

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039453.D
 Acq On : 12 Feb 2019 3:20
 Operator : JU/SJ
 Sample : K1442-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-10

Quant Time: Feb 12 04:43:43 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	8.17	152	53974	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	235188	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	163097	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	407193	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	424188	20.00	ng	-0.02
87) Perylene-d12	25.21	264	424470	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	469007	148.72	ng	0.00
7) Phenol-d6	7.31	99	634439	136.67	ng	-0.02
23) Nitrobenzene-d5	9.35	82	432574	114.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	288218	164.11	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1060793	93.30	ng	-0.02
79) Terphenyl-d14	20.13	244	1718888	85.77	ng	-0.02

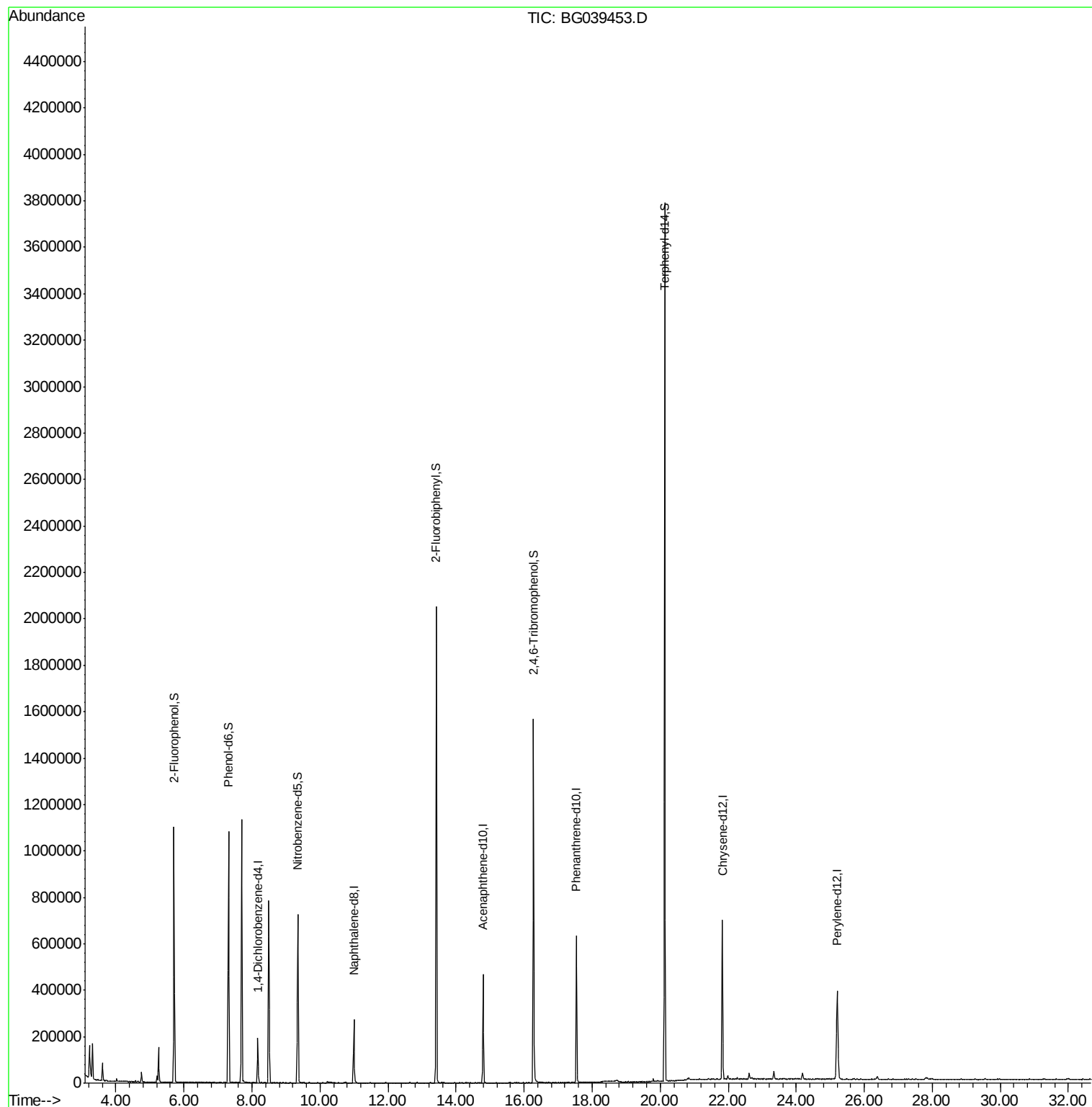
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

Instrument :

BNA_G

ClientSampleId :

COMP-10

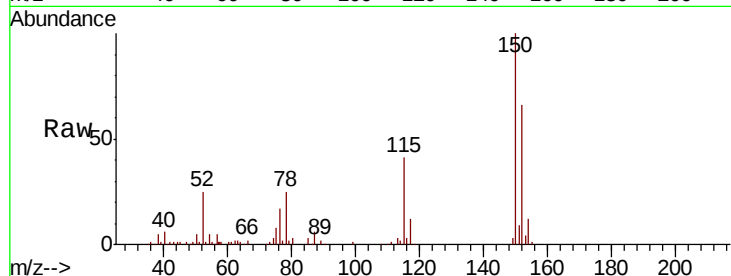
Tot Ion:152 Resp: 53974

Ion Ratio Lower Upper

152 100

150 151.2 123.7 185.5

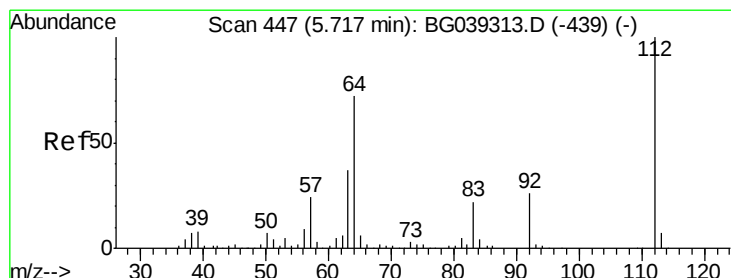
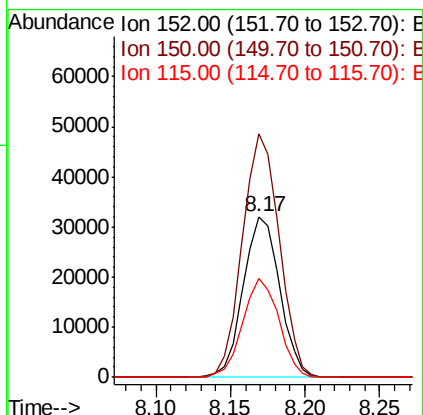
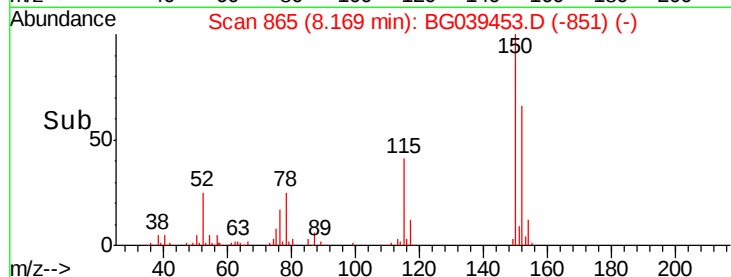
115 61.6 45.9 68.9



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: 148.722 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

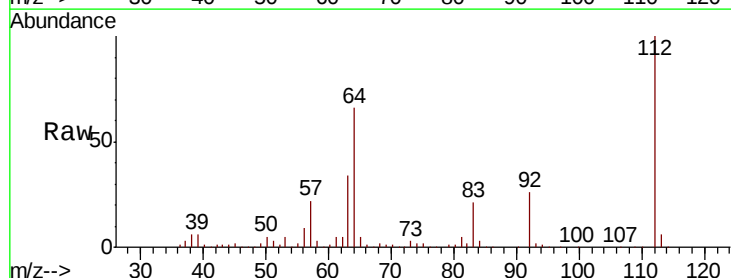
Tgt Ion:112 Resp: 469007

Ion Ratio Lower Upper

112 100

64 66.5 57.8 86.8

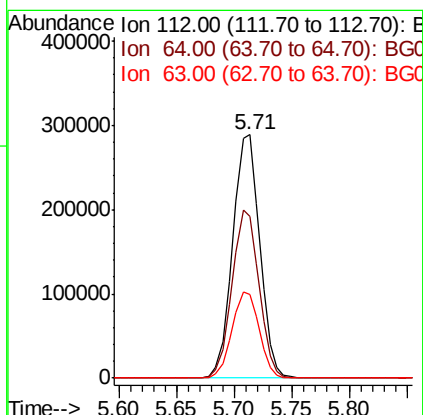
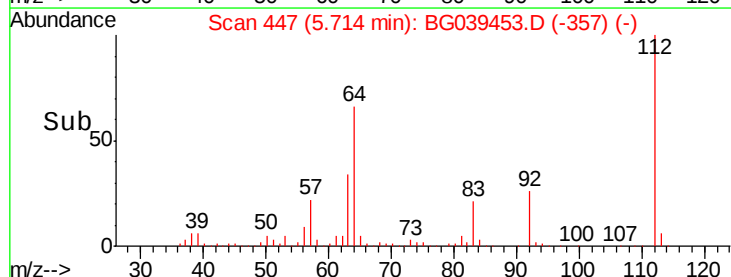
63 34.5 29.8 44.6

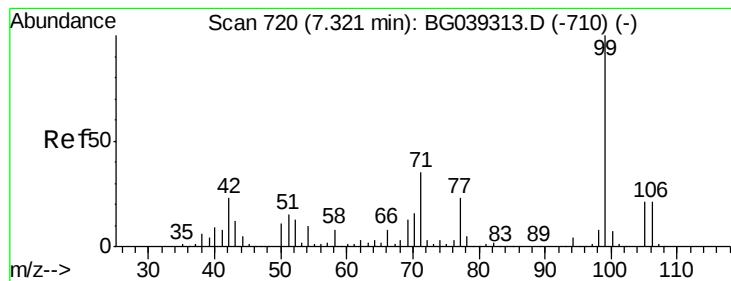


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.674 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

Instrument :

BNA_G

ClientSampleId :

COMP-10

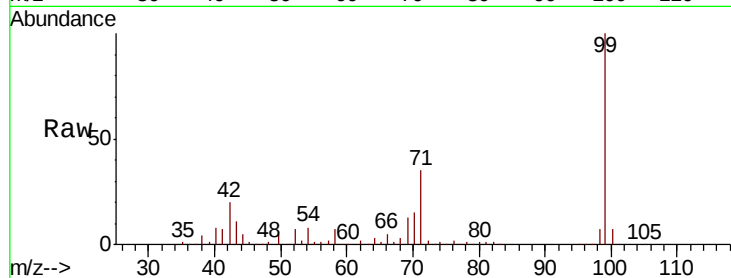
Tot Ion: 99 Resp: 634439

Ion Ratio Lower Upper

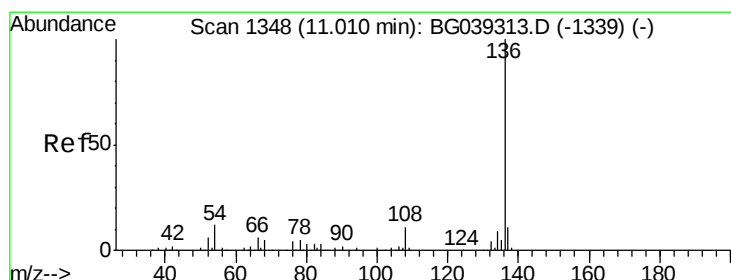
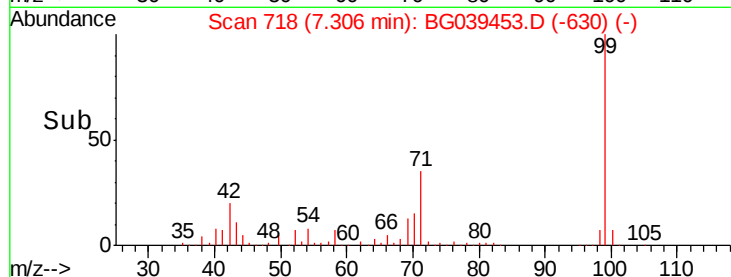
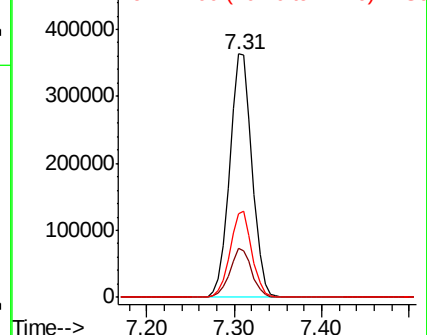
99 100

42 20.2 18.2 27.2

71 34.6 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: 10.99 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

Tgt Ion: 136 Resp: 235188

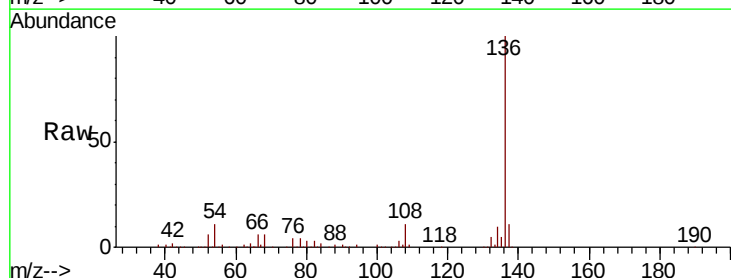
Ion Ratio Lower Upper

136 100

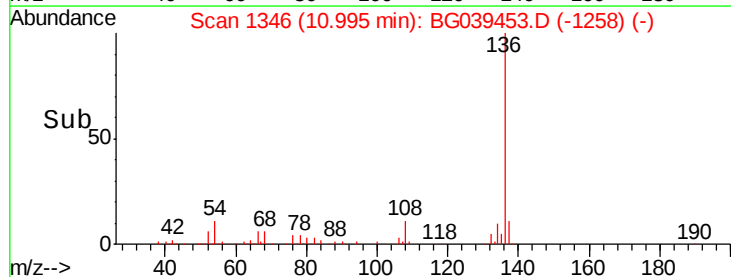
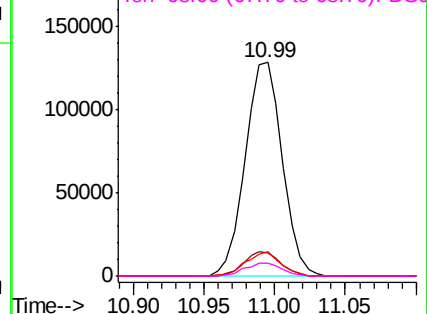
137 10.7 9.1 13.7

54 11.3 9.4 14.2

68 6.0 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

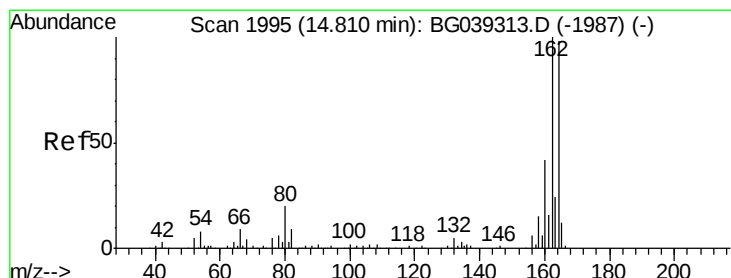
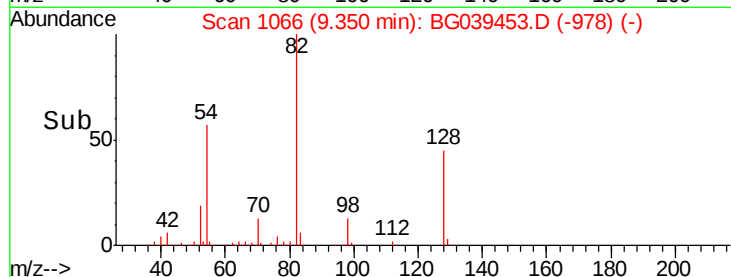
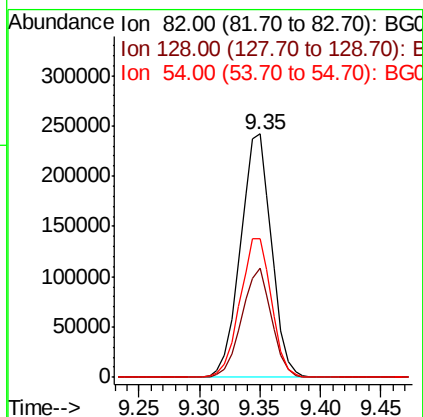
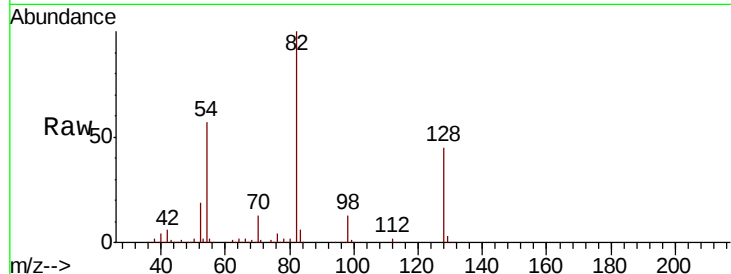




#23
 Nitrobenzene-d5
 Concen: 114.902 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039453.D
 Acq: 12 Feb 2019 3:20

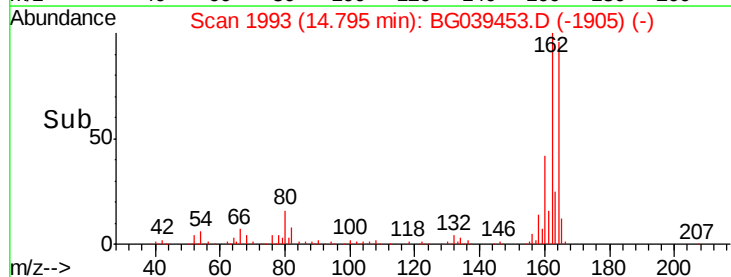
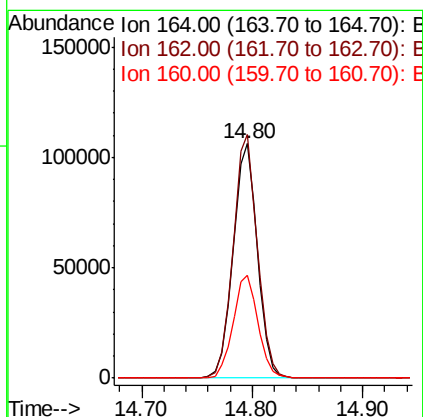
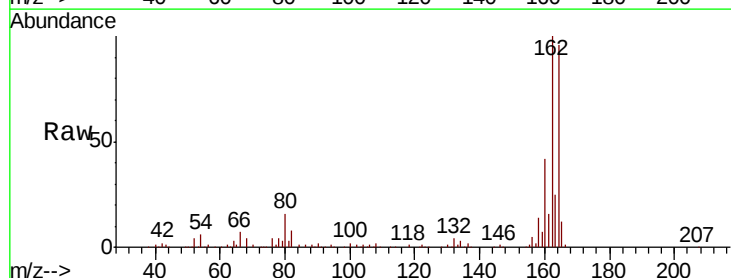
Instrument :
 BNA_G
 ClientSampleId :
 COMP-10

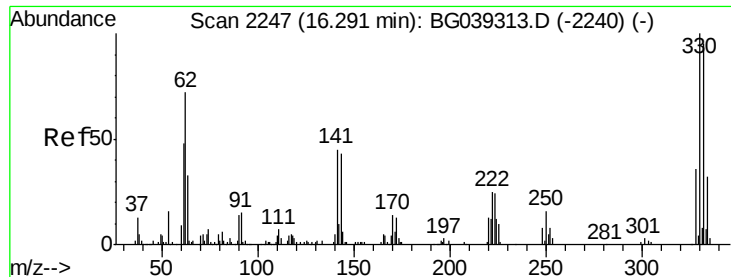
Tot Ion	82	Resp	432574
Ion Ratio	Lower	Upper	
82	100		
128	44.7	31.3	46.9
54	57.1	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BG039453.D
 Acq: 12 Feb 2019 3:20

Tgt Ion	164	Resp	163097
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.6	122.4
160	44.1	34.2	51.2

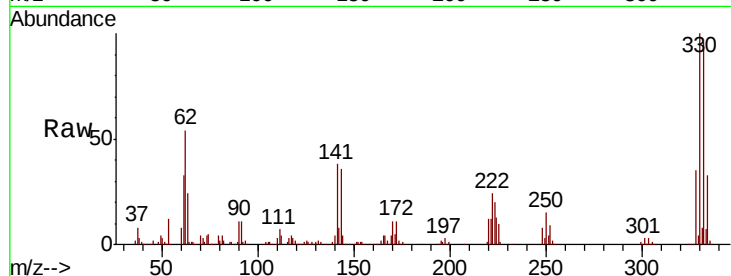




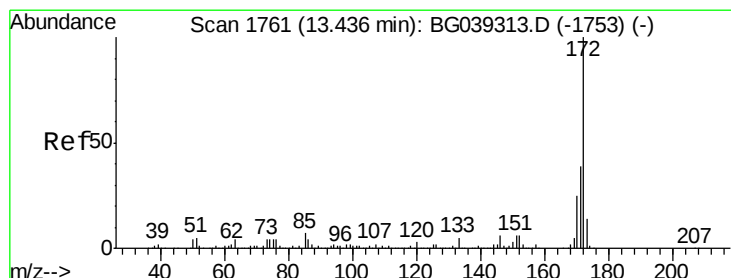
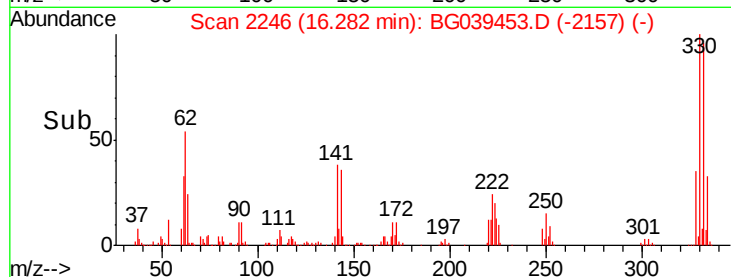
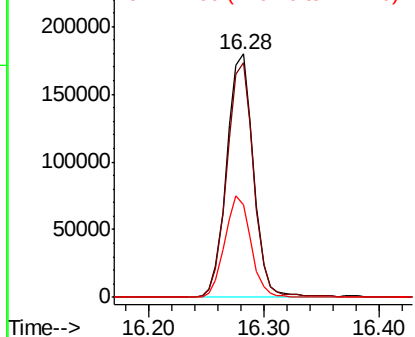
#42
 2,4,6-Tribromophenol
 Concen: 164.108 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039453.D
 Acq: 12 Feb 2019 3:20

Instrument :
 BNA_G
 ClientSampleId :
 COMP-10

Tot Ion:330 Resp: 288218
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 40.8 35.6 53.4

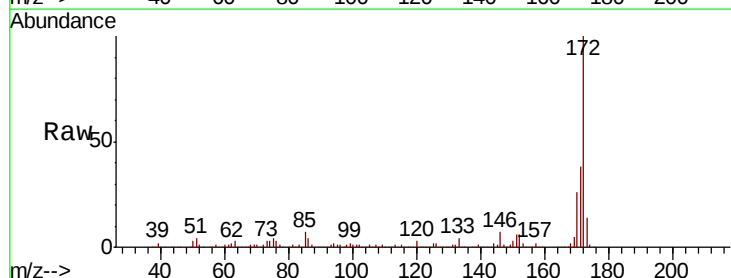


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

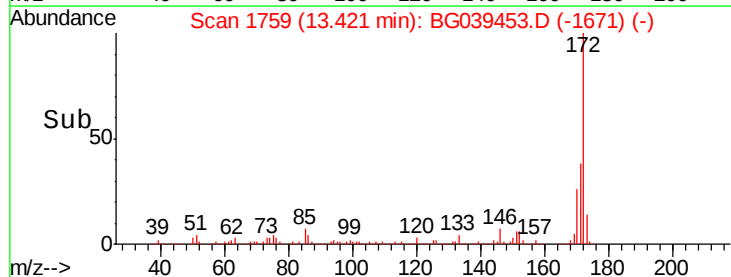
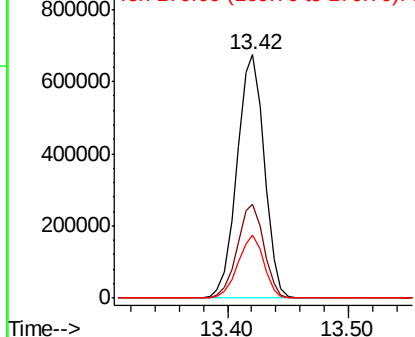


#45
 2-Fluorobiphenyl
 Concen: 93.304 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039453.D
 Acq: 12 Feb 2019 3:20

Tgt Ion:172 Resp: 1060793
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 25.9 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. -0.02 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

Instrument :

BNA_G

ClientSampleId :

COMP-10

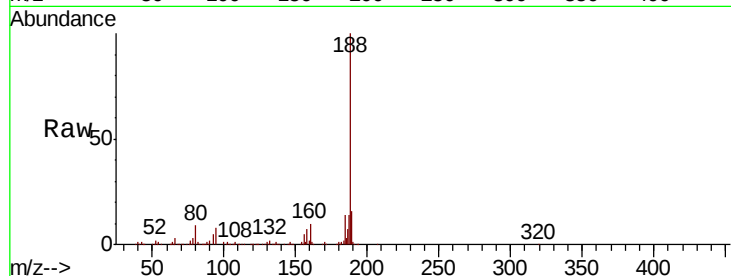
Tot Ion:188 Resp: 407193

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

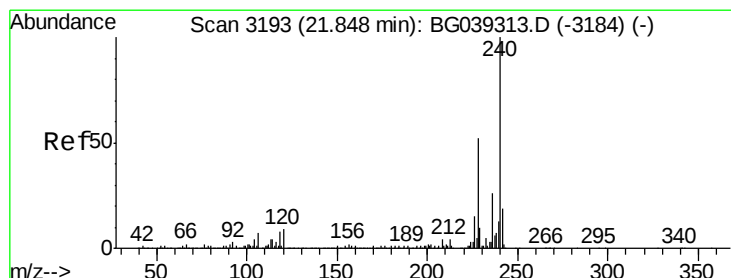
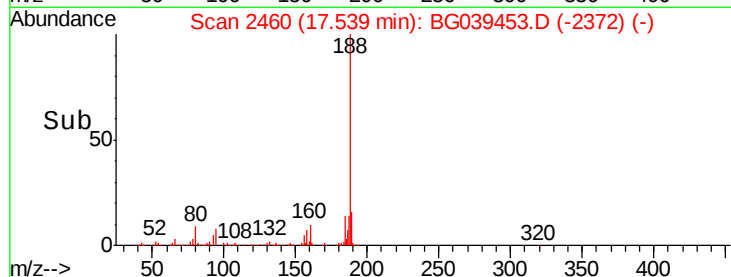
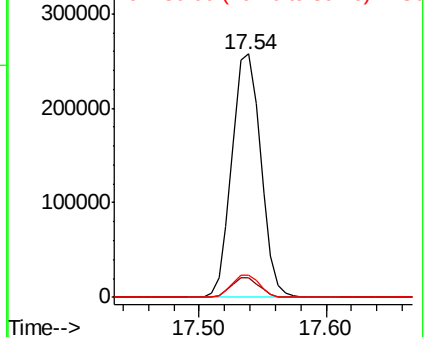
80 8.9 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

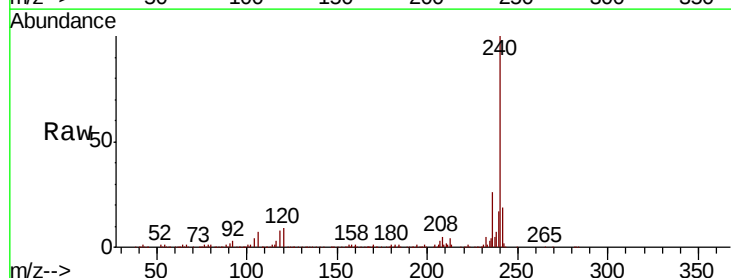
Tgt Ion:240 Resp: 424188

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

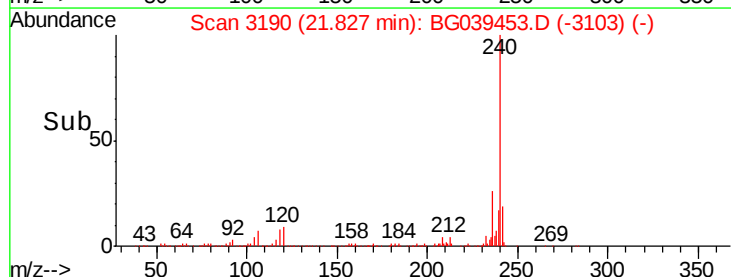
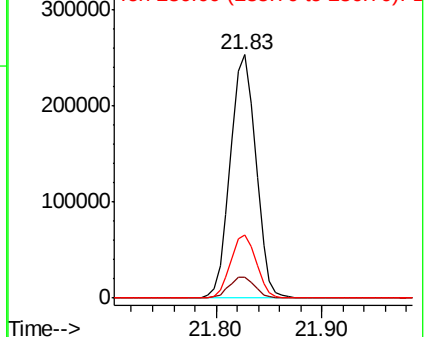
236 25.8 21.0 31.4



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: 85.772 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

Instrument :

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COMP-10

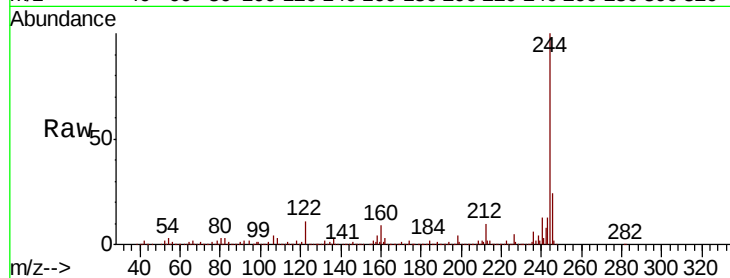
Tot Ion:244 Resp: 1718888

Ion Ratio Lower Upper

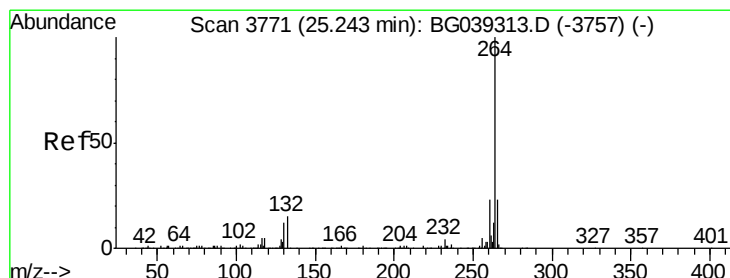
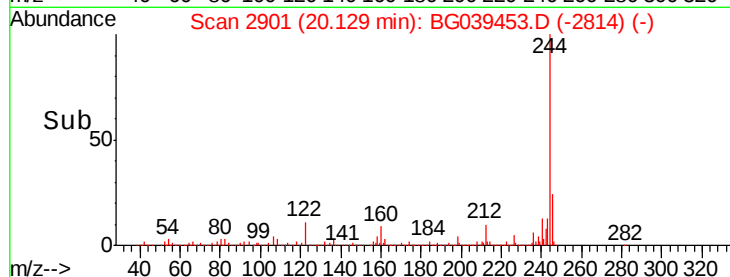
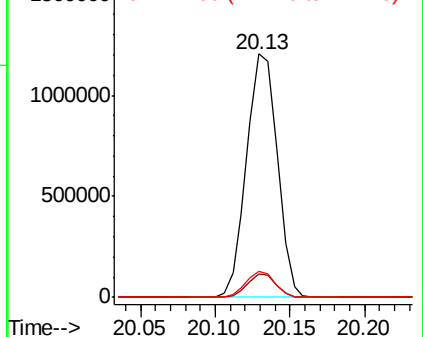
244 100

212 9.6 7.3 10.9

122 10.8 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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039453.D

Acq: 12 Feb 2019 3:20

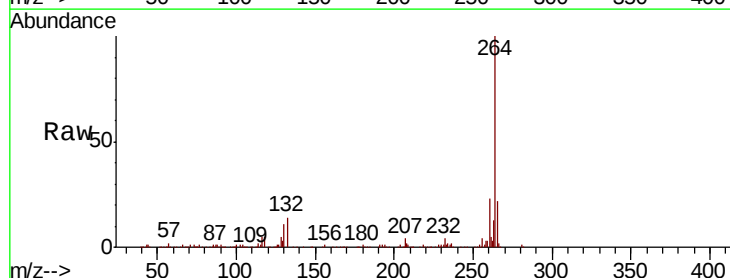
Tgt Ion:264 Resp: 424470

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.4 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

