

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039411.D
 Acq On : 8 Feb 2019 10:43
 Operator : JU/SJ
 Sample : K1401-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3425

Quant Time: Feb 09 01:12:58 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	8.18	152	49330	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	219156	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	139609	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	335302	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	385830	20.00	ng	-0.01
87) Perylene-d12	25.22	264	354985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	404092	140.20	ng	0.00
7) Phenol-d6	7.31	99	522902	123.25	ng	0.00
23) Nitrobenzene-d5	9.35	82	375216	106.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	194169	129.16	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	865052	88.89	ng	-0.01
79) Terphenyl-d14	20.14	244	1500322	82.31	ng	-0.01

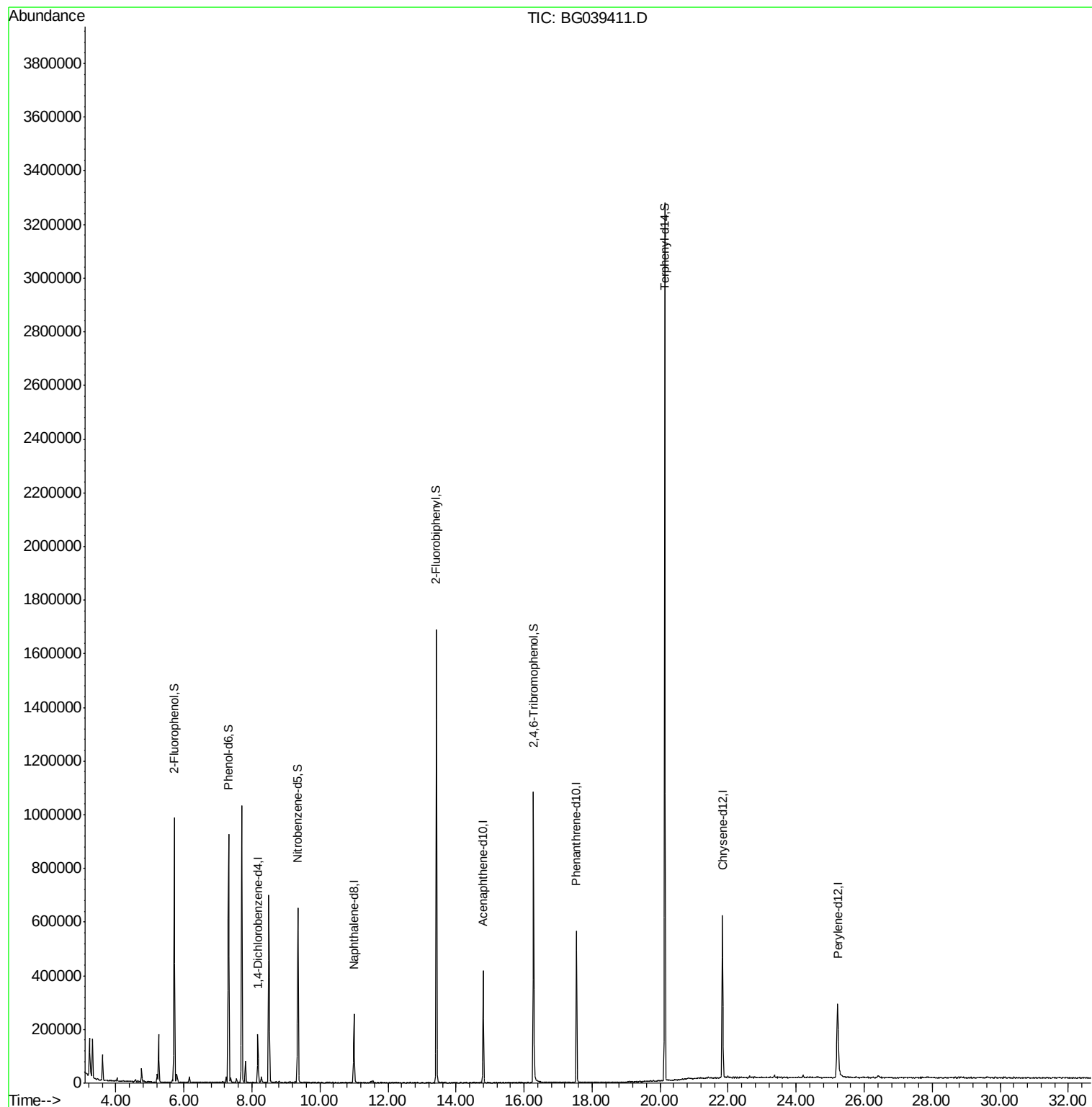
Target Compounds Qvalue

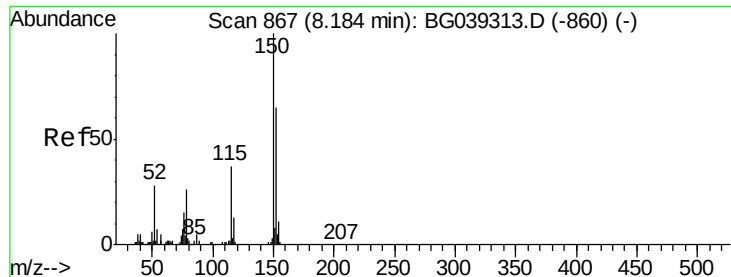
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

Instrument :

BNA_G

ClientSampleId :

RT-3425

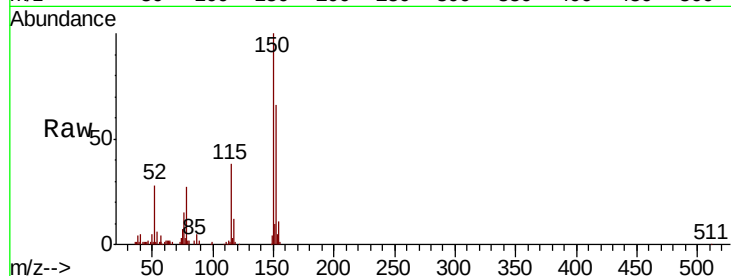
Tot Ion:152 Resp: 49330

Ion Ratio Lower Upper

152 100

150 150.8 123.7 185.5

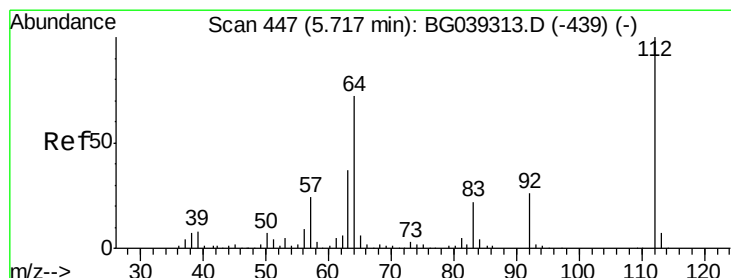
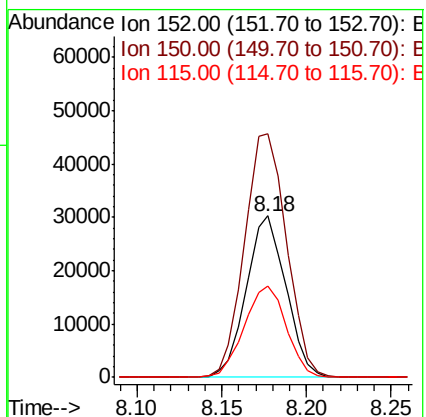
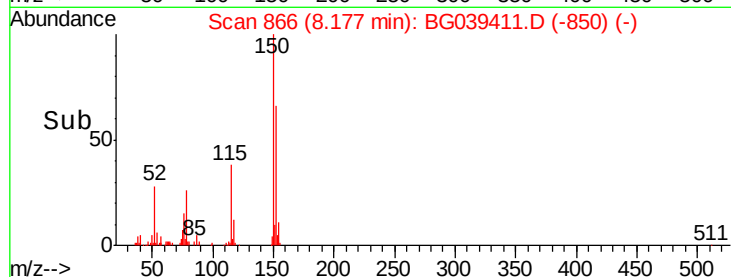
115 56.8 45.9 68.9



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: 140.200 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

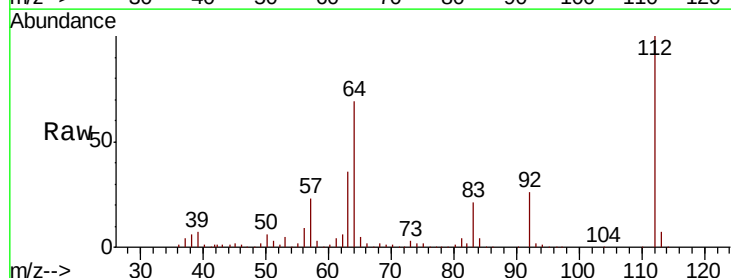
Tgt Ion:112 Resp: 404092

Ion Ratio Lower Upper

112 100

64 68.8 57.8 86.8

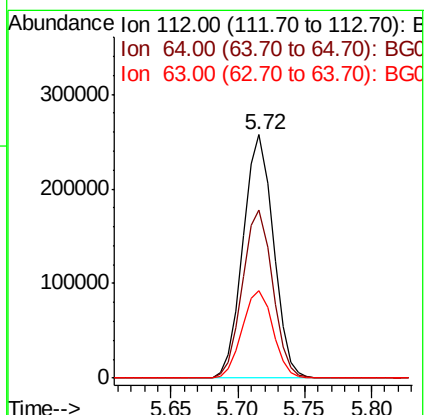
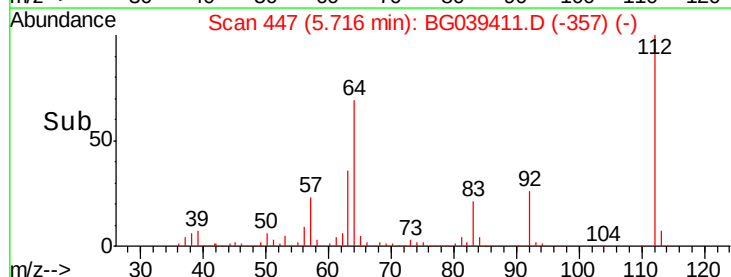
63 36.0 29.8 44.6

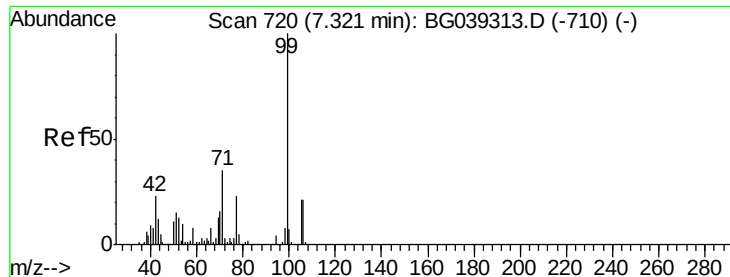


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.251 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

Instrument :

BNA_G

ClientSampleId :

RT-3425

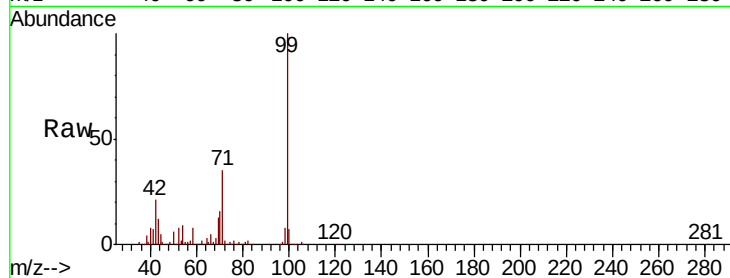
Tot Ion: 99 Resp: 522902

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.2

71 35.2 28.0 42.0

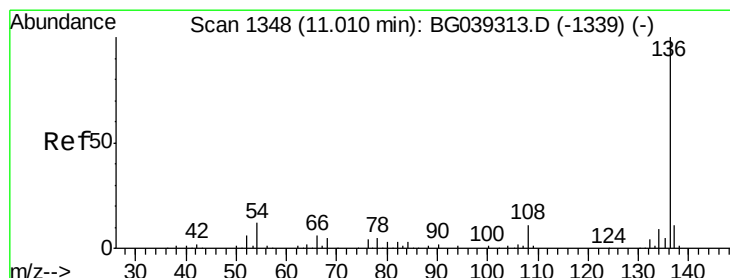
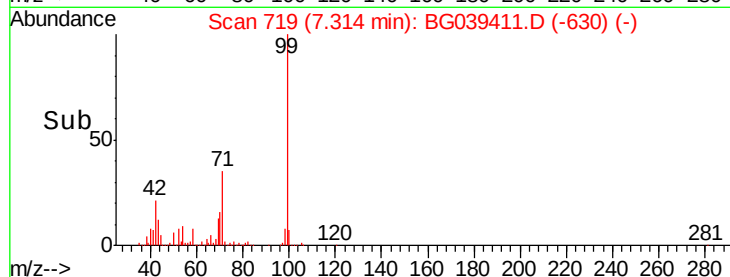
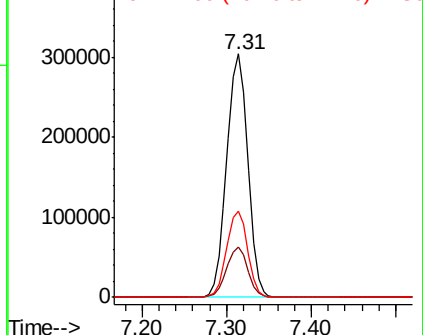


Abundance

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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

Tgt Ion: 136 Resp: 219156

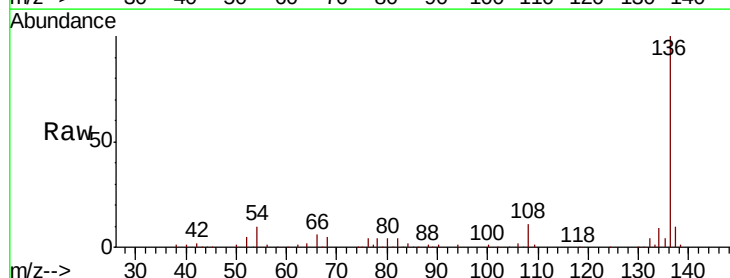
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 10.4 9.4 14.2

68 5.5 4.2 6.4



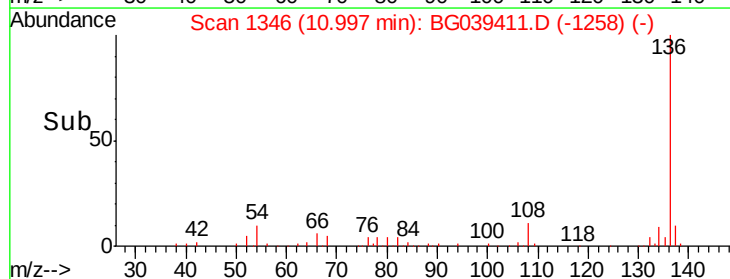
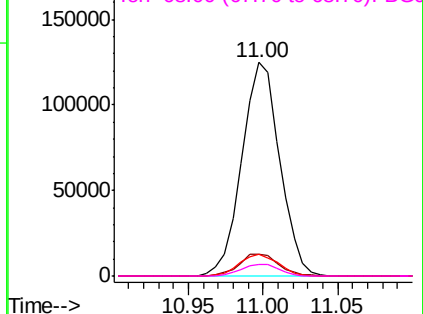
Abundance

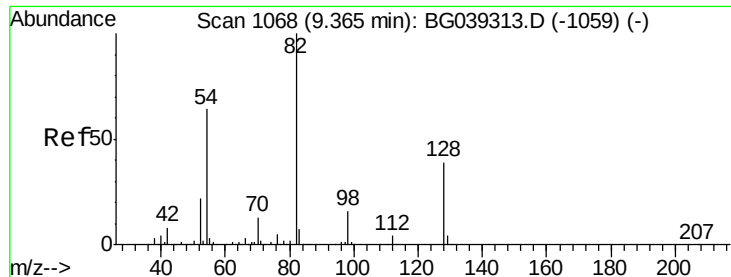
Ion 136.00 (135.70 to 136.70): BGC

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

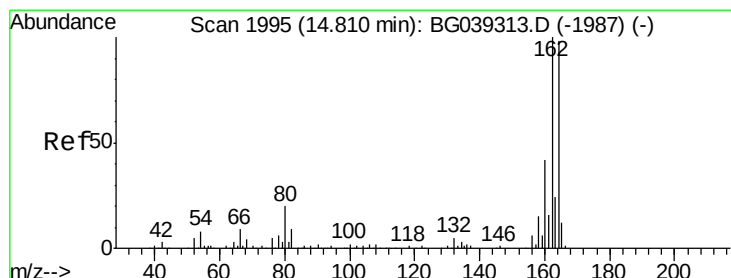
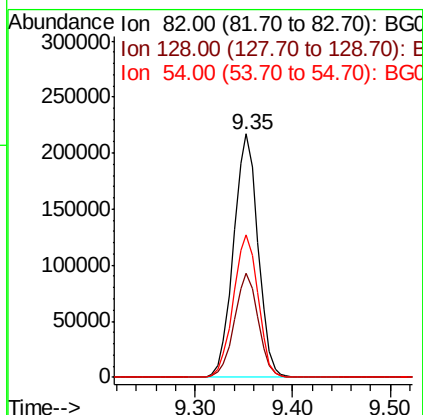
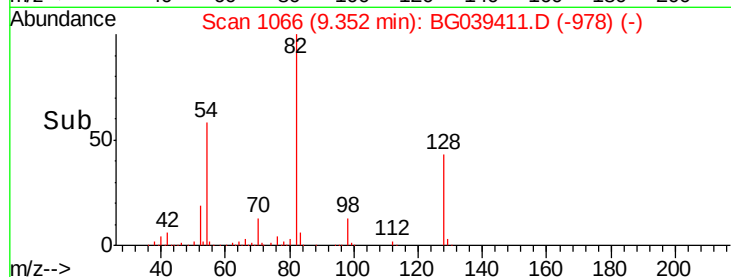
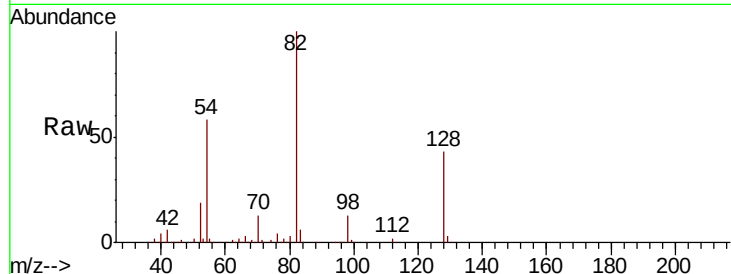




#23
Nitrobenzene-d5
Concen: 106.957 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

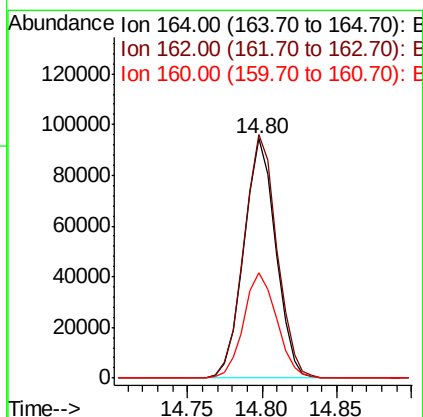
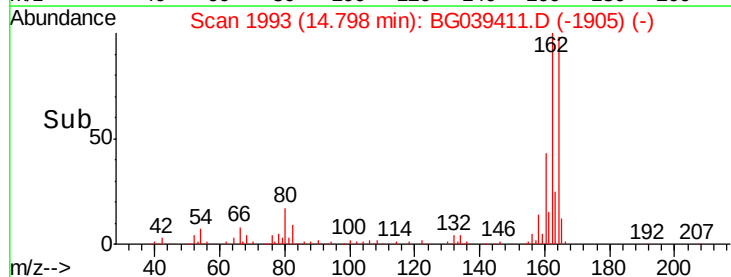
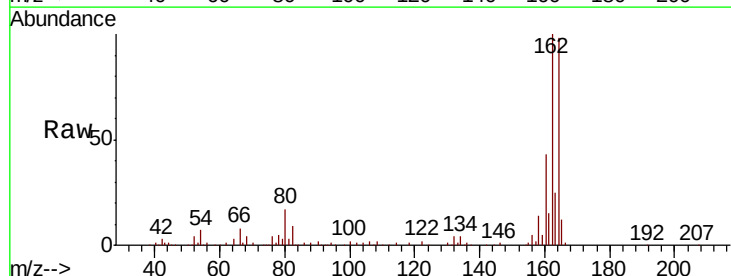
Instrument :
BNA_G
ClientSampleId :
RT-3425

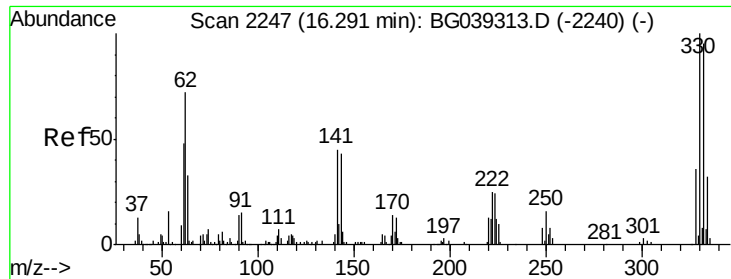
Tot Ion	82	Resp	375216
Ion Ratio	100	Lower	Upper
128	42.6	31.3	46.9
54	58.4	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039411.D
Acq: 8 Feb 2019 10:43

Tgt Ion	164	Resp	139609
Ion Ratio	100	Lower	Upper
162	101.6	81.6	122.4
160	44.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 129.158 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

Instrument :

BNA_G

ClientSampleId :

RT-3425

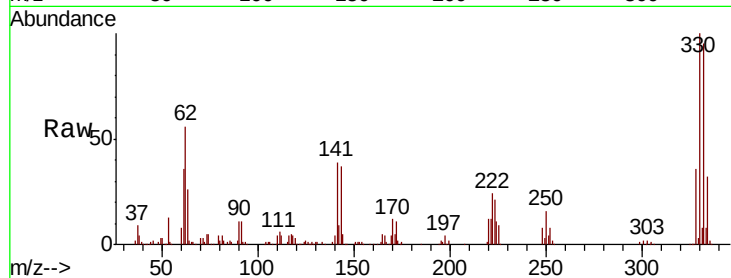
Tot Ion:330 Resp: 194169

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

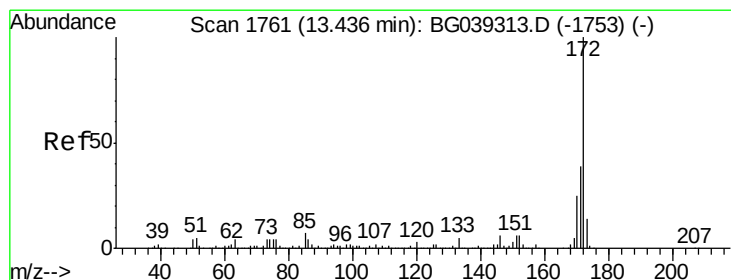
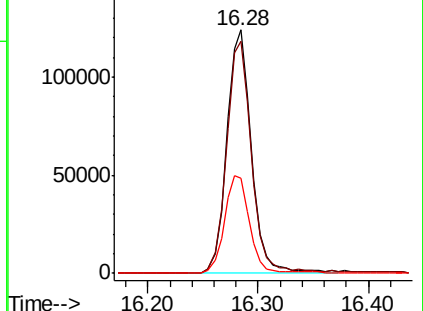
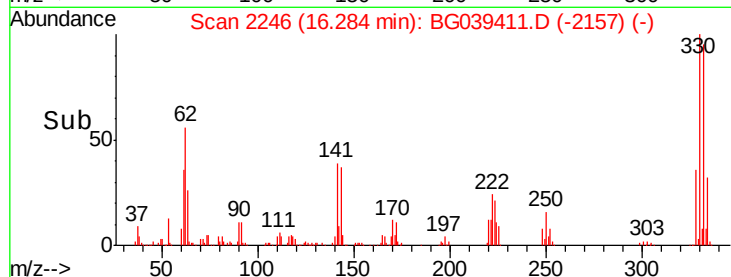
141 41.0 35.6 53.4



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: 88.888 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

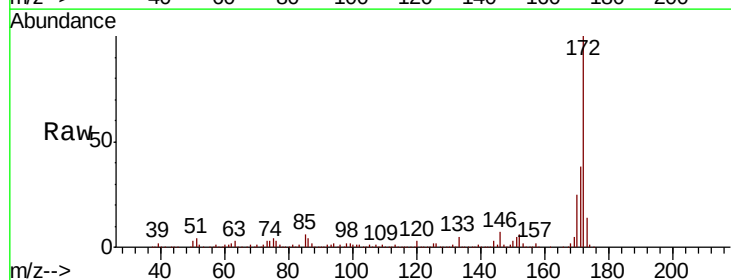
Tgt Ion:172 Resp: 865052

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

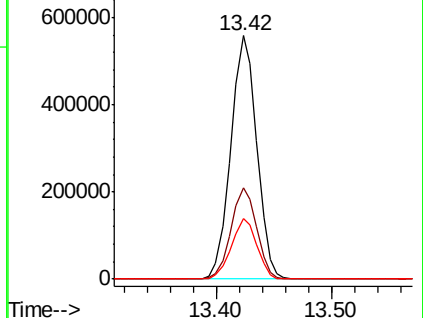
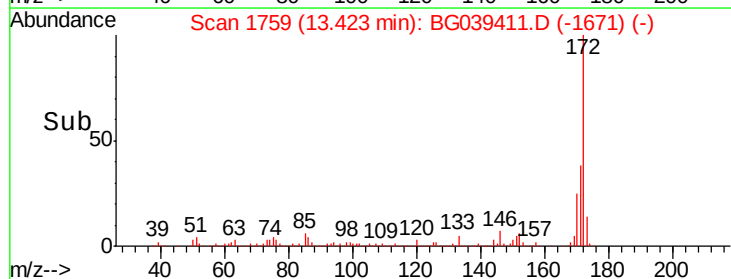
170 25.1 20.2 30.4

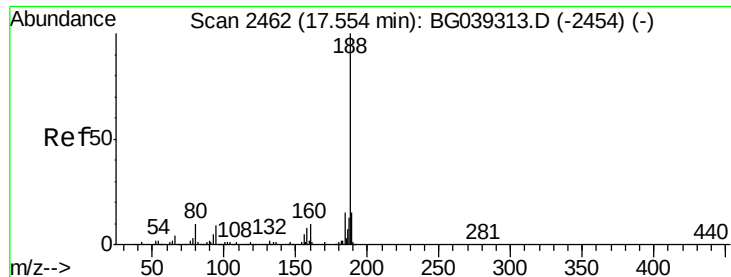


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

Instrument :

BNA_G

ClientSampleId :

RT-3425

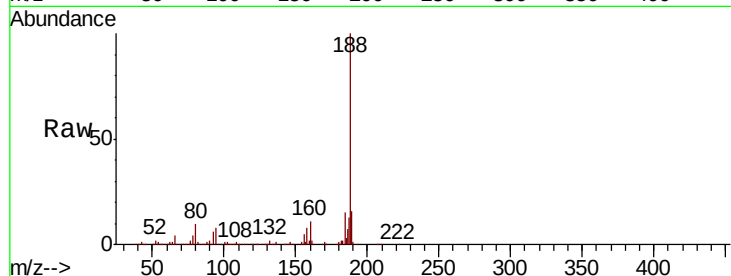
Tot Ion:188 Resp: 335302

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 9.6 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

300000

250000

200000

150000

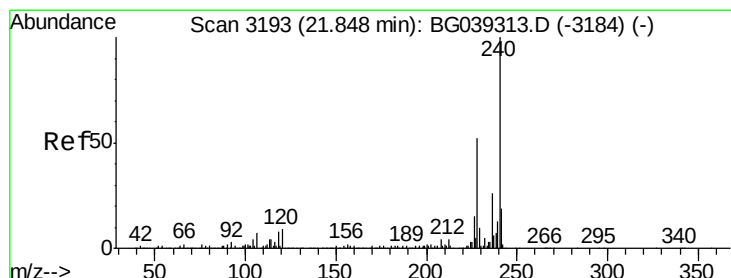
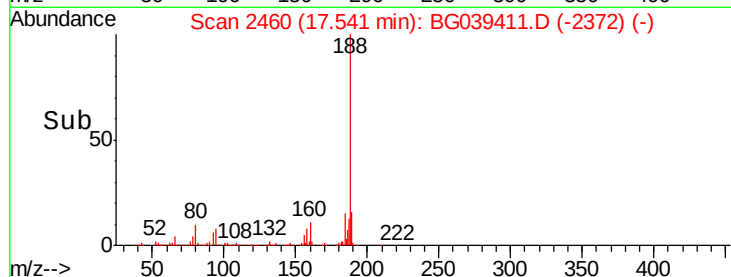
100000

50000

0

17.45 17.50 17.55 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

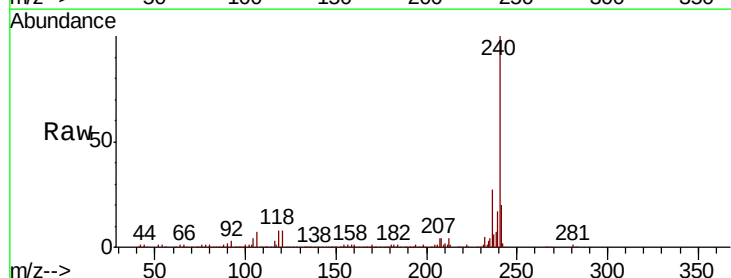
Tgt Ion:240 Resp: 385830

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

236 27.1 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

300000

250000

200000

150000

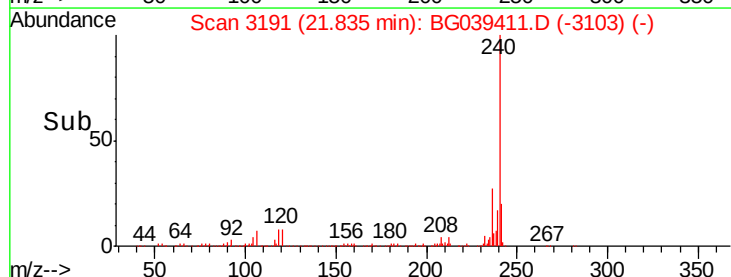
100000

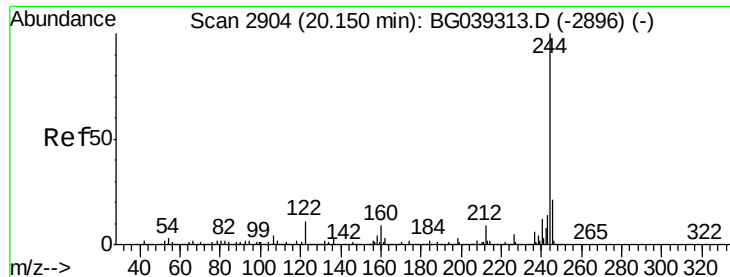
50000

0

21.70 21.80 21.90 22.00

Time-->





#79

Terphenyl-d14

Concen: 82.309 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

Instrument :

BNA_G

ClientSampled :

RT-3425

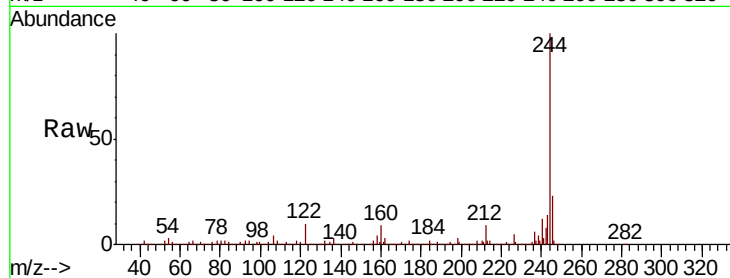
Tot Ion:244 Resp: 1500322

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

122 10.0 8.4 12.6

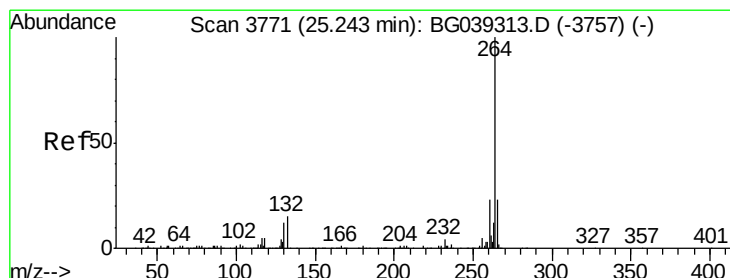
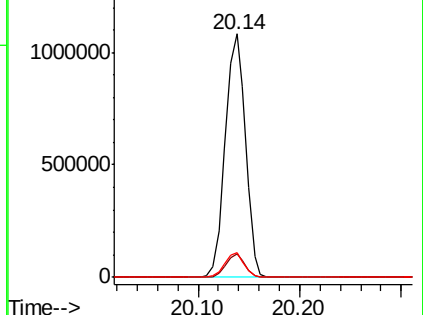
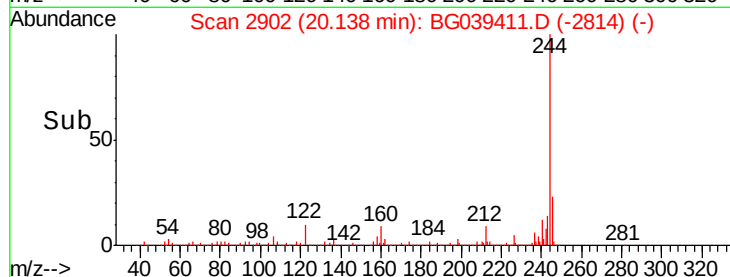


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039411.D

Acq: 8 Feb 2019 10:43

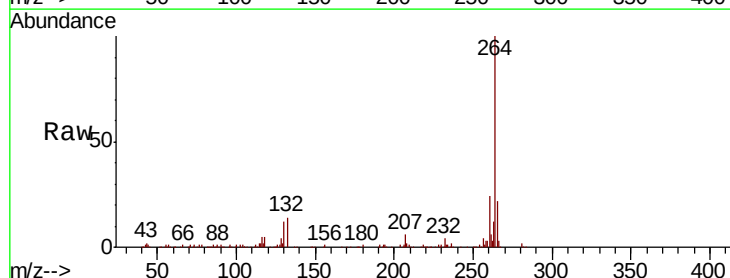
Tgt Ion:264 Resp: 354985

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.5 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

