

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039655.D
 Acq On : 28 Feb 2019 5:12
 Operator : JU/SJ
 Sample : K1353-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-022619-C

Quant Time: Feb 28 07:57:59 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	8.16	152	51216	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	216765	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	145536	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	330053	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	353140	20.00	ng	-0.03
87) Perylene-d12	25.20	264	338098	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	412386	137.81	ng	0.00
7) Phenol-d6	7.31	99	536972	121.91	ng	0.00
23) Nitrobenzene-d5	9.34	82	394309	113.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	195660	124.85	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	921845	90.87	ng	-0.02
79) Terphenyl-d14	20.12	244	1424547	85.39	ng	-0.03

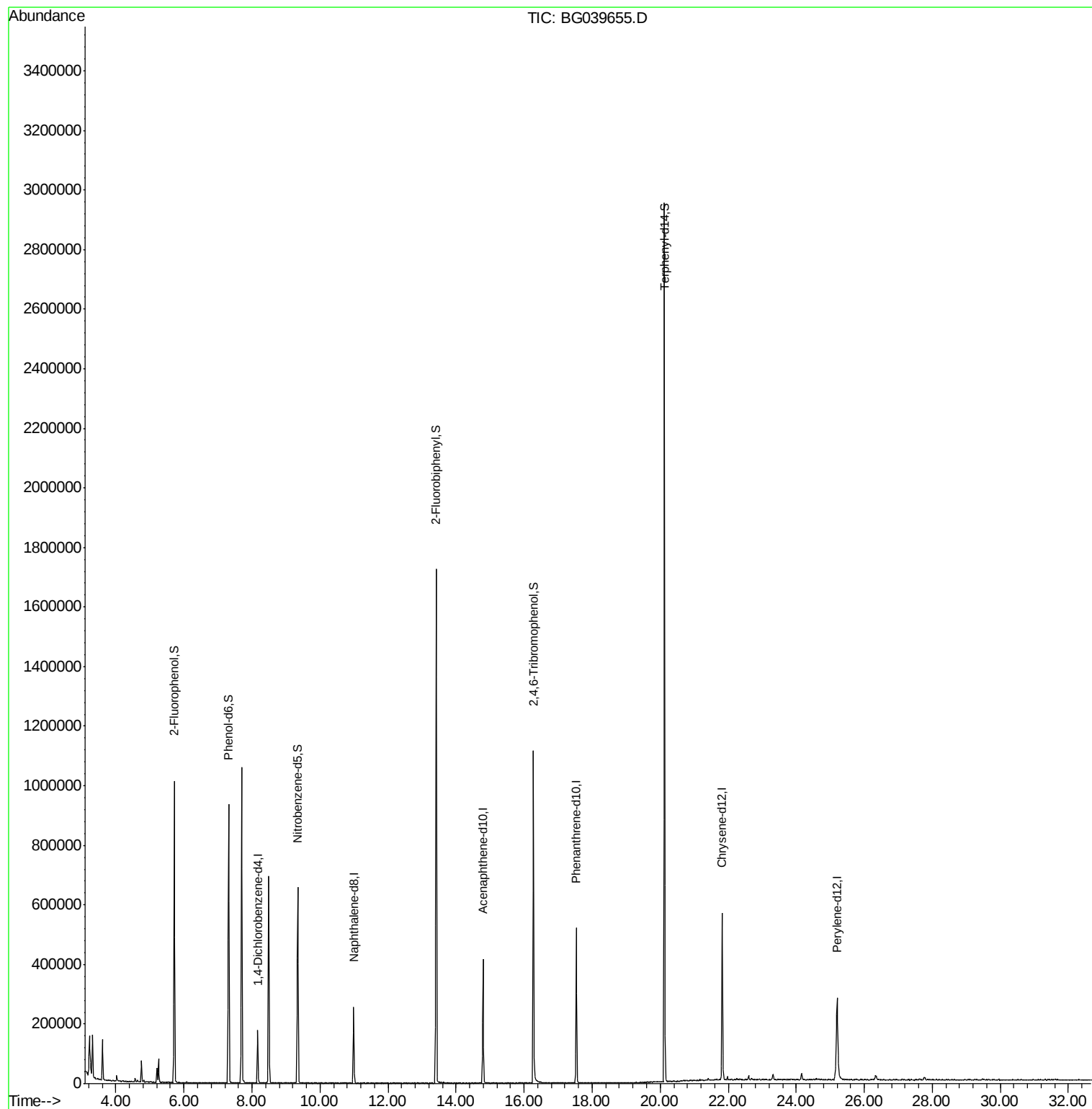
Target Compounds Qvalue

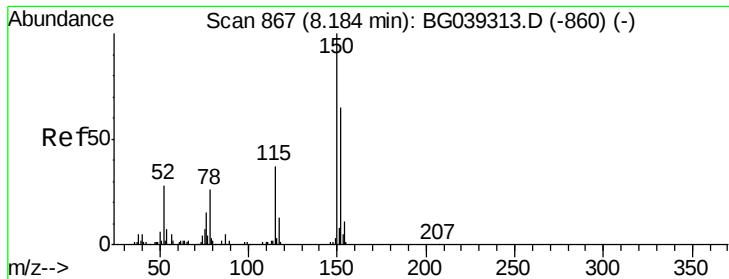
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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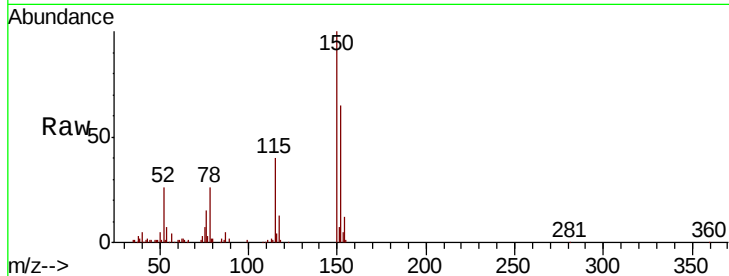


#1

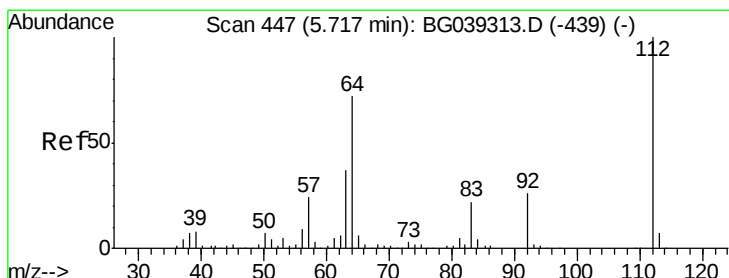
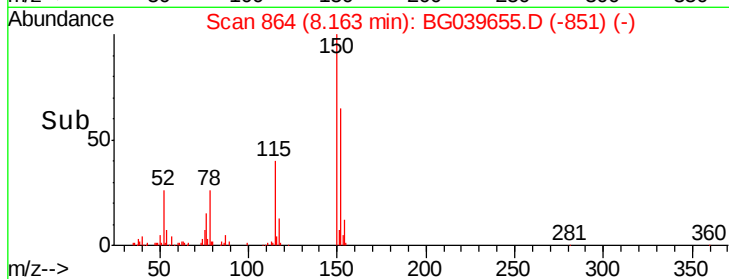
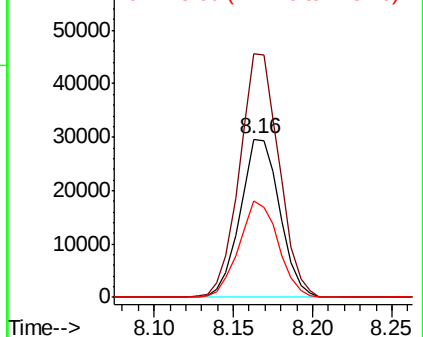
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039655.D
Acq: 28 Feb 2019 5:12

Instrument :
BNA_G
ClientSampleId :
PL-02-022619-C

Tot Ion:152 Resp: 51216
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 60.8 45.9 68.9



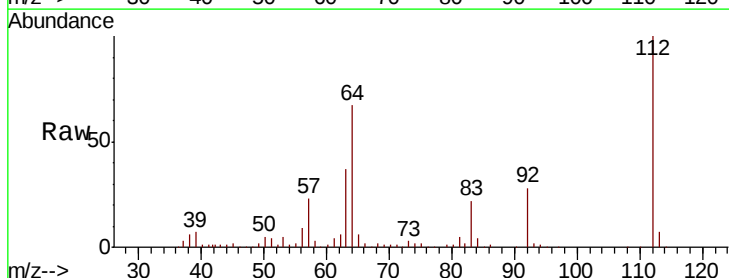
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



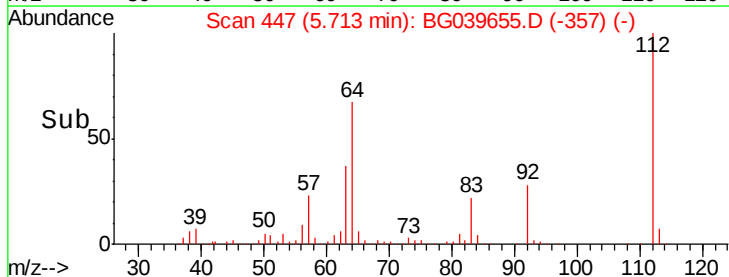
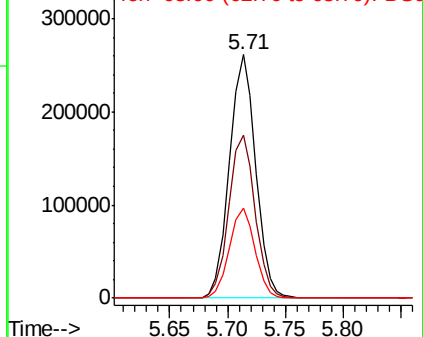
#5

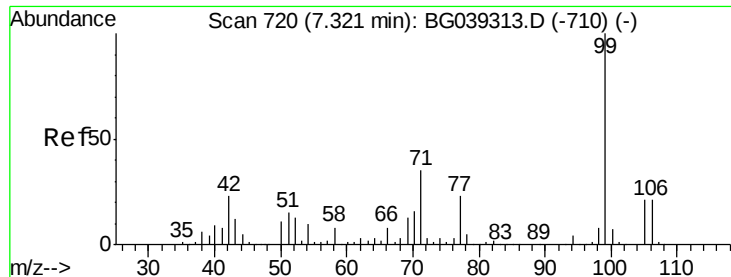
2-Fluorophenol
Concen: 137.809 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039655.D
Acq: 28 Feb 2019 5:12

Tgt Ion:112 Resp: 412386
Ion Ratio Lower Upper
112 100
64 66.9 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: 121.906 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039655.D

Acq: 28 Feb 2019 5:12

Instrument :

BNA_G

ClientSampleId :

PL-02-022619-C

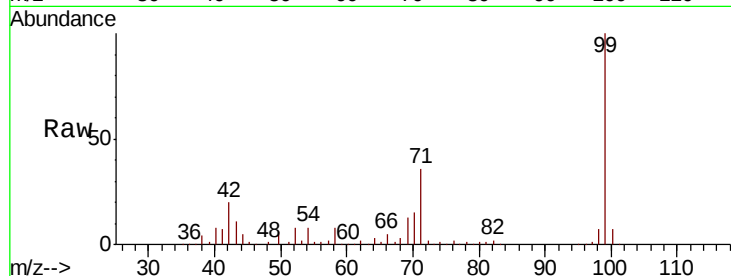
Tot Ion: 99 Resp: 536972

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.2

71 36.2 28.0 42.0

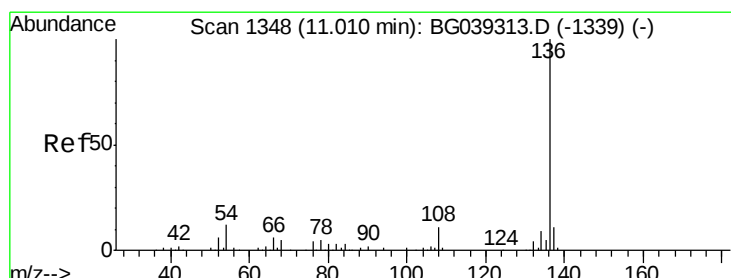
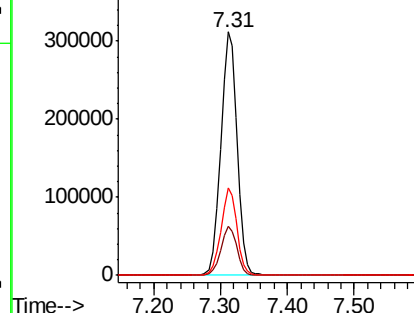
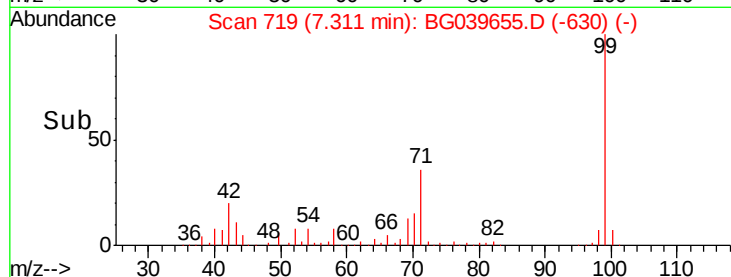


Abundance

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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039655.D

Acq: 28 Feb 2019 5:12

Tgt Ion: 136 Resp: 216765

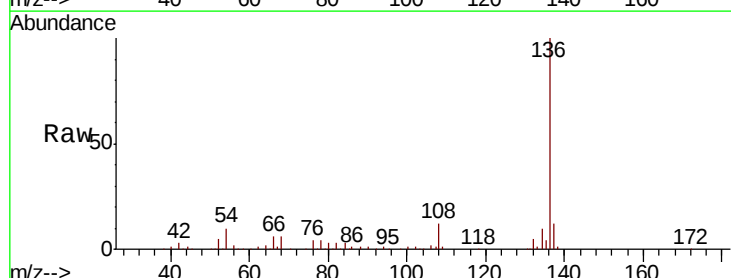
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 10.0 9.4 14.2

68 6.1 4.2 6.4



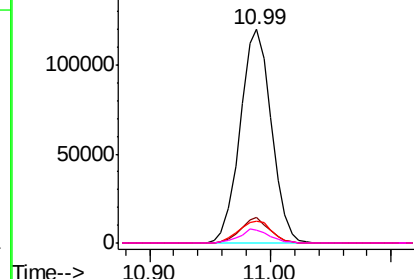
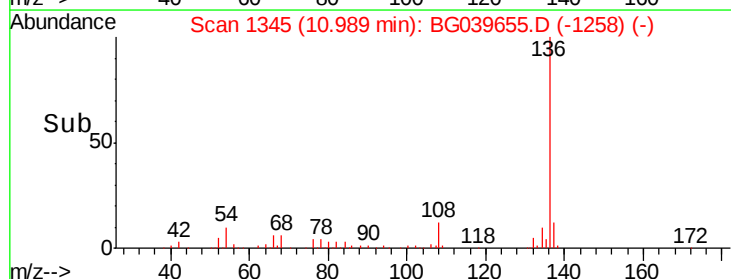
Abundance

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

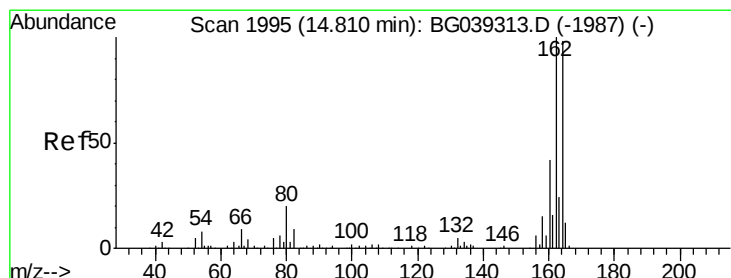
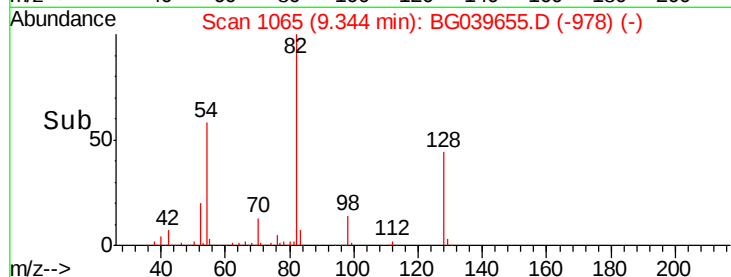
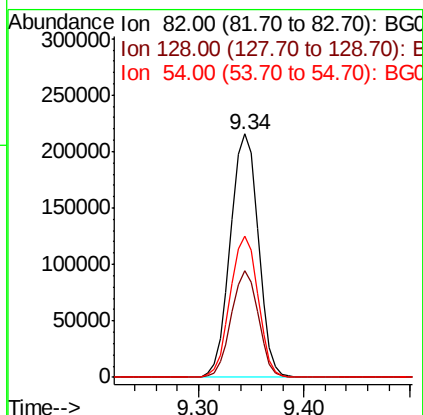
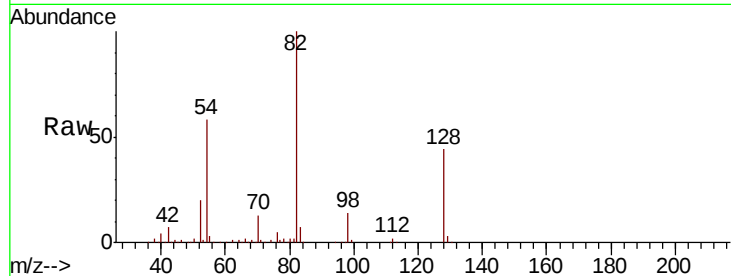




#23
 Nitrobenzene-d5
 Concen: 113.640 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039655.D
 Acq: 28 Feb 2019 5:12

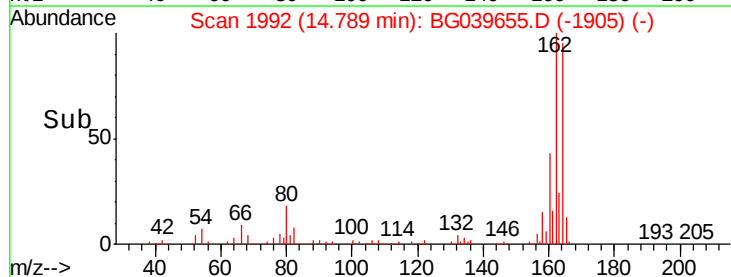
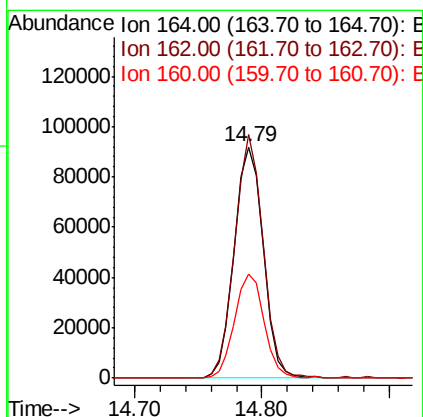
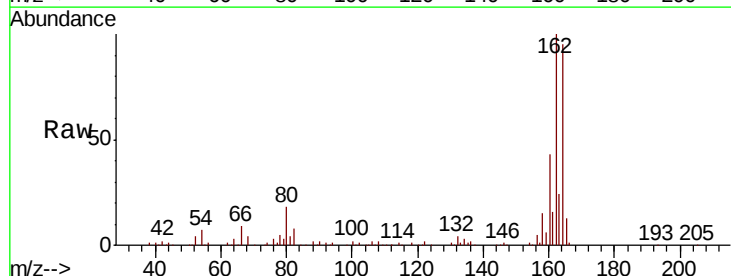
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-022619-C

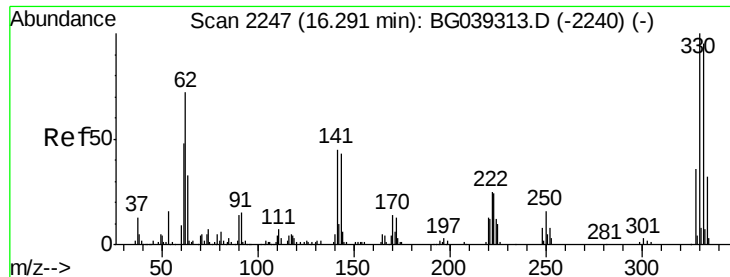
Tot Ion	82	Resp	394309
Ion Ratio	100	Lower	Upper
128	43.9	31.3	46.9
54	57.9	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039655.D
 Acq: 28 Feb 2019 5:12

Tgt Ion	164	Resp	145536
Ion Ratio	100	Lower	Upper
162	105.5	81.6	122.4
160	45.0	34.2	51.2

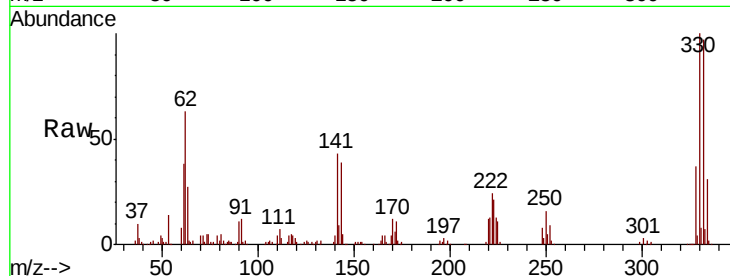




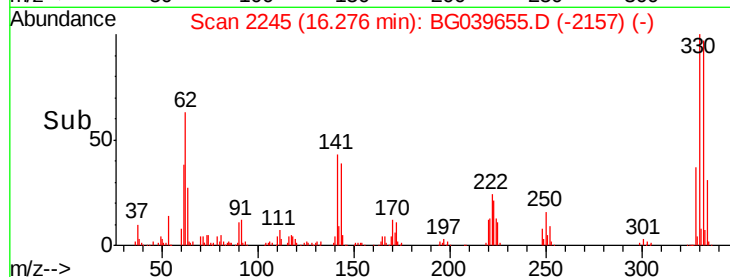
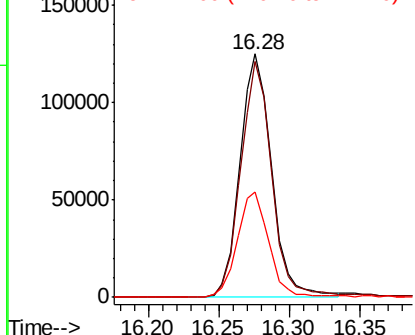
#42
 2,4,6-Tribromophenol
 Concen: 124.849 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039655.D
 Acq: 28 Feb 2019 5:12

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-022619-C

Tot Ion:330 Resp: 195660
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.7 113.5
 141 42.9 35.6 53.4

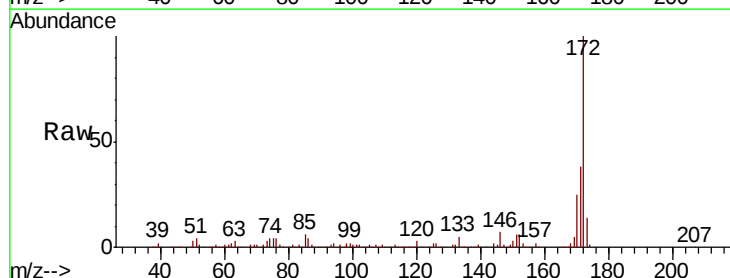


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

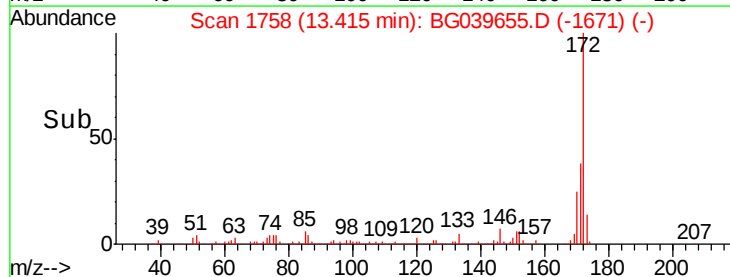
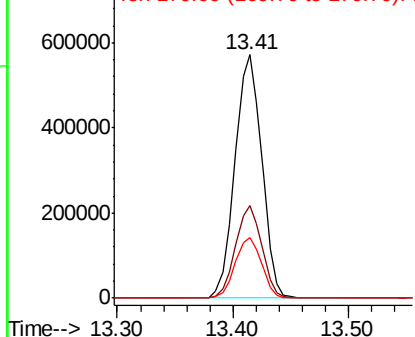


#45
 2-Fluorobiphenyl
 Concen: 90.866 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039655.D
 Acq: 28 Feb 2019 5:12

Tgt Ion:172 Resp: 921845
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 24.8 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039655.D

Acq: 28 Feb 2019 5:12

Instrument :

BNA_G

ClientSampleId :

PL-02-022619-C

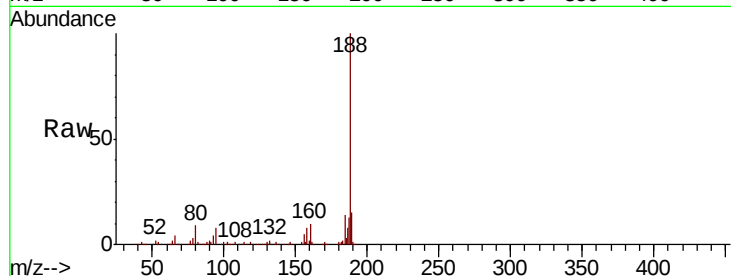
Tot Ion:188 Resp: 330053

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

80 8.7 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

250000

200000

150000

100000

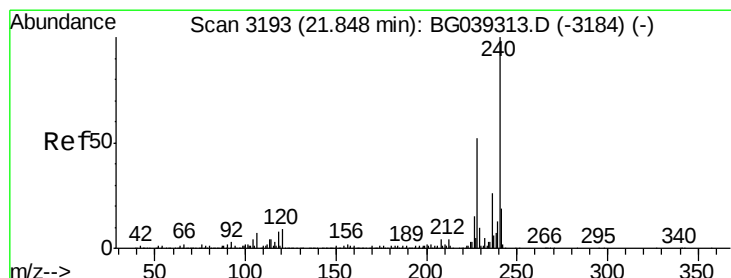
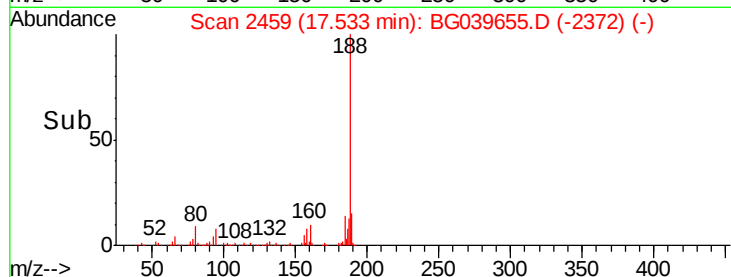
50000

0

17.53

17.50 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039655.D

Acq: 28 Feb 2019 5:12

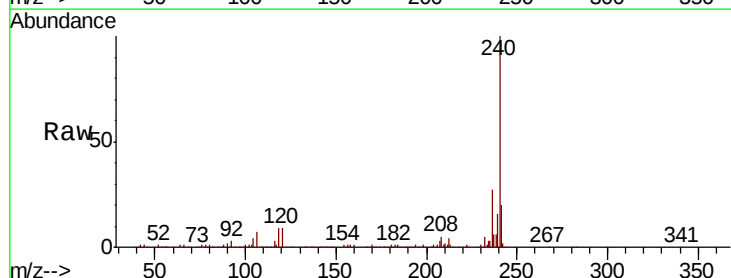
Tgt Ion:240 Resp: 353140

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

236 26.9 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

250000

200000

150000

100000

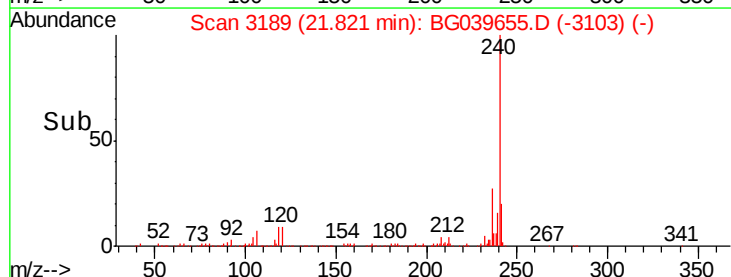
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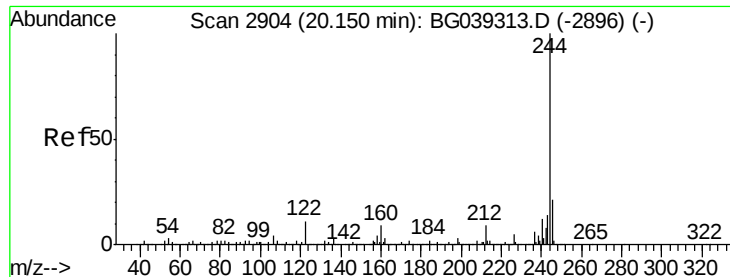
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21.82

21.70 21.80 21.90

Time-->



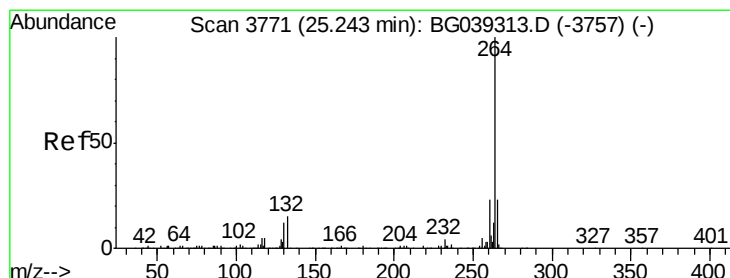
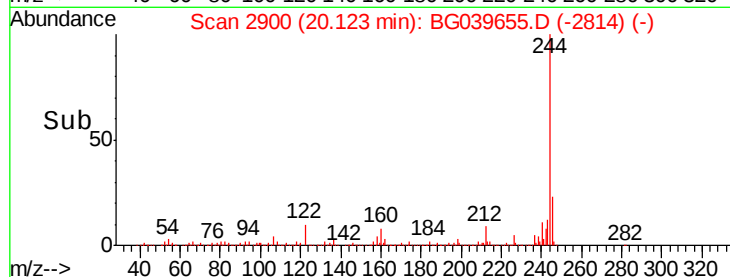
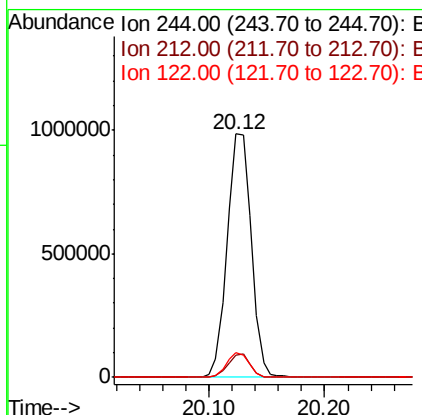
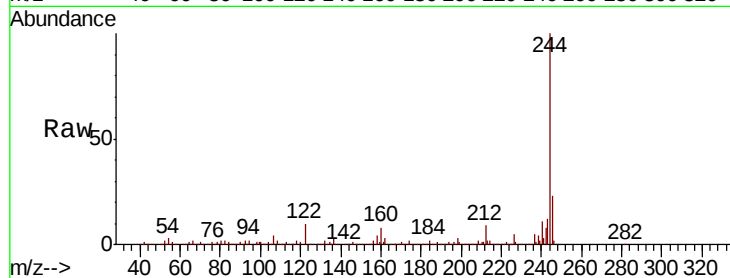


#79
 Terphenyl-d14
 Concen: 85.386 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG039655.D
 Acq: 28 Feb 2019 5:12

Instrument :
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 ClientSampleId :
 PL-02-022619-C

Tot Ion:244 Resp: 1424547

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.2	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.04 min
 Lab File: BG039655.D
 Acq: 28 Feb 2019 5:12

Tgt Ion:264 Resp: 338098

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	22.0	18.5	27.7

