

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039720.D
 Acq On : 2 Mar 2019 12:40
 Operator : JU/SJ
 Sample : K1675-44
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-14-B

Quant Time: Mar 04 00:08:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	46585	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	194715	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	124598	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	304241	20.00	ng	0.00
76) Chrysene-d12	21.82	240	319364	20.00	ng	0.00
87) Perylene-d12	25.20	264	303846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	358679	131.78	ng	0.00
7) Phenol-d6	7.31	99	468119	116.84	ng	0.00
23) Nitrobenzene-d5	9.34	82	331972	106.51	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	162302	120.97	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	775613	89.30	ng	0.00
79) Terphenyl-d14	20.12	244	1265071	83.85	ng	0.00

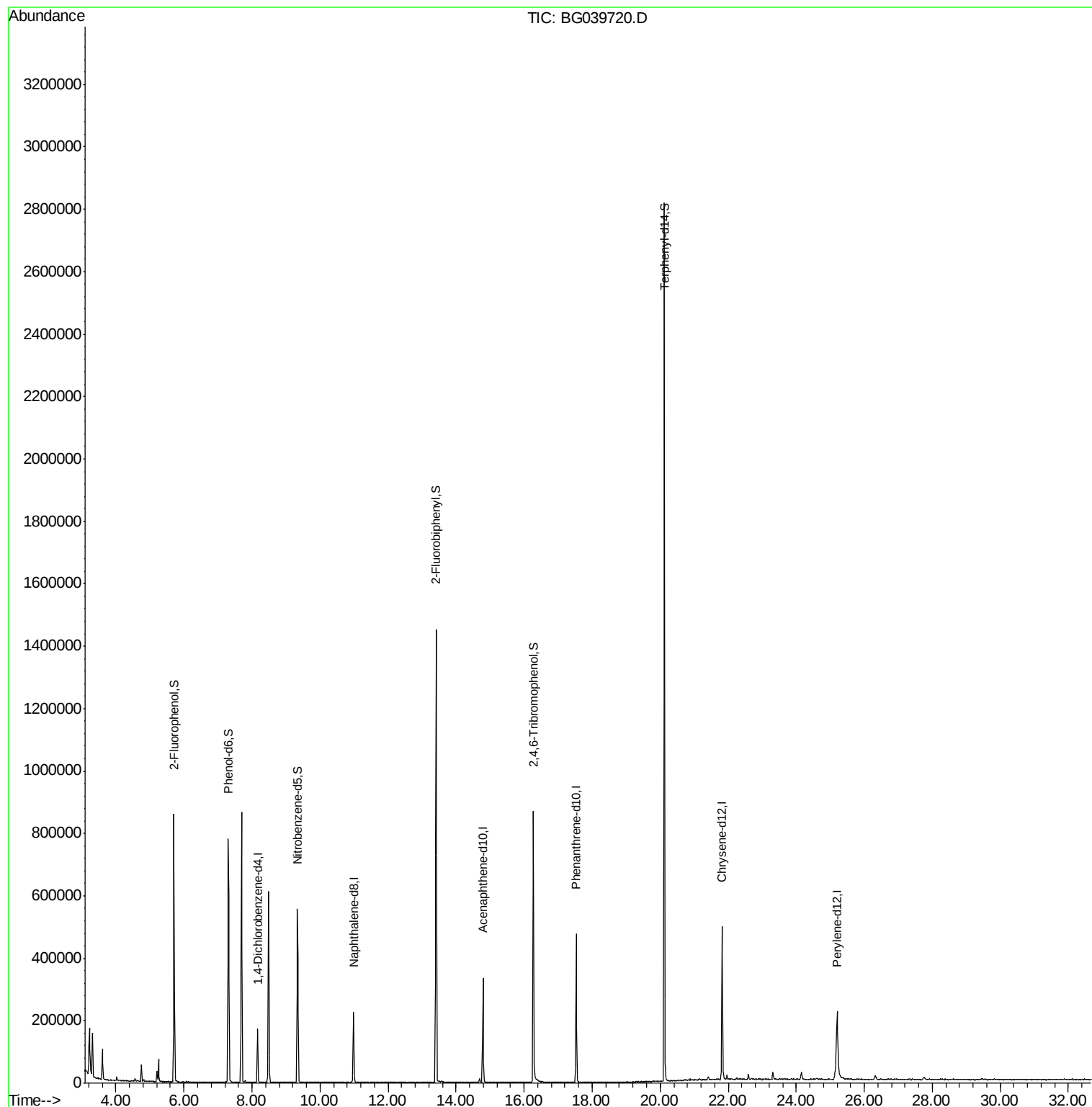
Target Compounds Qvalue

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

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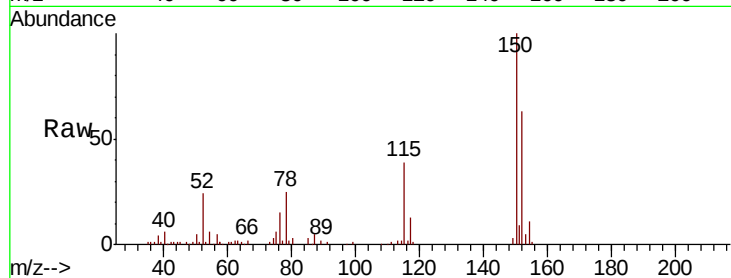


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039720.D
Acq: 2 Mar 2019 12:40

Instrument :
BNA_G
ClientSampleId :
Z-3-14-B

Tot Ion	152	Resp	46585
Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.7	185.5
115	60.8	45.9	68.9

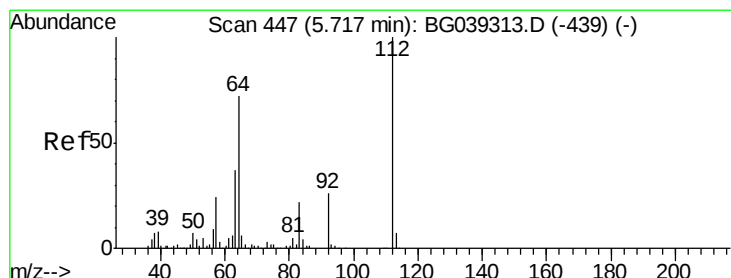
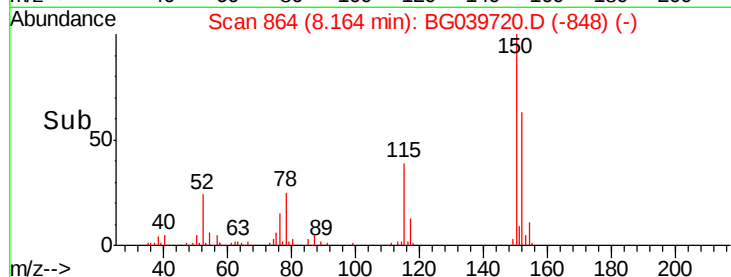
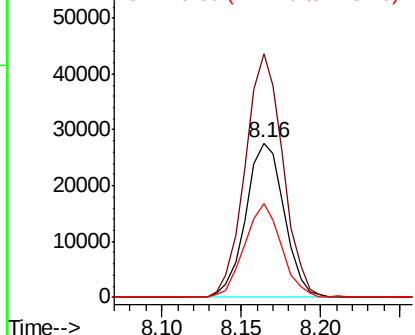


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

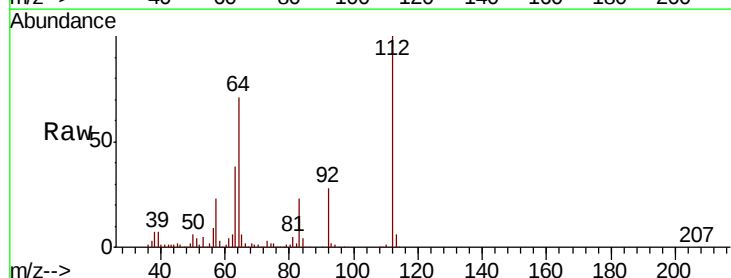
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.777 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039720.D
Acq: 2 Mar 2019 12:40

Tgt Ion	112	Resp	358679
Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.8	86.8
63	37.8	29.8	44.6

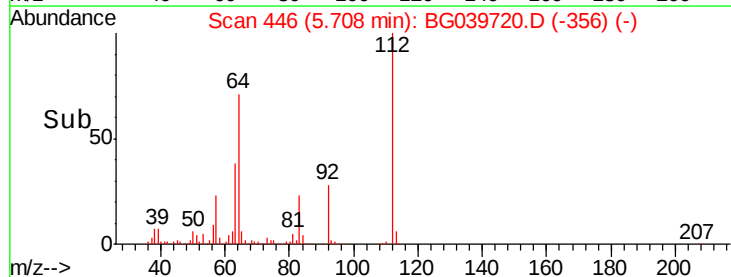
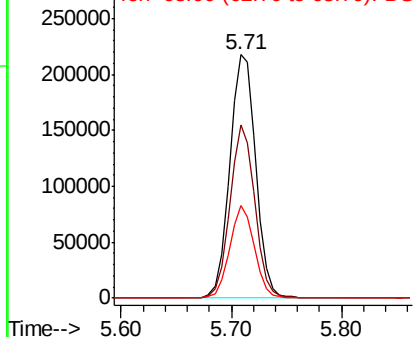


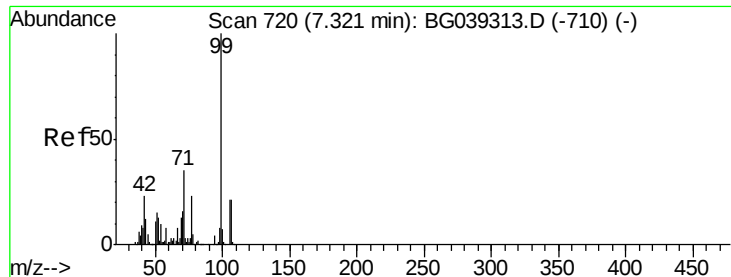
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.840 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039720.D

Acq: 2 Mar 2019 12:40

Instrument :

BNA_G

ClientSampleId :

Z-3-14-B

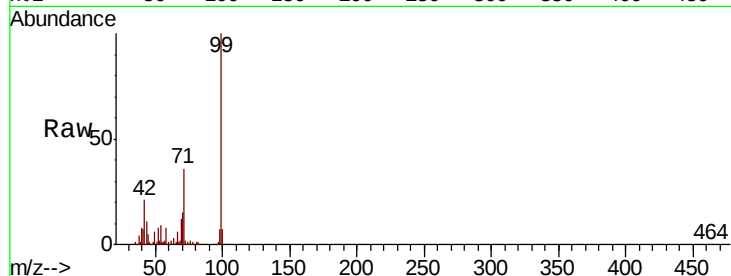
Tot Ion: 99 Resp: 468119

Ion Ratio Lower Upper

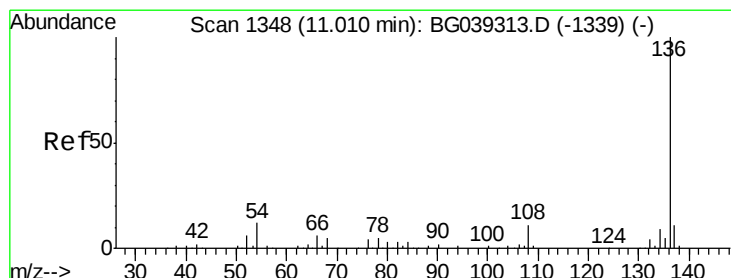
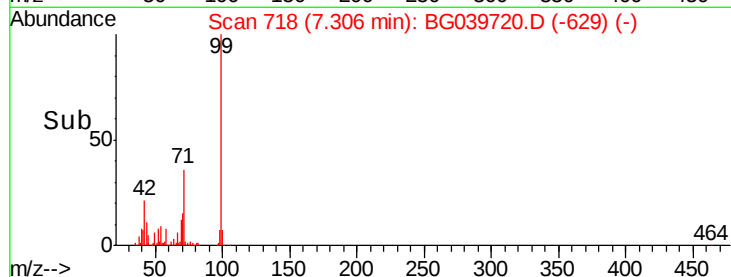
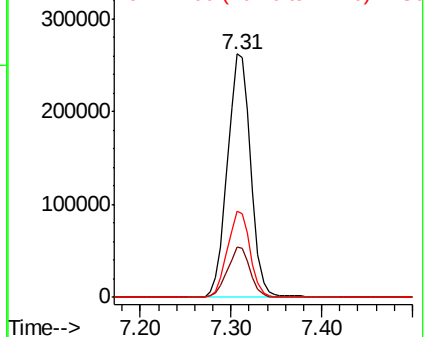
99 100

42 20.7 18.2 27.2

71 35.6 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: 10.98 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG039720.D

Acq: 2 Mar 2019 12:40

Tgt Ion: 136 Resp: 194715

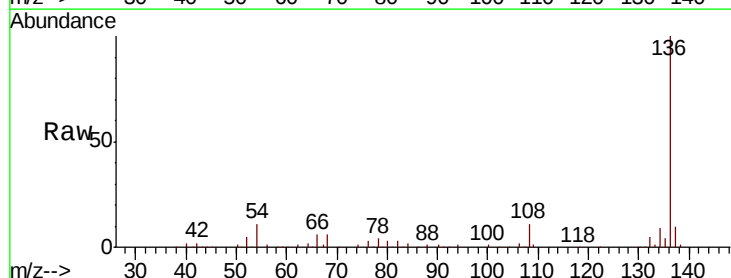
Ion Ratio Lower Upper

136 100

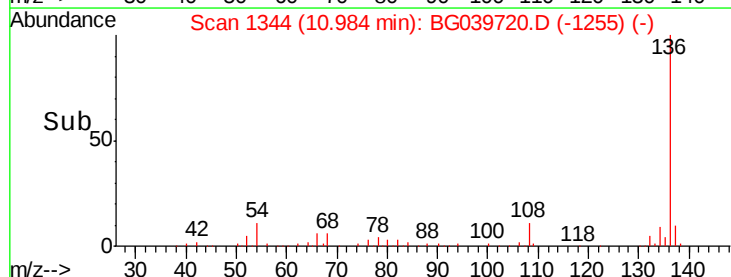
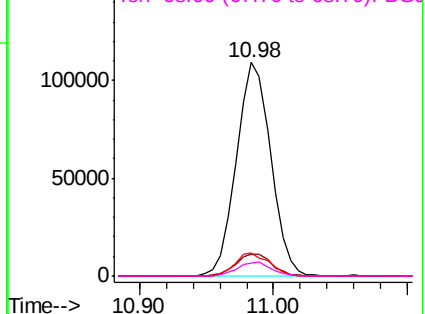
137 10.4 9.1 13.7

54 10.6 9.4 14.2

68 6.3 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

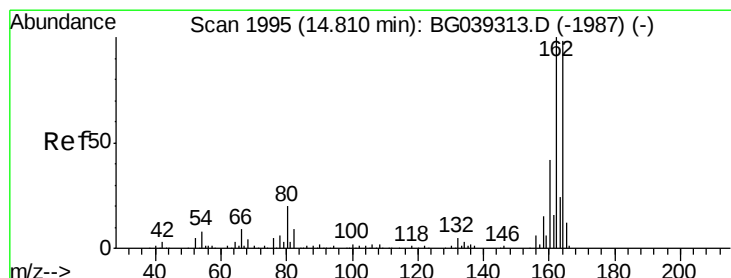
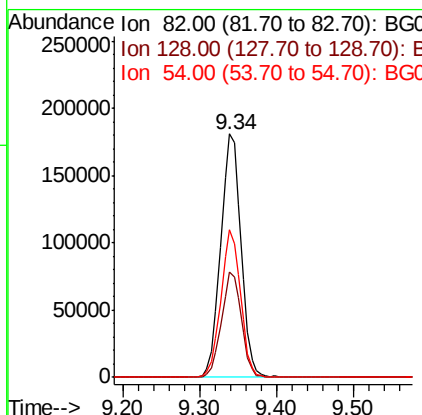
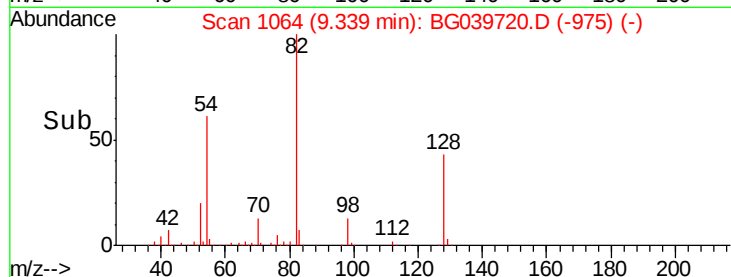
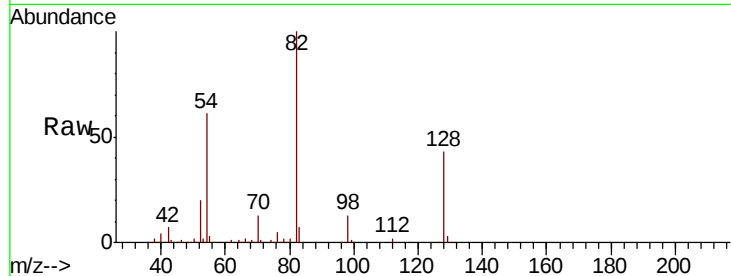




#23
Nitrobenzene-d5
Concen: 106.509 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039720.D
Acq: 2 Mar 2019 12:40

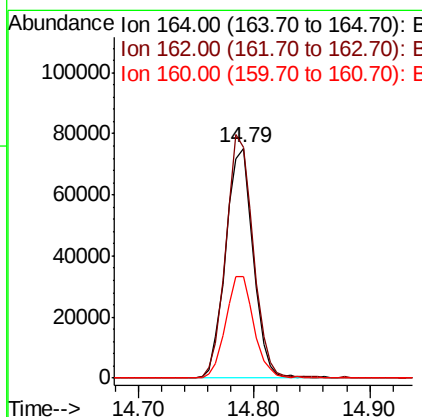
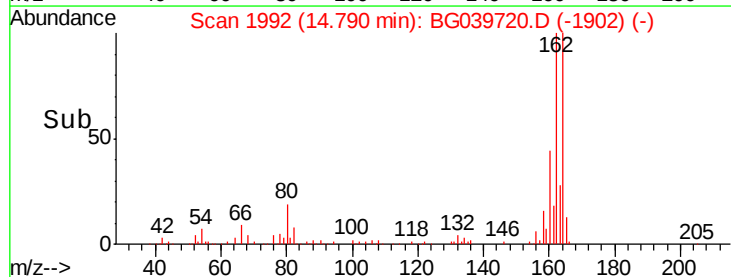
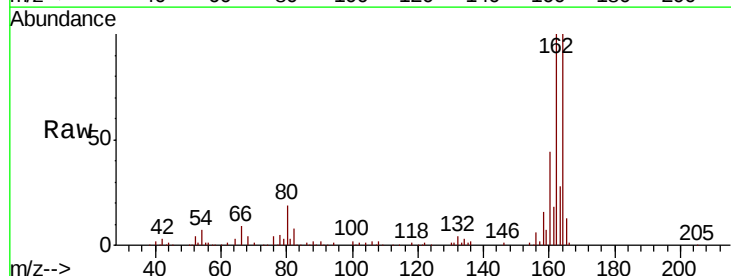
Instrument :
BNA_G
ClientSampled :
Z-3-14-B

Tot Ion	82	Resp	331972
Ion Ratio	Lower	Upper	
82	100		
128	43.3	31.3	46.9
54	60.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039720.D
Acq: 2 Mar 2019 12:40

Tgt Ion	164	Resp	124598
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.6	122.4
160	43.9	34.2	51.2

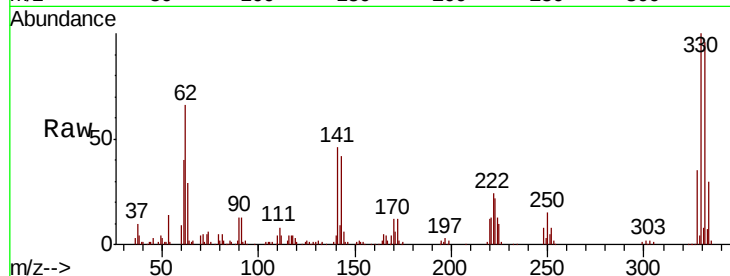




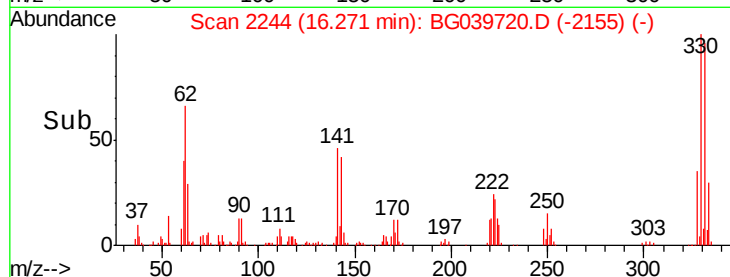
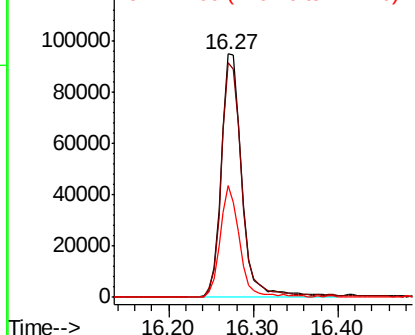
#42
 2,4,6-Tribromophenol
 Concen: 120.967 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039720.D
 Acq: 2 Mar 2019 12:40

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-14-B

Tot Ion:330 Resp: 162302
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 42.1 35.6 53.4

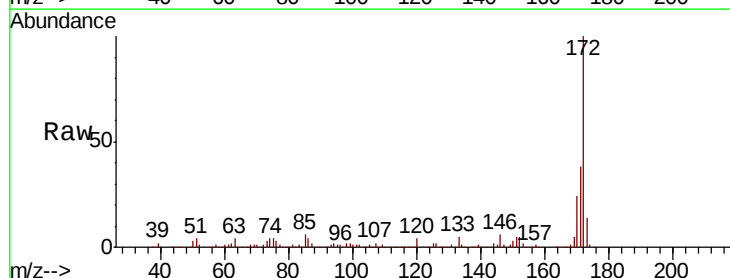


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

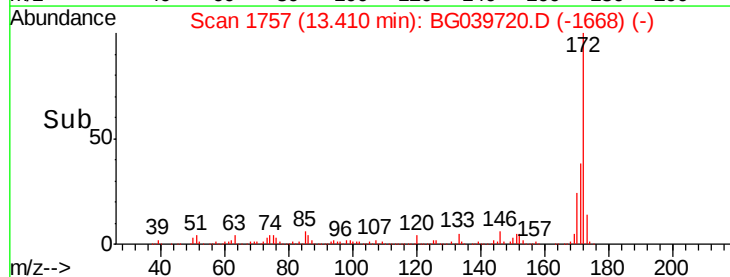
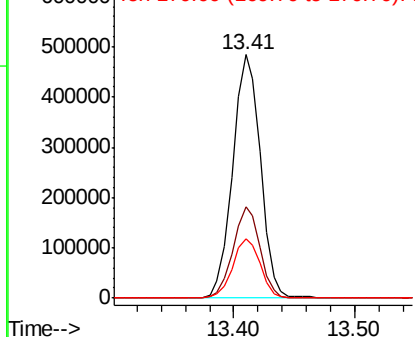


#45
 2-Fluorobiphenyl
 Concen: 89.300 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039720.D
 Acq: 2 Mar 2019 12:40

Tgt Ion:172 Resp: 775613
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 24.4 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. -0.00 min

Lab File: BG039720.D

Acq: 2 Mar 2019 12:40

Instrument :

BNA_G

ClientSampled :

Z-3-14-B

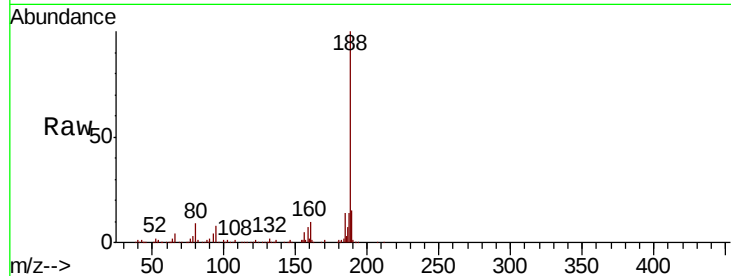
Tot Ion:188 Resp: 304241

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

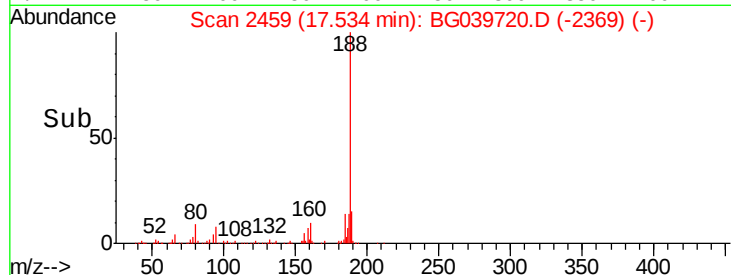
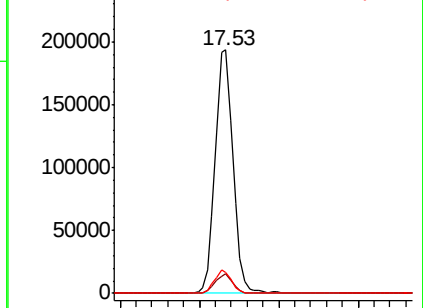
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039720.D

Acq: 2 Mar 2019 12:40

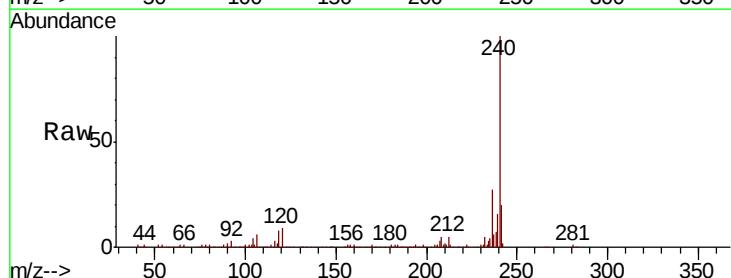
Tgt Ion:240 Resp: 319364

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

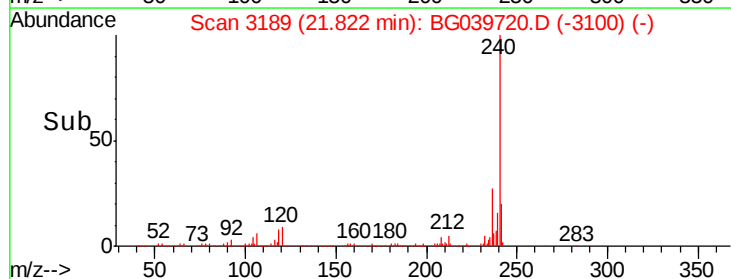
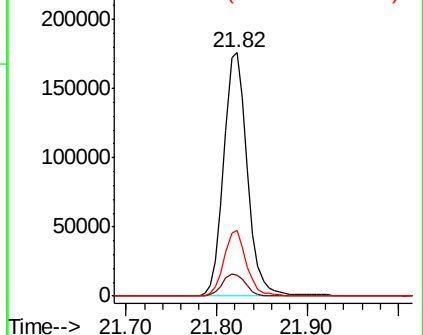
236 26.8 21.0 31.4

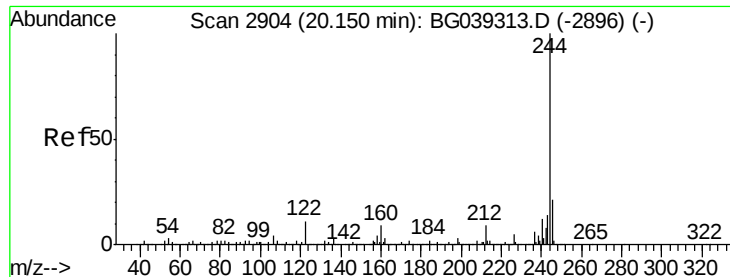


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.847 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039720.D

Acq: 2 Mar 2019 12:40

Instrument :

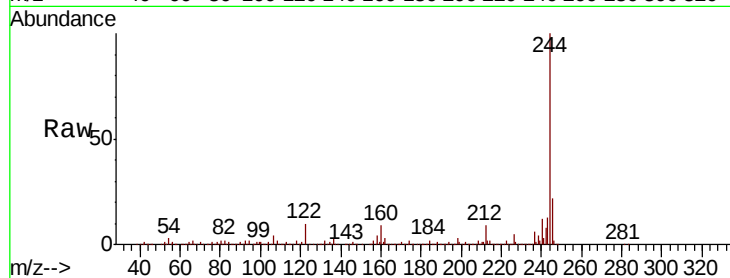
BNA_G

ClientSampleId :

Z-3-14-B

Tot Ion:244 Resp: 1265071

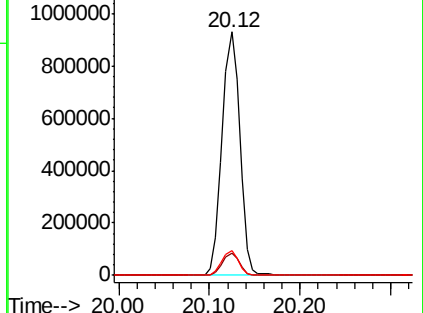
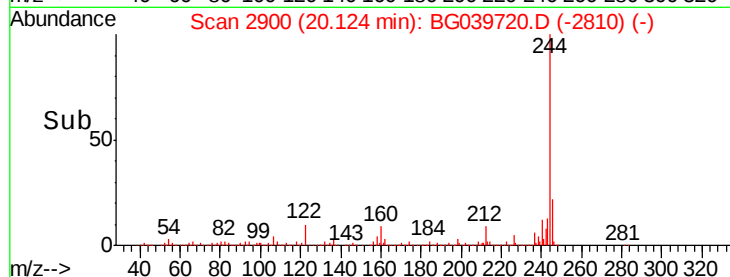
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.3	8.4	12.6



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: 25.20 min Scan# 3764

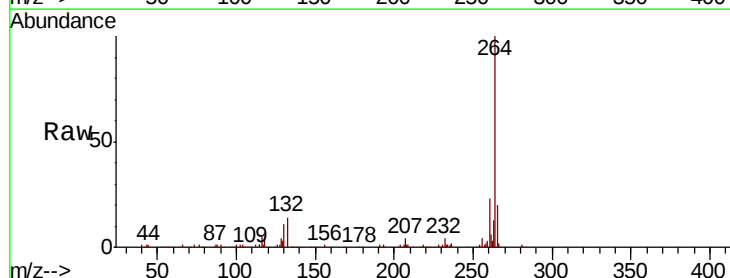
Delta R.T. -0.00 min

Lab File: BG039720.D

Acq: 2 Mar 2019 12:40

Tgt Ion:264 Resp: 303846

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	19.9	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

