

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039526.D
 Acq On : 15 Feb 2019 18:06
 Operator : JU/SJ
 Sample : K1346-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-A

Quant Time: Feb 16 03:25:25 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	43750	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	196147	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	145120	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	365783	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	375104	20.00	ng	-0.02
87) Perylene-d12	25.22	264	367710	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	371193	145.21	ng	0.00
7) Phenol-d6	7.32	99	508452	135.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	341712	108.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	218216	139.64	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	877973	86.79	ng	-0.02
79) Terphenyl-d14	20.13	244	1484228	83.75	ng	-0.02

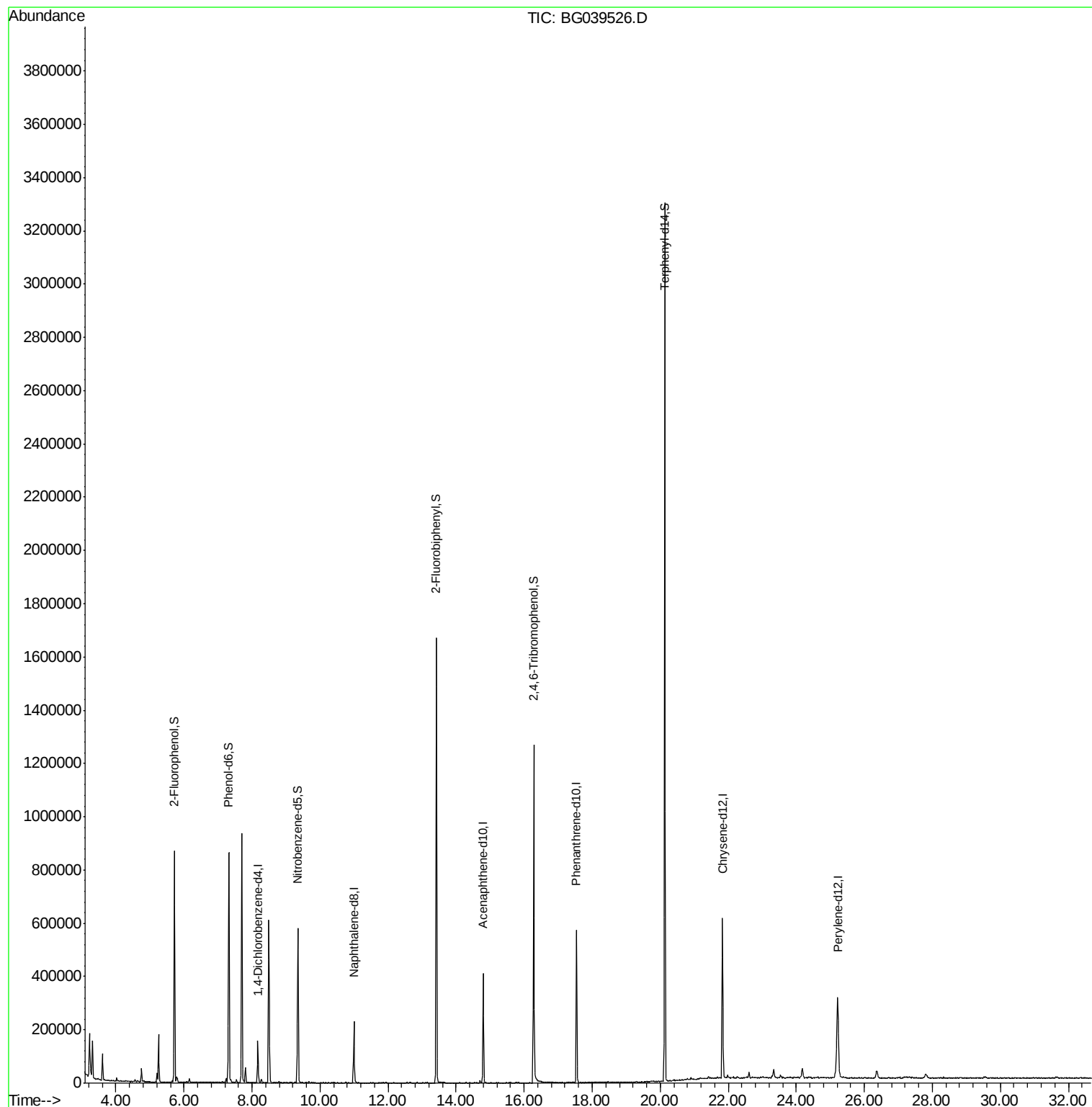
Target Compounds Qvalue

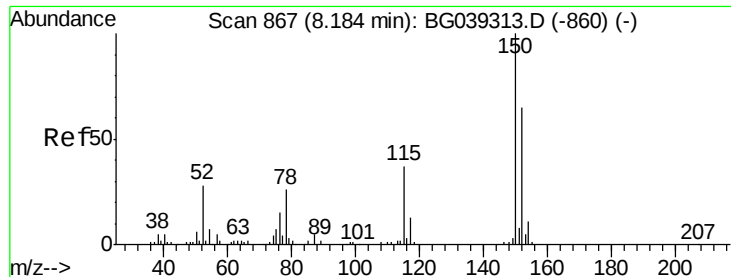
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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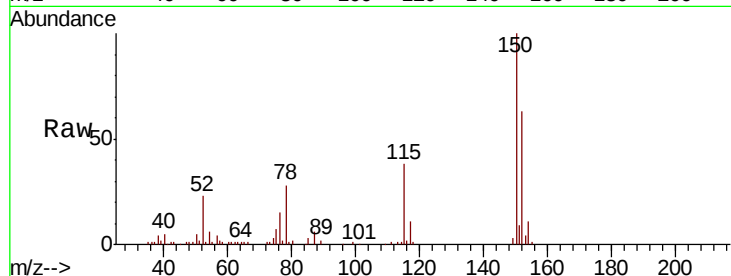


#1

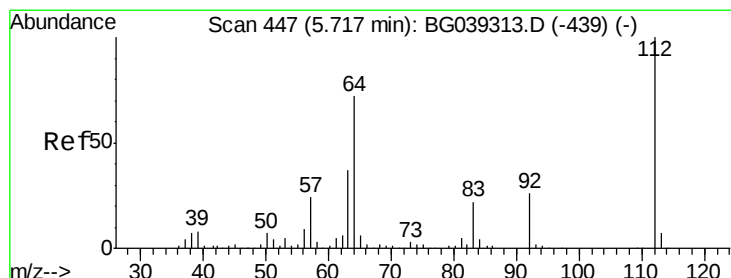
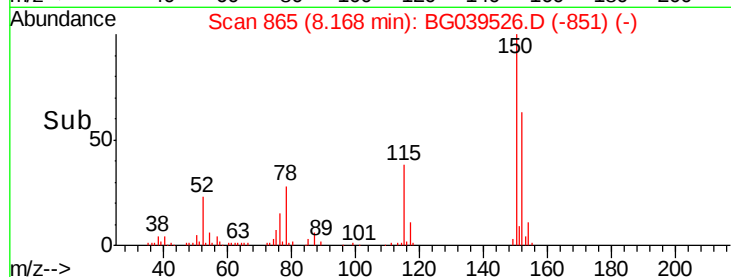
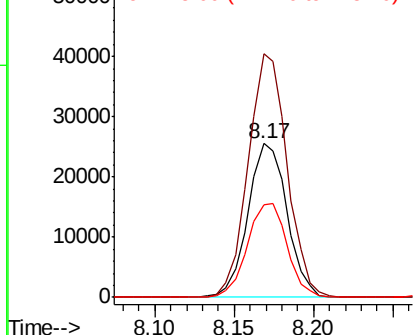
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tot Ion:152 Resp: 43750
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 59.9 45.9 68.9



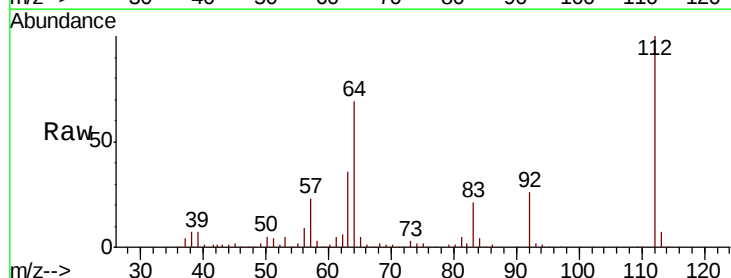
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



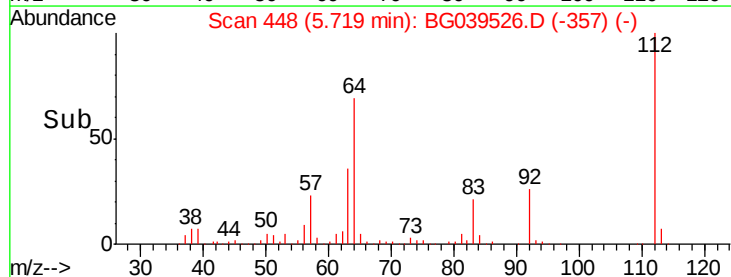
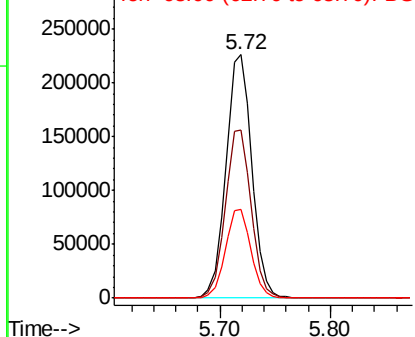
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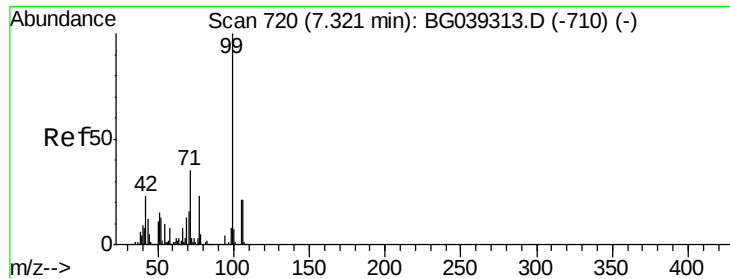
2-Fluorophenol
Concen: 145.211 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:112 Resp: 371193
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 36.3 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: 135.130 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

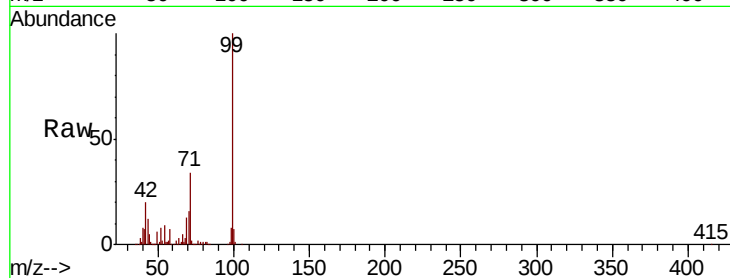
Tot Ion: 99 Resp: 508452

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.2

71 34.4 28.0 42.0

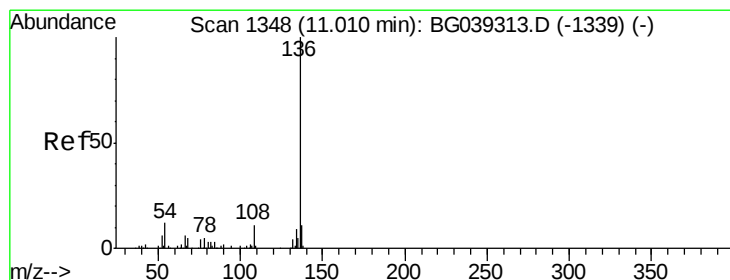
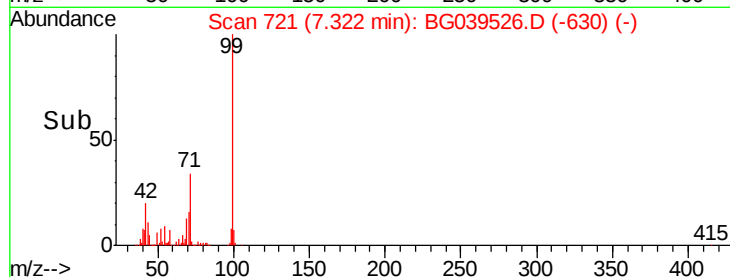
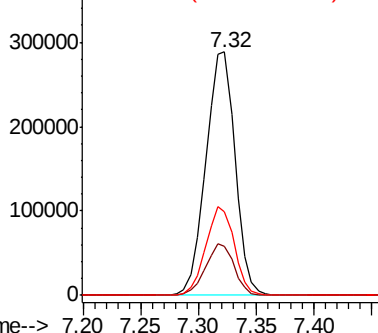


Abundance

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# 1346

Delta R.T. -0.02 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Tgt Ion: 136 Resp: 196147

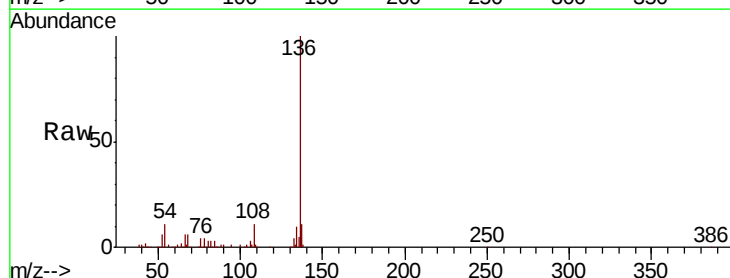
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.9 9.4 14.2

68 6.1 4.2 6.4



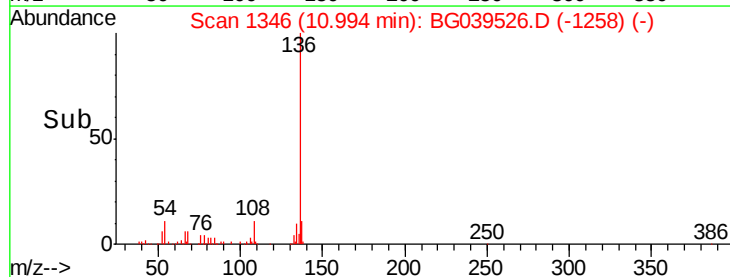
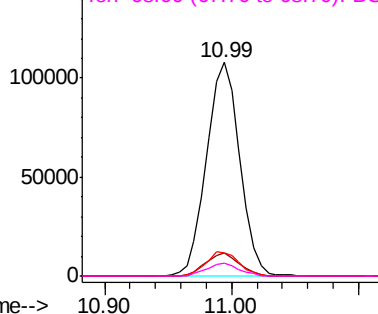
Abundance

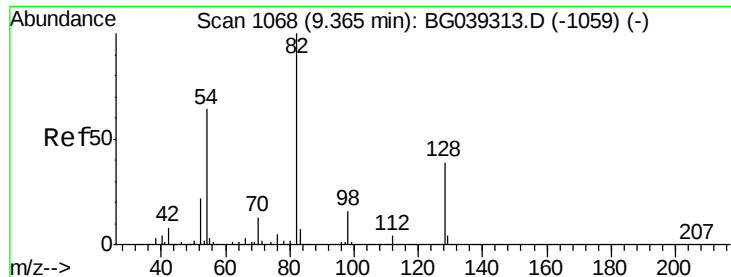
Ion 136.00 (135.70 to 136.70): BGC

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

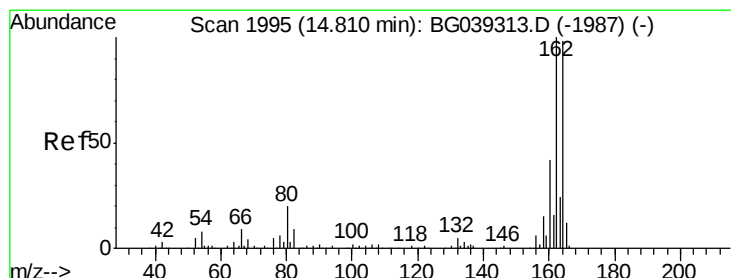
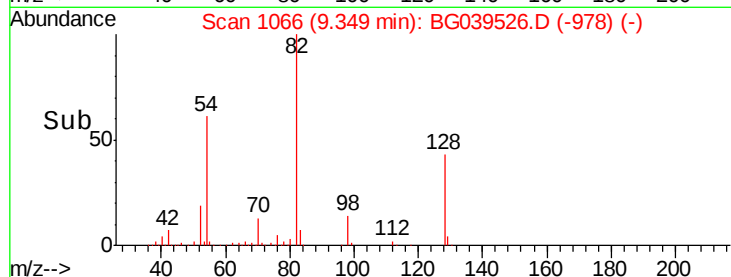
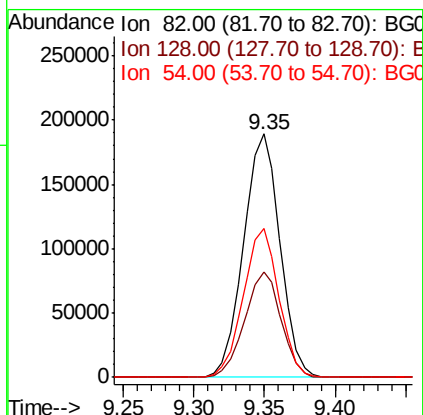
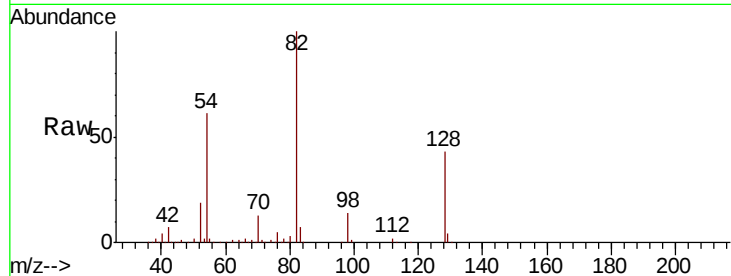




#23
 Nitrobenzene-d5
 Concen: 108.833 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039526.D
 Acq: 15 Feb 2019 18:06

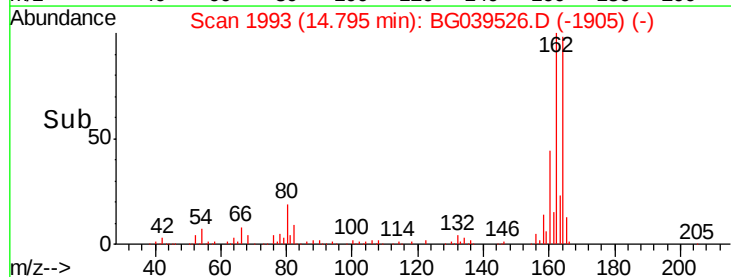
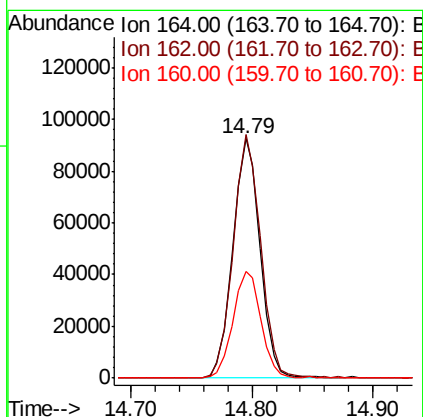
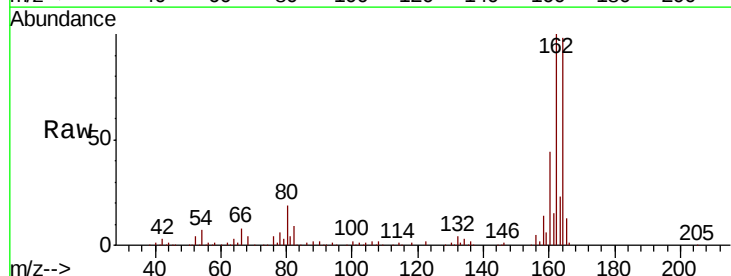
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-A

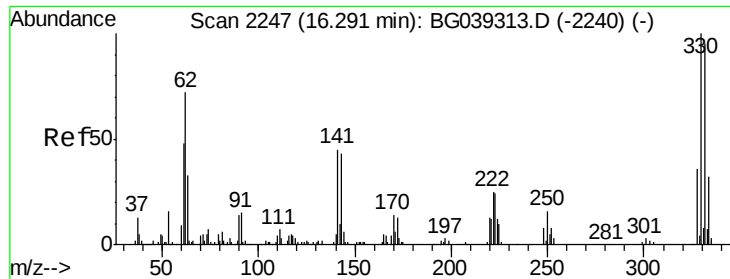
Tot Ion	82	Resp	341712
Ion Ratio	100	Lower	Upper
128	43.3	31.3	46.9
54	61.0	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BG039526.D
 Acq: 15 Feb 2019 18:06

Tgt Ion	164	Resp	145120
Ion Ratio	100	Lower	Upper
162	101.7	81.6	122.4
160	44.3	34.2	51.2

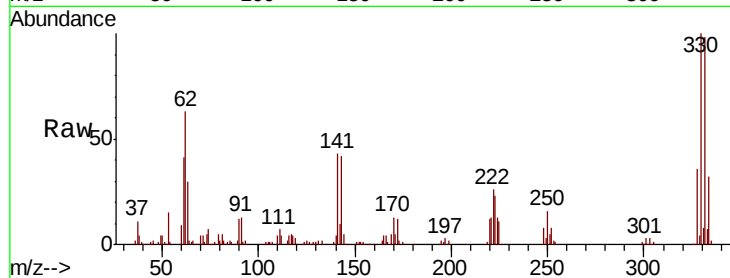




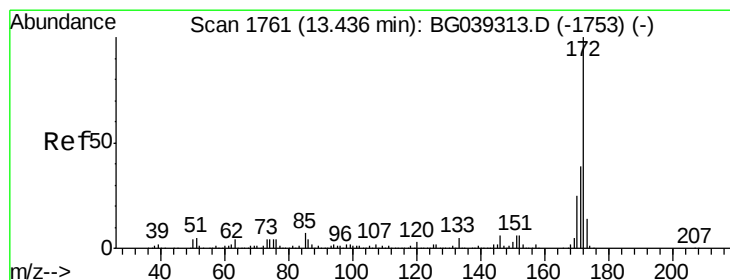
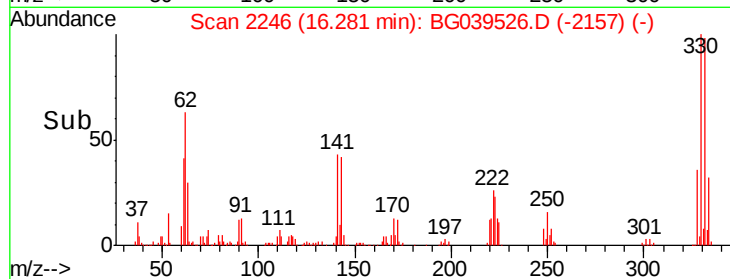
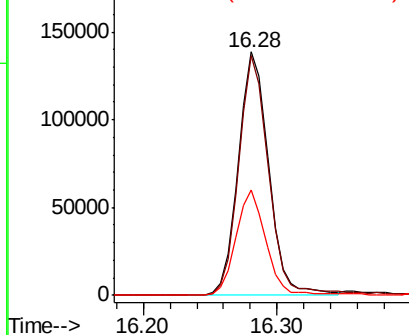
#42
 2,4,6-Tribromophenol
 Concen: 139.641 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039526.D
 Acq: 15 Feb 2019 18:06

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-A

Tot Ion:330 Resp: 218216
 Ion Ratio Lower Upper
 330 100
 332 98.8 75.7 113.5
 141 42.3 35.6 53.4

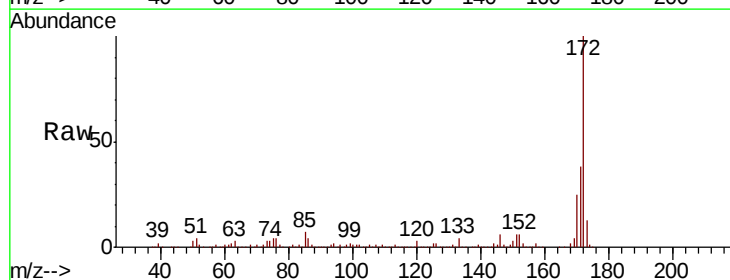


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

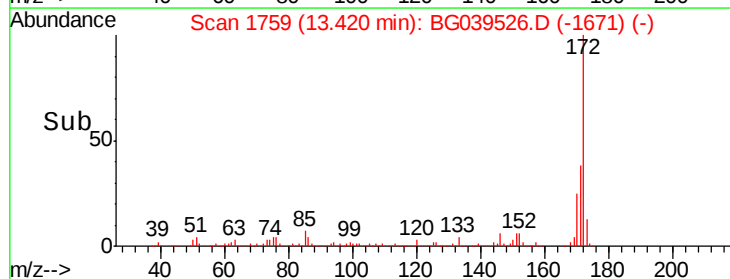
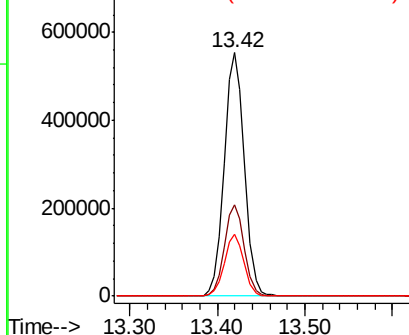


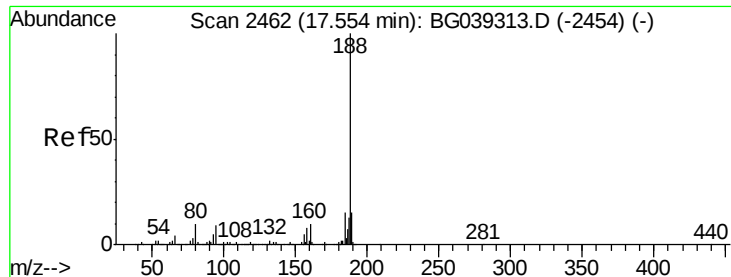
#45
 2-Fluorobiphenyl
 Concen: 86.790 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039526.D
 Acq: 15 Feb 2019 18:06

Tgt Ion:172 Resp: 877973
 Ion Ratio Lower Upper
 172 100
 171 37.7 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. -0.02 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

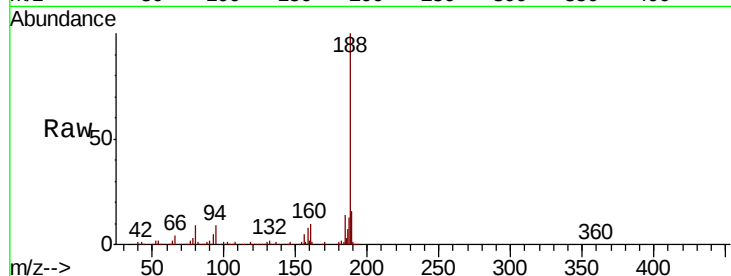
Tot Ion:188 Resp: 365783

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

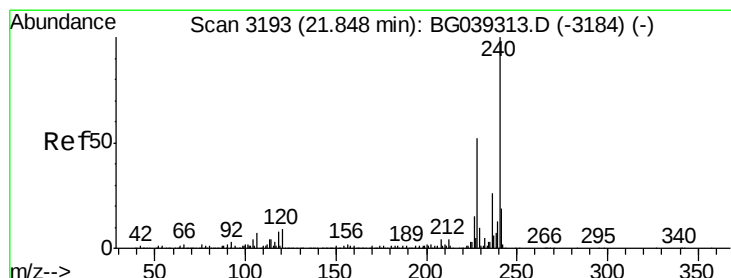
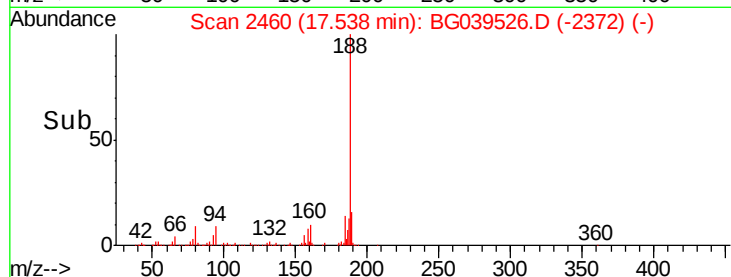
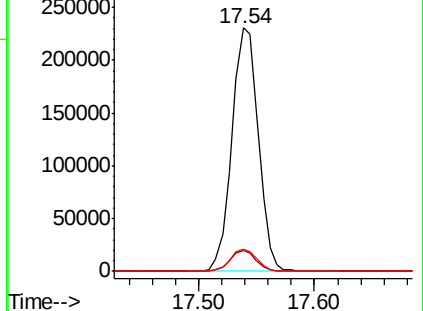
80 9.1 8.1 12.1



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: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

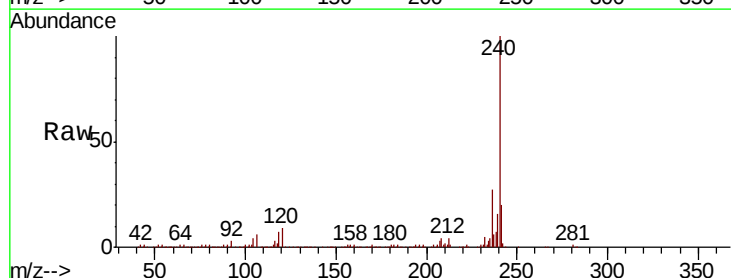
Tgt Ion:240 Resp: 375104

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

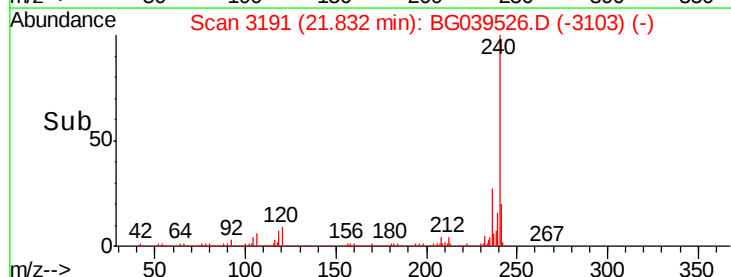
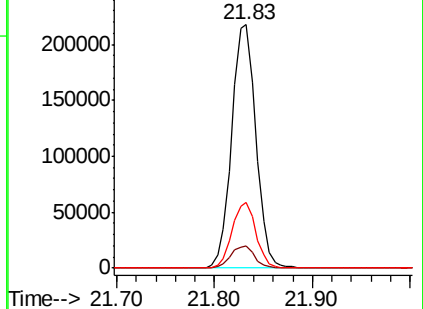
236 27.2 21.0 31.4

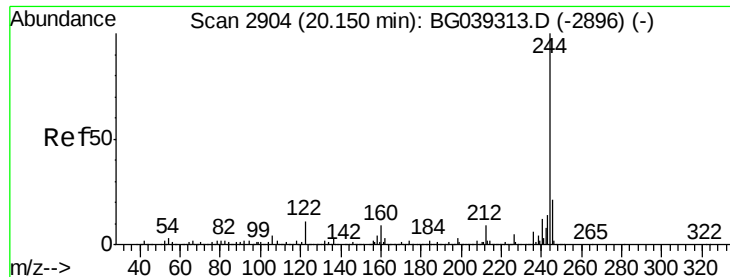


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.754 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

Tot Ion:244 Resp: 1484228

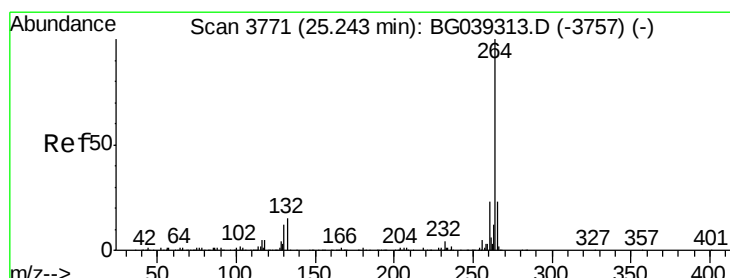
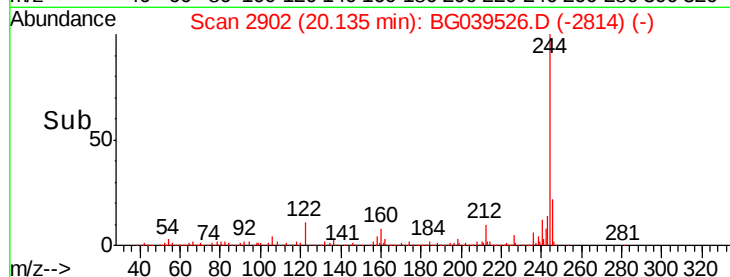
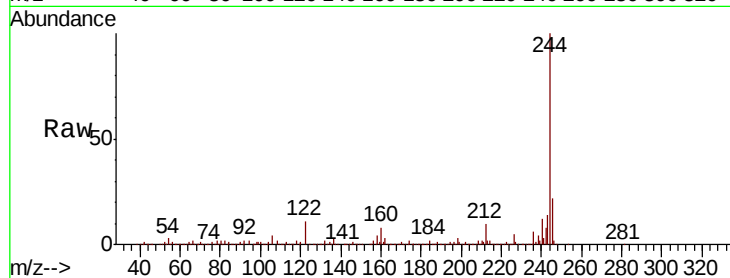
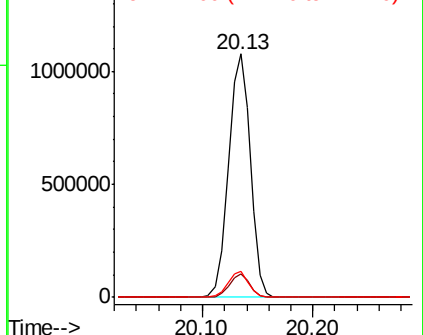
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.6	8.4	12.6

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. -0.03 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Tgt Ion:264 Resp: 367710

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.4	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

