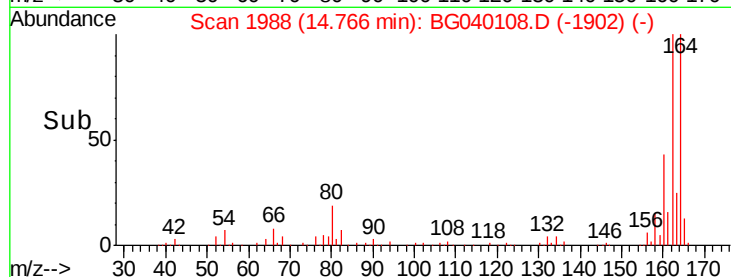
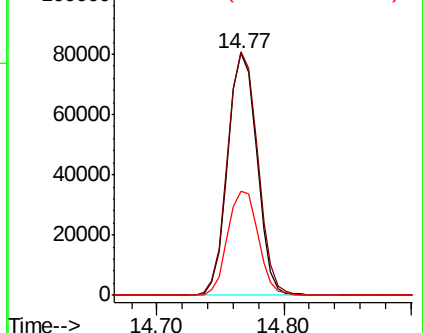
160 43.1 34.2 51.2



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: 85.177 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

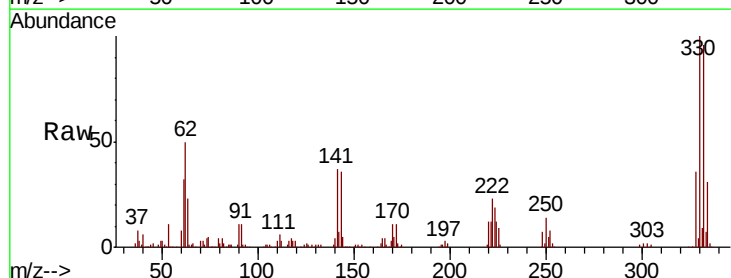
Tgt Ion:330 Resp: 126784

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

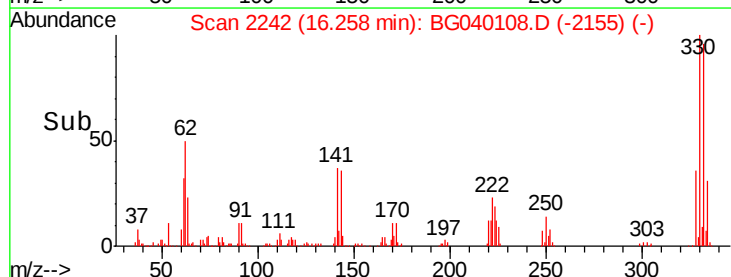
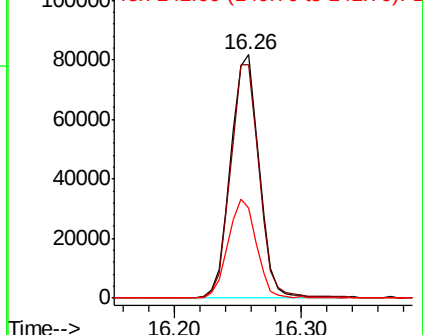
141 40.5 35.6 53.4



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

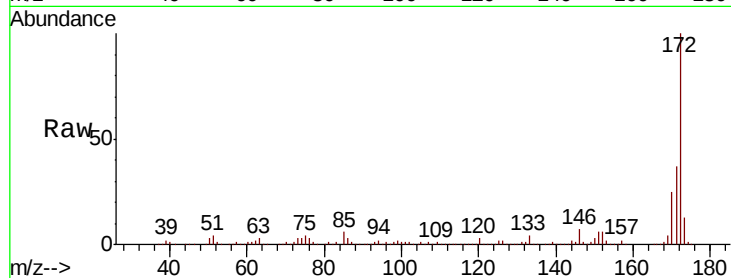




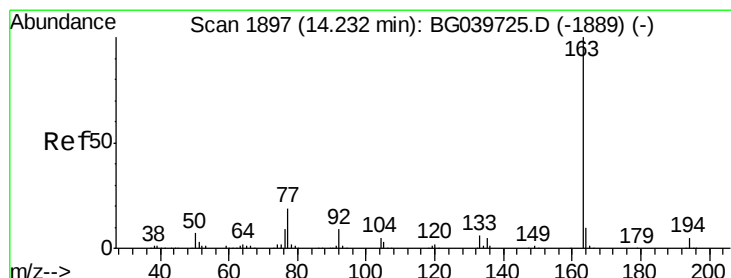
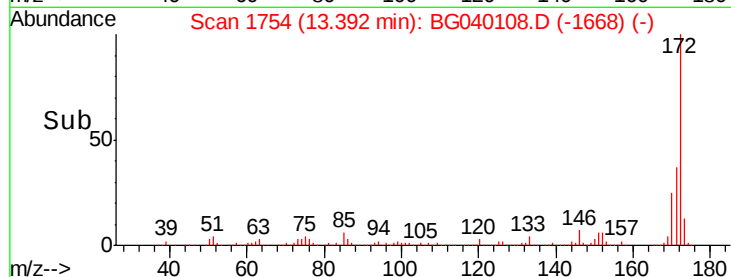
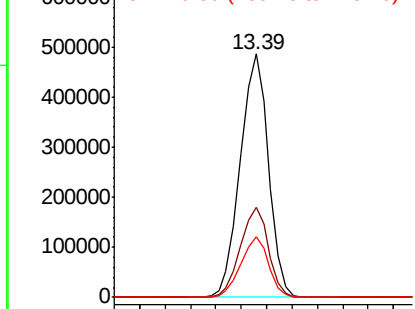
#45
2-Fluorobiphenyl
Concen: 83.617 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040108.D
Acq: 23 Mar 2019 8:52

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-U-B

Tot Ion:172 Resp: 749958
Ion Ratio Lower Upper
172 100
171 36.9 30.8 46.2
170 24.7 20.2 30.4

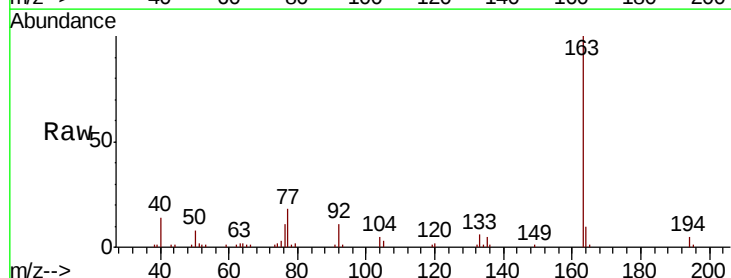


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

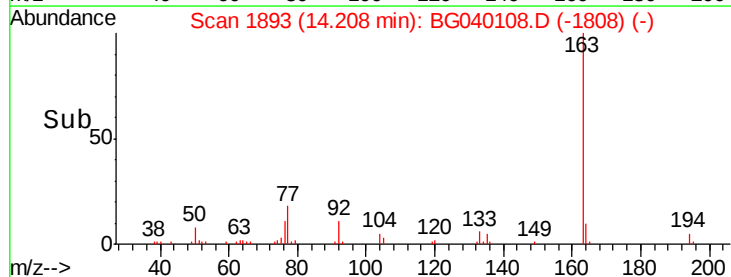
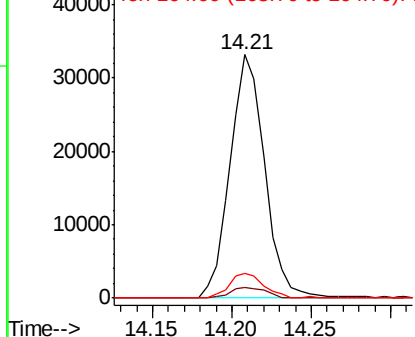


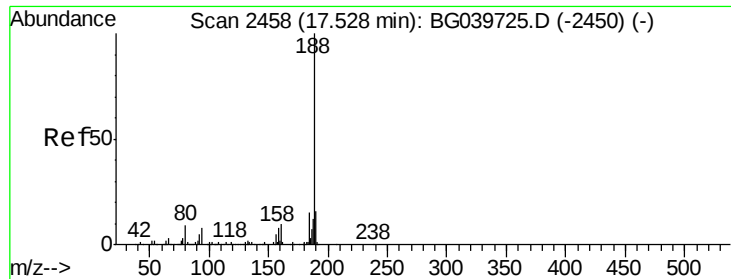
#50
Dimethylphthalate
Concen: 4.707 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040108.D
Acq: 23 Mar 2019 8:52

Tgt Ion:163 Resp: 50266
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.3 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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-B

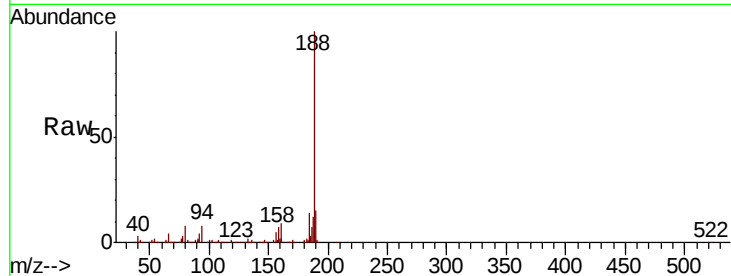
Tot Ion:188 Resp: 305276

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

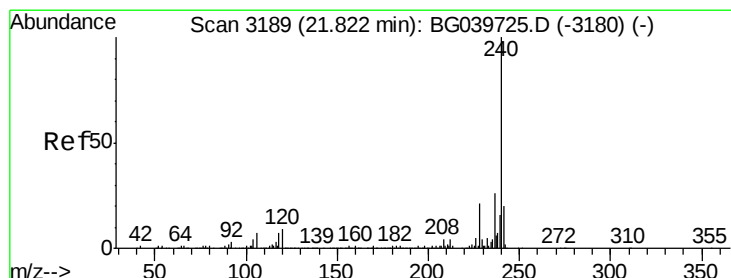
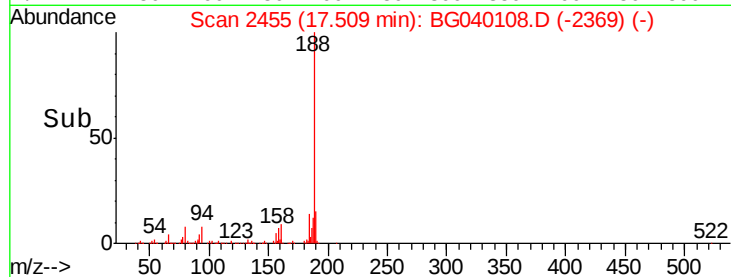
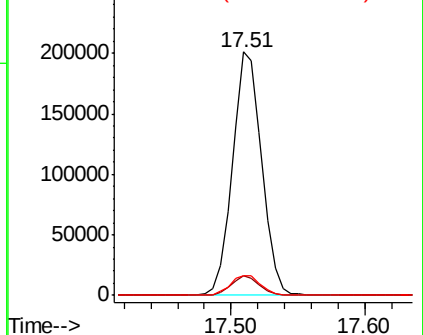
80 8.1 8.1 12.1#



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

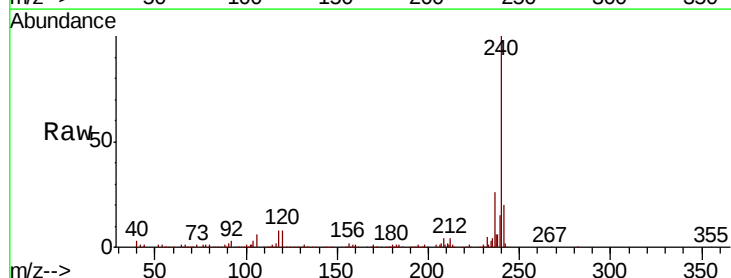
Tgt Ion:240 Resp: 296335

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

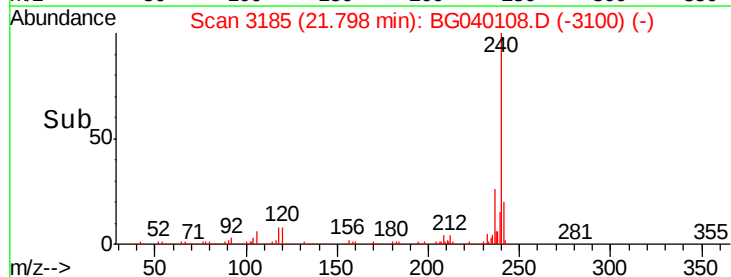
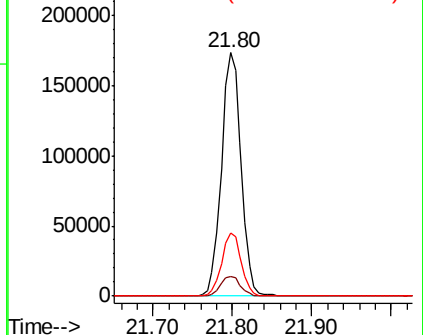
236 25.8 21.0 31.4

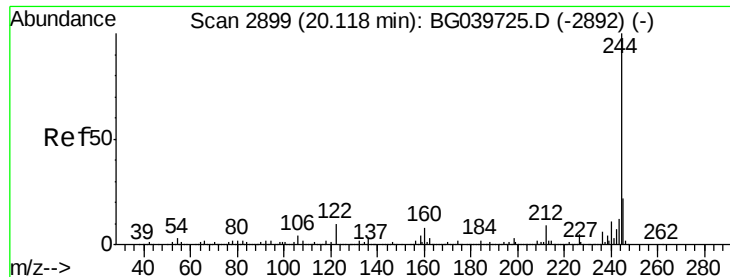


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.950 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040108.D

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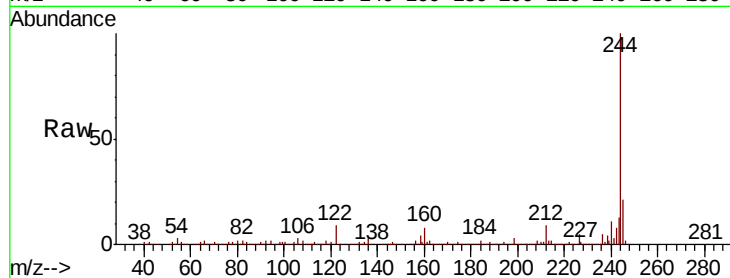
Tot Ion:244 Resp: 981810

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

122 9.0 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

1000000

800000

600000

400000

200000

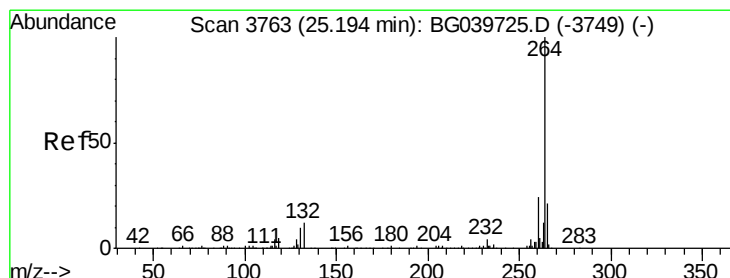
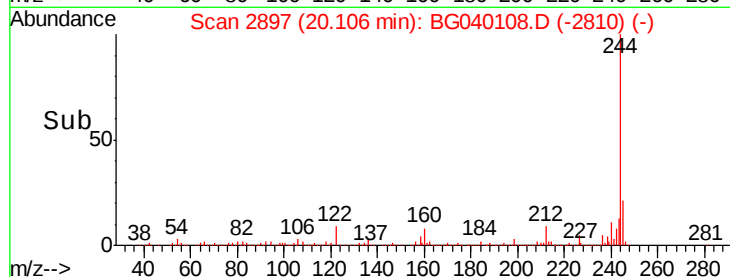
0

20.11

20.10

20.20

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040108.D

Acq: 23 Mar 2019 8:52

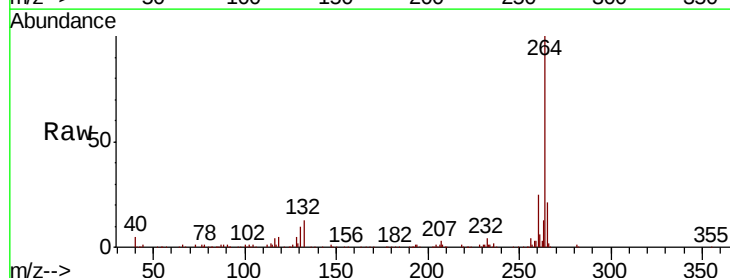
Tgt Ion:264 Resp: 297301

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 21.3 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

100000

50000

0

25.16

25.10

25.20

25.30

Time-->

