

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039488.D
 Acq On : 13 Feb 2019 7:09
 Operator : JU/SJ
 Sample : K1459-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-11-S

Quant Time: Feb 13 07:50:51 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	45633	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	215009	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	159987	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	374640	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	367284	20.00	ng	-0.02
87) Perylene-d12	25.21	264	361134	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	502741	188.56	ng	0.00
7) Phenol-d6	7.31	99	727946	185.48	ng	0.00
23) Nitrobenzene-d5	9.35	82	438989	127.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	280183	162.63	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1061204	95.15	ng	-0.01
79) Terphenyl-d14	20.13	244	1642565	94.66	ng	-0.02

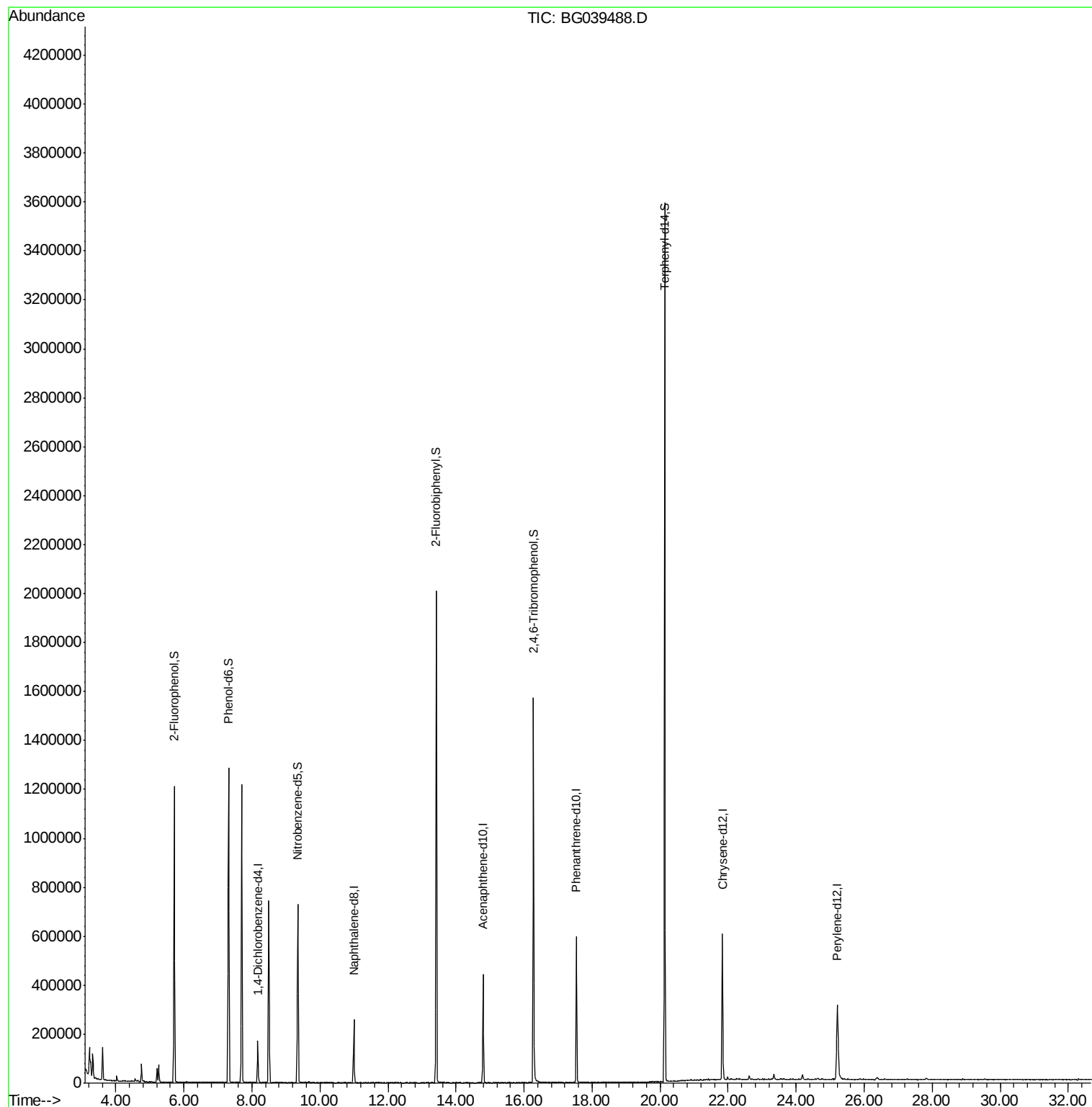
Target Compounds Qvalue

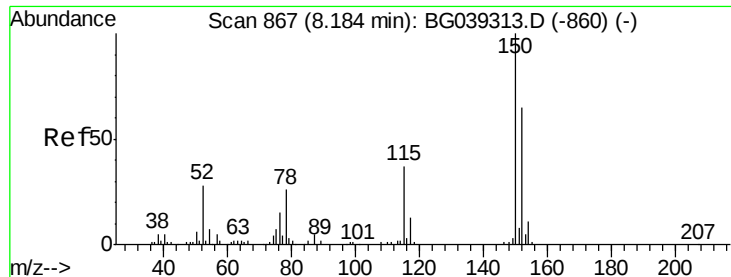
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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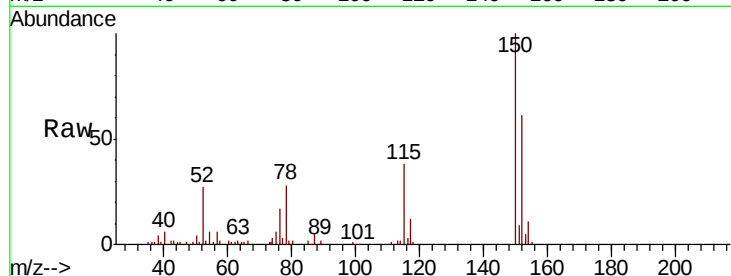


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039488.D
Acq: 13 Feb 2019 7:09

Instrument :
BNA_G
ClientSampleId :
M-11-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	123.7	185.5
115	62.1	45.9	68.9

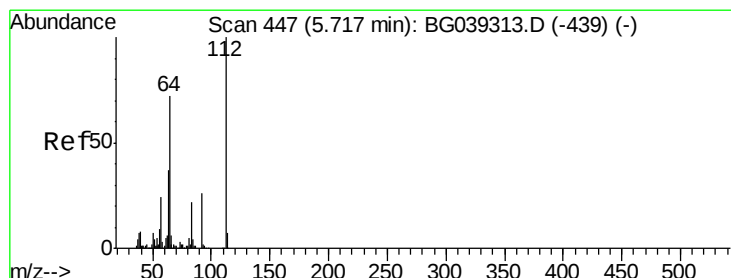
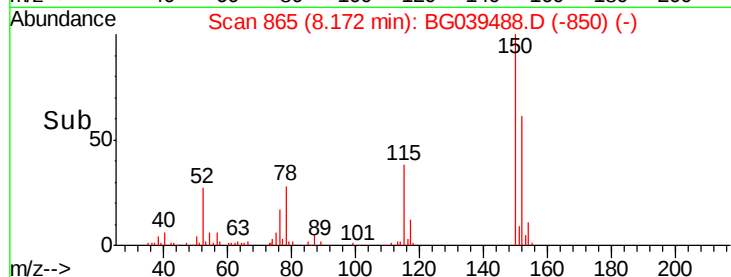
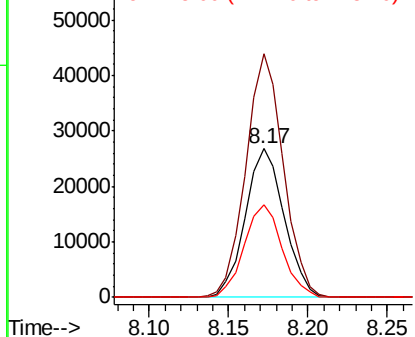


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

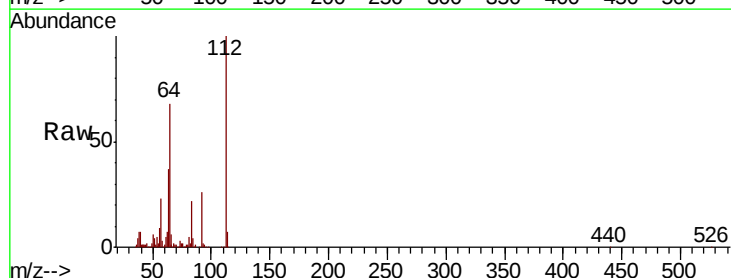
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 188.558 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039488.D
Acq: 13 Feb 2019 7:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	37.0	29.8	44.6

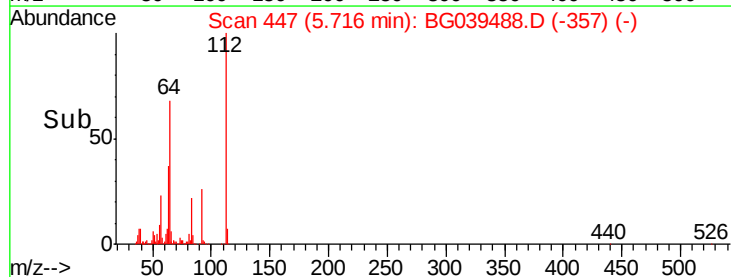
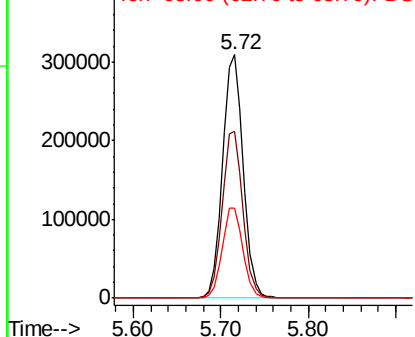


Abundance

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: 185.481 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039488.D

Acq: 13 Feb 2019 7:09

Instrument :

BNA_G

ClientSampled :

M-11-S

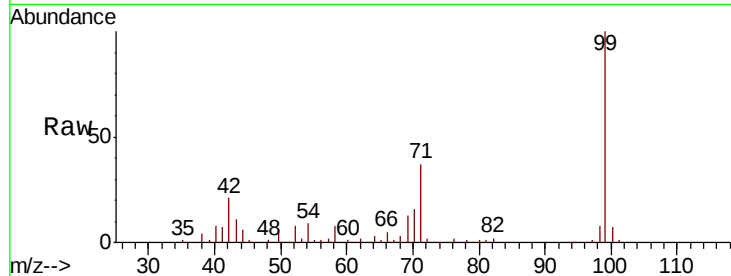
Tot Ion: 99 Resp: 727946

Ion Ratio Lower Upper

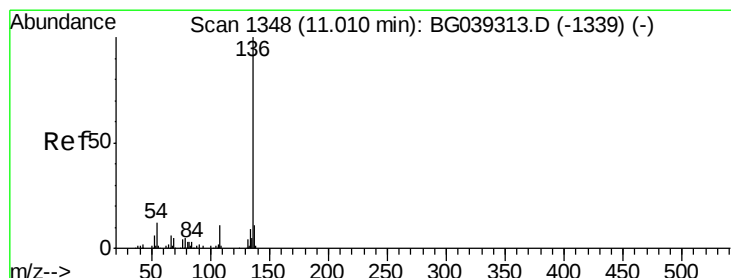
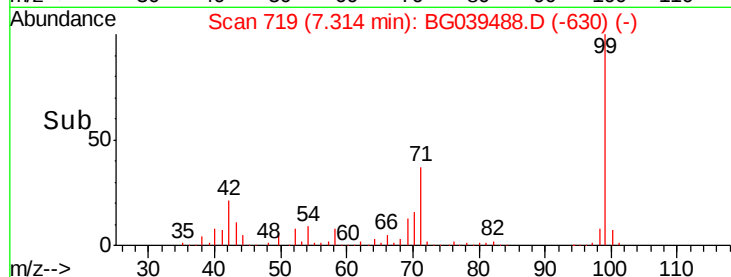
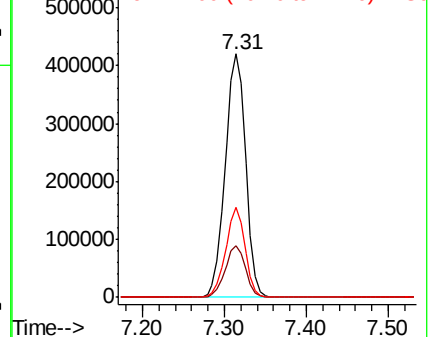
99 100

42 21.1 18.2 27.2

71 36.8 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: BG039488.D

Acq: 13 Feb 2019 7:09

Tgt Ion: 136 Resp: 215009

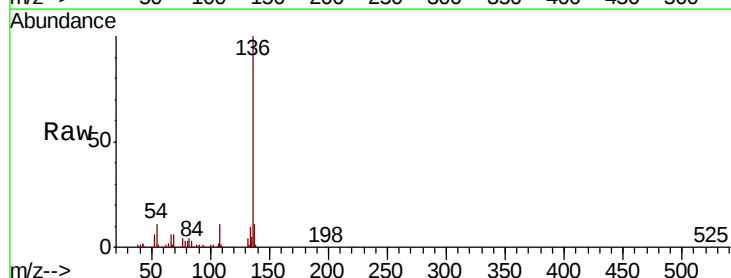
Ion Ratio Lower Upper

136 100

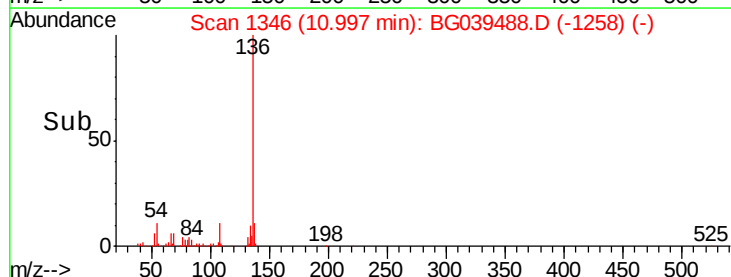
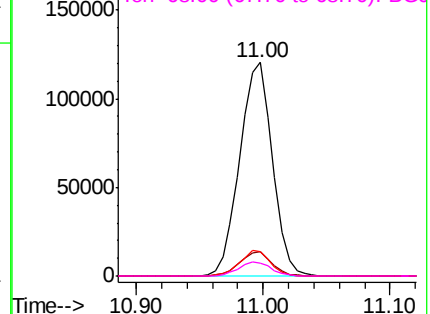
137 11.2 9.1 13.7

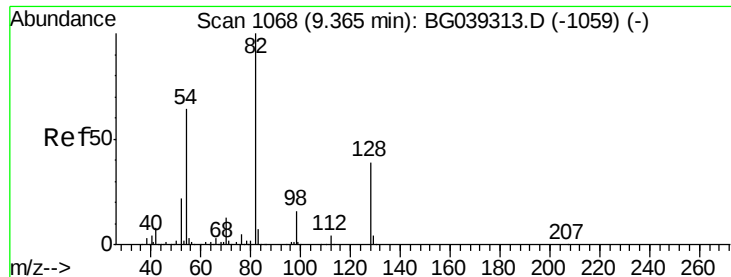
54 11.5 9.4 14.2

68 6.1 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

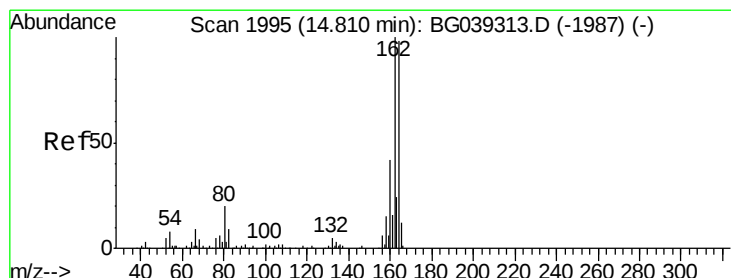
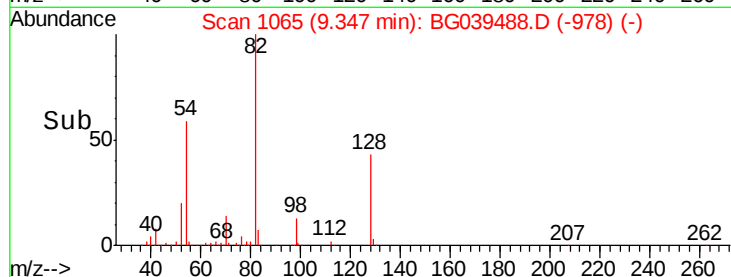
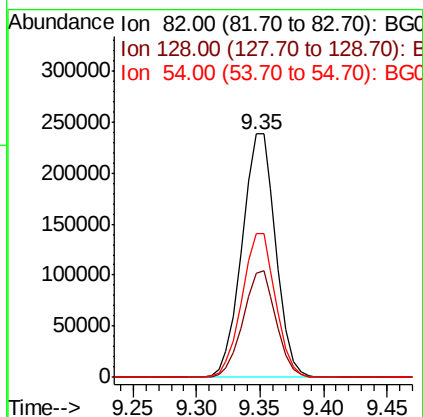
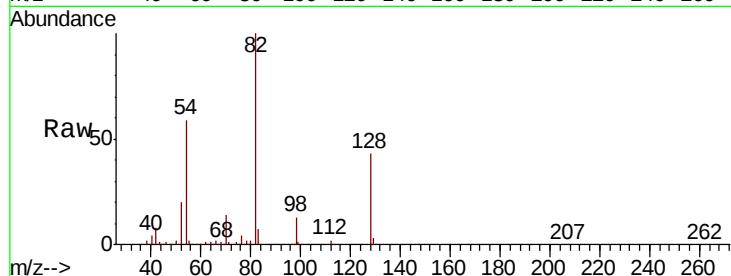




#23
 Nitrobenzene-d5
 Concen: 127.550 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039488.D
 Acq: 13 Feb 2019 7:09

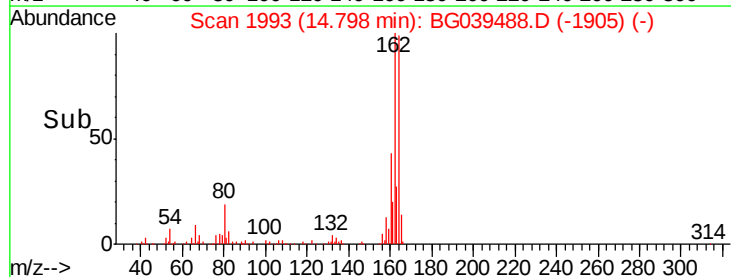
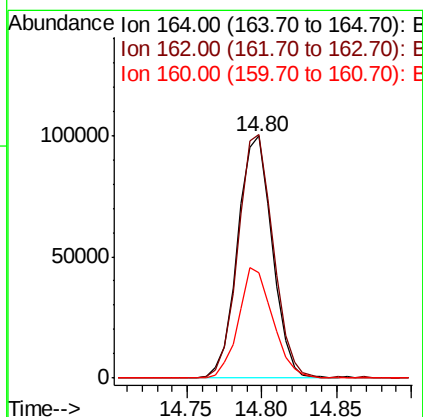
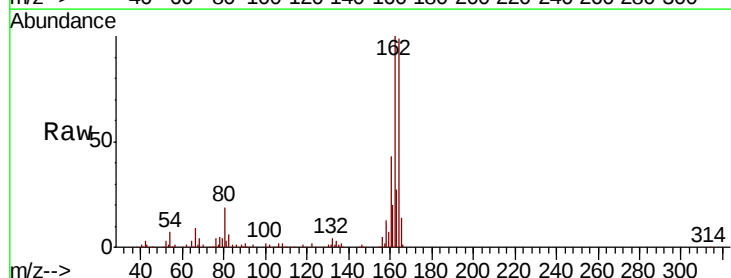
Instrument :
 BNA_G
 ClientSampleId :
 M-11-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	59.3	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: BG039488.D
 Acq: 13 Feb 2019 7:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.6	122.4
160	43.6	34.2	51.2

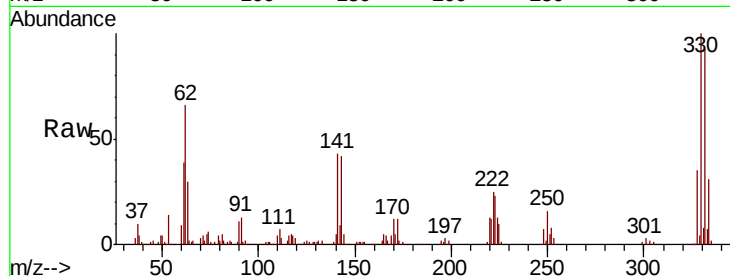




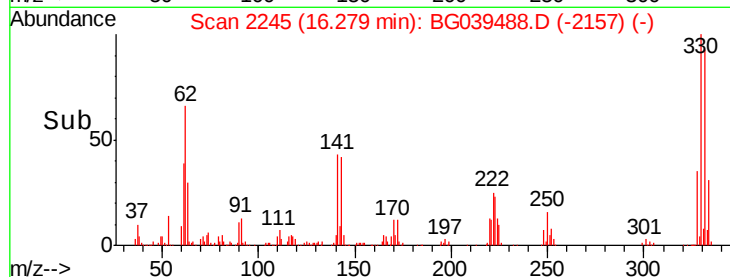
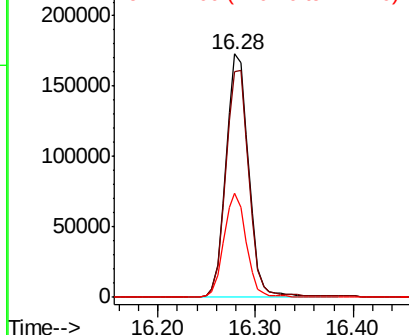
#42
 2,4,6-Tribromophenol
 Concen: 162.634 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039488.D
 Acq: 13 Feb 2019 7:09

Instrument :
 BNA_G
 ClientSampleId :
 M-11-S

Tot Ion:330 Resp: 280183
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 42.2 35.6 53.4

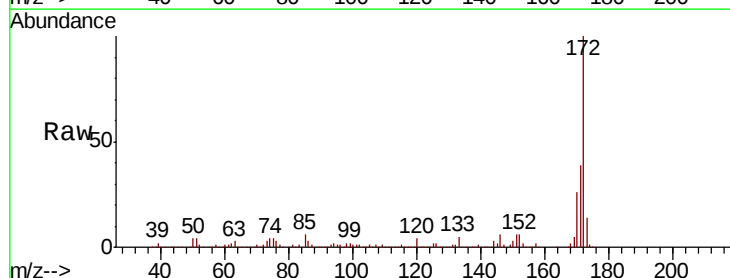


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

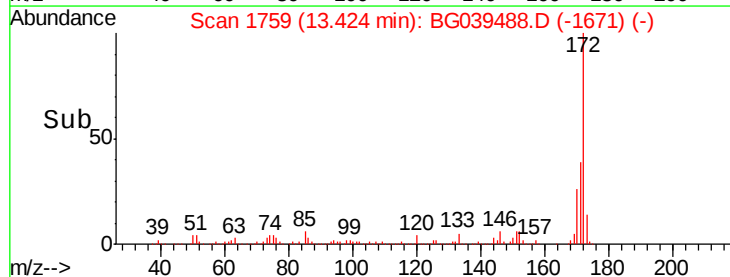
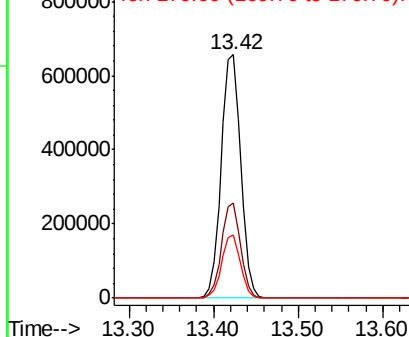


#45
 2-Fluorobiphenyl
 Concen: 95.155 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039488.D
 Acq: 13 Feb 2019 7:09

Tgt Ion:172 Resp: 1061204
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.8 46.2
 170 25.8 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: BG039488.D

Acq: 13 Feb 2019 7:09

Instrument :

BNA_G

ClientSampleId :

M-11-S

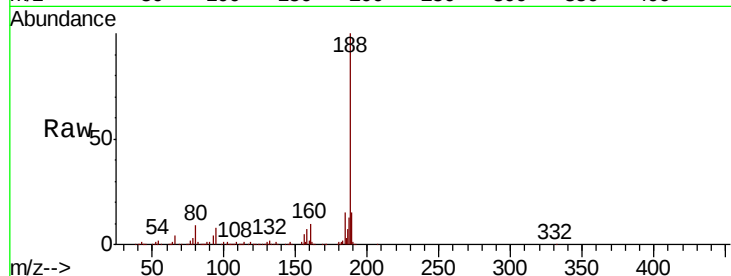
Tot Ion:188 Resp: 374640

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

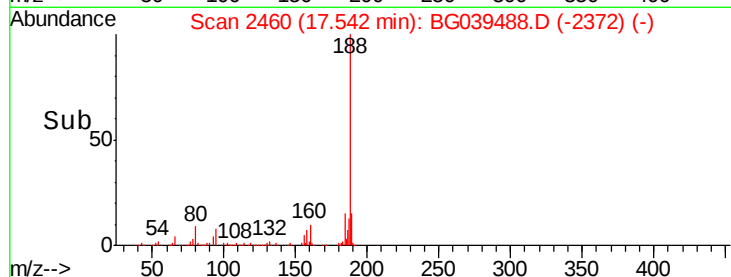
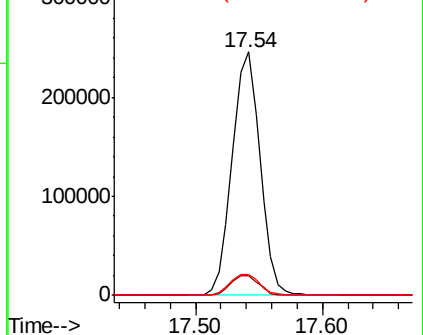
80 8.8 8.1 12.1



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: BG039488.D

Acq: 13 Feb 2019 7:09

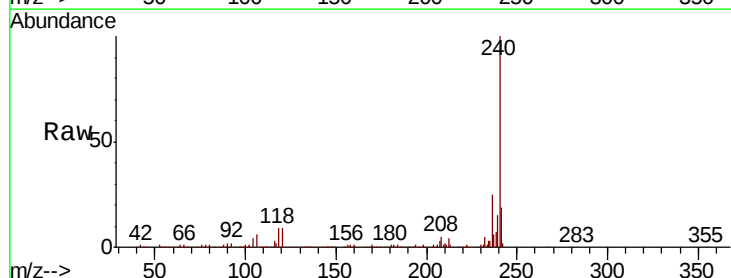
Tgt Ion:240 Resp: 367284

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

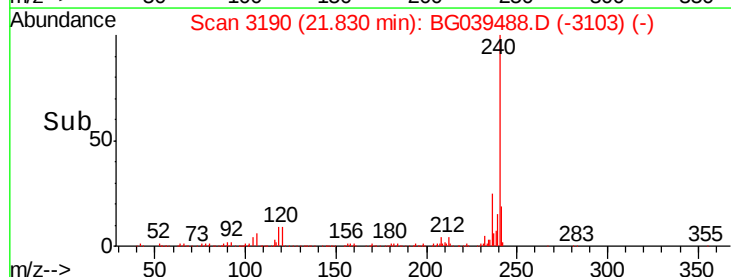
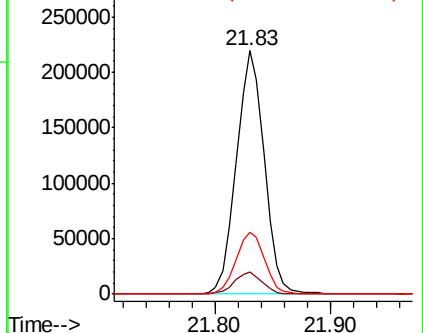
236 25.3 21.0 31.4



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: 94.662 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039488.D

Acq: 13 Feb 2019 7:09

Instrument :

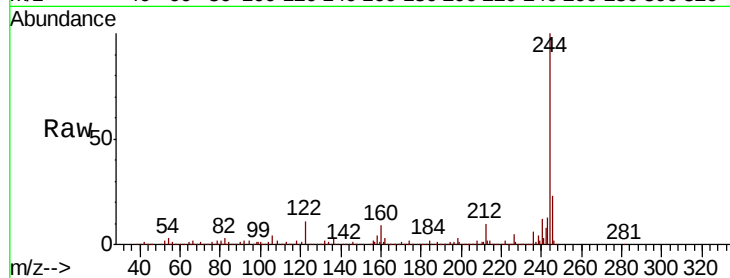
BNA_G

ClientSampleId :

M-11-S

Tot Ion:244 Resp: 1642565

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.7	8.4	12.6

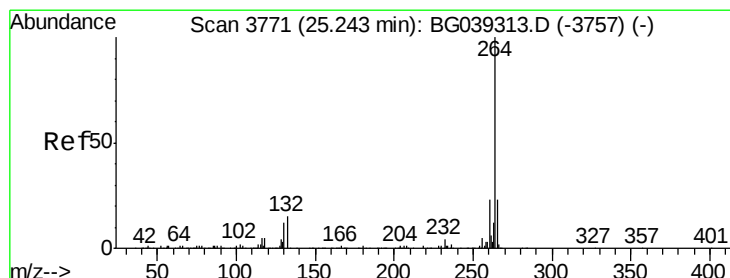
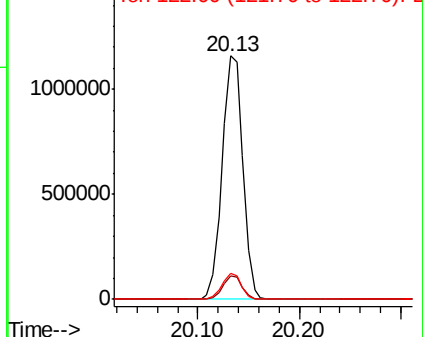
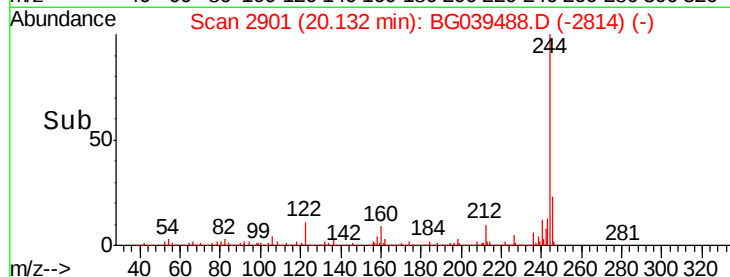


Abundance

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

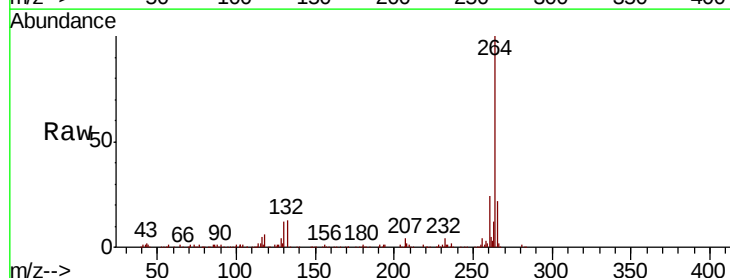
Delta R.T. -0.03 min

Lab File: BG039488.D

Acq: 13 Feb 2019 7:09

Tgt Ion:264 Resp: 361134

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.6	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

