

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039483.D
 Acq On : 13 Feb 2019 3:50
 Operator : JU/SJ
 Sample : K1458-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Feb 13 07:17:18 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	52385	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	225771	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	150433	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	358920	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	374530	20.00	ng	-0.01
87) Perylene-d12	25.21	264	374057	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	460081	150.32	ng	0.00
7) Phenol-d6	7.31	99	609447	135.27	ng	0.00
23) Nitrobenzene-d5	9.35	82	435745	120.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	260416	160.76	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1015675	96.86	ng	-0.01
79) Terphenyl-d14	20.14	244	1605046	90.71	ng	-0.01

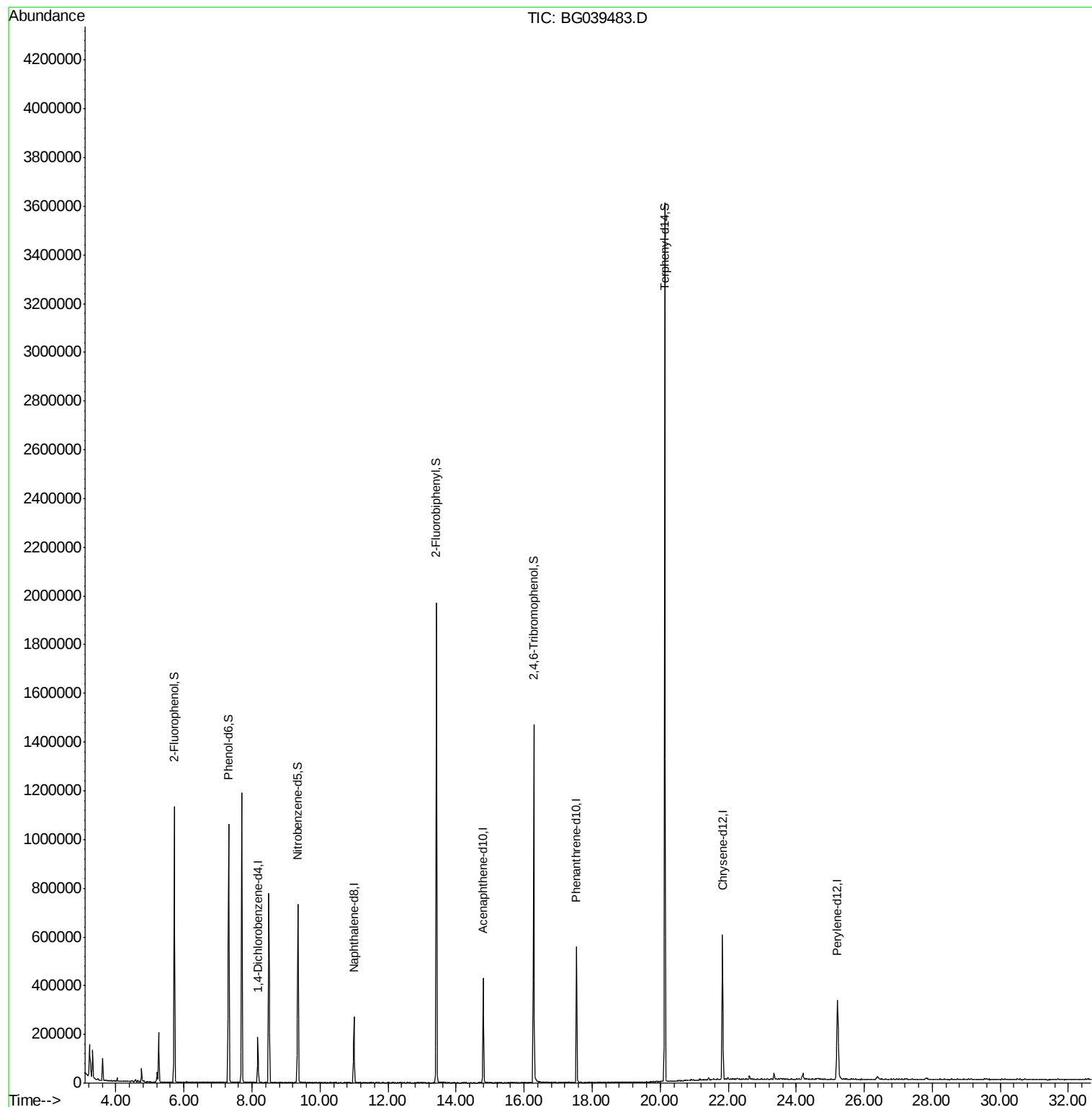
Target Compounds Qvalue

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

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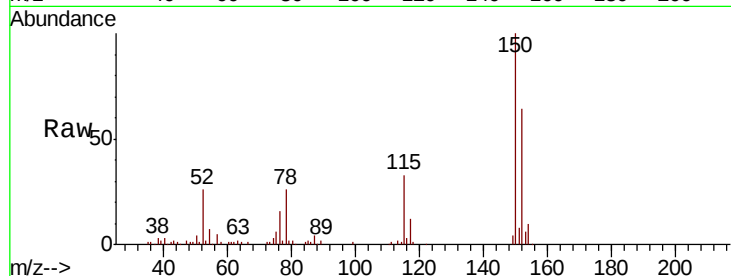


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039483.D
Acq: 13 Feb 2019 3:50

Instrument :
BNA_G
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.7	185.5
115	52.2	45.9	68.9

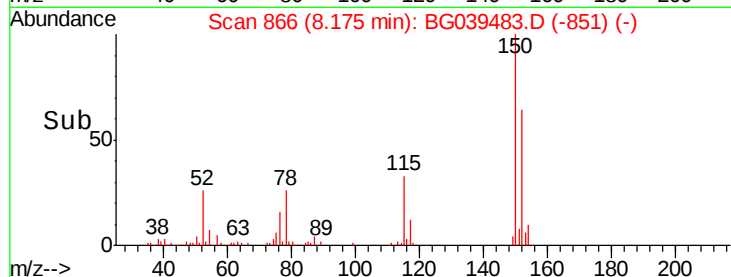
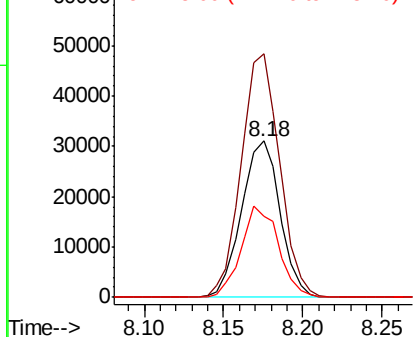


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

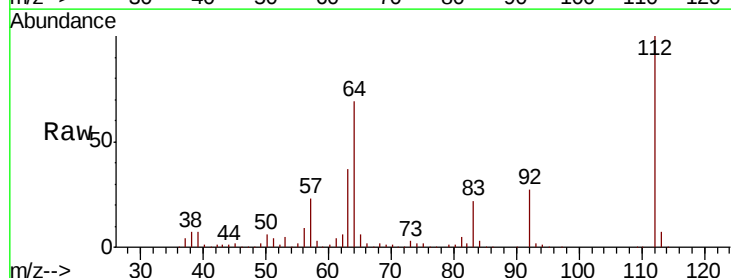
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.316 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039483.D
Acq: 13 Feb 2019 3:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.8	86.8
63	37.2	29.8	44.6

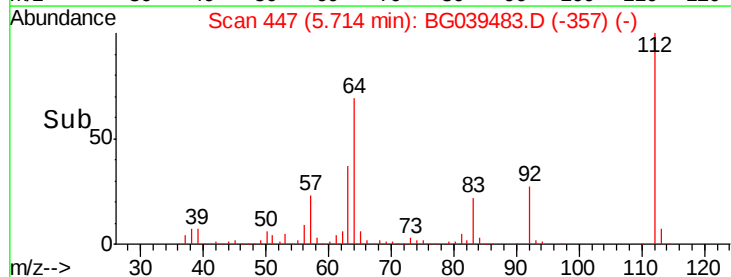
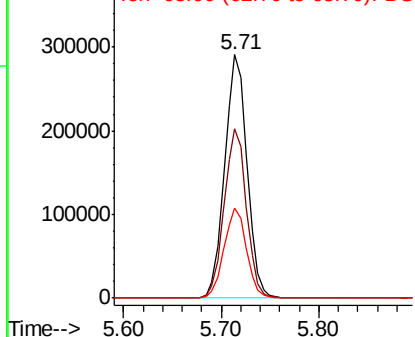


Abundance

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: 135.272 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039483.D

Acq: 13 Feb 2019 3:50

Instrument :

BNA_G

ClientSampleId :

WC-1

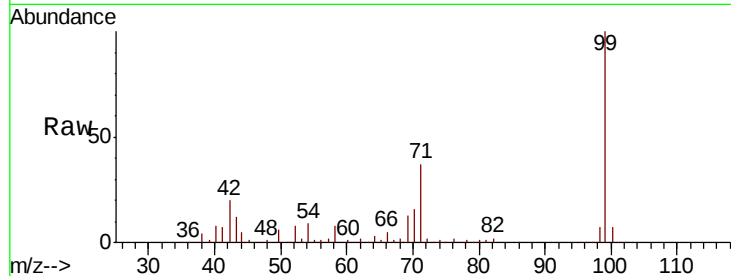
Tot Ion: 99 Resp: 609447

Ion Ratio Lower Upper

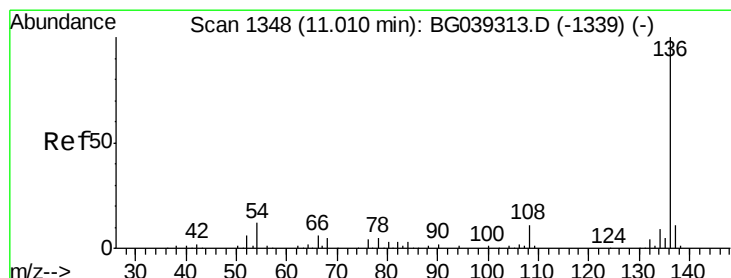
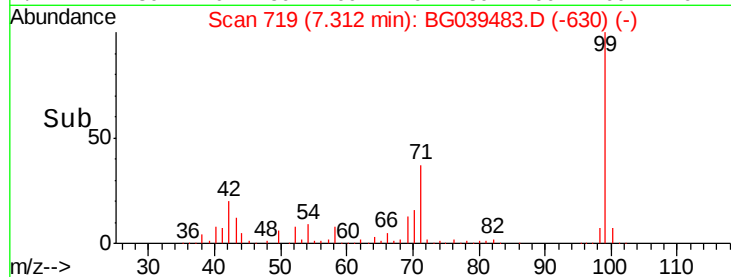
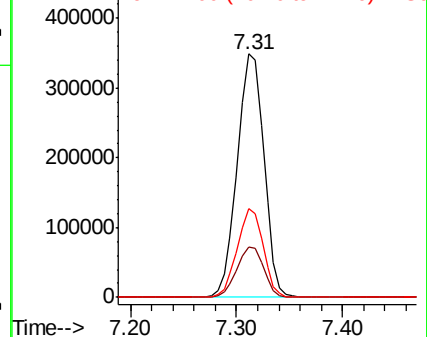
99 100

42 20.5 18.2 27.2

71 36.6 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. -0.01 min

Lab File: BG039483.D

Acq: 13 Feb 2019 3:50

Tgt Ion: 136 Resp: 225771

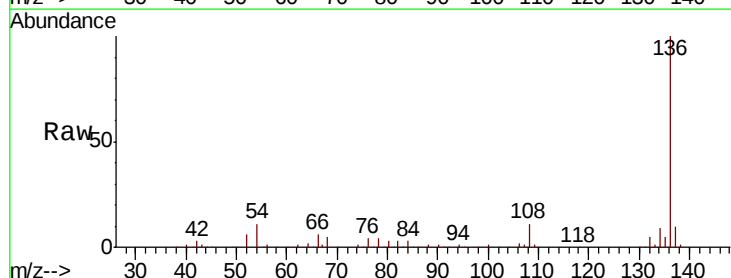
Ion Ratio Lower Upper

136 100

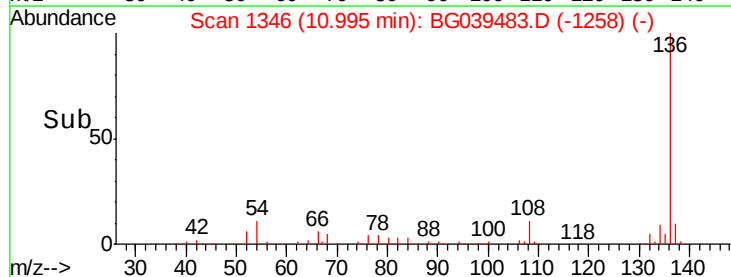
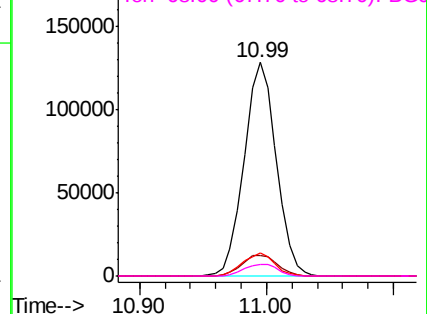
137 9.8 9.1 13.7

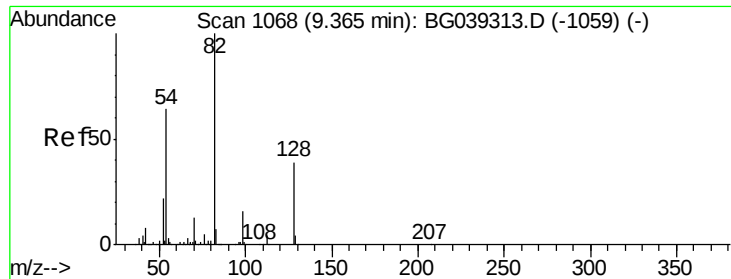
54 10.9 9.4 14.2

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

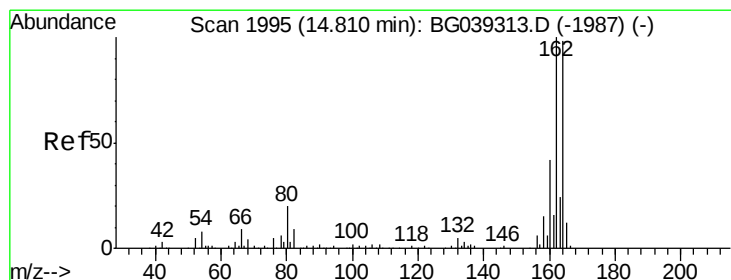
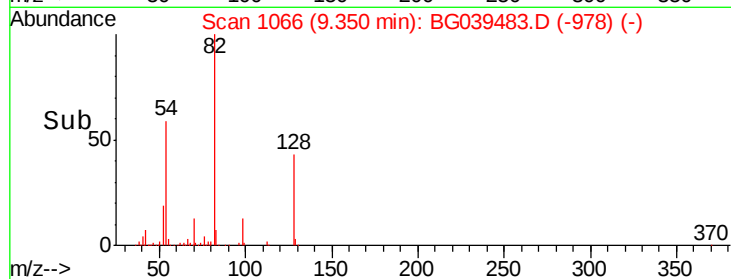
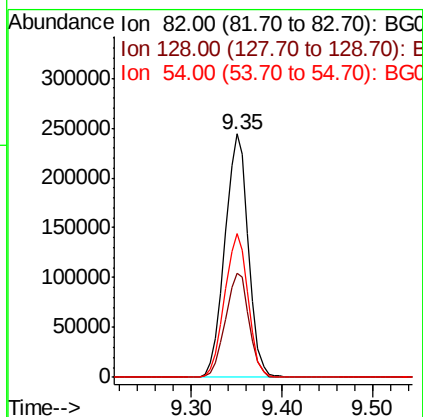
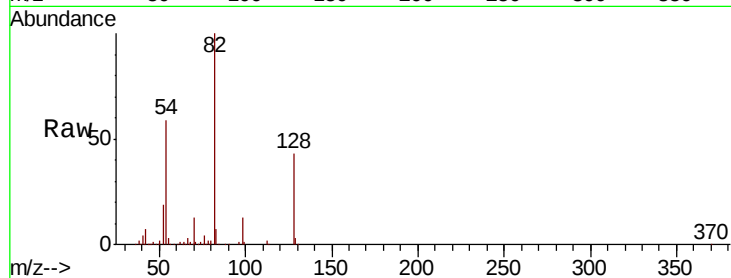




#23
 Nitrobenzene-d5
 Concen: 120.572 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039483.D
 Acq: 13 Feb 2019 3:50

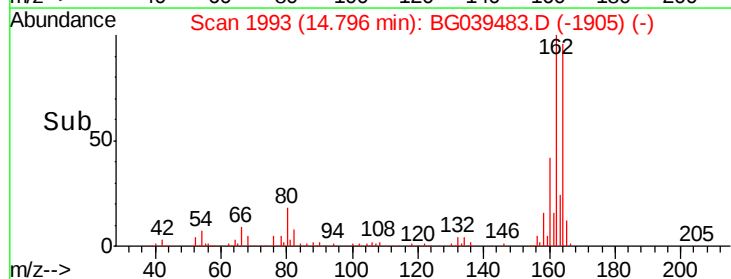
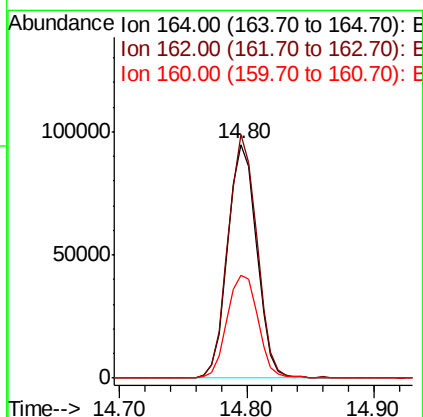
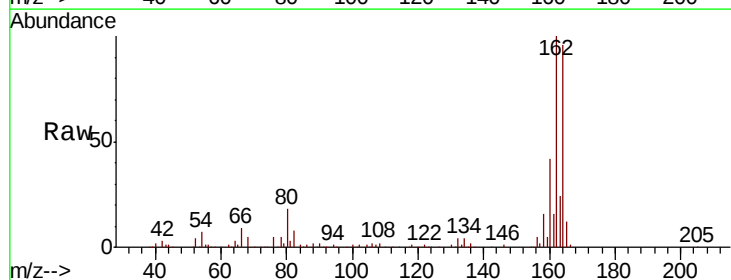
Instrument :
 BNA_G
 ClientSampleId :
 WC-1

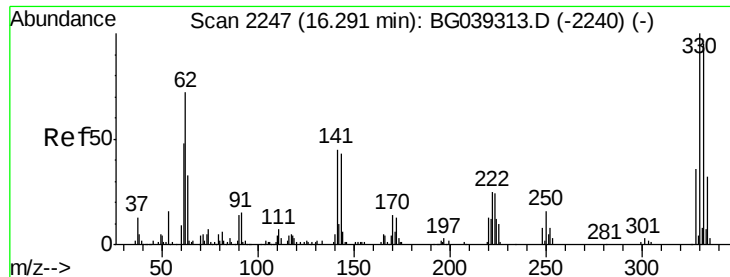
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	59.0	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039483.D
 Acq: 13 Feb 2019 3:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.6	122.4
160	44.2	34.2	51.2

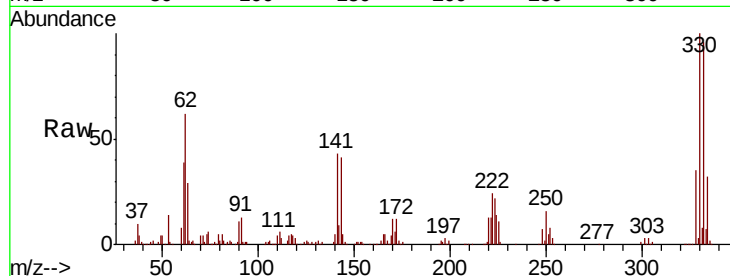




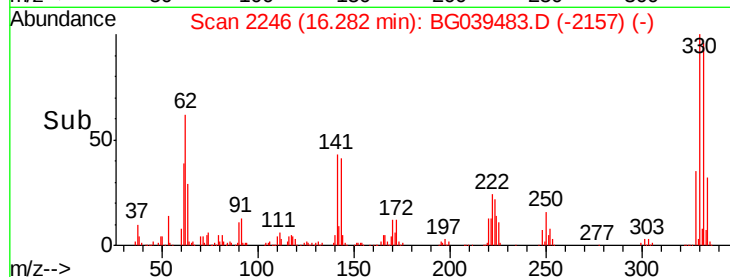
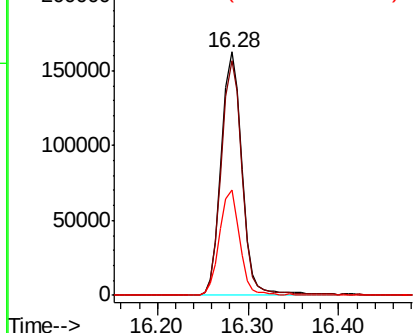
#42
 2,4,6-Tribromophenol
 Concen: 160.760 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039483.D
 Acq: 13 Feb 2019 3:50

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tot Ion:330 Resp: 260416
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 41.6 35.6 53.4

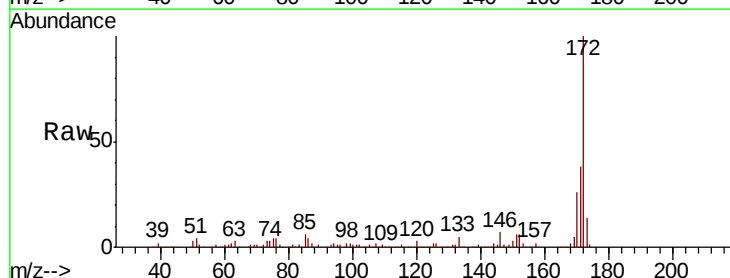


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

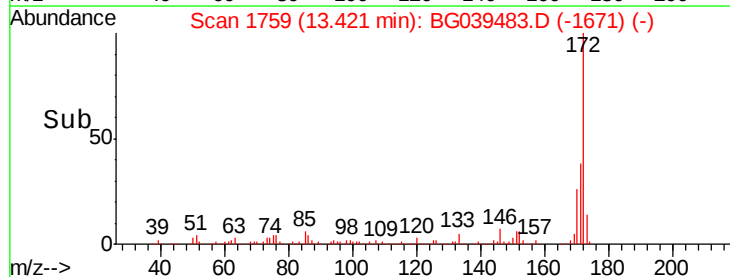
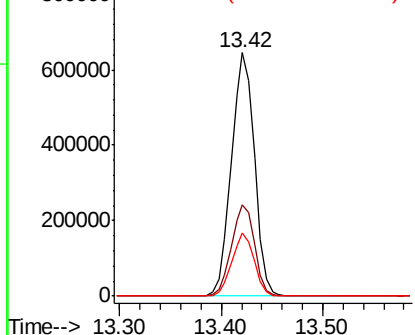


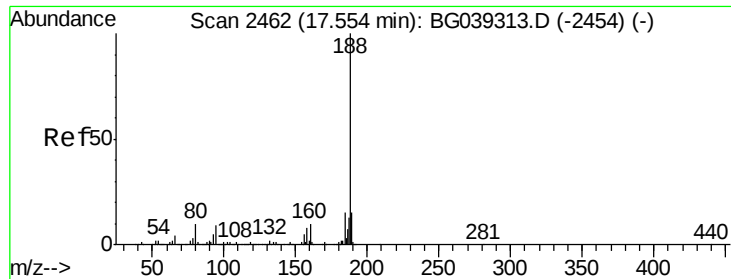
#45
 2-Fluorobiphenyl
 Concen: 96.856 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039483.D
 Acq: 13 Feb 2019 3:50

Tgt Ion:172 Resp: 1015675
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 26.1 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: BG039483.D

Acq: 13 Feb 2019 3:50

Instrument :

BNA_G

ClientSampleId :

WC-1

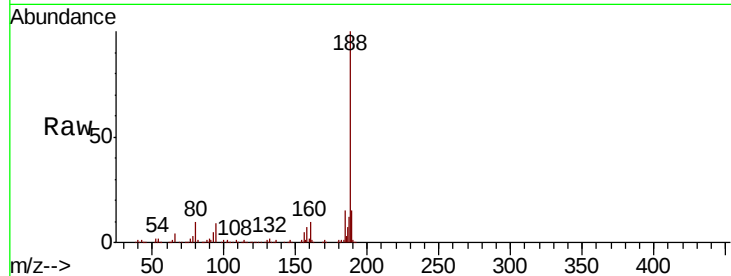
Tot Ion:188 Resp: 358920

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

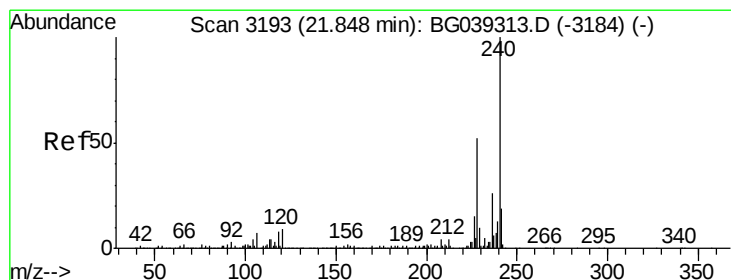
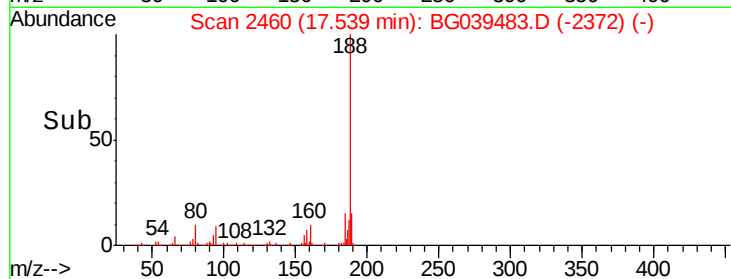
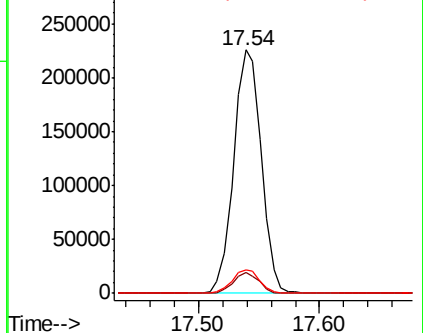
80 9.7 8.1 12.1



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# 3191

Delta R.T. -0.01 min

Lab File: BG039483.D

Acq: 13 Feb 2019 3:50

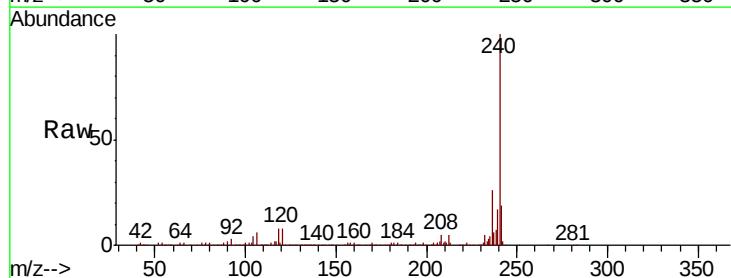
Tgt Ion:240 Resp: 374530

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

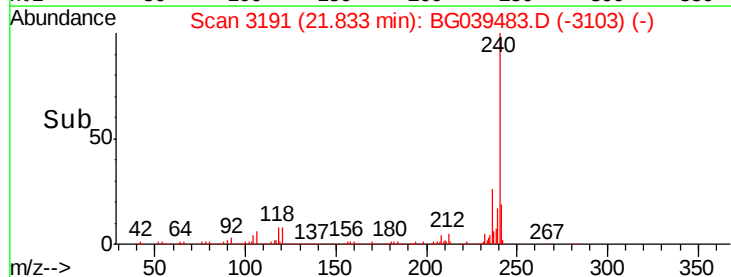
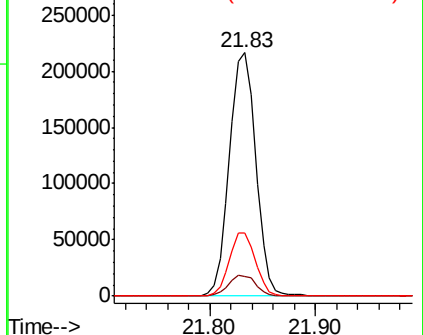
236 25.8 21.0 31.4



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: 90.711 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039483.D

Acq: 13 Feb 2019 3:50

Instrument :

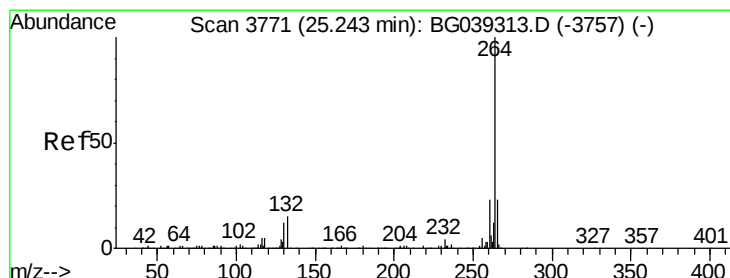
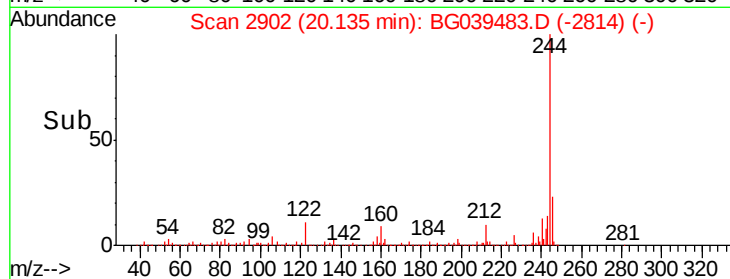
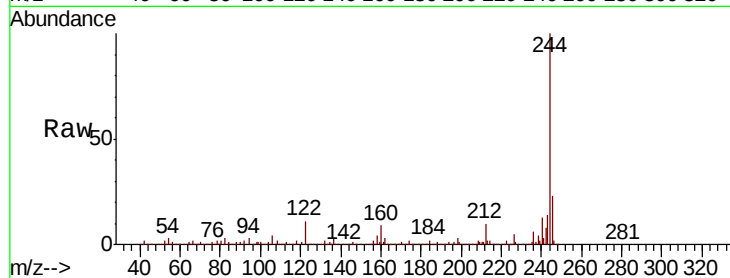
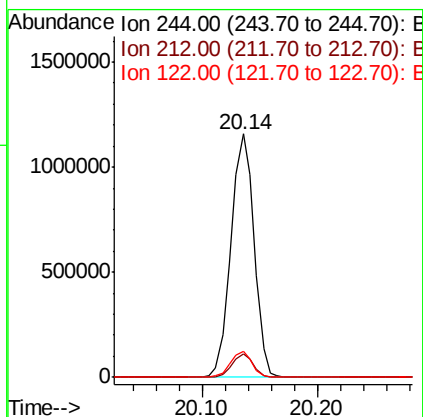
BNA_G

ClientSampleId :

WC-1

Tot Ion:244 Resp: 1605046

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.6	8.4	12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039483.D

Acq: 13 Feb 2019 3:50

Tgt Ion:264 Resp: 374057

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.1	18.5	27.7

