

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039619.D
 Acq On : 27 Feb 2019 3:59
 Operator : JU/SJ
 Sample : K1597-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Quant Time: Feb 27 06:50:09 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	60131	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	252770	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	164707	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	408492	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	458503	20.00	ng	-0.03
87) Perylene-d12	25.20	264	457152	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	468900	133.46	ng	0.00
7) Phenol-d6	7.32	99	598628	115.75	ng	0.00
23) Nitrobenzene-d5	9.34	82	442828	109.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	269621	152.02	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	991913	86.39	ng	-0.02
79) Terphenyl-d14	20.13	244	1729109	79.82	ng	-0.02

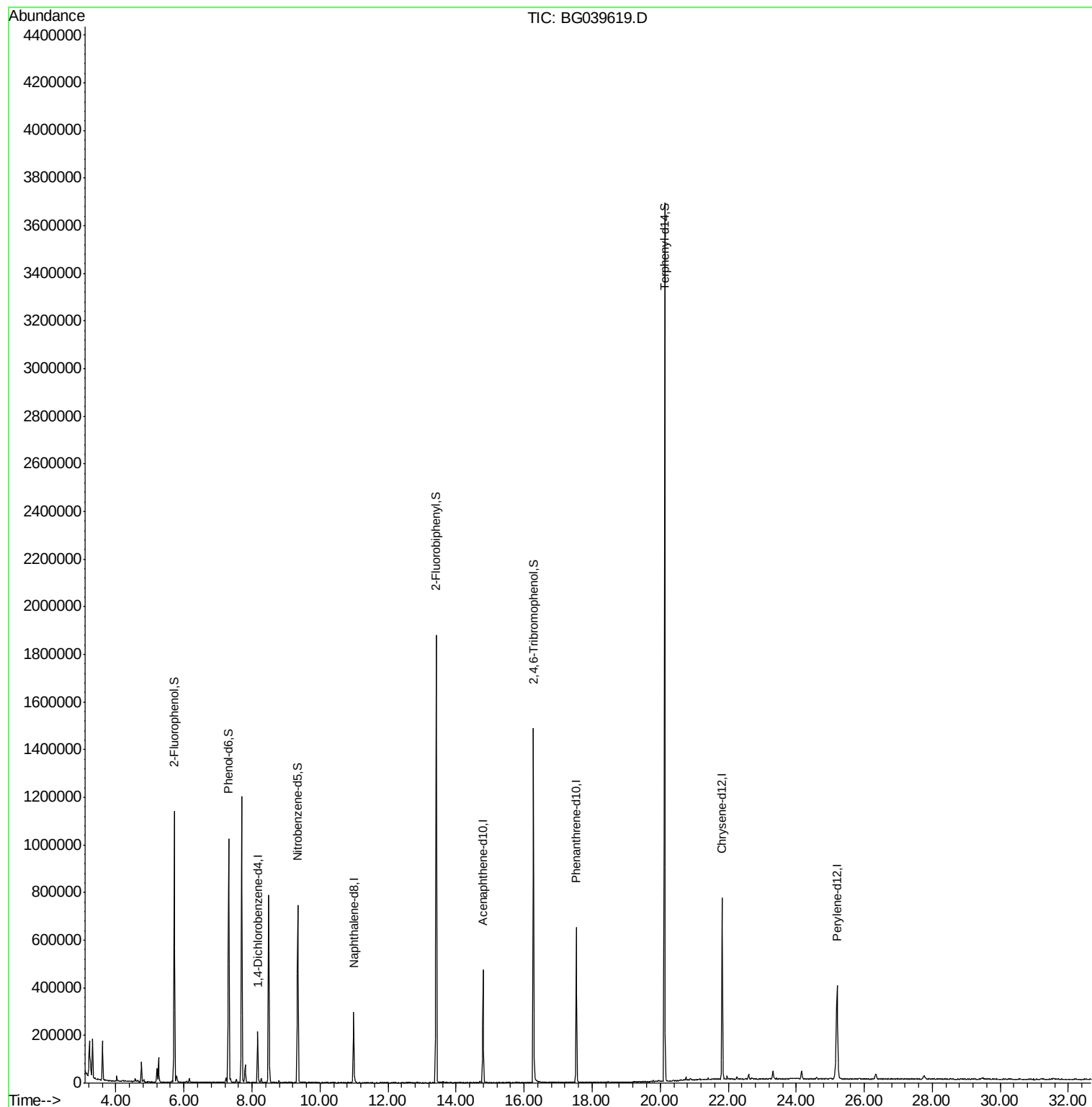
Target Compounds Qvalue

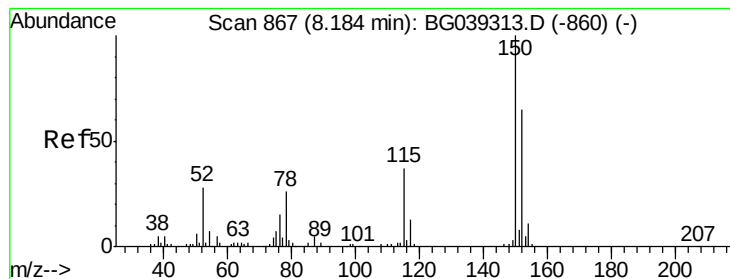
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG039619.D

Acq: 27 Feb 2019 3:59

Instrument :

BNA_G

ClientSampleId :

TP-25

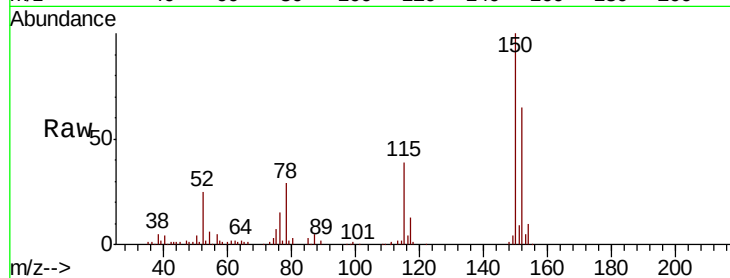
Tot Ion:152 Resp: 60131

Ion Ratio Lower Upper

152 100

150 154.6 123.7 185.5

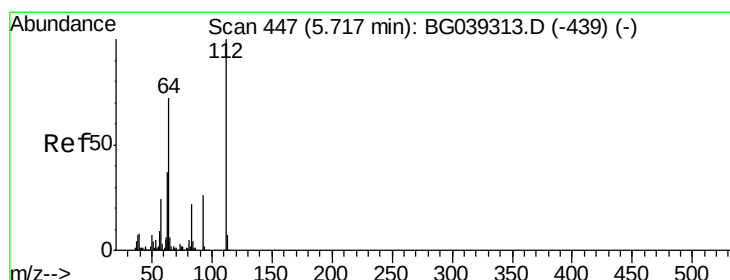
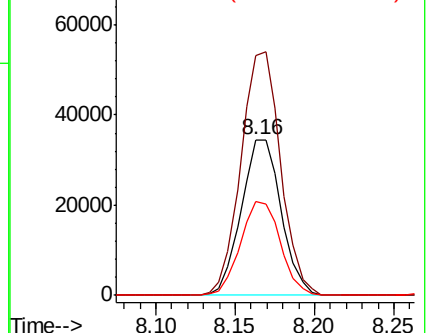
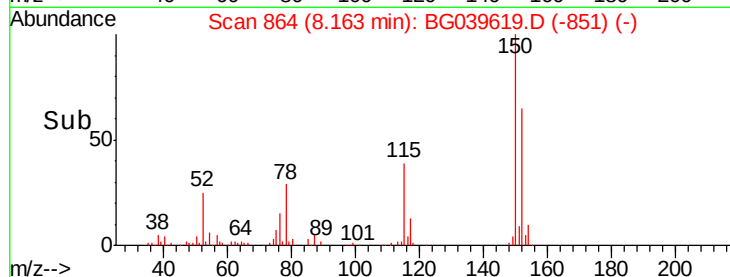
115 60.2 45.9 68.9



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: 133.463 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039619.D

Acq: 27 Feb 2019 3:59

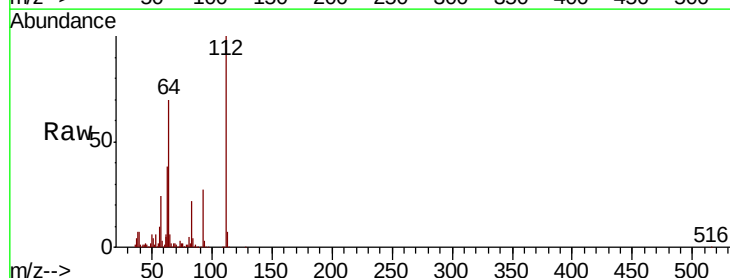
Tgt Ion:112 Resp: 468900

Ion Ratio Lower Upper

112 100

64 69.7 57.8 86.8

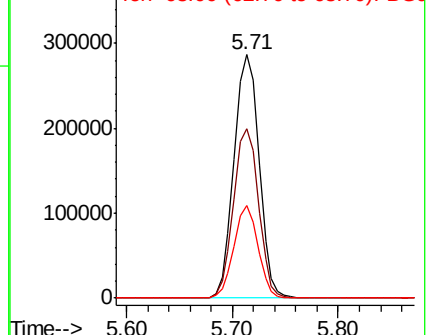
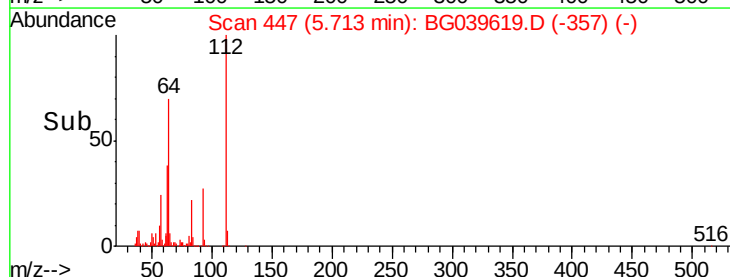
63 37.8 29.8 44.6

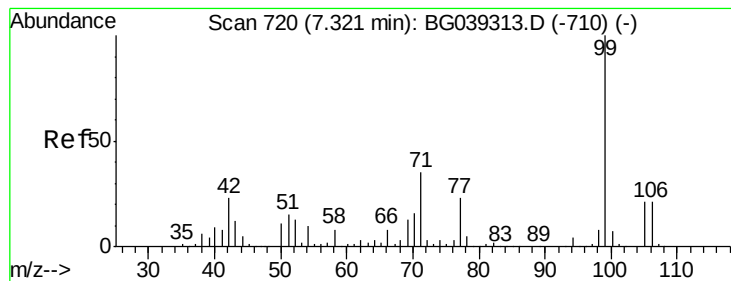


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.755 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039619.D

Acq: 27 Feb 2019 3:59

Instrument :

BNA_G

ClientSampleId :

TP-25

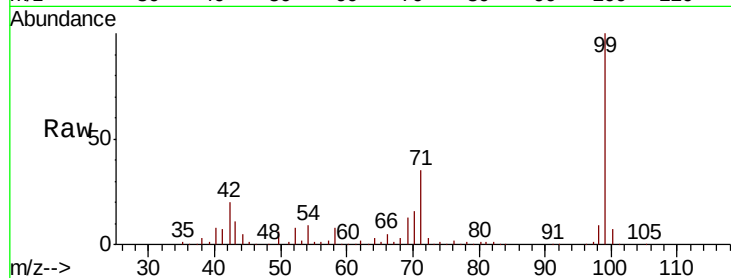
Tot Ion: 99 Resp: 598628

Ion Ratio Lower Upper

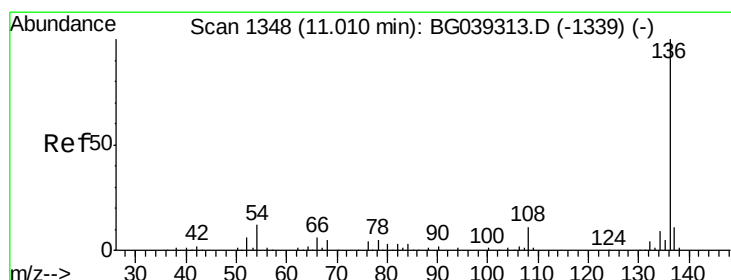
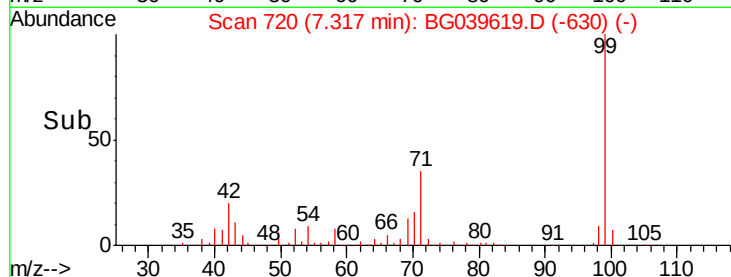
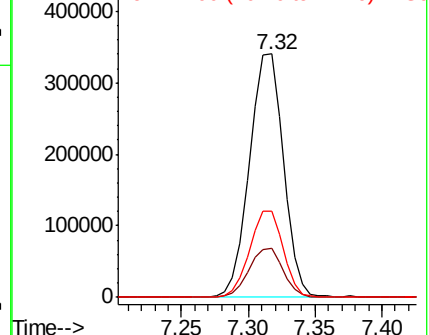
99 100

42 19.9 18.2 27.2

71 35.4 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: BG039619.D

Acq: 27 Feb 2019 3:59

Tgt Ion: 136 Resp: 252770

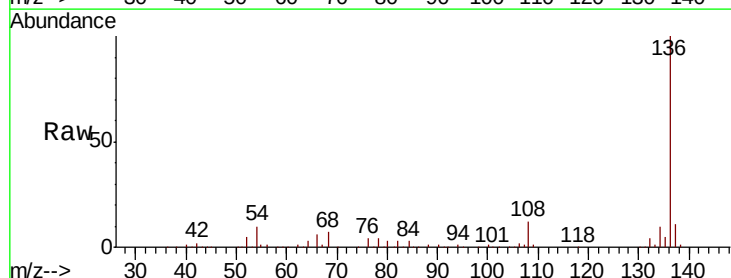
Ion Ratio Lower Upper

136 100

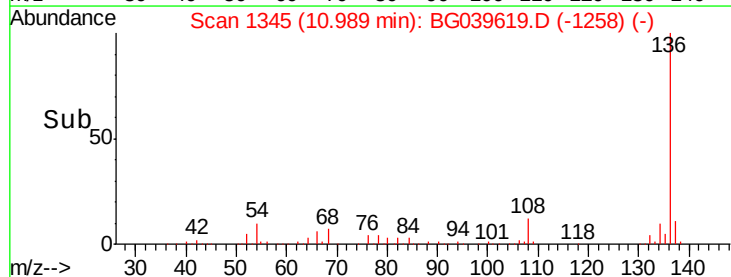
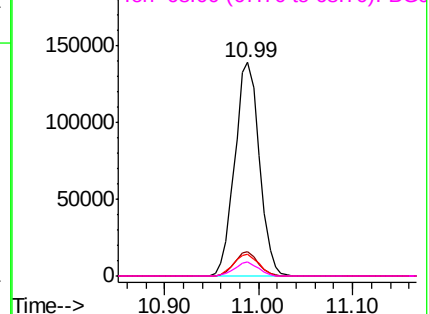
137 11.2 9.1 13.7

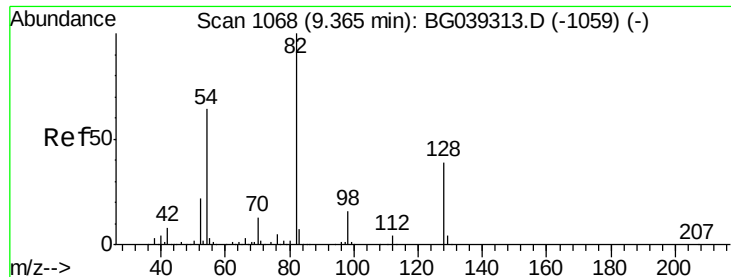
54 10.1 9.4 14.2

68 6.8 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

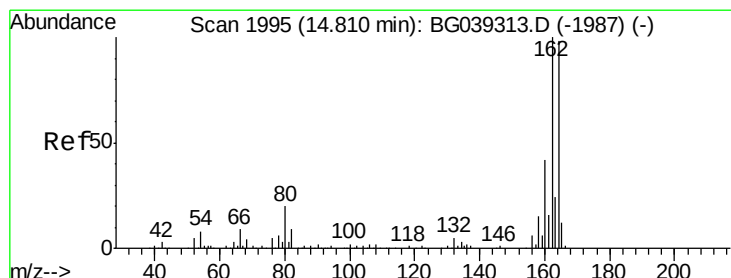
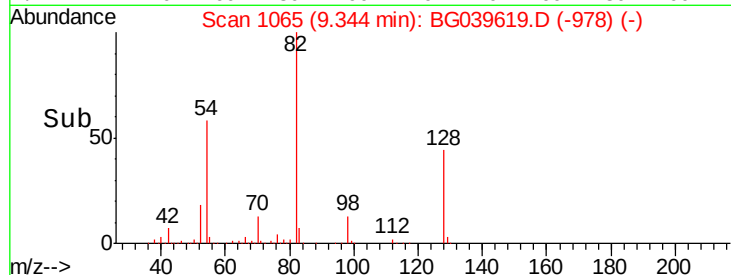
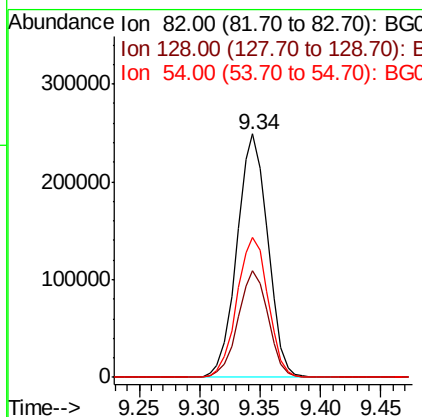
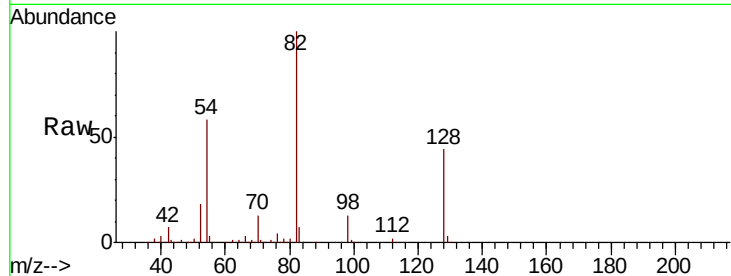




#23
Nitrobenzene-d5
Concen: 109.444 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039619.D
Acq: 27 Feb 2019 3:59

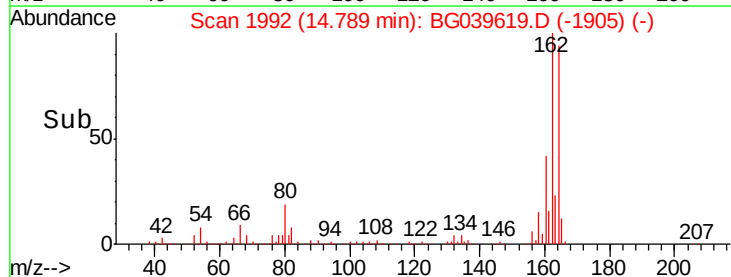
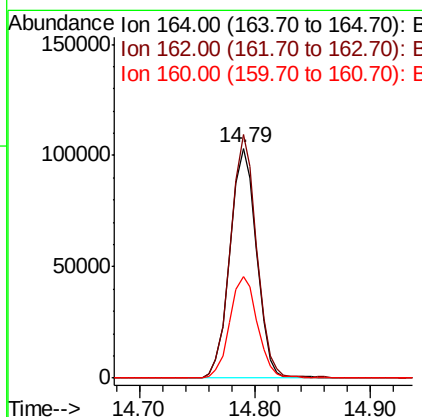
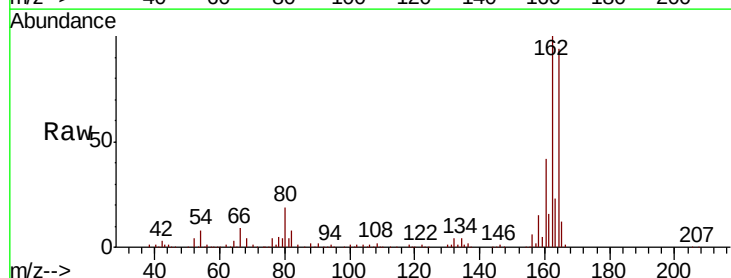
Instrument :
BNA_G
ClientSampleId :
TP-25

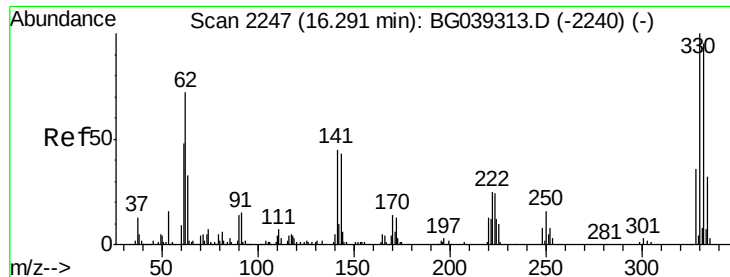
Tot Ion	82	Resp	442828
Ion Ratio	Lower	Upper	
82	100		
128	43.9	31.3	46.9
54	57.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039619.D
Acq: 27 Feb 2019 3:59

Tgt Ion	164	Resp	164707
Ion Ratio	Lower	Upper	
164	100		
162	106.1	81.6	122.4
160	44.3	34.2	51.2

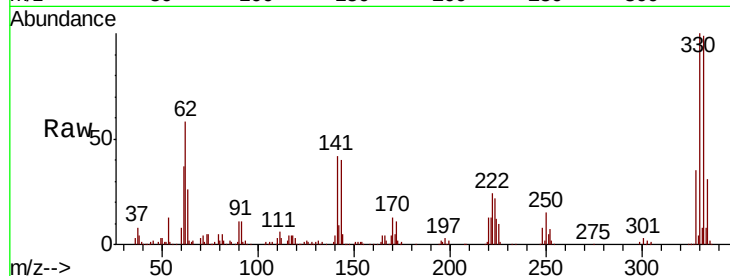




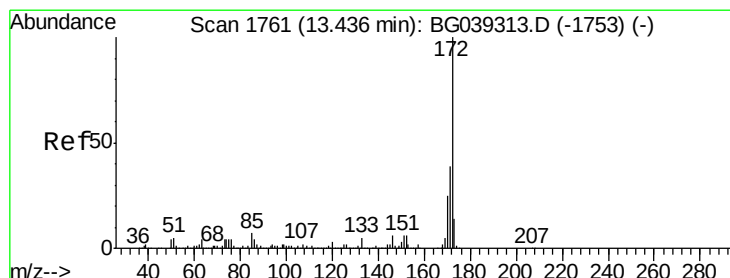
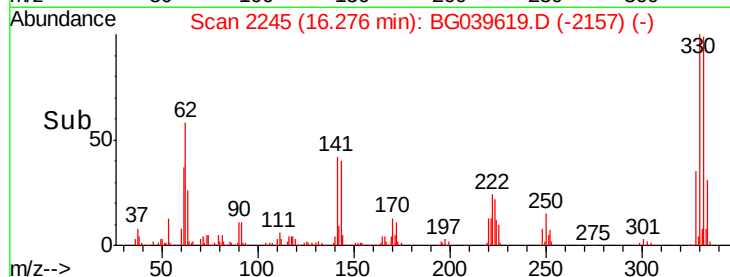
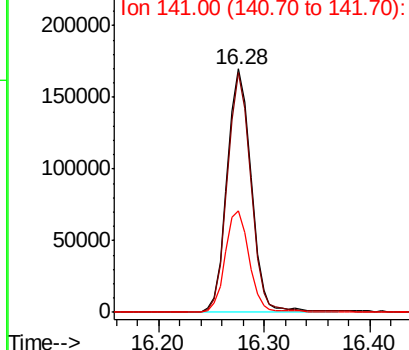
#42
 2,4,6-Tribromophenol
 Concen: 152.018 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039619.D
 Acq: 27 Feb 2019 3:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Tot Ion:330 Resp: 269621
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 41.5 35.6 53.4

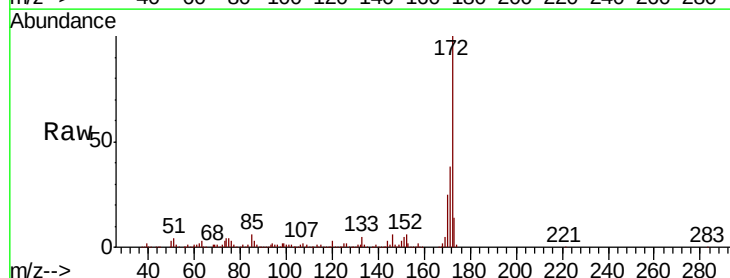


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

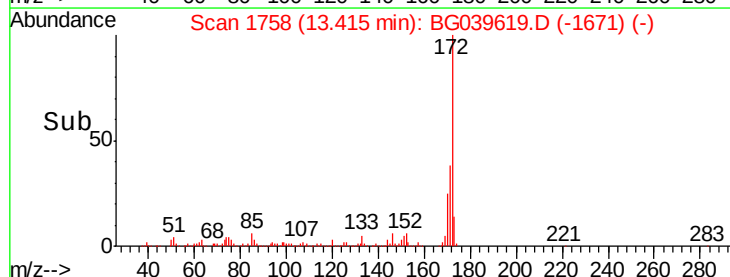
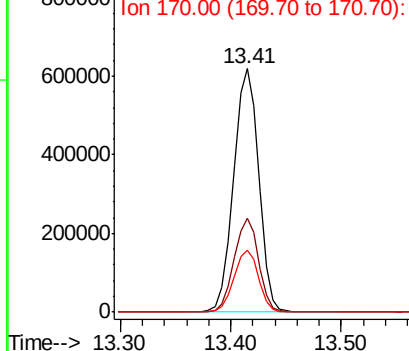


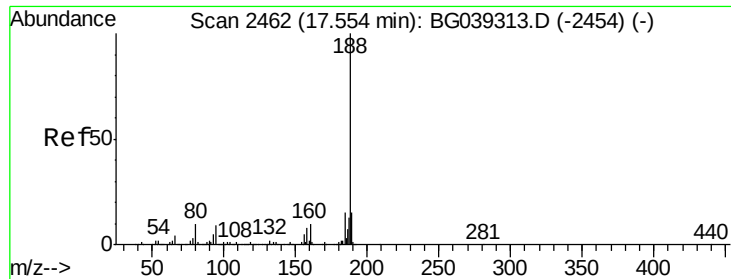
#45
 2-Fluorobiphenyl
 Concen: 86.393 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039619.D
 Acq: 27 Feb 2019 3:59

Tgt Ion:172 Resp: 991913
 Ion Ratio Lower Upper
 172 100
 171 38.4 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039619.D

Acq: 27 Feb 2019 3:59

Instrument :

BNA_G

ClientSampleId :

TP-25

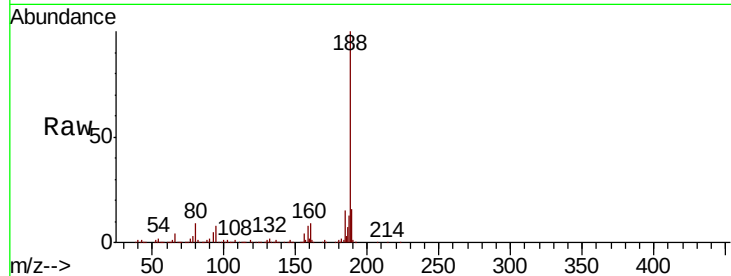
Tot Ion:188 Resp: 408492

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

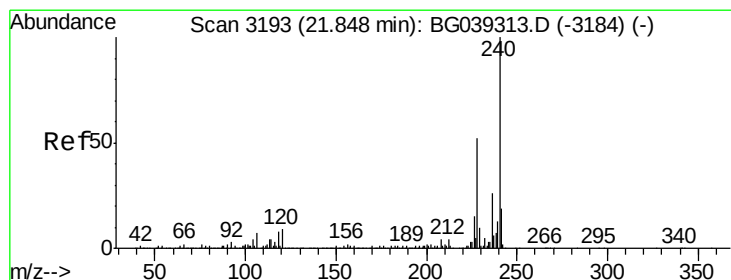
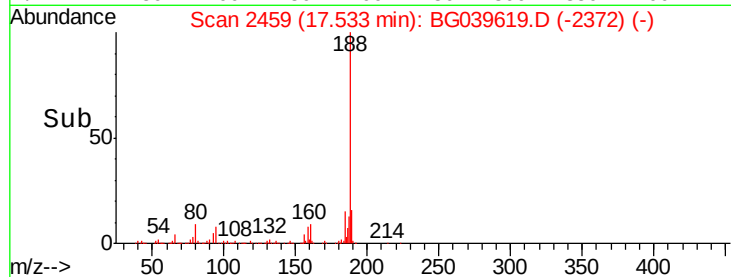
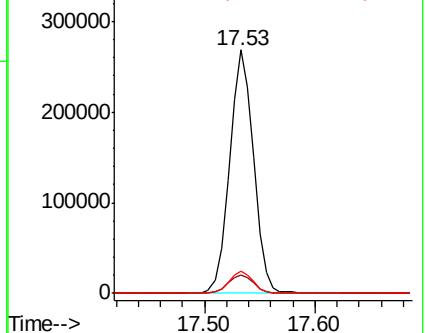
80 9.1 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039619.D

Acq: 27 Feb 2019 3:59

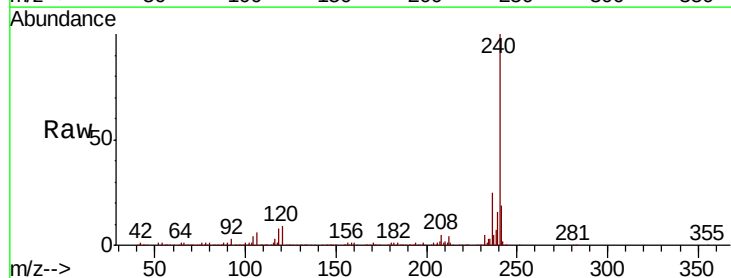
Tgt Ion:240 Resp: 458503

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

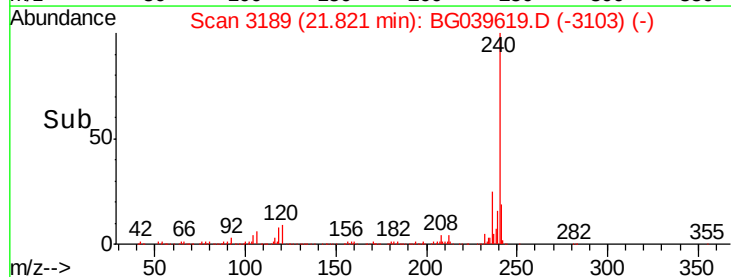
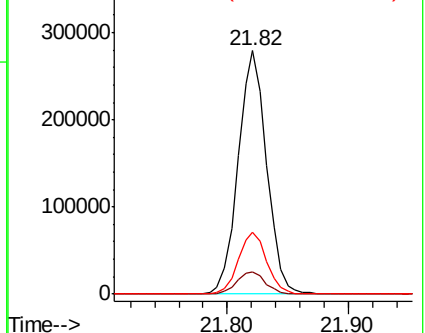
236 25.2 21.0 31.4

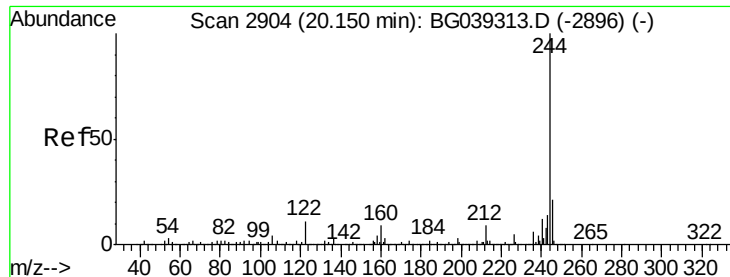


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



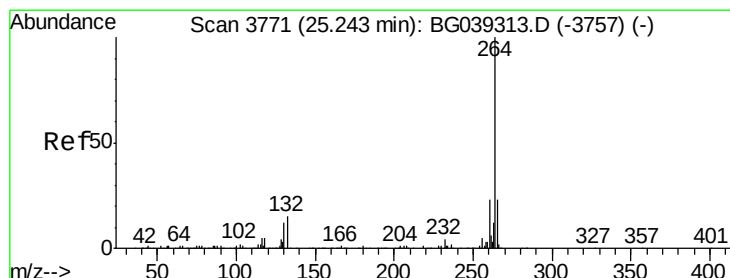
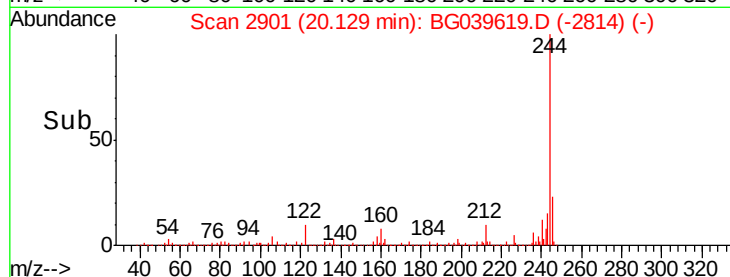
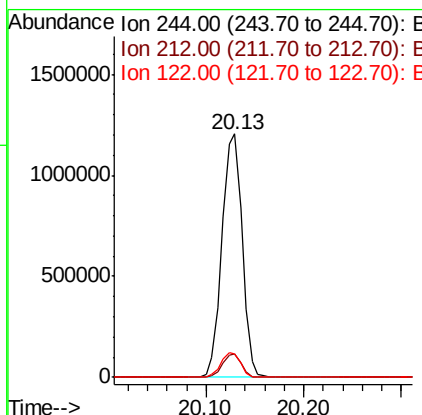
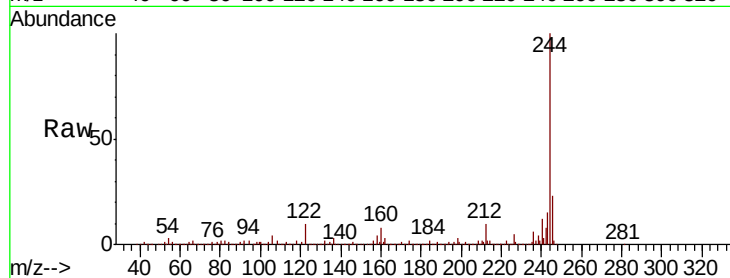


#79
 Terphenyl-d14
 Concen: 79.825 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039619.D
 Acq: 27 Feb 2019 3:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Tot Ion:244 Resp: 1729109

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	9.6	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: BG039619.D
 Acq: 27 Feb 2019 3:59

Tgt Ion:264 Resp: 457152

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.2	18.5	27.7

