

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039326.D
 Acq On : 30 Jan 2019 13:54
 Operator : JU/SJ
 Sample : K1282-34
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CON-2

Quant Time: Jan 30 17:30:29 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

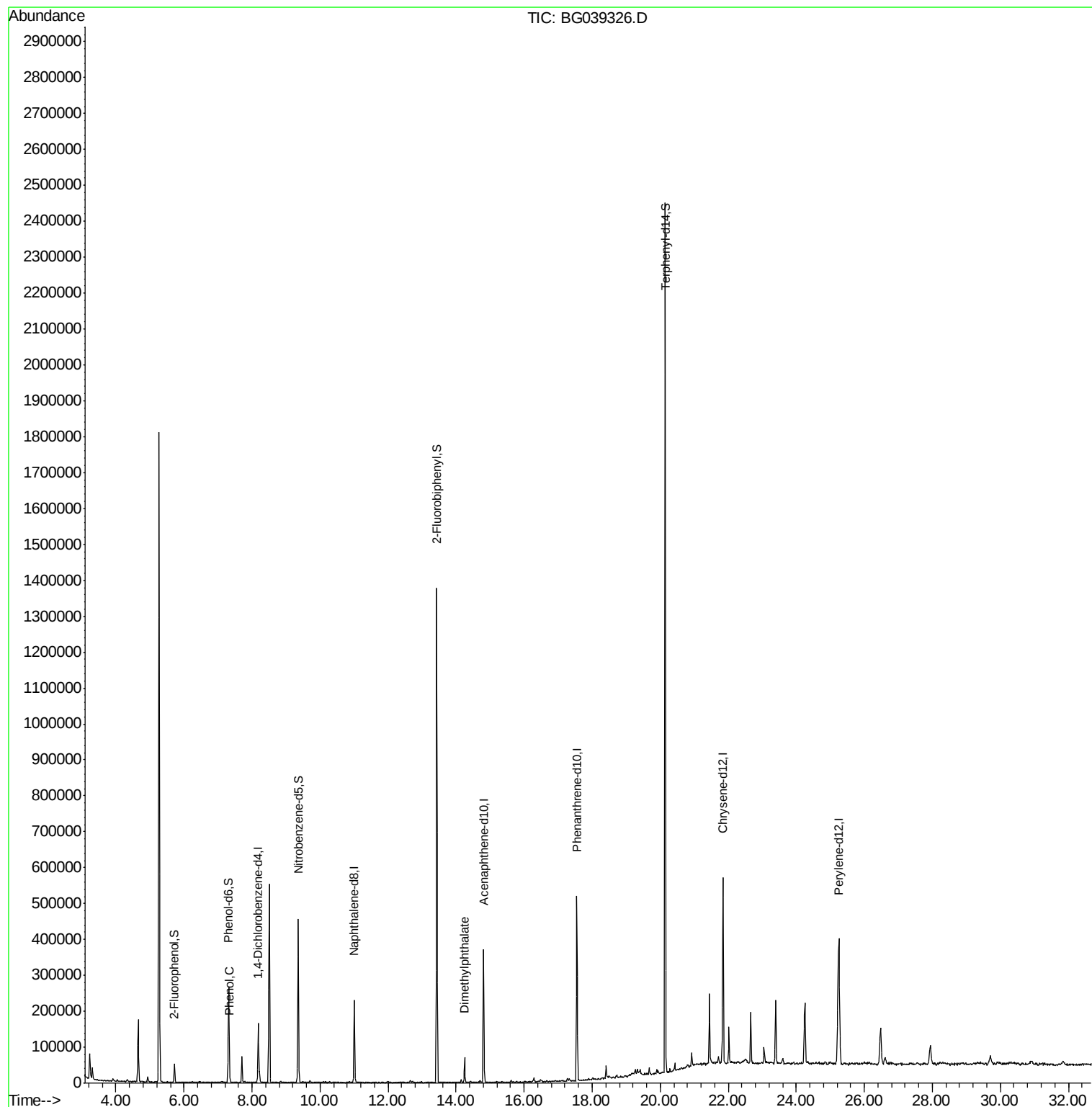
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	44170	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	188671	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	123156	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	309093	20.00	ng	0.00
76) Chrysene-d12	21.84	240	308701	20.00	ng	0.00
87) Perylene-d12	25.24	264	318027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	20925	8.11	ng	0.00
7) Phenol-d6	7.31	99	146656	38.61	ng	0.00
23) Nitrobenzene-d5	9.35	82	261441	86.57	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	2563	1.93	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	691042	80.49	ng	0.00
79) Terphenyl-d14	20.15	244	1113093	76.32	ng	0.00
Target Compounds						
10) Phenol	7.34	94	11060	2.793	ng	86
50) Dimethylphthalate	14.25	163	45340	4.558	ng	97

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

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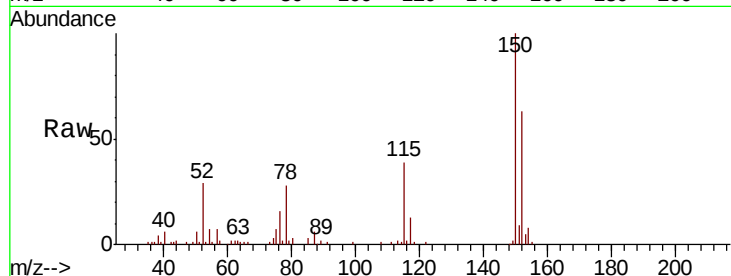


#1

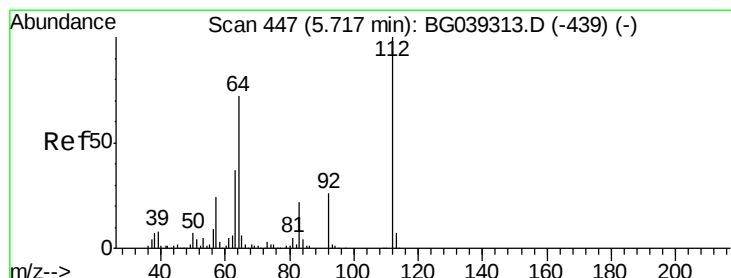
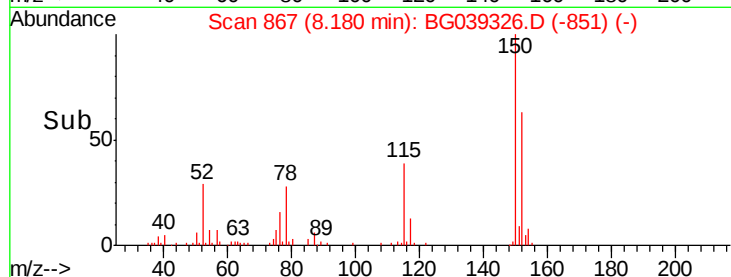
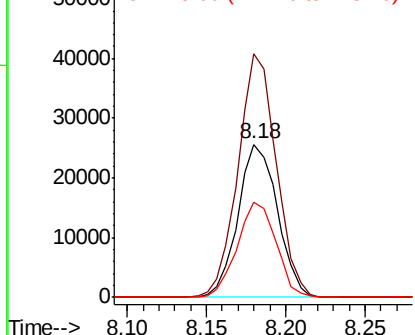
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039326.D
Acq: 30 Jan 2019 13:54

Instrument :
BNA_G
ClientSampled :
CON-2

Tot Ion:152 Resp: 44170
Ion Ratio Lower Upper
152 100
150 159.0 123.7 185.5
115 62.2 45.9 68.9



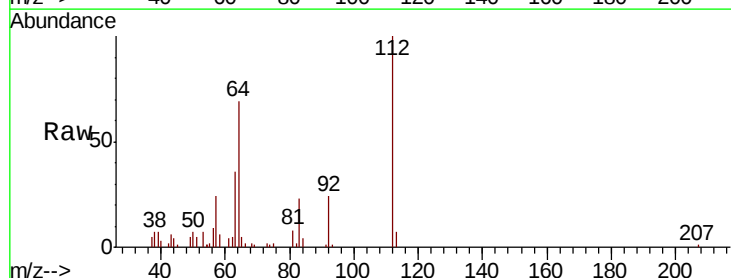
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



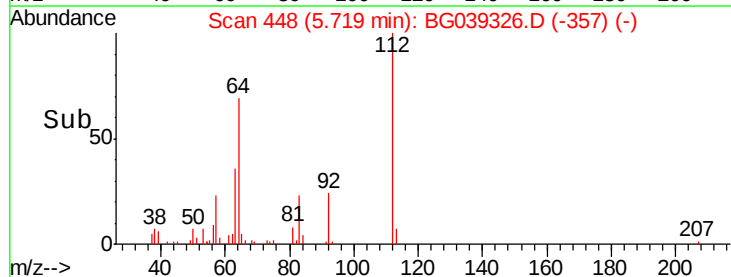
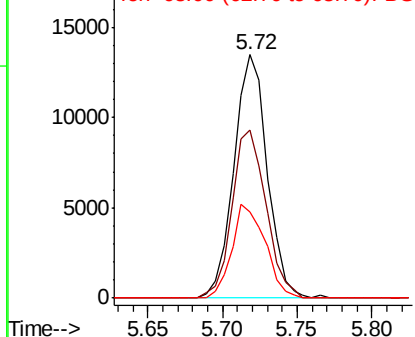
#5

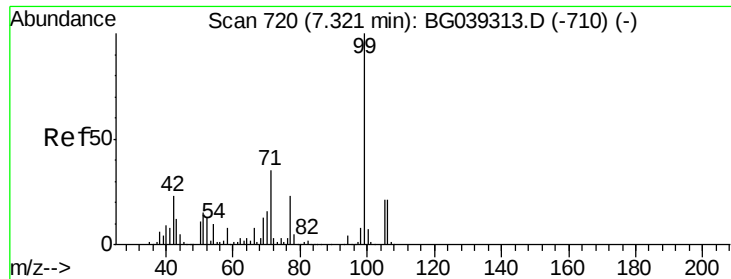
2-Fluorophenol
Concen: 8.108 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039326.D
Acq: 30 Jan 2019 13:54

Tgt Ion:112 Resp: 20925
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.8
63 35.5 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: 38.606 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

Instrument :

BNA_G

ClientSampleId :

CON-2

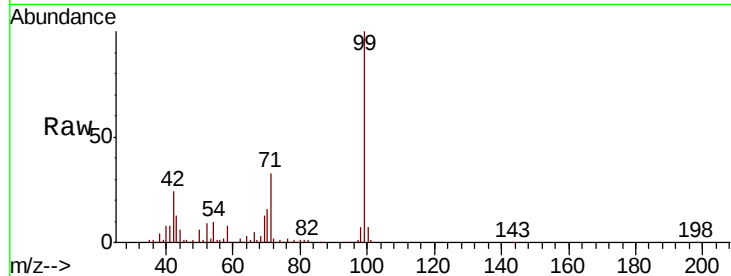
Tot Ion: 99 Resp: 146656

Ion Ratio Lower Upper

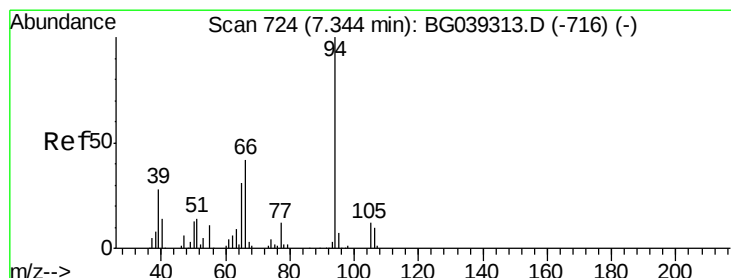
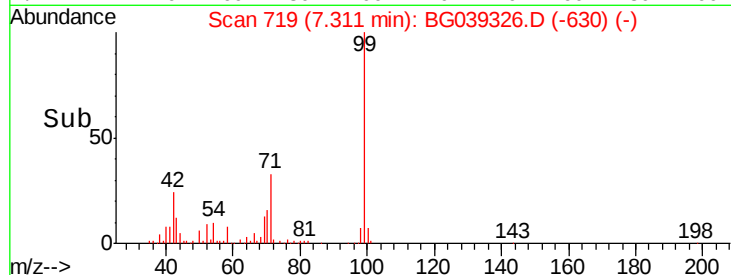
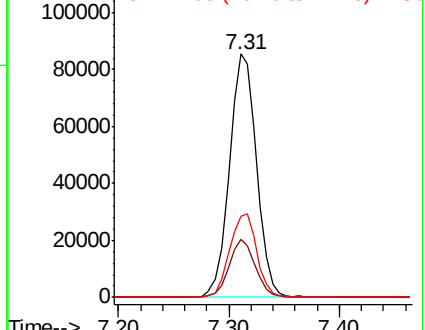
99 100

42 23.9 18.2 27.2

71 33.2 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



#10

Phenol

Concen: 2.793 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

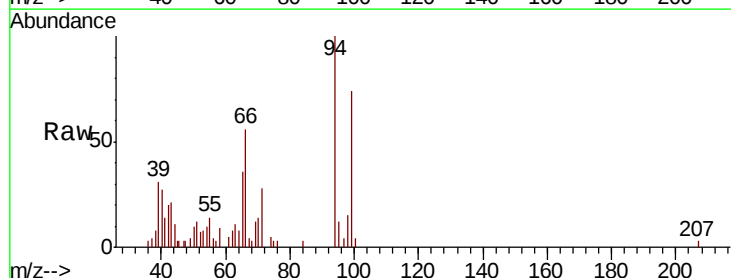
Tgt Ion: 94 Resp: 11060

Ion Ratio Lower Upper

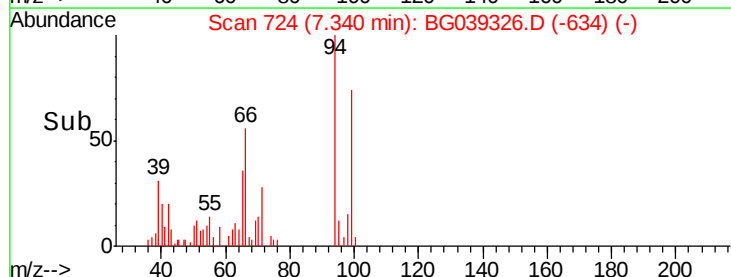
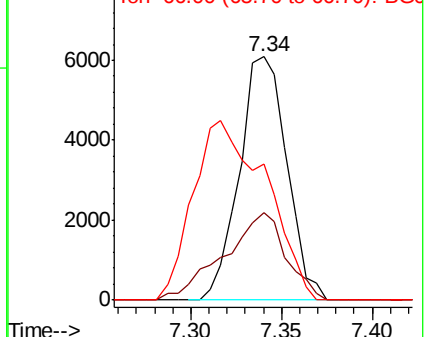
94 100

65 35.8 11.7 51.7

66 55.9 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

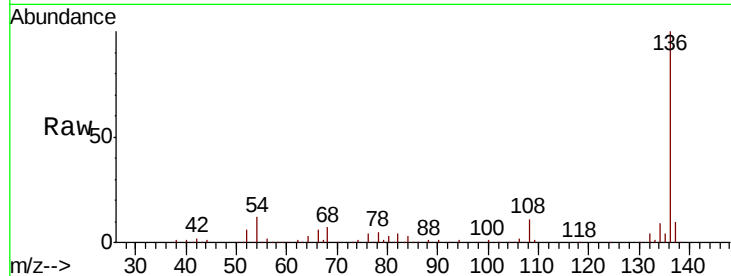




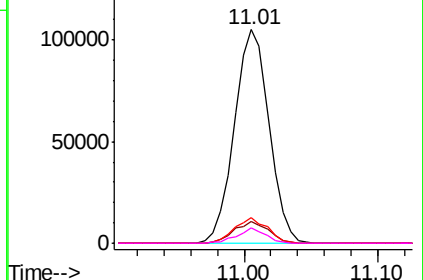
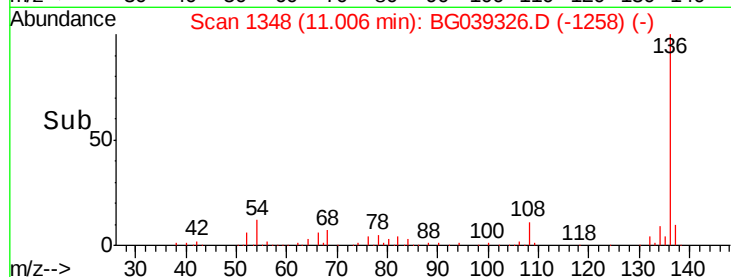
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039326.D
Acq: 30 Jan 2019 13:54

Instrument :
BNA_G
ClientSampleId :
CON-2

Tot Ion:136 Resp: 188671
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 12.2 9.4 14.2
68 7.1 4.2 6.4#

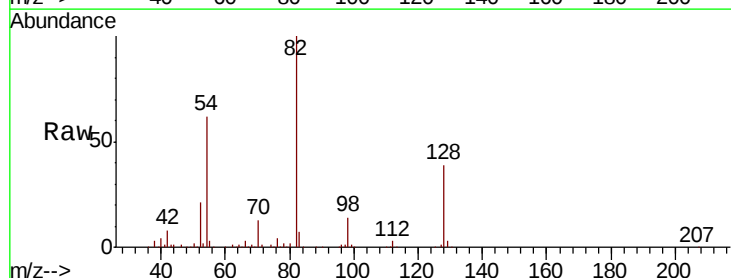


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

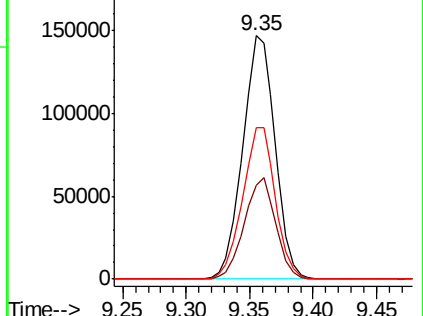
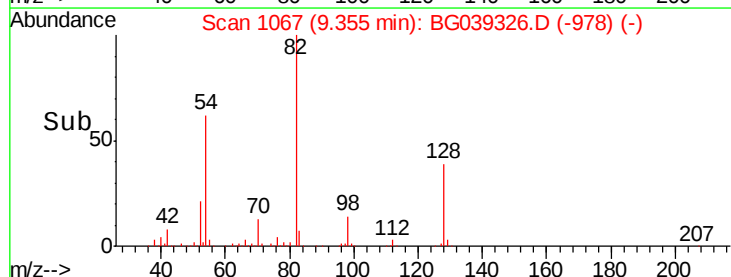


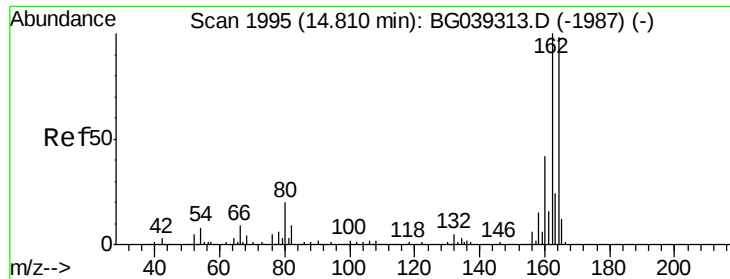
#23
Nitrobenzene-d5
Concen: 86.567 ng
RT: 9.35 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039326.D
Acq: 30 Jan 2019 13:54

Tgt Ion: 82 Resp: 261441
Ion Ratio Lower Upper
82 100
128 38.8 31.3 46.9
54 62.1 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

Instrument :

BNA_G

ClientSampleId :

CON-2

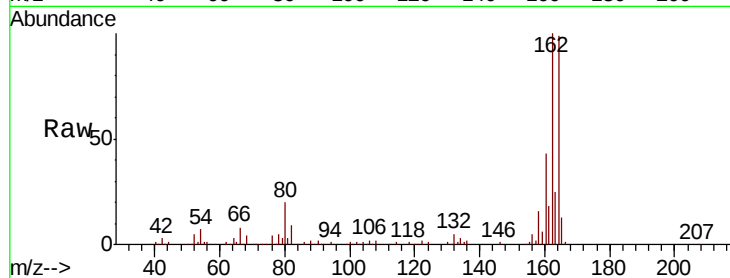
Tot Ion:164 Resp: 123156

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

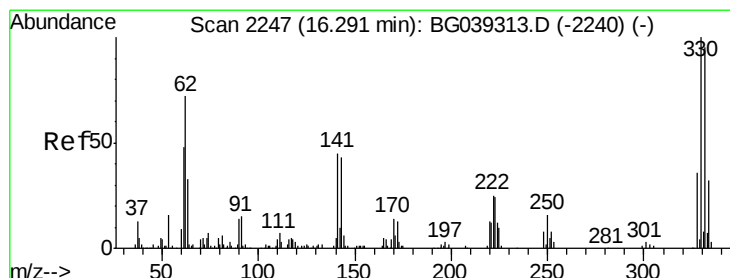
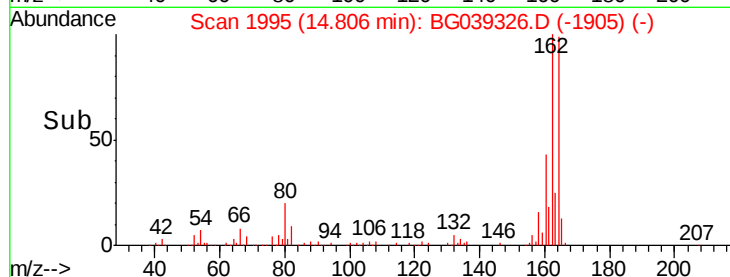
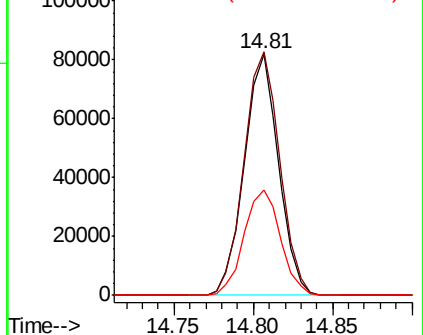
160 43.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 1.933 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

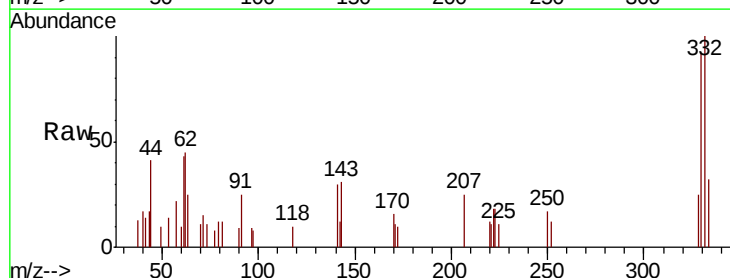
Tgt Ion:330 Resp: 2563

Ion Ratio Lower Upper

330 100

332 98.6 75.7 113.5

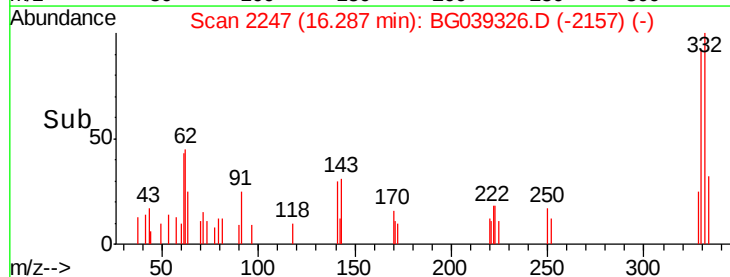
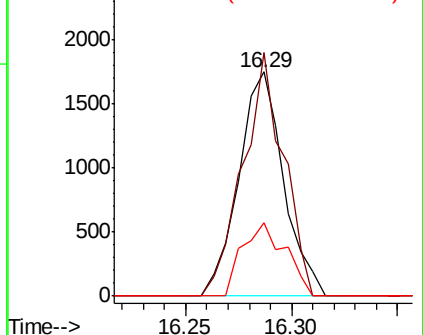
141 31.2 35.6 53.4#



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

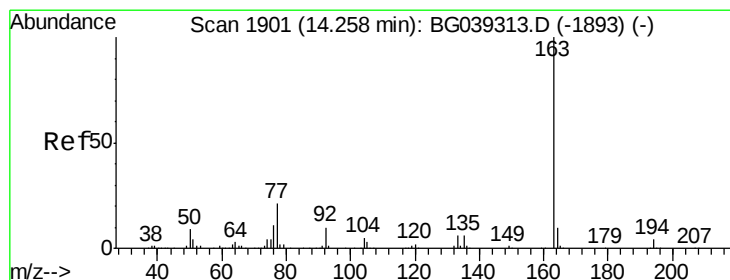
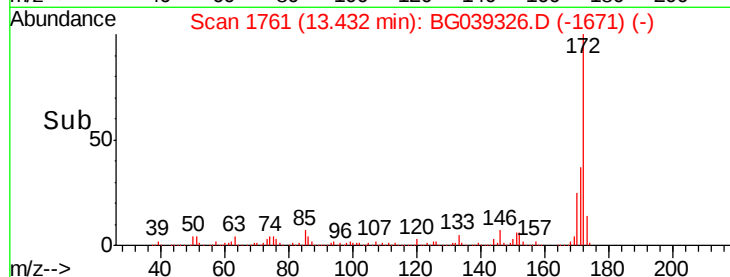
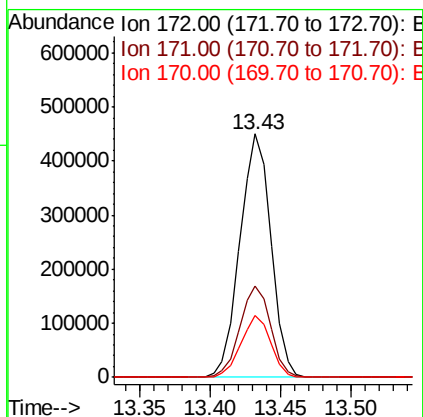
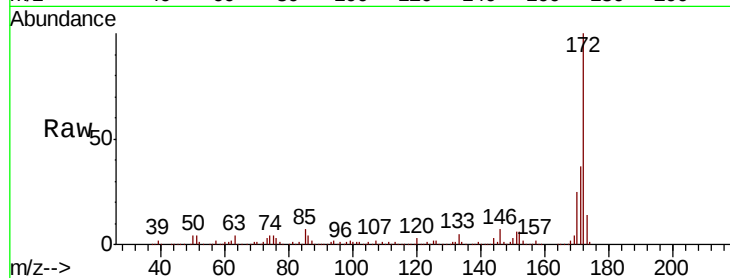




#45
2-Fluorobiphenyl
Concen: 80.494 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039326.D
Acq: 30 Jan 2019 13:54

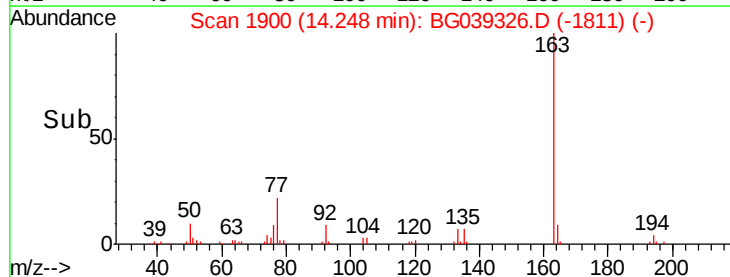
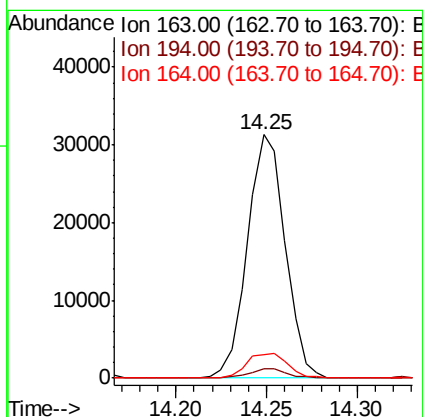
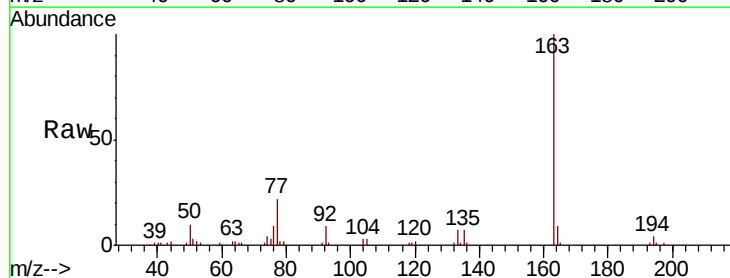
Instrument :
BNA_G
ClientSampleId :
CON-2

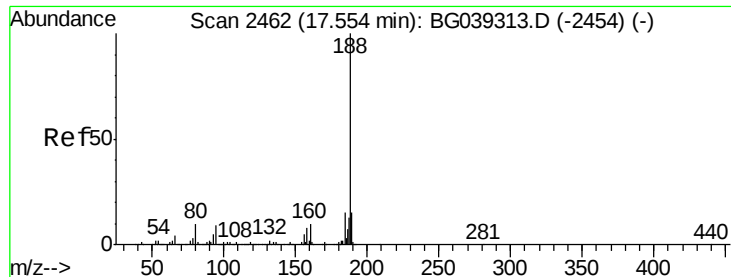
Tot Ion:172 Resp: 691042
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 25.5 20.2 30.4



#50
Dimethylphthalate
Concen: 4.558 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039326.D
Acq: 30 Jan 2019 13:54

Tgt Ion:163 Resp: 45340
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 9.5 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

Instrument :

BNA_G

ClientSampleId :

CON-2

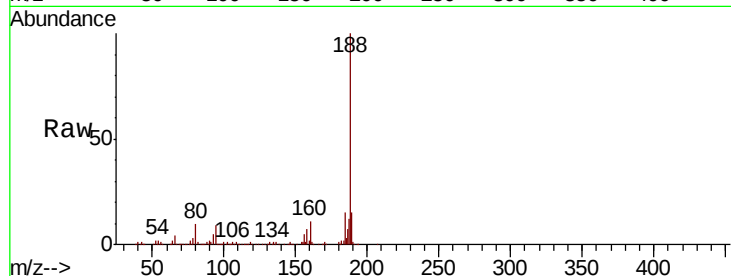
Tot Ion:188 Resp: 309093

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

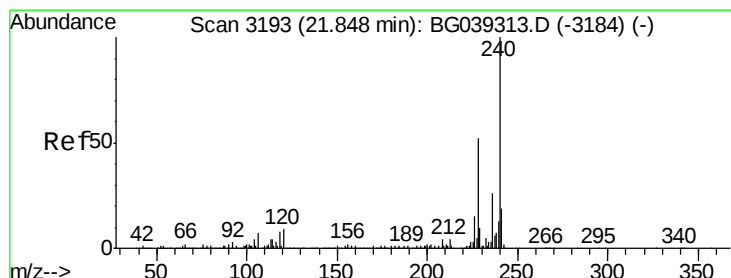
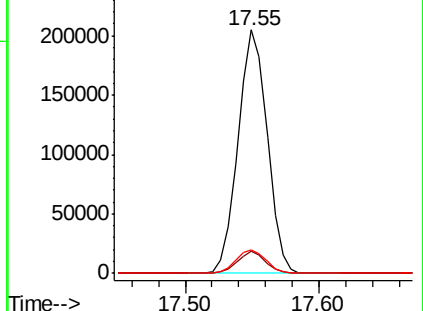
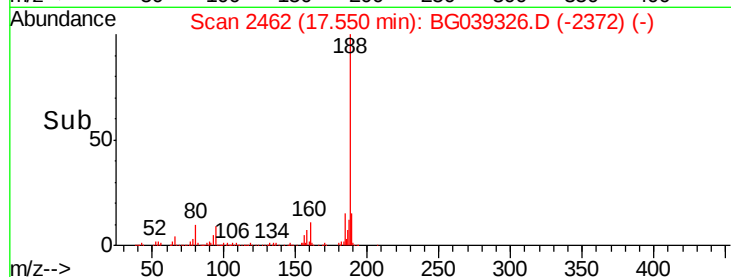
80 9.9 8.1 12.1



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: 21.84 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

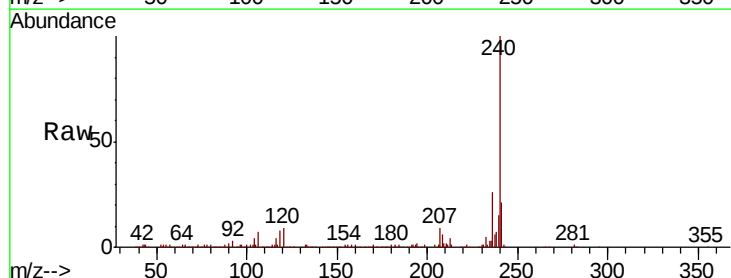
Tgt Ion:240 Resp: 308701

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

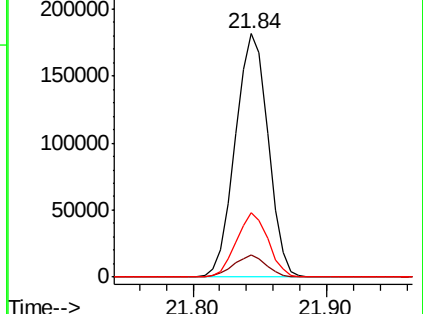
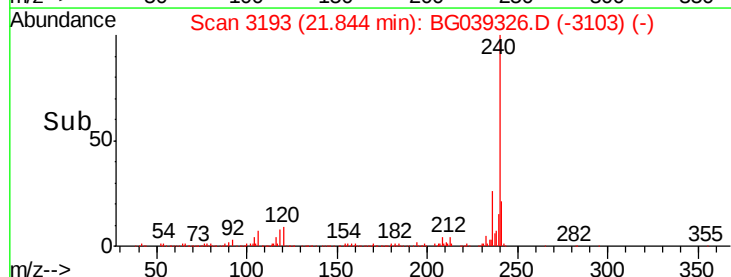
236 26.3 21.0 31.4

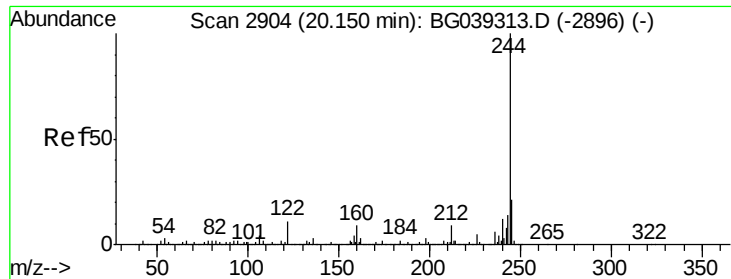


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.322 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

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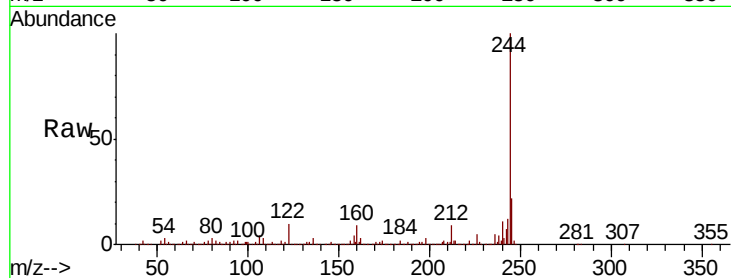
Tot Ion:244 Resp: 1113093

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

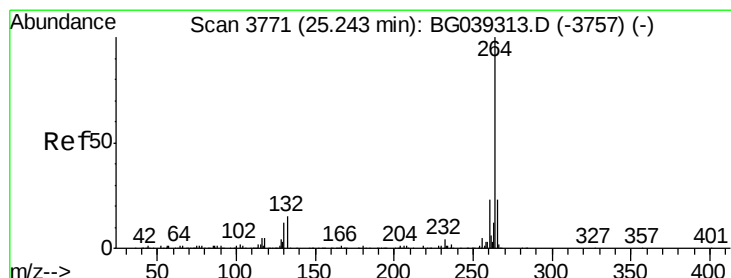
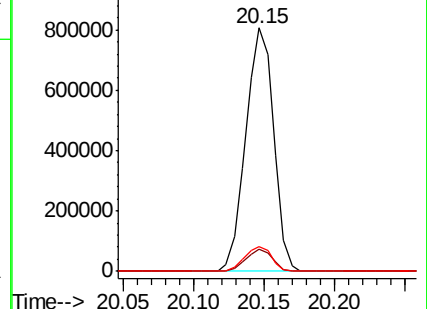
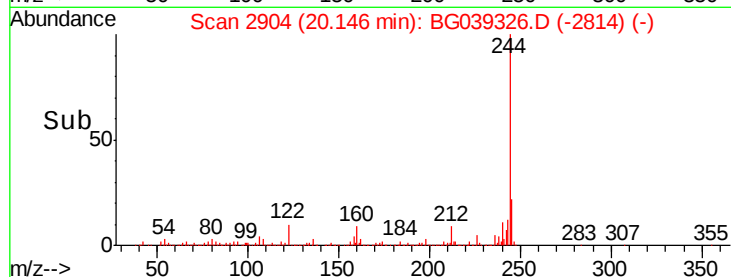
122 10.0 8.4 12.6



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: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039326.D

Acq: 30 Jan 2019 13:54

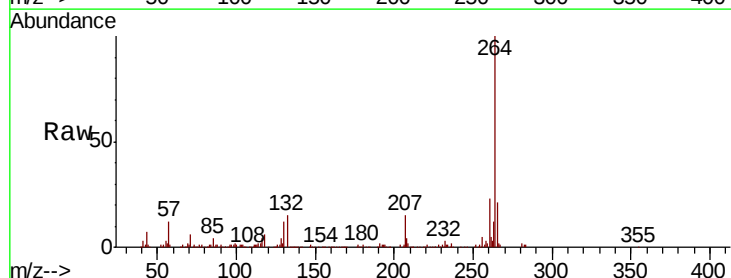
Tgt Ion:264 Resp: 318027

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.9 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

