

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039487.D
 Acq On : 13 Feb 2019 6:29
 Operator : JU/SJ
 Sample : K1459-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10-D

Quant Time: Feb 13 07:25:41 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	44151	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	206705	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	153979	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	366359	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	350241	20.00	ng	-0.02
87) Perylene-d12	25.22	264	343993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	391873	151.91	ng	0.00
7) Phenol-d6	7.31	99	542311	142.82	ng	0.00
23) Nitrobenzene-d5	9.35	82	387215	117.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	228102	137.57	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	979660	91.27	ng	-0.02
79) Terphenyl-d14	20.13	244	1479572	89.42	ng	-0.02

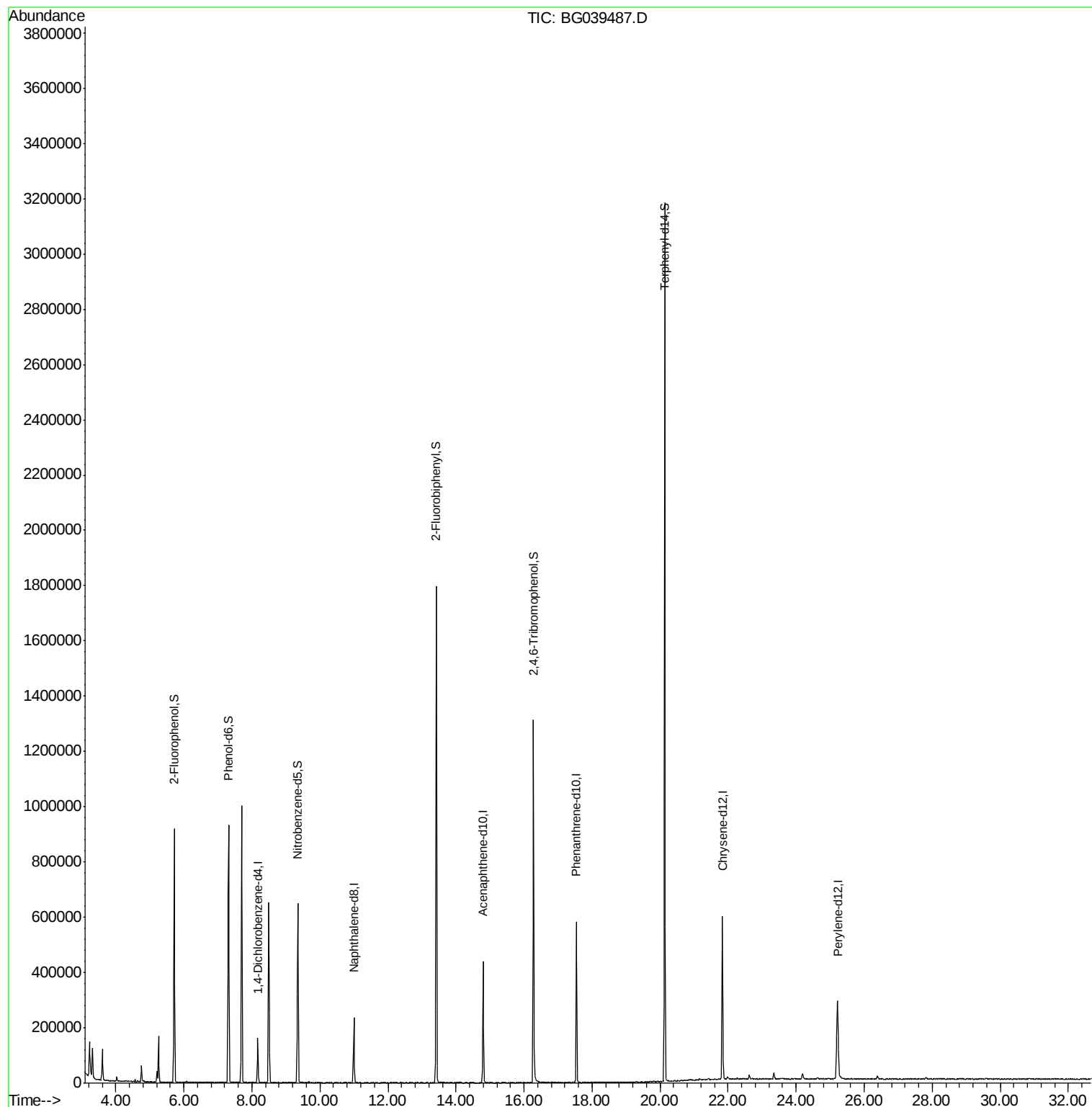
Target Compounds Qvalue

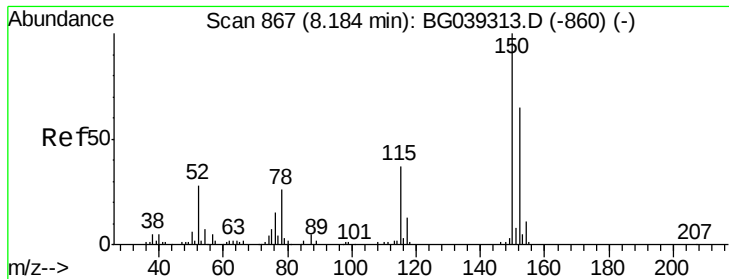
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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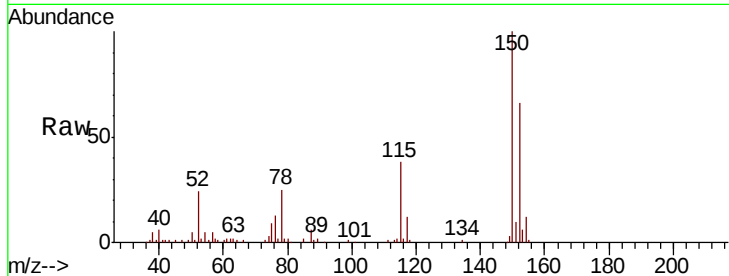


#1

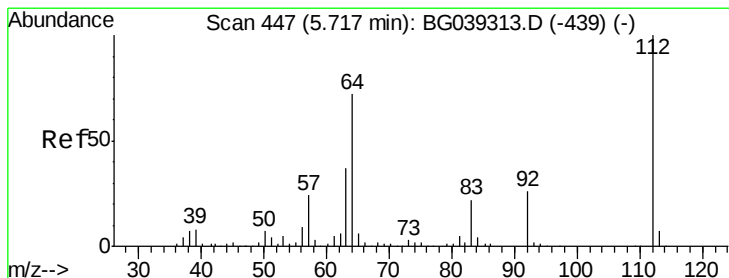
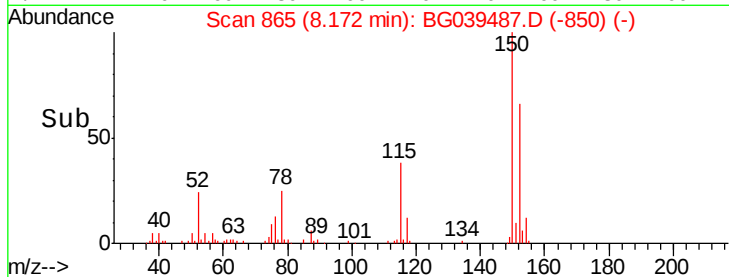
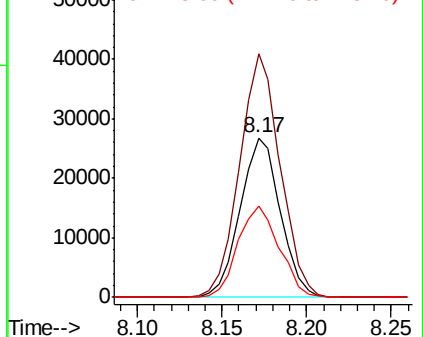
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039487.D
Acq: 13 Feb 2019 6:29

Instrument :
BNA_G
ClientSampled :
M-10-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.7	185.5
115	57.2	45.9	68.9



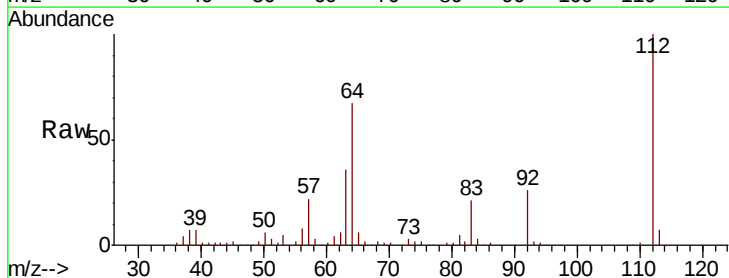
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



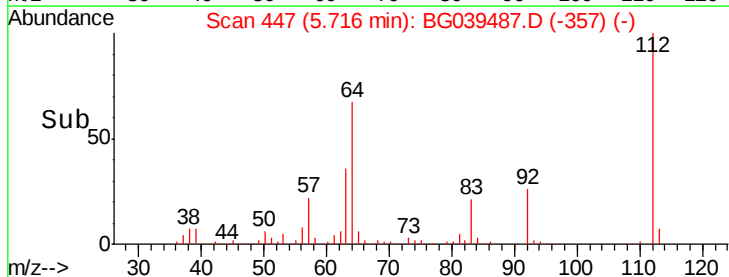
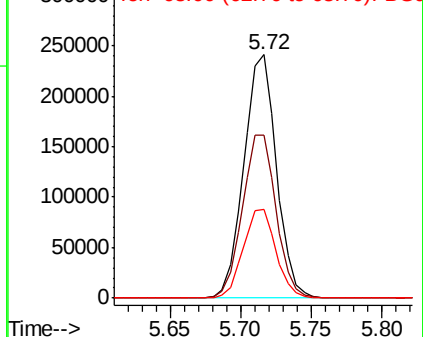
#5

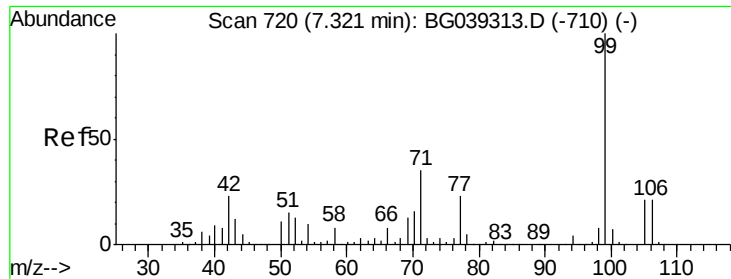
2-Fluorophenol
Concen: 151.909 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039487.D
Acq: 13 Feb 2019 6:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.819 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039487.D

Acq: 13 Feb 2019 6:29

Instrument :

BNA_G

ClientSampleId :

M-10-D

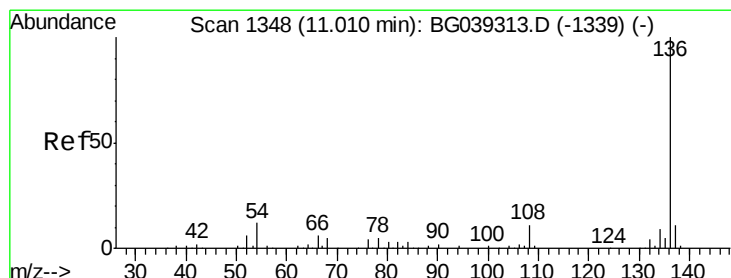
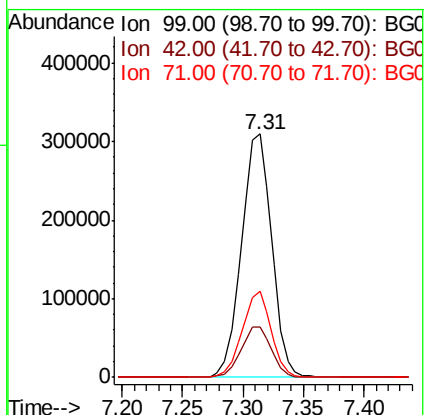
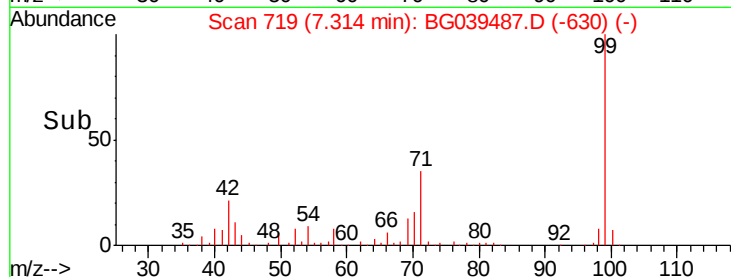
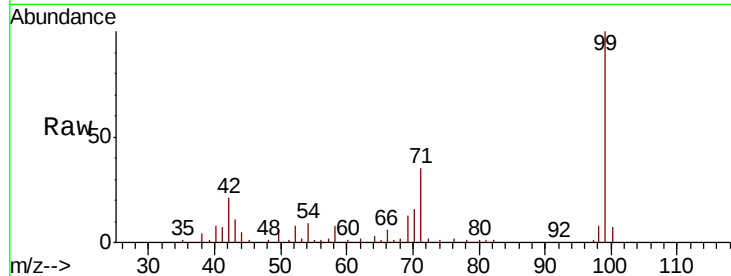
Tot Ion: 99 Resp: 542311

Ion Ratio Lower Upper

99 100

42 20.8 18.2 27.2

71 35.4 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039487.D

Acq: 13 Feb 2019 6:29

Tgt Ion: 136 Resp: 206705

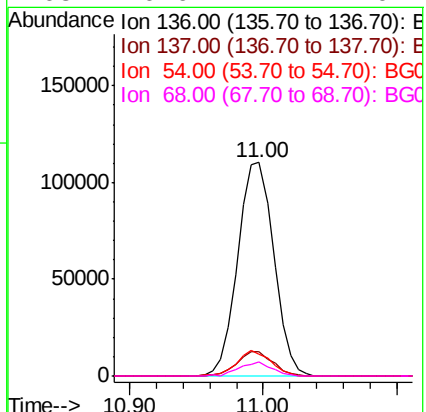
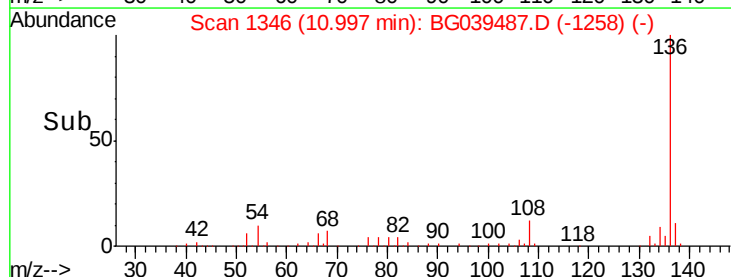
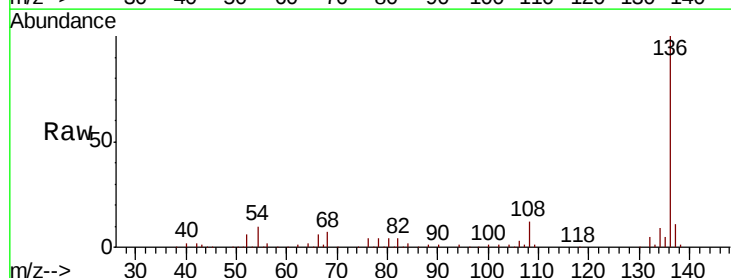
Ion Ratio Lower Upper

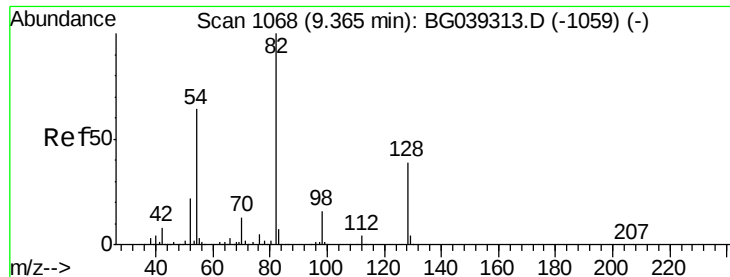
136 100

137 11.2 9.1 13.7

54 10.4 9.4 14.2

68 6.6 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 117.026 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039487.D

Acq: 13 Feb 2019 6:29

Instrument :

BNA_G

ClientSampleId :

M-10-D

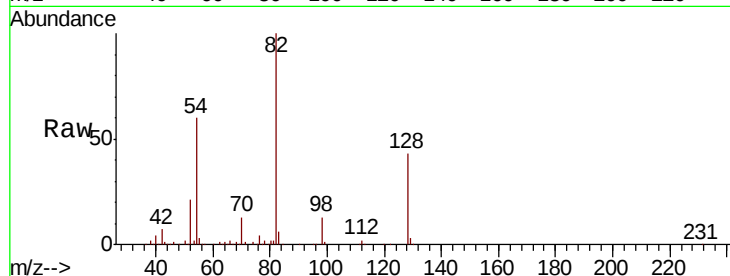
Tot Ion: 82 Resp: 387215

Ion Ratio Lower Upper

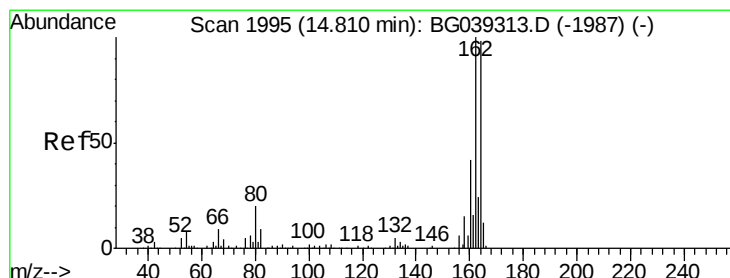
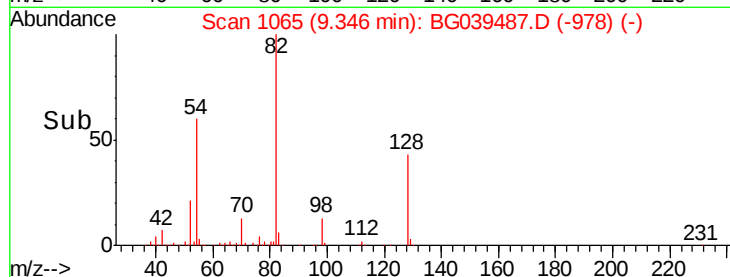
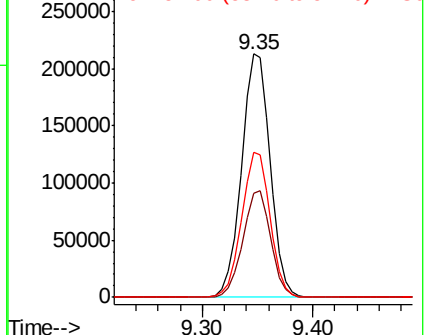
82 100

128 42.6 31.3 46.9

54 59.6 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: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039487.D

Acq: 13 Feb 2019 6:29

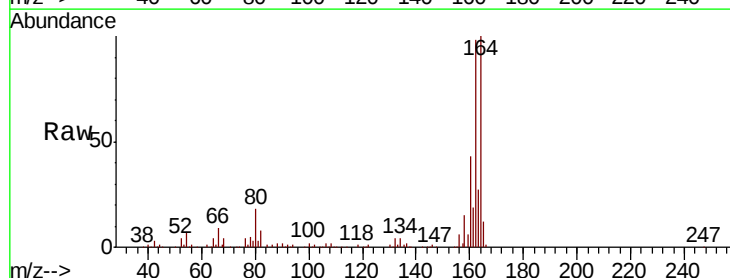
Tgt Ion:164 Resp: 153979

Ion Ratio Lower Upper

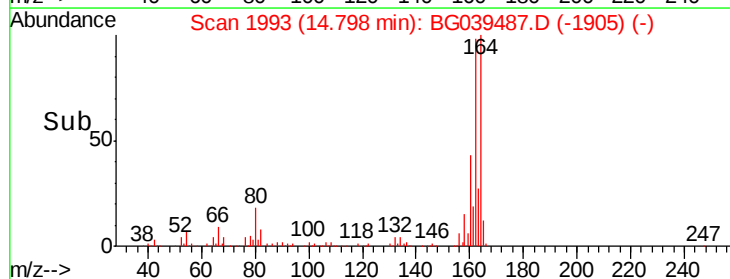
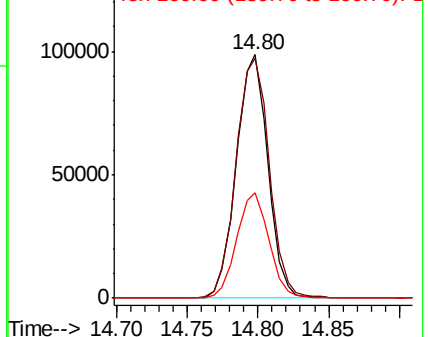
164 100

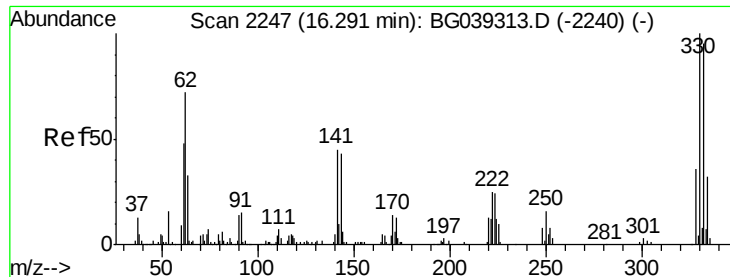
162 98.3 81.6 122.4

160 43.1 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

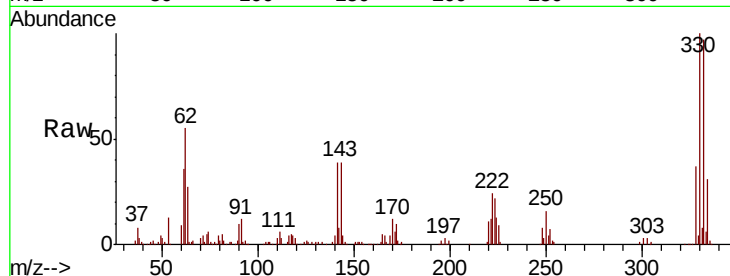




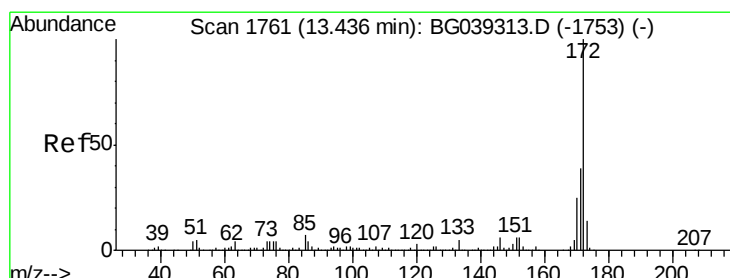
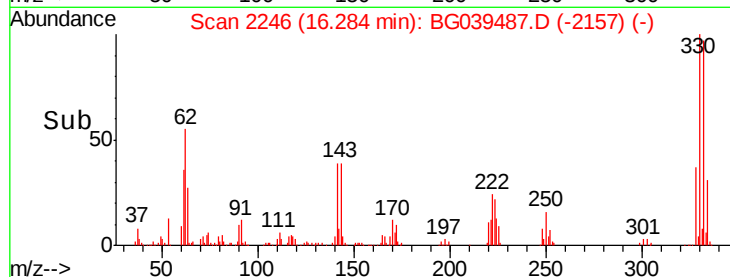
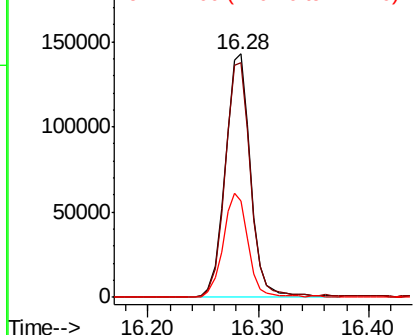
#42
 2,4,6-Tribromophenol
 Concen: 137.569 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039487.D
 Acq: 13 Feb 2019 6:29

Instrument :
 BNA_G
 ClientSampleId :
 M-10-D

Tot Ion:330 Resp: 228102
 Ion Ratio Lower Upper
 330 100
 332 98.4 75.7 113.5
 141 41.9 35.6 53.4

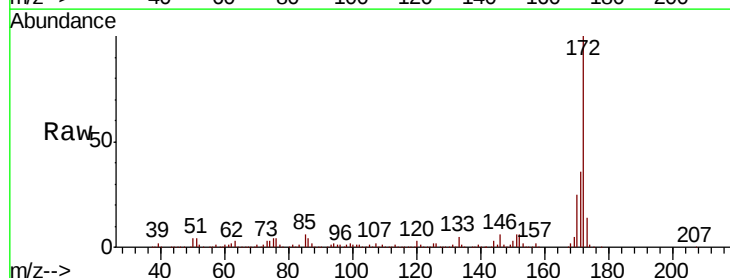


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

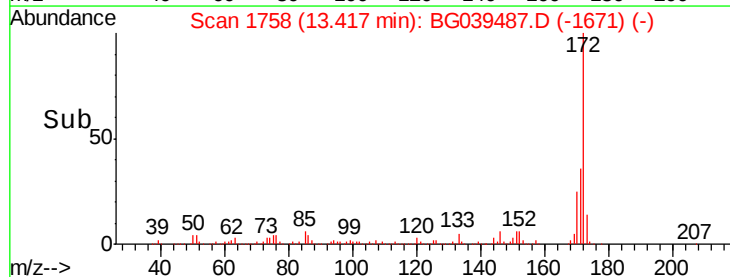
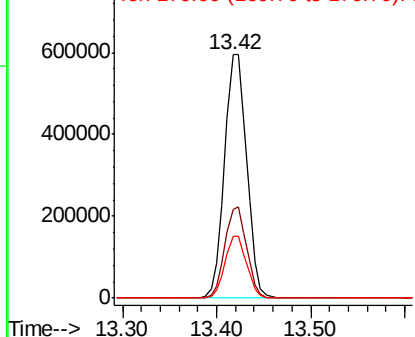


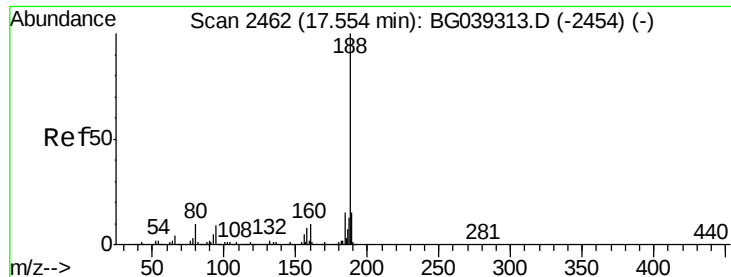
#45
 2-Fluorobiphenyl
 Concen: 91.270 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039487.D
 Acq: 13 Feb 2019 6:29

Tgt Ion:172 Resp: 979660
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 25.3 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: BG039487.D

Acq: 13 Feb 2019 6:29

Instrument :

BNA_G

ClientSampleId :

M-10-D

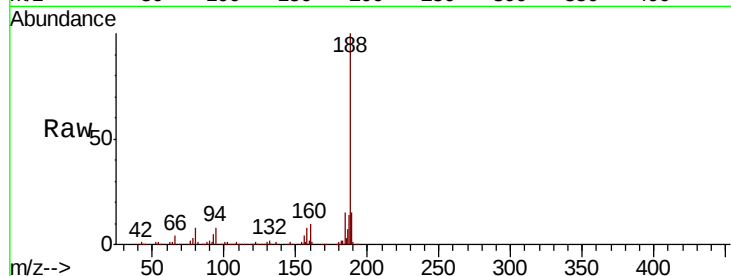
Tot Ion:188 Resp: 366359

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

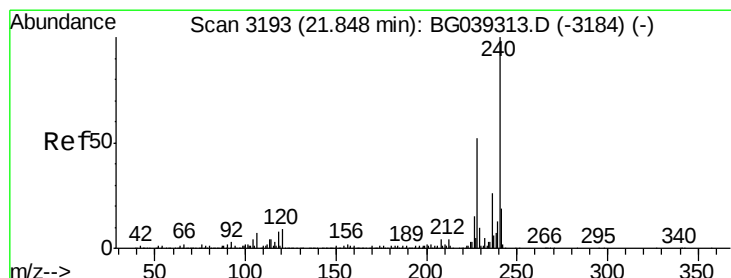
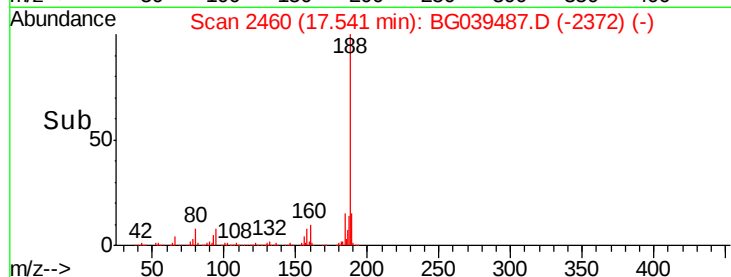
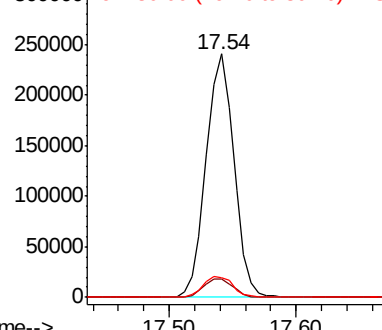
80 8.3 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039487.D

Acq: 13 Feb 2019 6:29

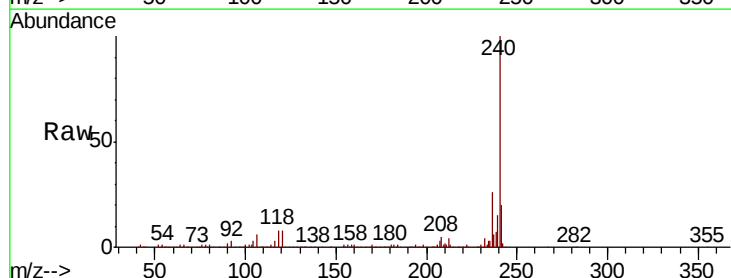
Tgt Ion:240 Resp: 350241

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

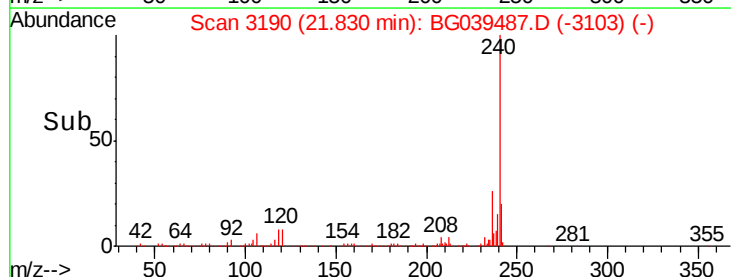
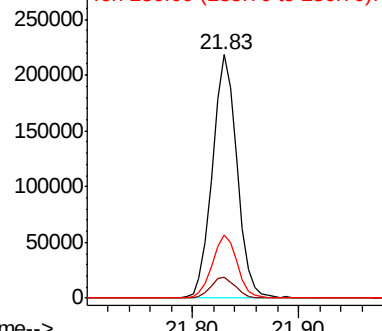
236 25.8 21.0 31.4

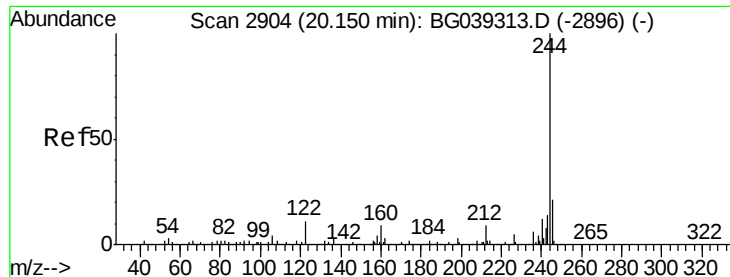


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.418 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039487.D

Acq: 13 Feb 2019 6:29

Instrument :

BNA_G

ClientSampled :

M-10-D

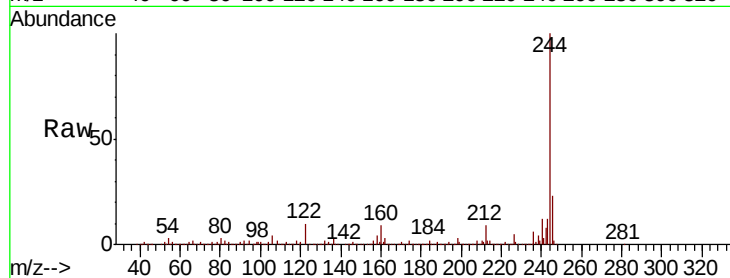
Tot Ion:244 Resp: 1479572

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

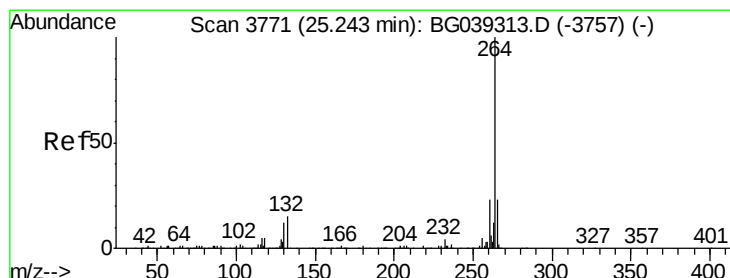
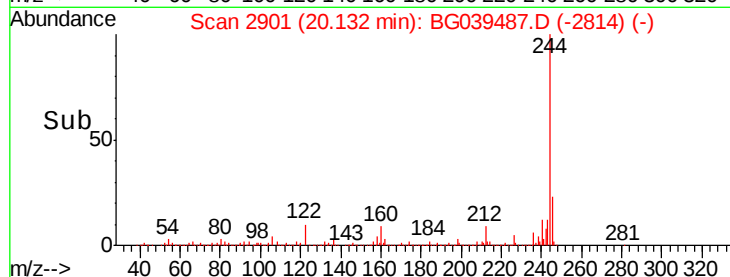
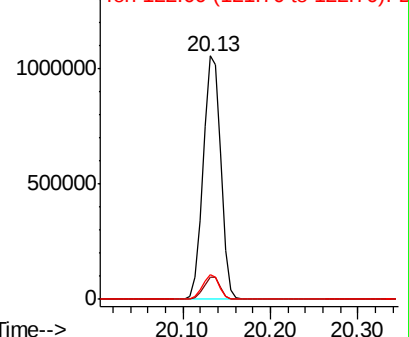
122 10.4 8.4 12.6



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: BG039487.D

Acq: 13 Feb 2019 6:29

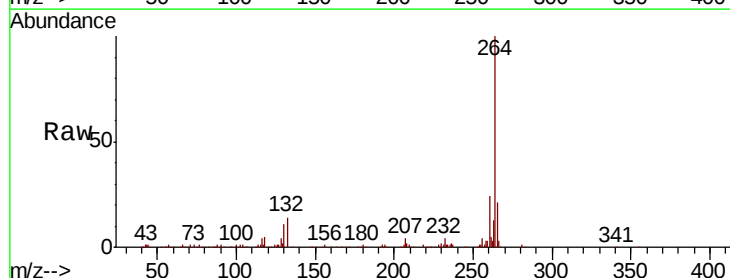
Tgt Ion:264 Resp: 343993

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.4 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

