

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040161.D
 Acq On : 27 Mar 2019 00:19
 Operator : JU/SJ
 Sample : K2099-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-B

Quant Time: Mar 27 02:54:07 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

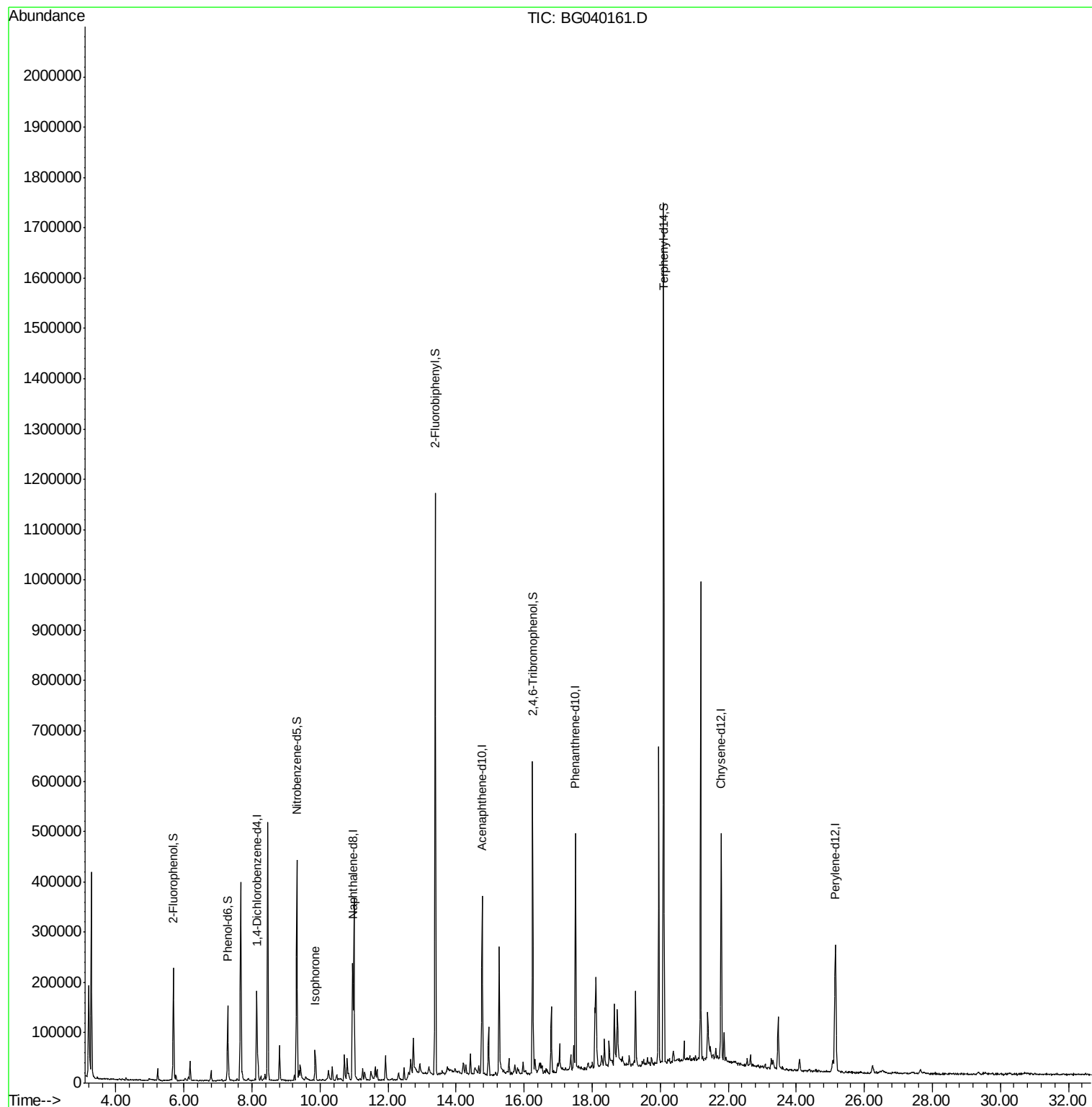
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47744	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	224068	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	124771	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	279291	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	284192	20.00	ng	-0.04
87) Perylene-d12	25.15	264	294380	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	97762	34.93	ng	-0.02
7) Phenol-d6	7.29	99	89464	21.44	ng	-0.03
23) Nitrobenzene-d5	9.31	82	268120	64.72	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	110349	75.88	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	624377	71.25	ng	-0.03
79) Terphenyl-d14	20.10	244	816046	63.22	ng	-0.03
Target Compounds						
25) Isophorone	9.87	82	25350	2.920	ng	Qvalue 98

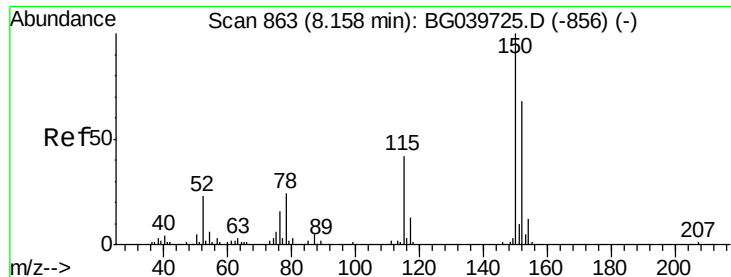
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040161.D

Acq: 27 Mar 2019 00:19

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-B

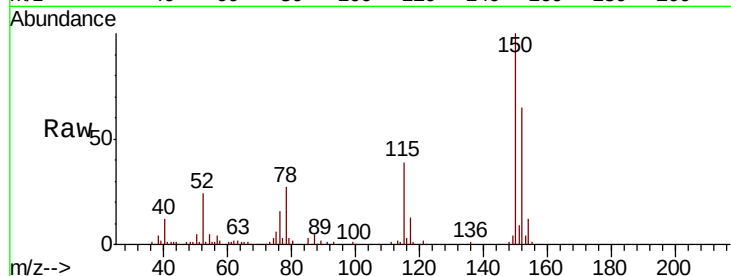
Tot Ion:152 Resp: 47744

Ion Ratio Lower Upper

152 100

150 154.8 123.7 185.5

115 60.0 45.9 68.9

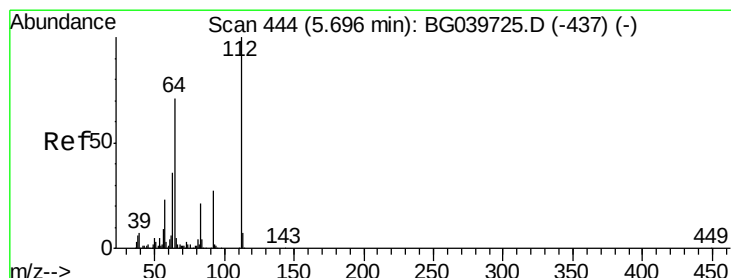
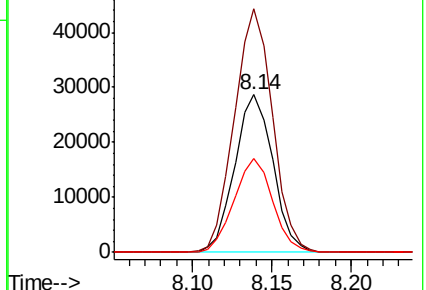
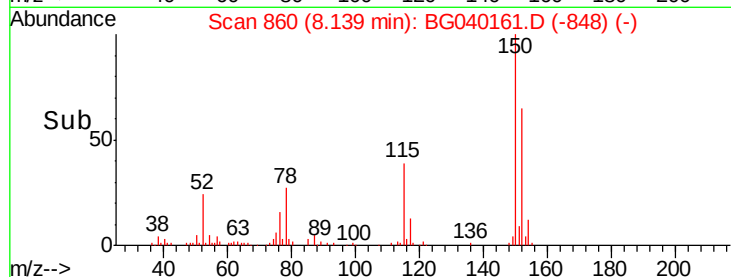


Abundance

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: 34.933 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040161.D

Acq: 27 Mar 2019 00:19

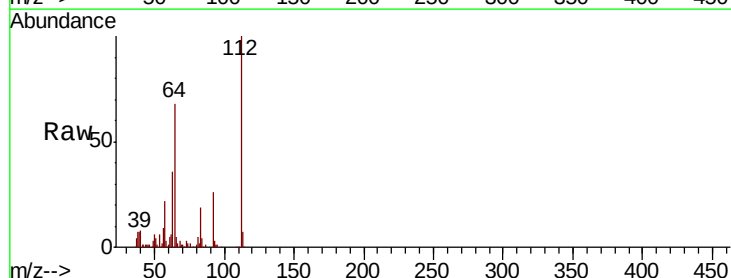
Tgt Ion:112 Resp: 97762

Ion Ratio Lower Upper

112 100

64 67.6 57.8 86.8

63 36.4 29.8 44.6

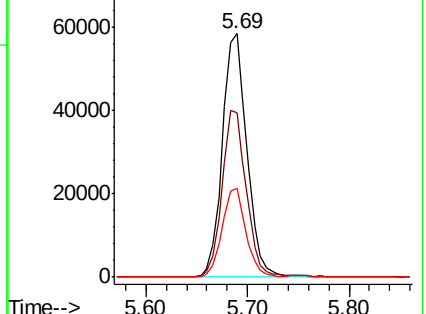
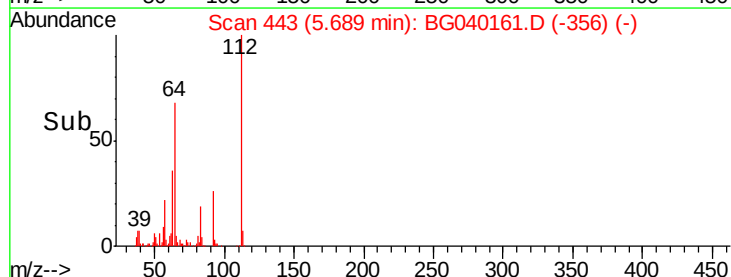


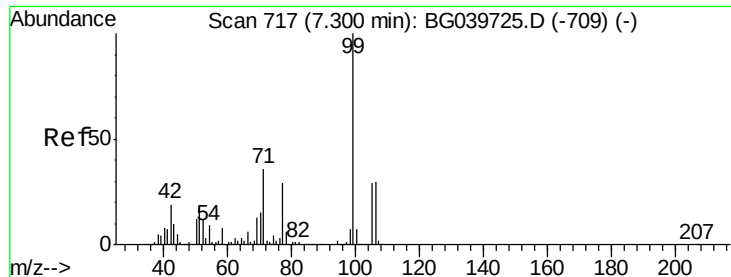
Abundance

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: 21.440 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG040161.D

Acq: 27 Mar 2019 00:19

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-B

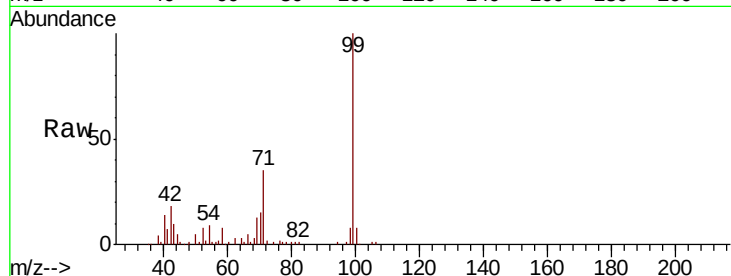
Tot Ion: 99 Resp: 89464

Ion Ratio Lower Upper

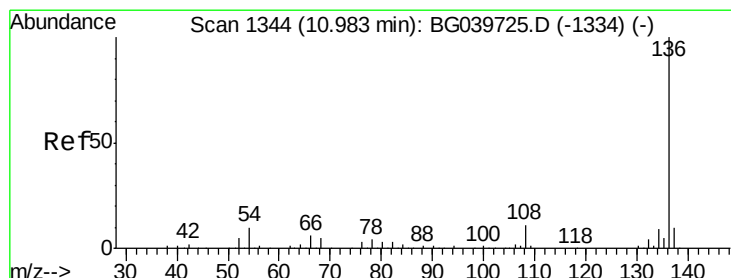
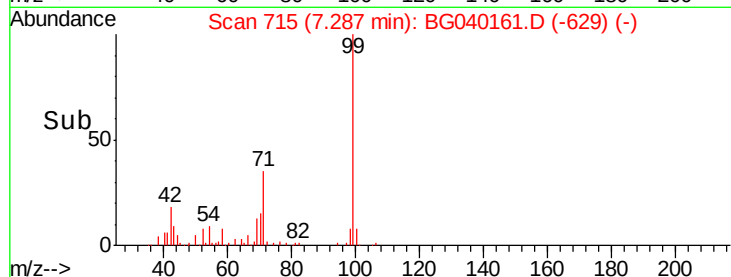
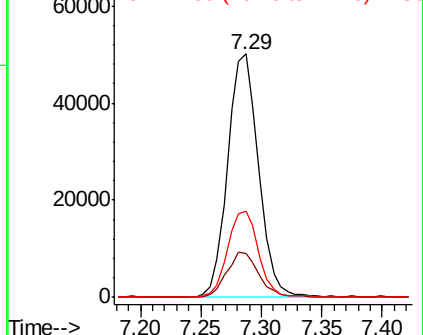
99 100

42 18.1 18.2 27.2#

71 35.2 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040161.D

Acq: 27 Mar 2019 00:19

Tgt Ion: 136 Resp: 224068

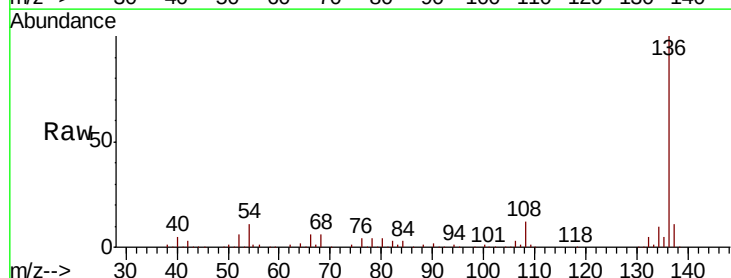
Ion Ratio Lower Upper

136 100

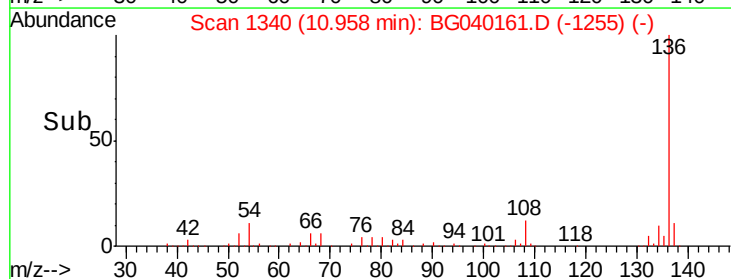
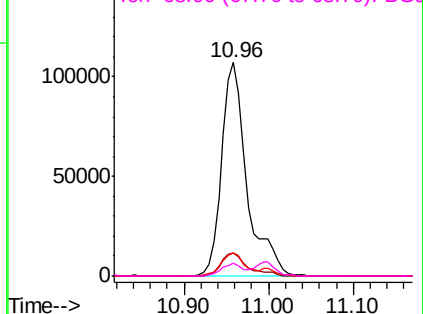
137 10.9 9.1 13.7

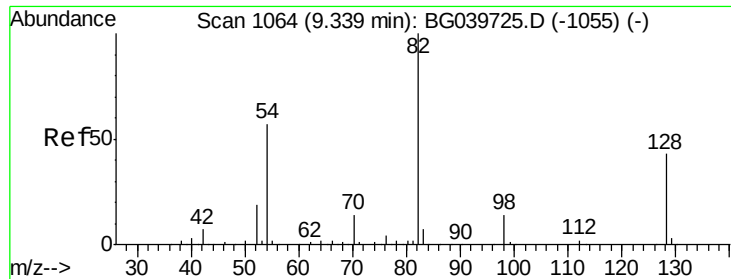
54 10.9 9.4 14.2

68 5.8 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

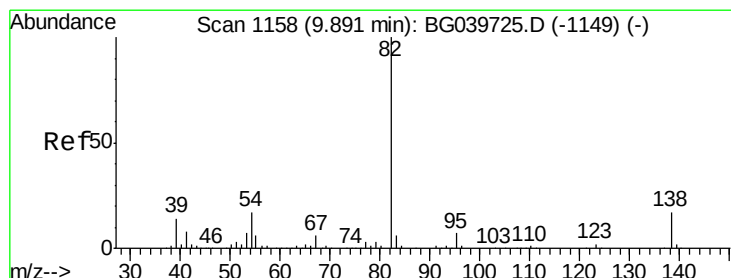
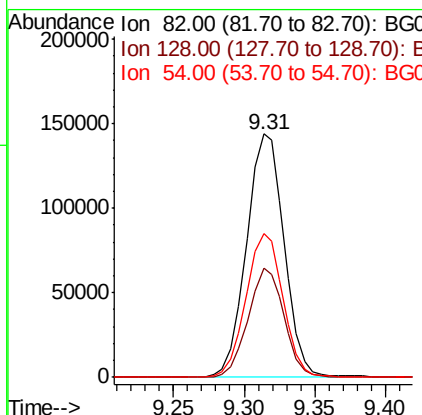
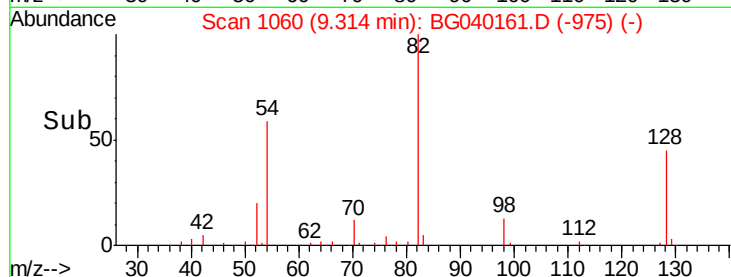
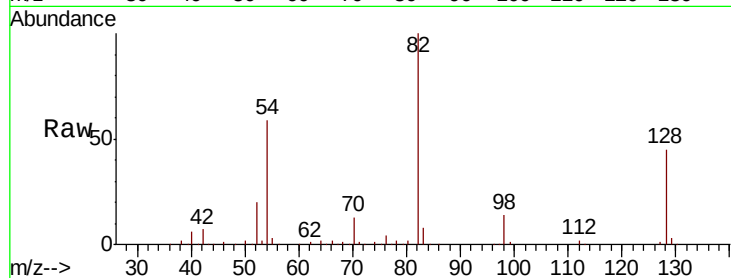




#23
Nitrobenzene-d5
Concen: 64.717 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040161.D
Acq: 27 Mar 2019 00:19

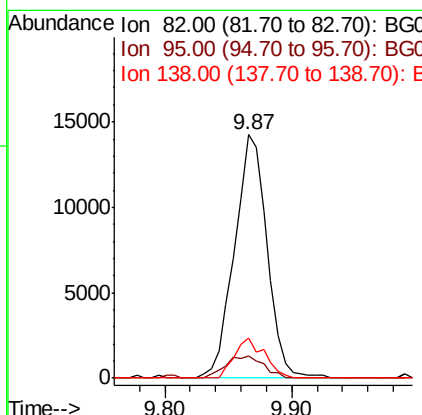
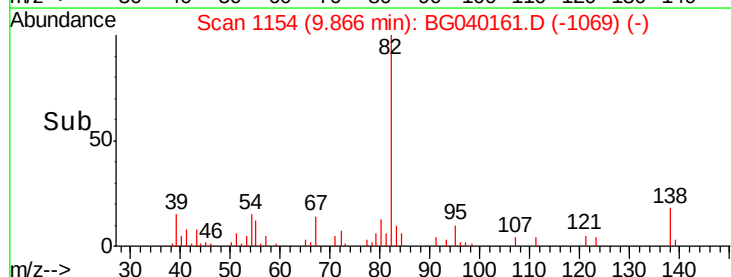
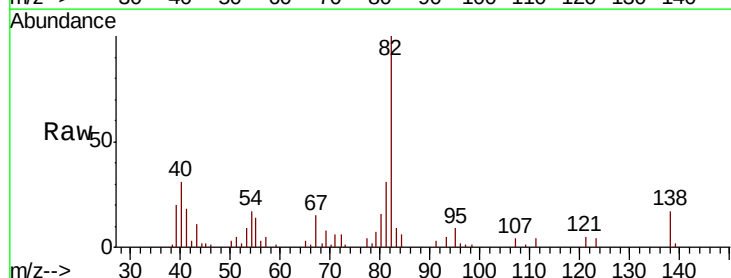
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

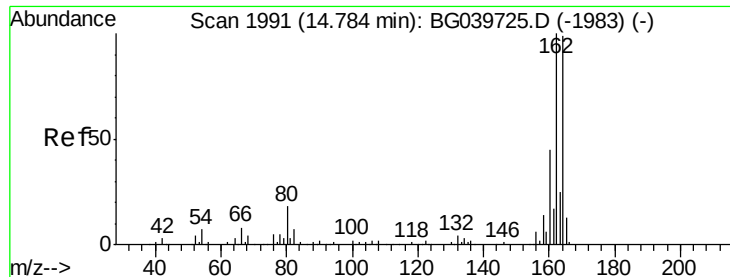
Tot Ion: 82 Resp: 268120
Ion Ratio Lower Upper
82 100
128 44.6 31.3 46.9
54 59.3 50.9 76.3



#25
Isophorone
Concen: 2.920 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG040161.D
Acq: 27 Mar 2019 00:19

Tgt Ion: 82 Resp: 25350
Ion Ratio Lower Upper
82 100
95 9.2 6.2 9.2
138 16.7 13.0 19.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.03 min

Lab File: BG040161.D

Acq: 27 Mar 2019 00:19

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-B

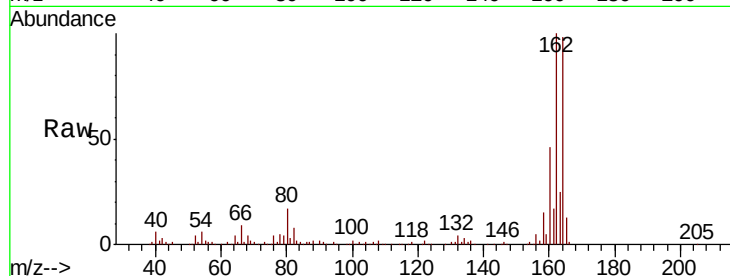
Tot Ion:164 Resp: 124771

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

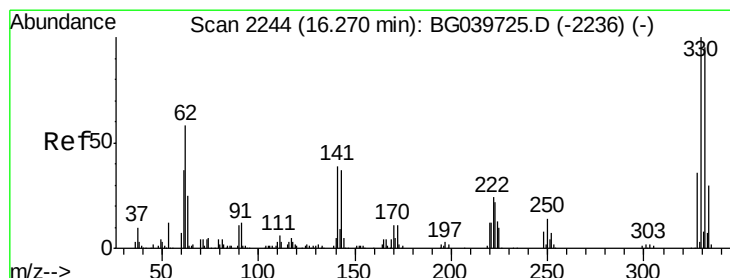
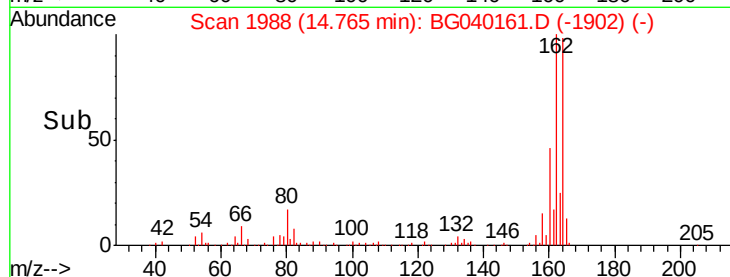
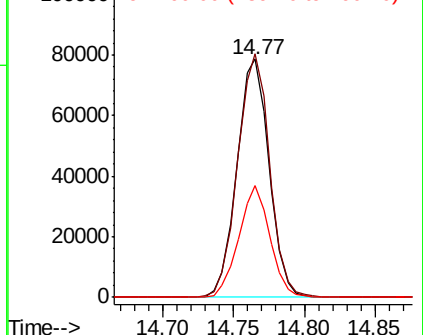
160 46.8 34.2 51.2



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: 75.878 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.03 min

Lab File: BG040161.D

Acq: 27 Mar 2019 00:19

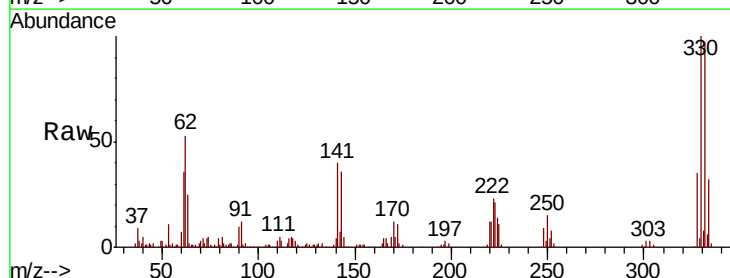
Tgt Ion:330 Resp: 110349

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

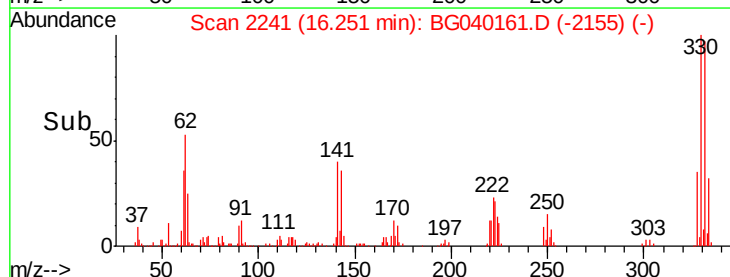
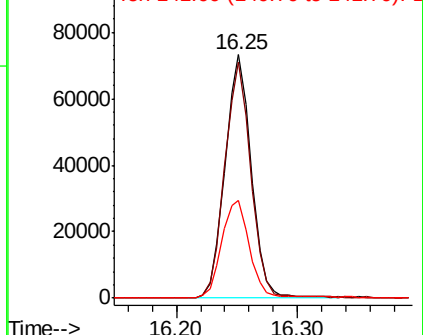
141 42.3 35.6 53.4

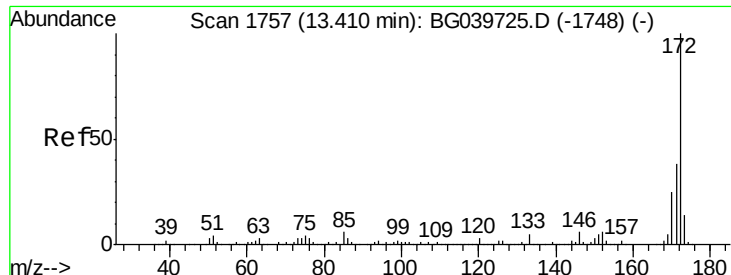


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

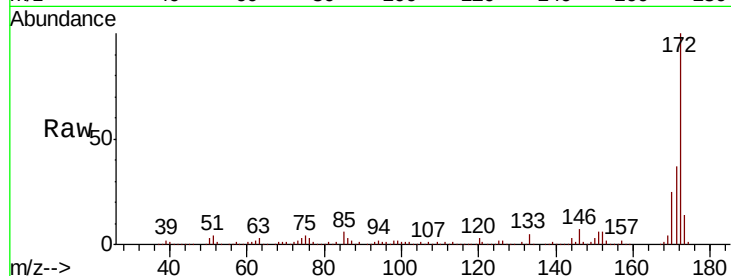




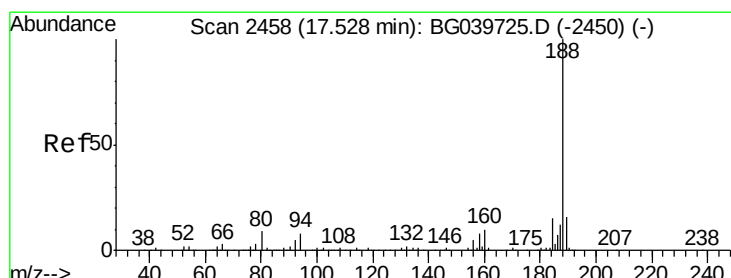
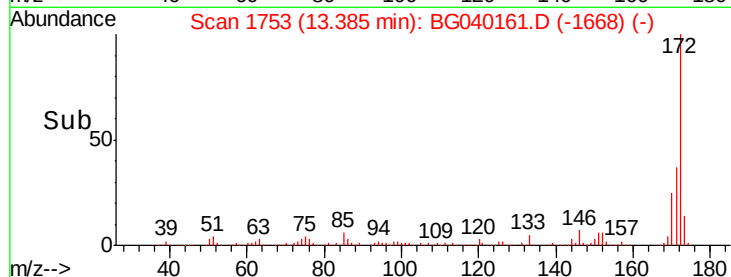
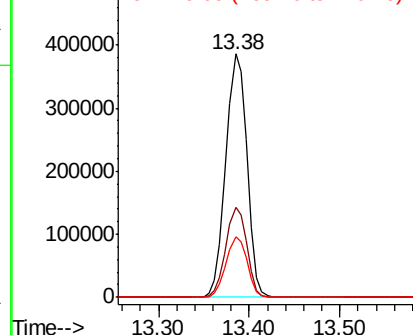
#45
2-Fluorobiphenyl
Concen: 71.251 ng
RT: 13.38 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040161.D
Acq: 27 Mar 2019 00:19

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

Tot Ion:172 Resp: 624377
Ion Ratio Lower Upper
172 100
171 37.1 30.8 46.2
170 24.7 20.2 30.4

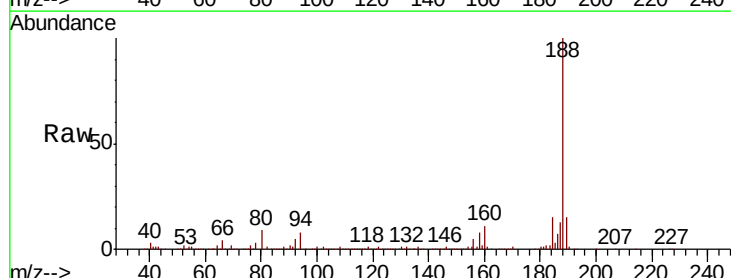


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

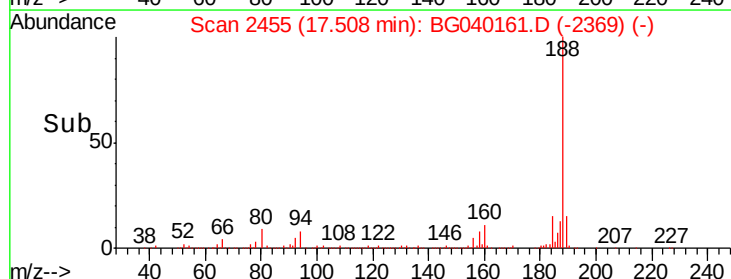
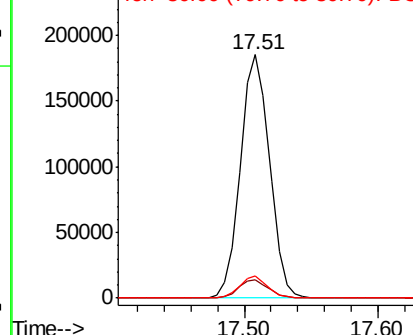


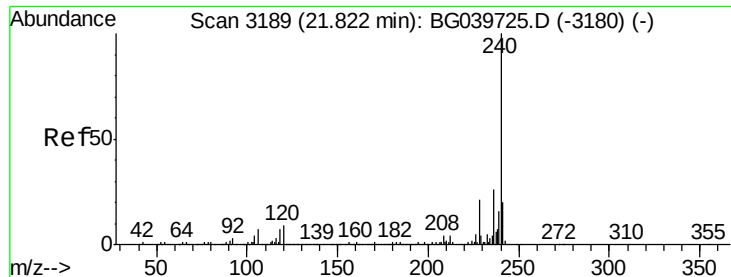
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.03 min
Lab File: BG040161.D
Acq: 27 Mar 2019 00:19

Tgt Ion:188 Resp: 279291
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.3 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

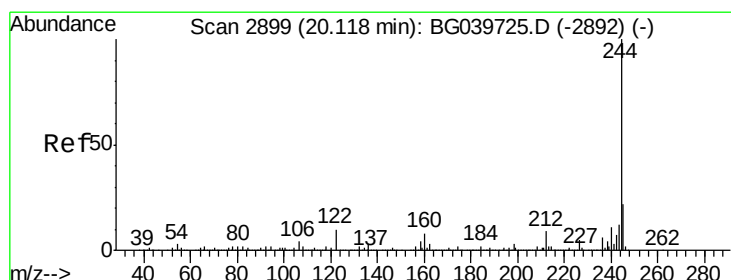
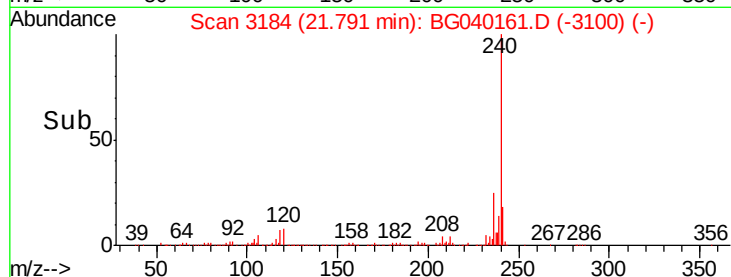
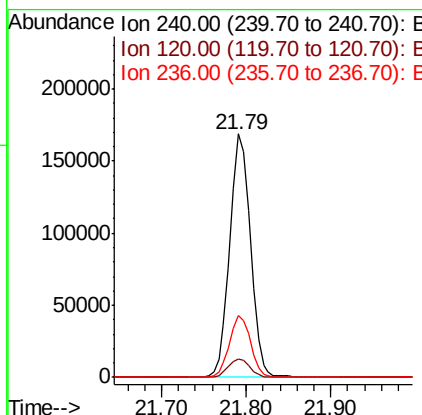
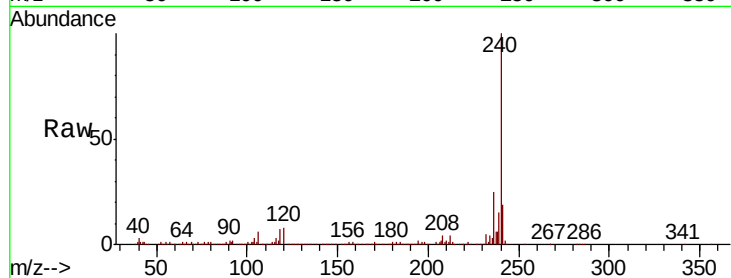




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040161.D
Acq: 27 Mar 2019 00:19

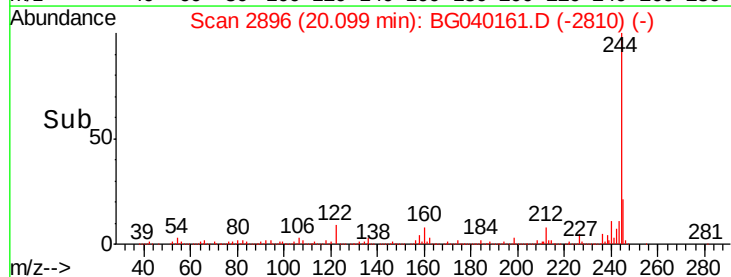
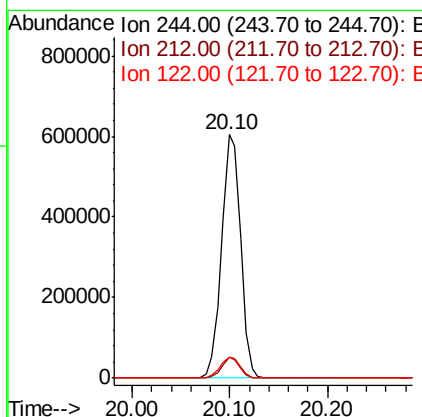
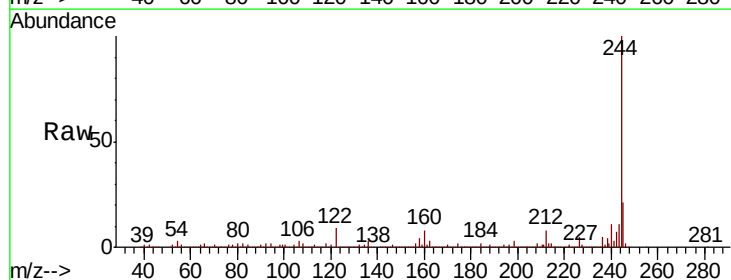
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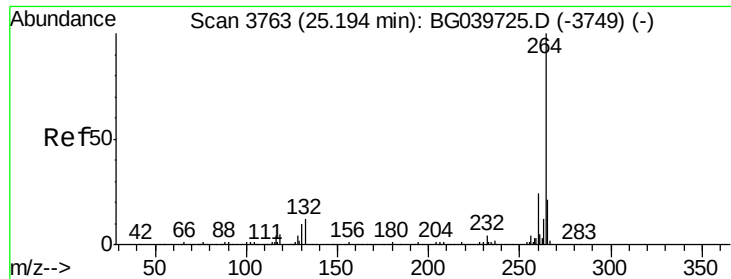
Tot Ion:240 Resp: 284192
Ion Ratio Lower Upper
240 100
120 7.6 7.0 10.6
236 25.4 21.0 31.4



#79
Terphenyl-d14
Concen: 63.224 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040161.D
Acq: 27 Mar 2019 00:19

Tgt Ion:244 Resp: 816046
Ion Ratio Lower Upper
244 100
212 8.4 7.3 10.9
122 8.7 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040161.D
Acq: 27 Mar 2019 00:19

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

Tot Ion: 264 Resp: 294380

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.7	18.5	27.7

