

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039719.D
 Acq On : 2 Mar 2019 12:01
 Operator : JU/SJ
 Sample : K1675-40
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 04 00:07:20 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	55530	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	233014	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	141671	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	333808	20.00	ng	0.00
76) Chrysene-d12	21.82	240	350523	20.00	ng	0.00
87) Perylene-d12	25.19	264	325395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	414519	127.76	ng	0.00
7) Phenol-d6	7.31	99	534862	111.99	ng	0.00
23) Nitrobenzene-d5	9.34	82	387520	103.89	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	180315	118.20	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	885942	89.71	ng	0.00
79) Terphenyl-d14	20.12	244	1364237	82.38	ng	0.00

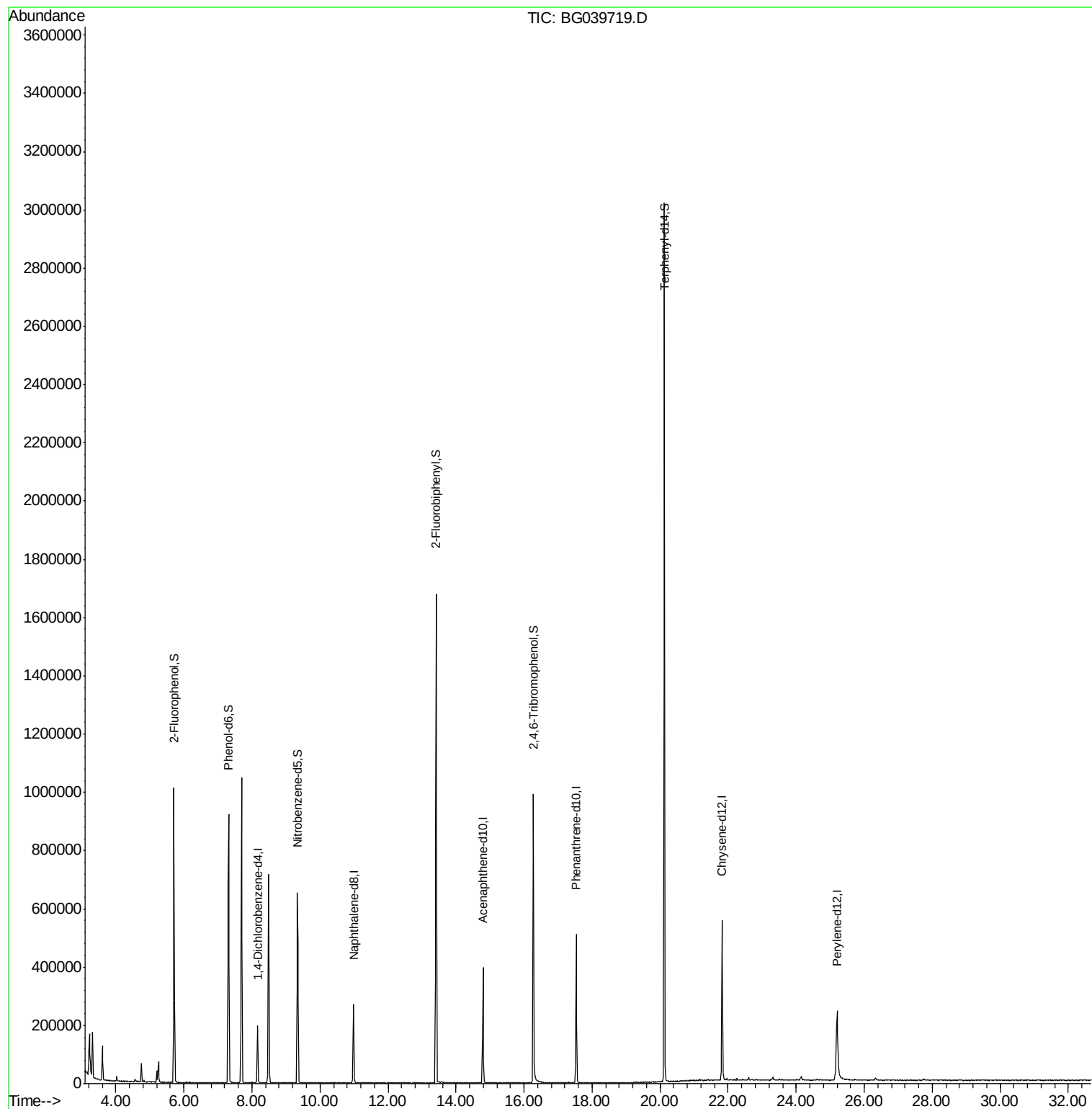
Target Compounds Qvalue

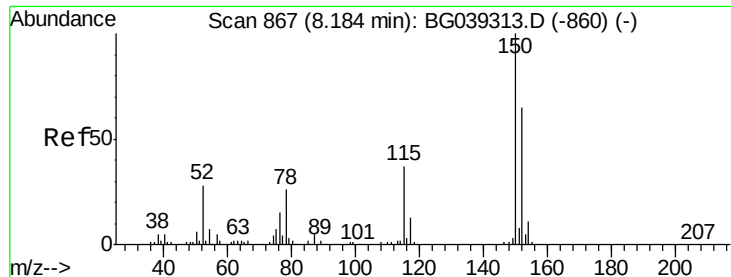
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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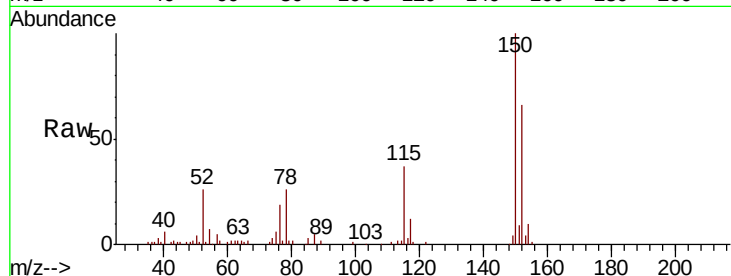


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

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

Tot Ion	152	Resp	55530
Ion Ratio	Lower	Upper	
152	100		
150	151.3	123.7	185.5
115	56.7	45.9	68.9

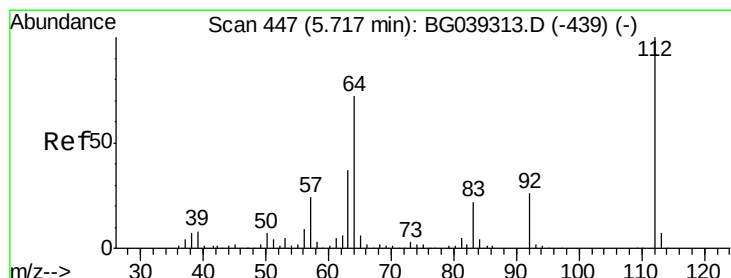
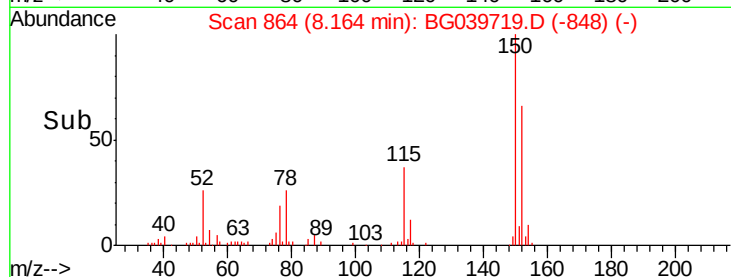
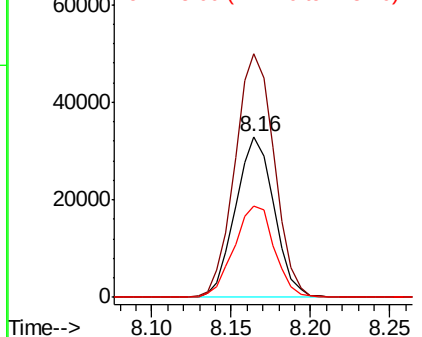


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

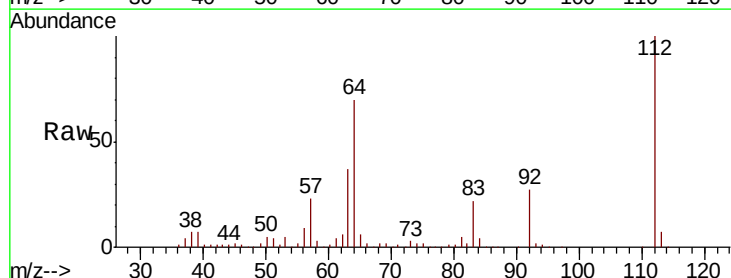
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.760 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion	112	Resp	414519
Ion Ratio	Lower	Upper	
112	100		
64	69.7	57.8	86.8
63	37.0	29.8	44.6

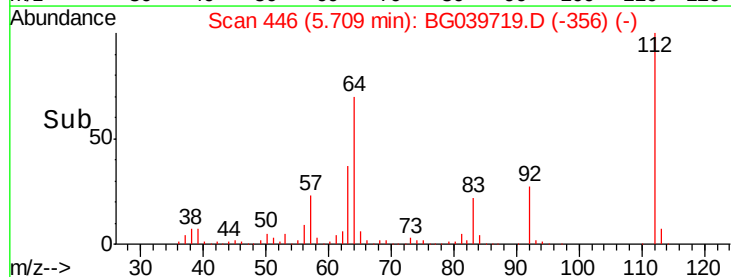
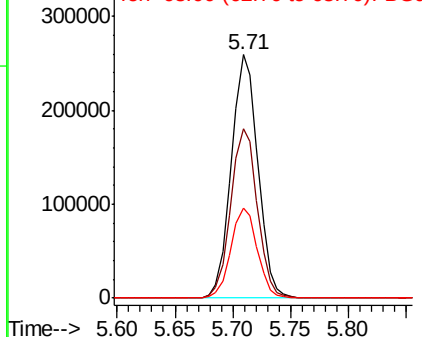


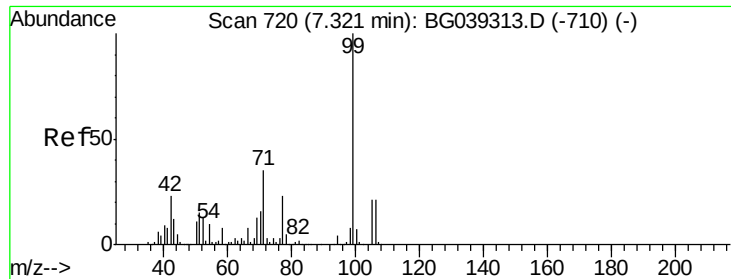
Abundance

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: 111.994 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039719.D

Acq: 2 Mar 2019 12:01

Instrument :

BNA_G

ClientSampleId :

Z-3-14-A

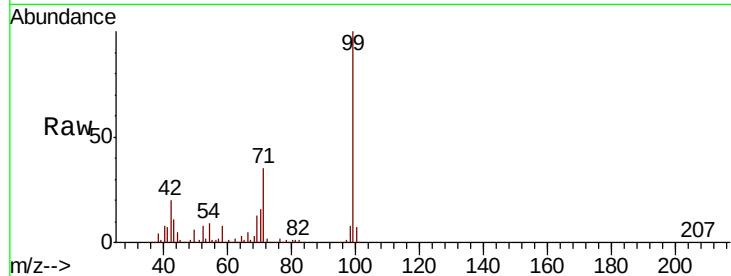
Tot Ion: 99 Resp: 534862

Ion Ratio Lower Upper

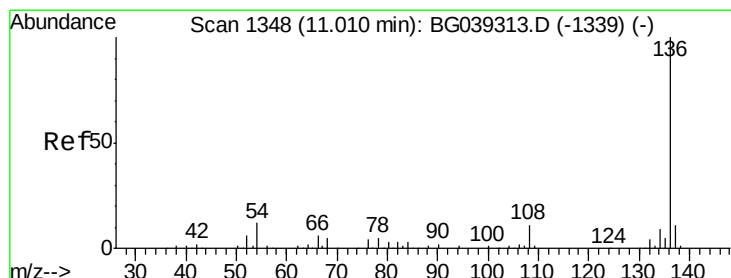
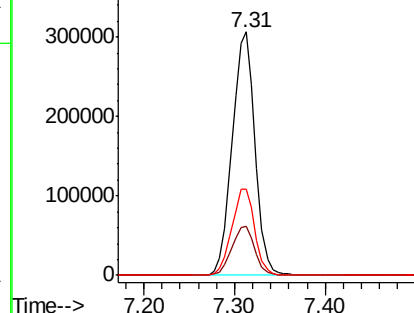
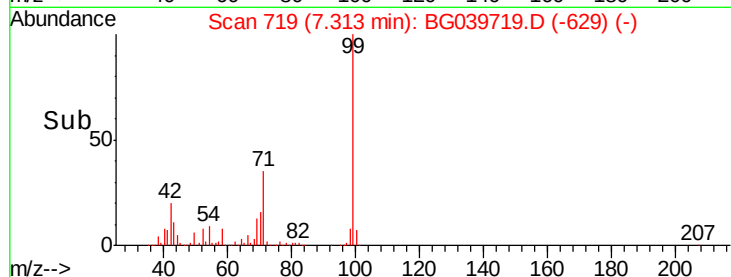
99 100

42 20.4 18.2 27.2

71 35.5 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: BG039719.D

Acq: 2 Mar 2019 12:01

Tgt Ion: 136 Resp: 233014

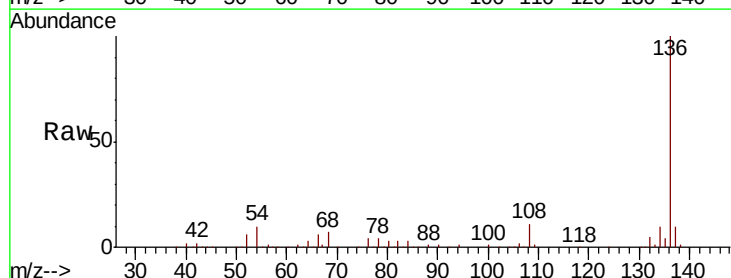
Ion Ratio Lower Upper

136 100

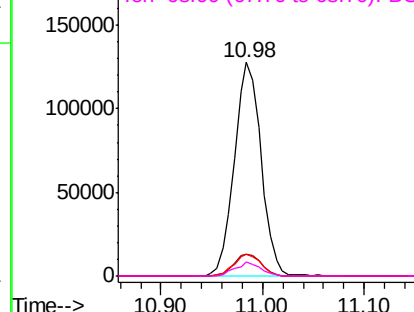
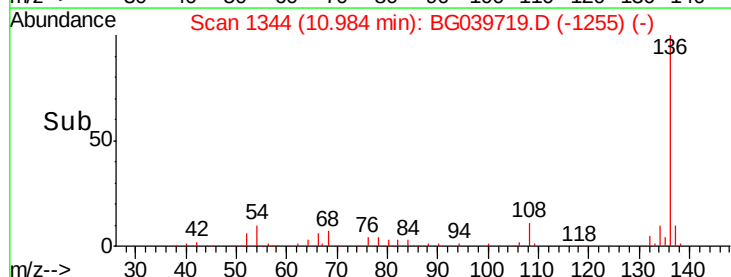
137 10.3 9.1 13.7

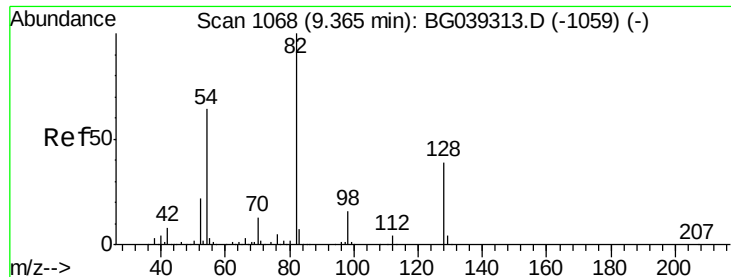
54 10.2 9.4 14.2

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

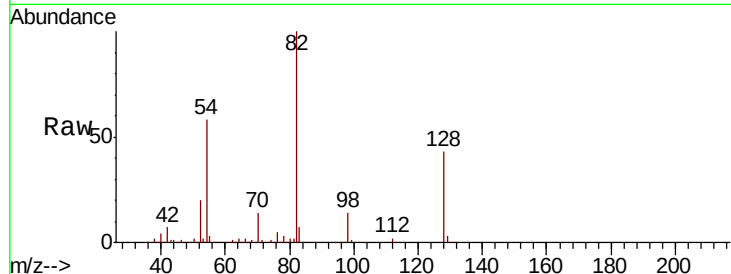




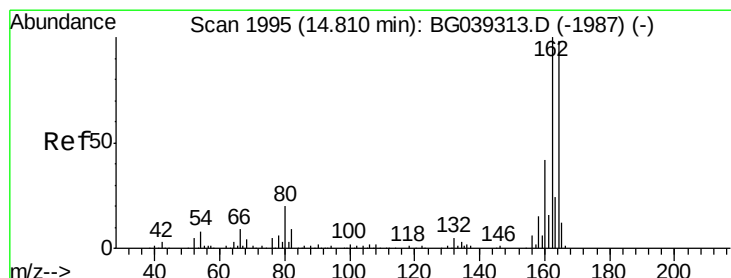
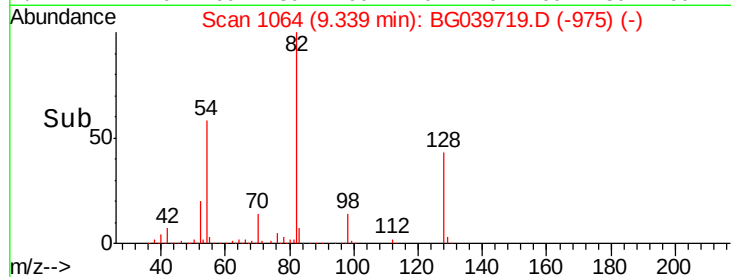
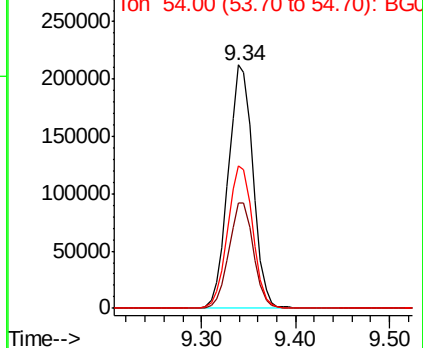
#23
Nitrobenzene-d5
Concen: 103.895 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

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

Tot Ion	82	Resp	387520
Ion Ratio	100	Lower	Upper
128	43.3	31.3	46.9
54	58.3	50.9	76.3

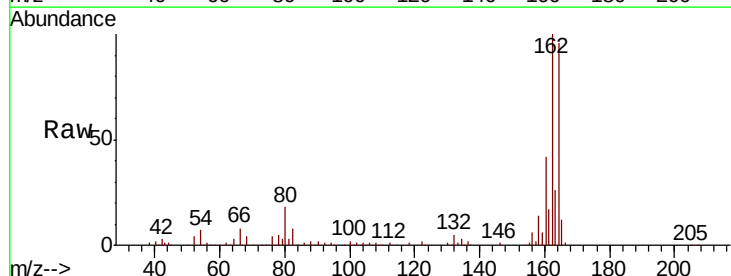


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

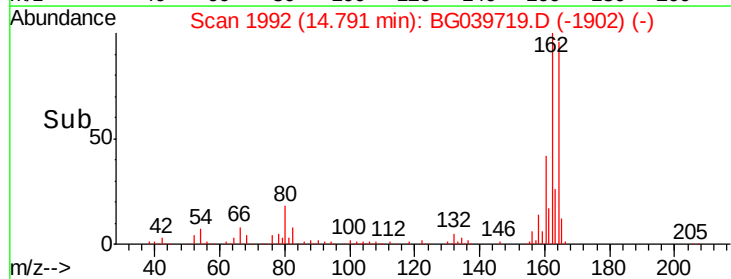
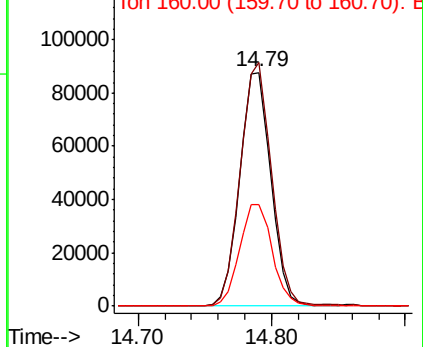


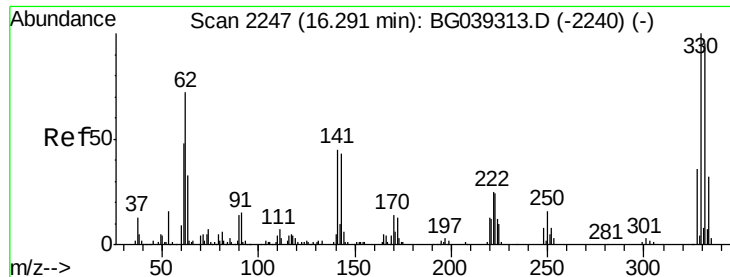
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion	164	Resp	141671
Ion Ratio	100	Lower	Upper
162	104.2	81.6	122.4
160	43.7	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 118.196 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG039719.D

Acq: 2 Mar 2019 12:01

Instrument :

BNA_G

ClientSampled :

Z-3-14-A

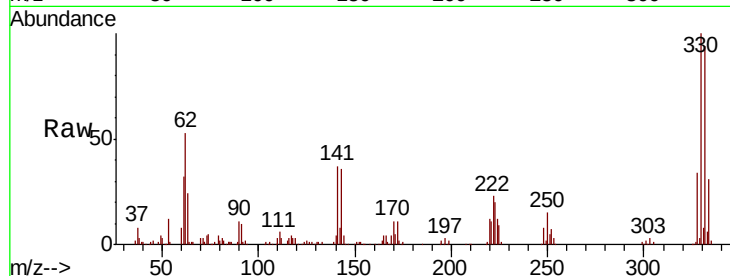
Tot Ion:330 Resp: 180315

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

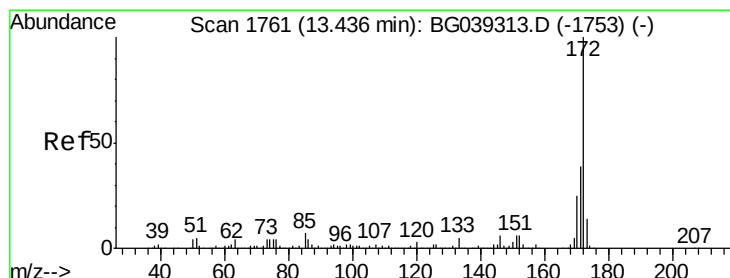
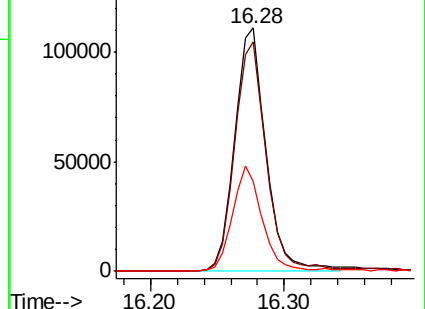
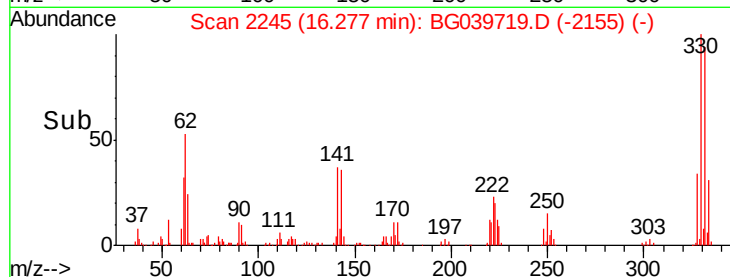
141 40.8 35.6 53.4



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: 89.710 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039719.D

Acq: 2 Mar 2019 12:01

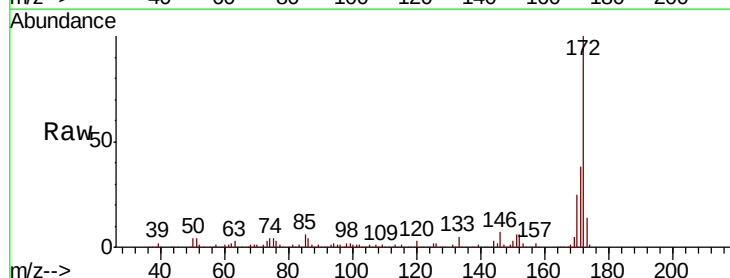
Tgt Ion:172 Resp: 885942

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

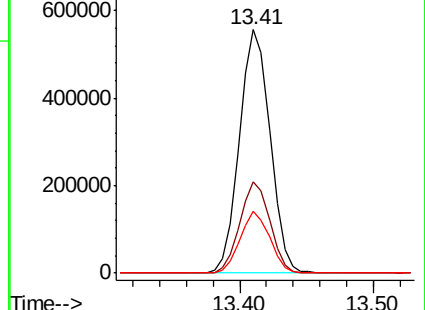
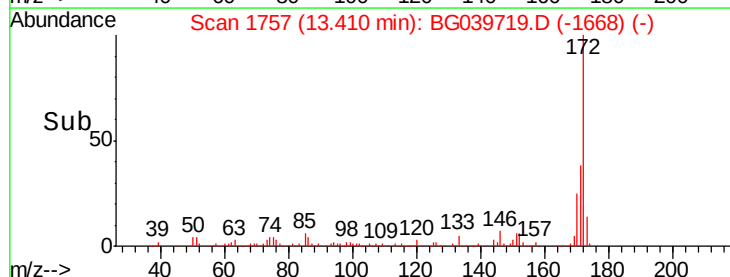
170 25.3 20.2 30.4

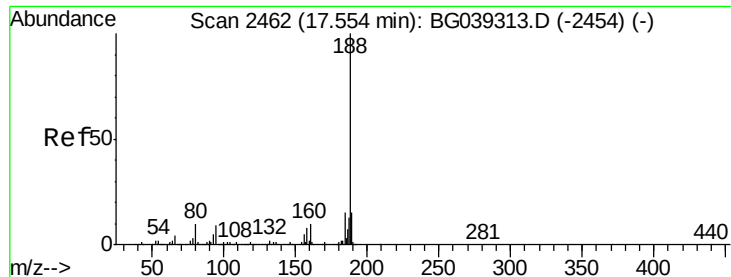


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG039719.D

Acq: 2 Mar 2019 12:01

Instrument :

BNA_G

ClientSampleId :

Z-3-14-A

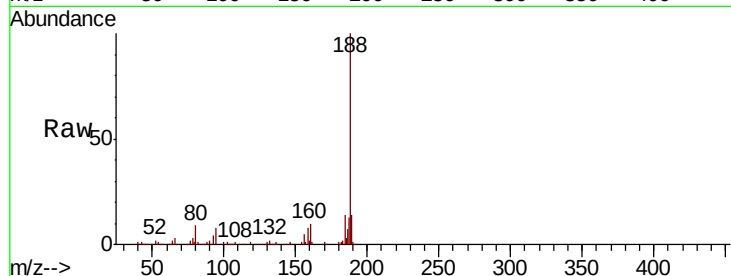
Tot Ion:188 Resp: 333808

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

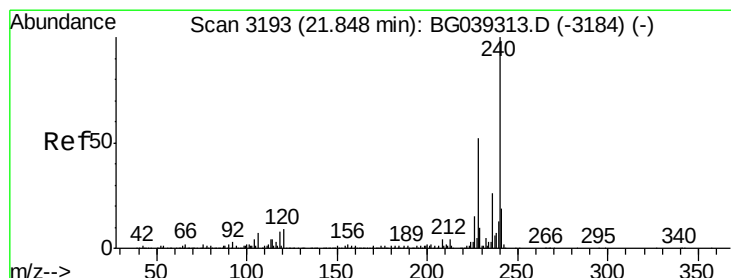
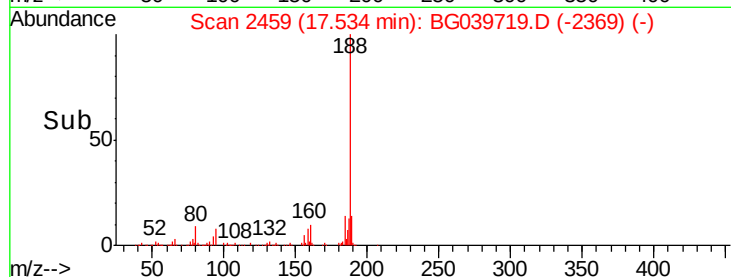
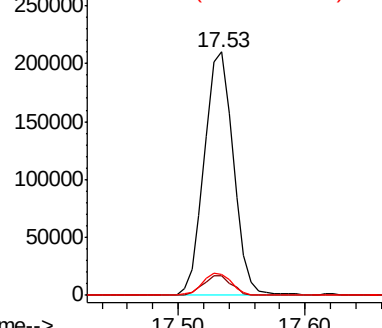
80 8.7 8.1 12.1



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: BG039719.D

Acq: 2 Mar 2019 12:01

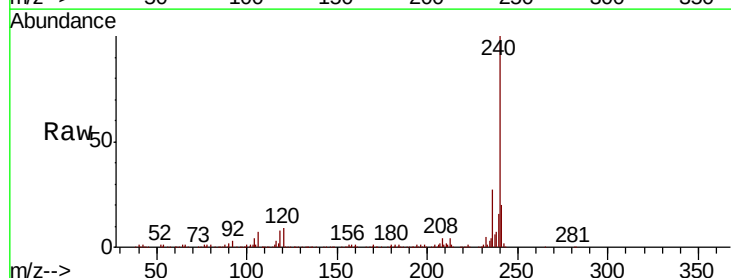
Tgt Ion:240 Resp: 350523

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

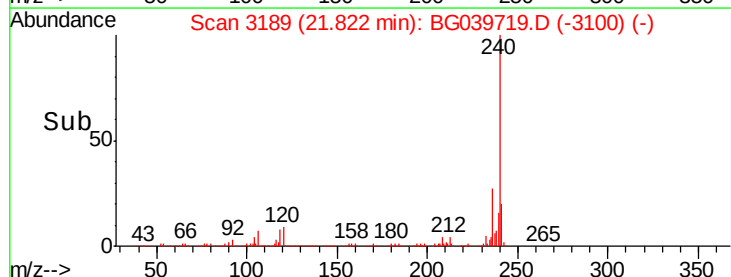
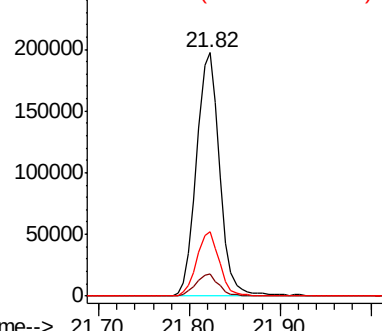
236 26.5 21.0 31.4

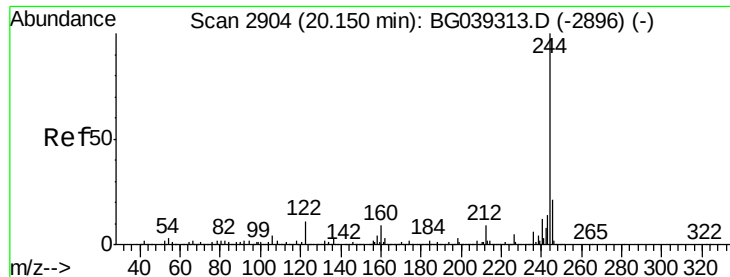


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.382 ng

RT: 20.12 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039719.D

Acq: 2 Mar 2019 12:01

Instrument :

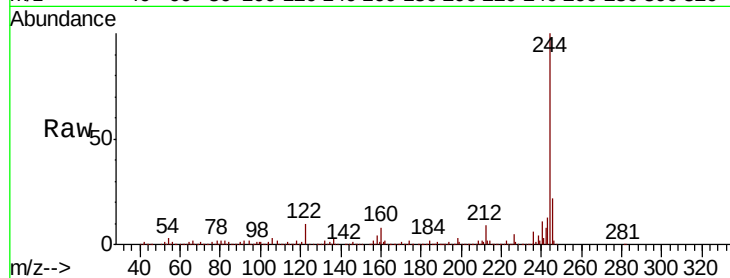
BNA_G

ClientSampleId :

Z-3-14-A

Tot Ion:244 Resp: 1364237

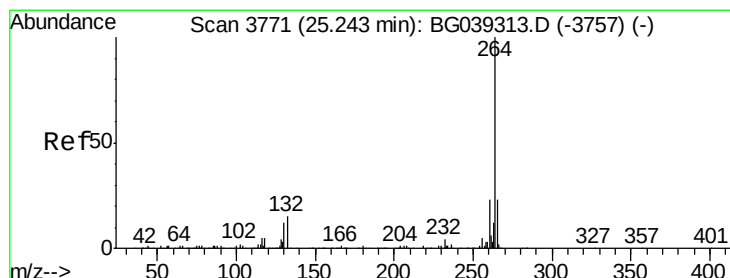
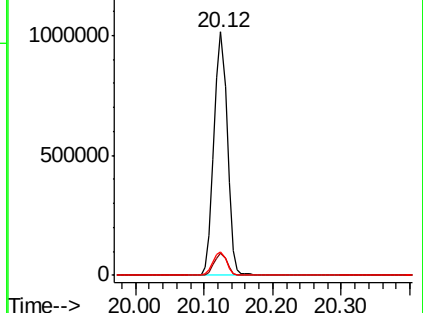
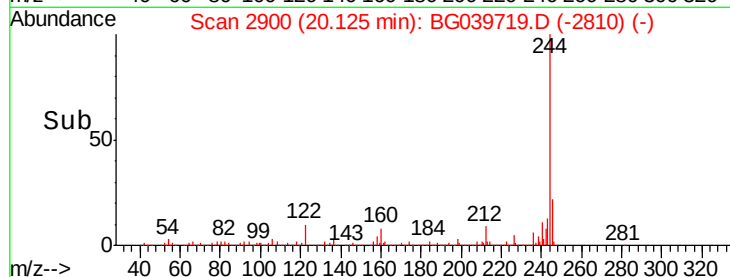
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.8	8.4	12.6



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: 25.19 min Scan# 3763

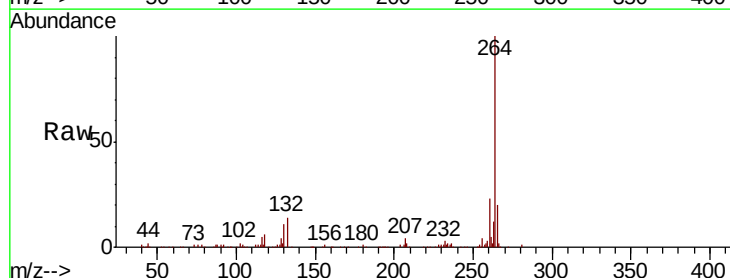
Delta R.T. -0.01 min

Lab File: BG039719.D

Acq: 2 Mar 2019 12:01

Tgt Ion:264 Resp: 325395

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	19.8	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

