

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039717.D
 Acq On : 2 Mar 2019 10:43
 Operator : JU/SJ
 Sample : K1675-32
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-13-A

Quant Time: Mar 04 00:04:56 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	48828	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	205133	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	131101	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	309565	20.00	ng	0.00
76) Chrysene-d12	21.82	240	328822	20.00	ng	0.00
87) Perylene-d12	25.20	264	311946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	355433	124.59	ng	0.00
7) Phenol-d6	7.31	99	448586	106.82	ng	0.00
23) Nitrobenzene-d5	9.34	82	347363	105.79	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	172177	121.96	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	807577	88.37	ng	0.00
79) Terphenyl-d14	20.12	244	1300201	83.70	ng	0.00

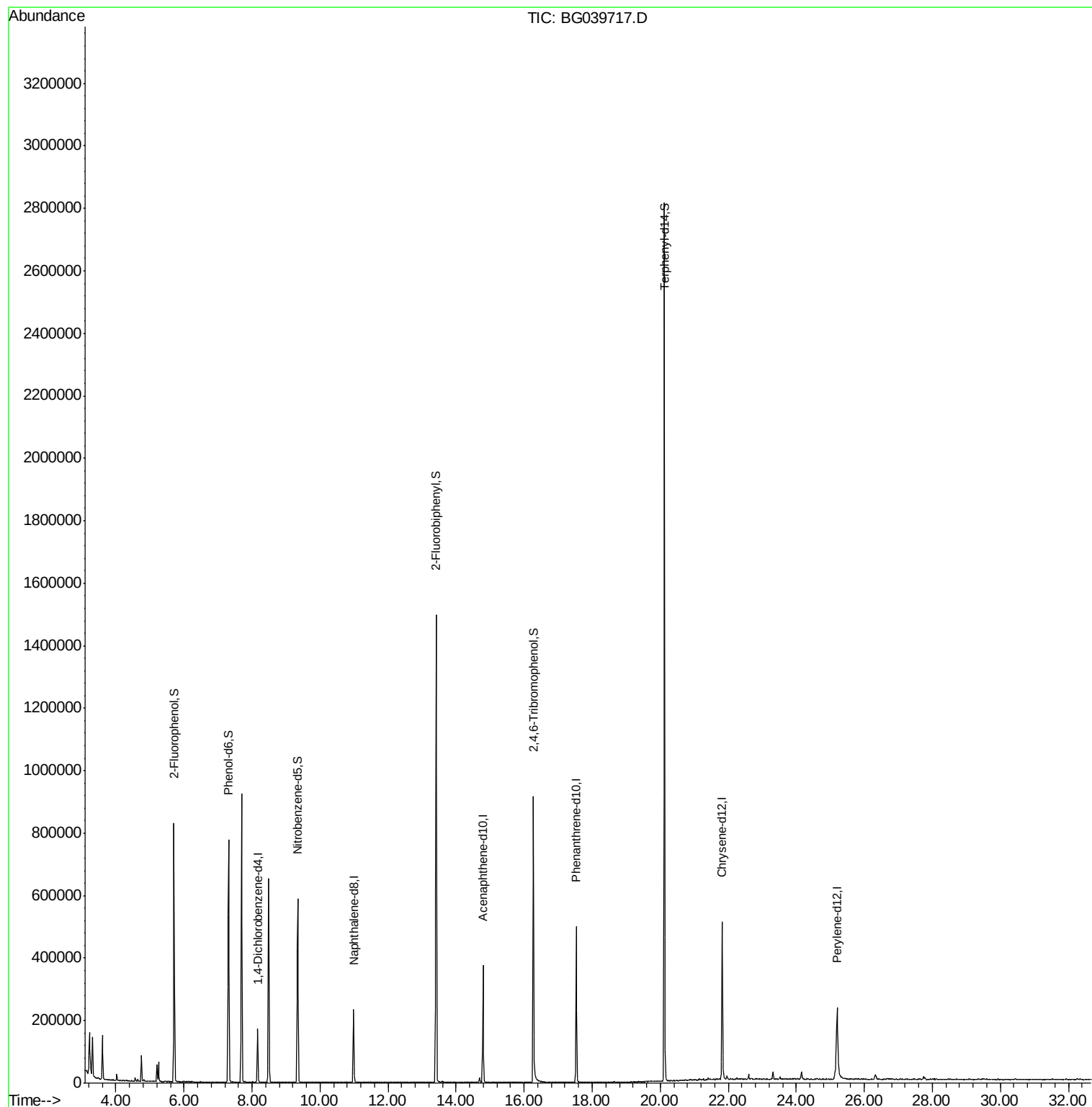
Target Compounds Qvalue

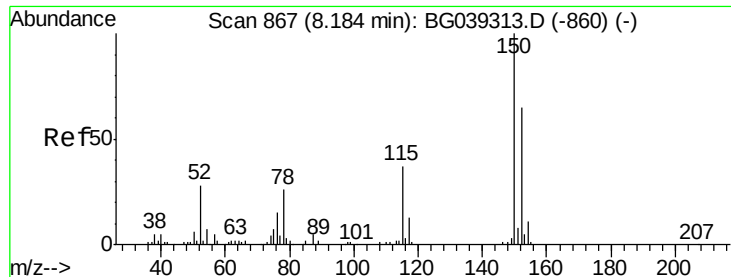
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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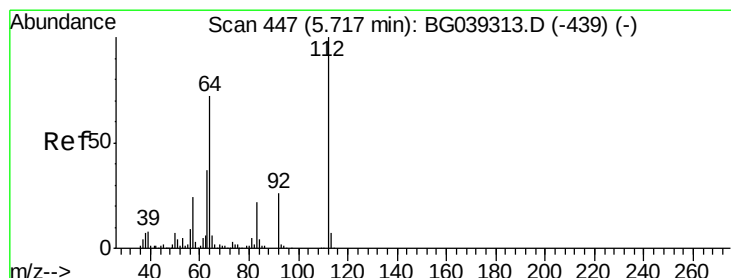
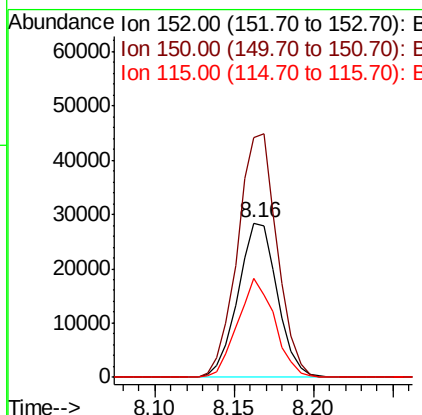
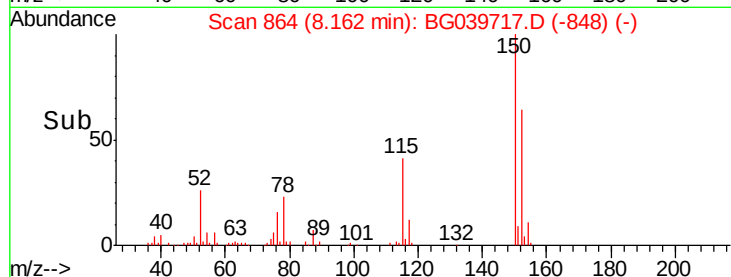
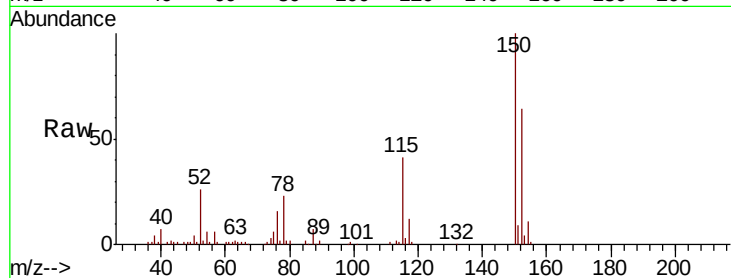


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Instrument :
BNA_G
ClientSampled :
Z-3-13-A

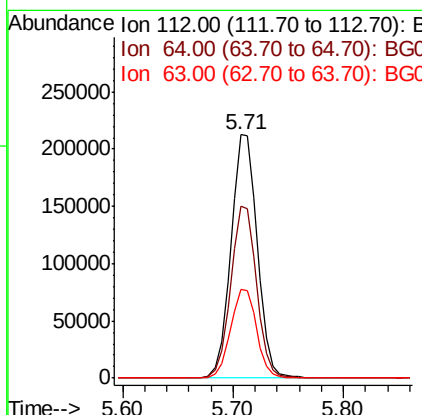
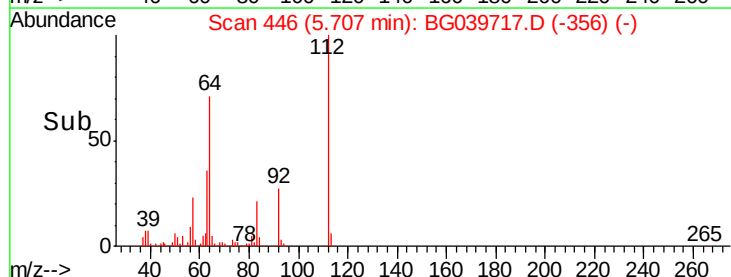
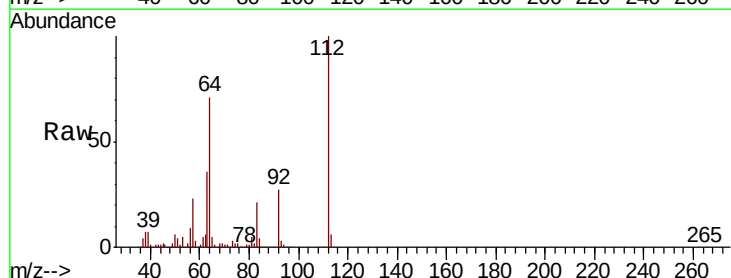
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.7	185.5
115	63.7	45.9	68.9

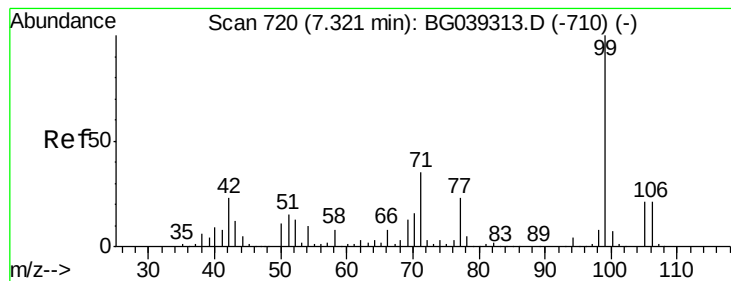


#5

2-Fluorophenol
Concen: 124.586 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039717.D
Acq: 2 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.8	86.8
63	36.3	29.8	44.6





#7

Phenol-d6

Concen: 106.821 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039717.D

Acq: 2 Mar 2019 10:43

Instrument :

BNA_G

ClientSampleId :

Z-3-13-A

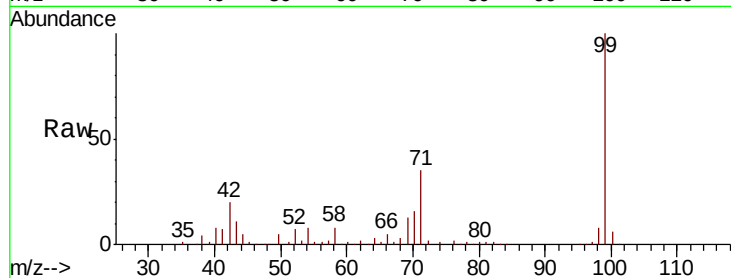
Tot Ion: 99 Resp: 448586

Ion Ratio Lower Upper

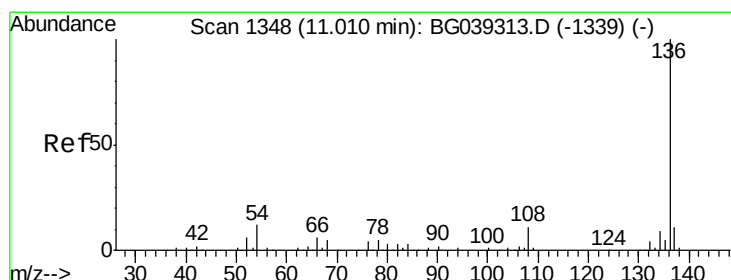
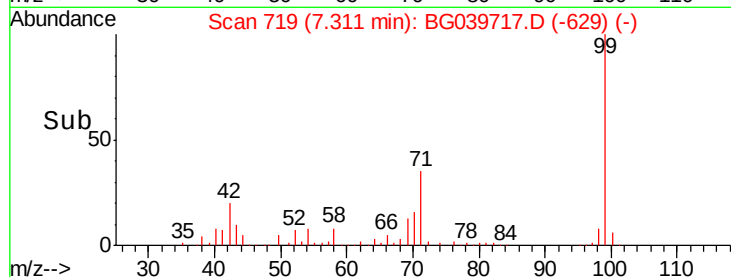
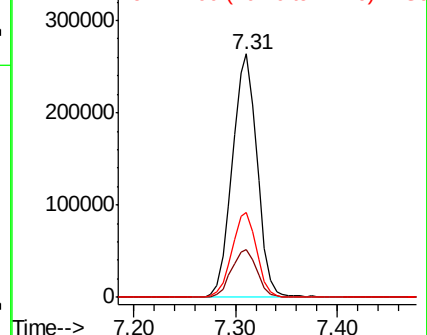
99 100

42 19.5 18.2 27.2

71 34.7 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. -0.00 min

Lab File: BG039717.D

Acq: 2 Mar 2019 10:43

Tgt Ion: 136 Resp: 205133

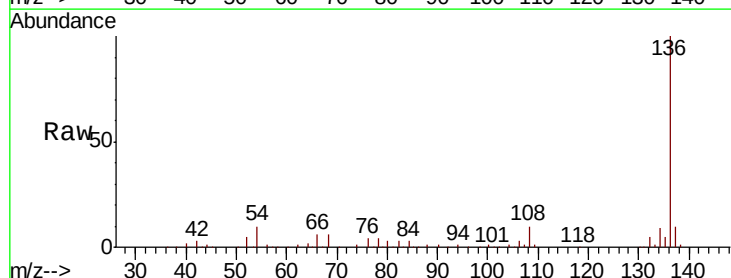
Ion Ratio Lower Upper

136 100

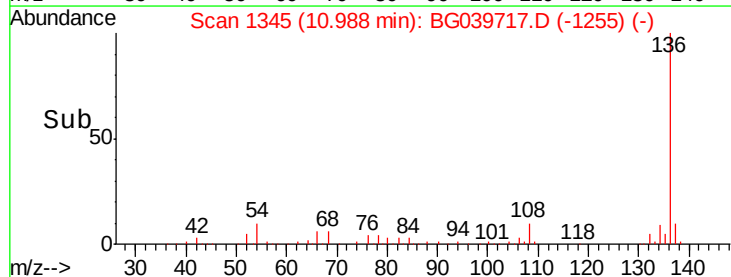
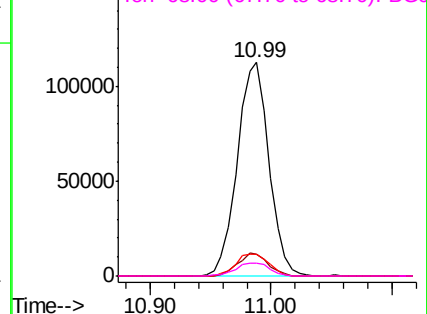
137 10.2 9.1 13.7

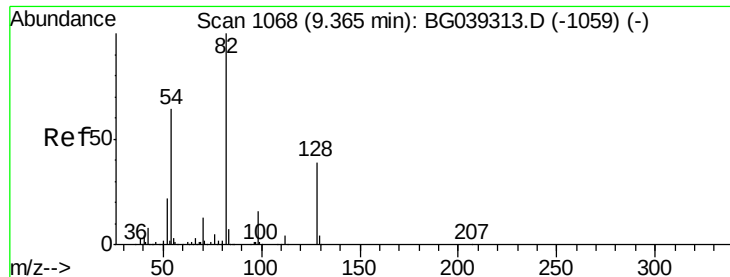
54 10.3 9.4 14.2

68 5.9 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

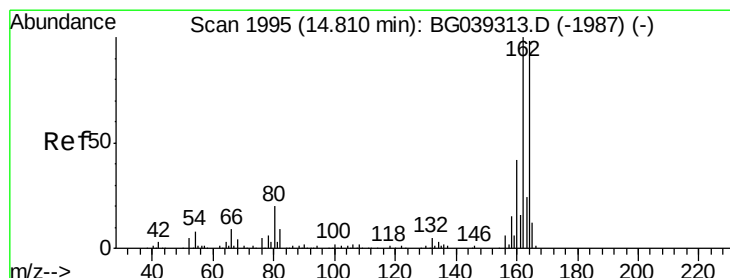
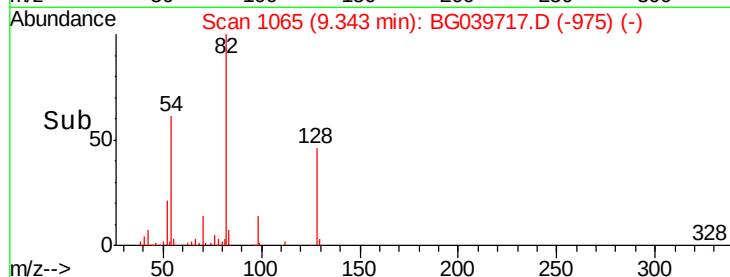
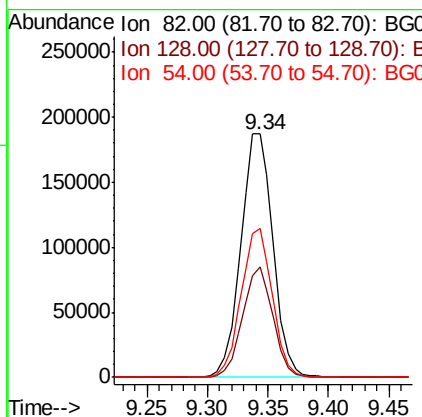
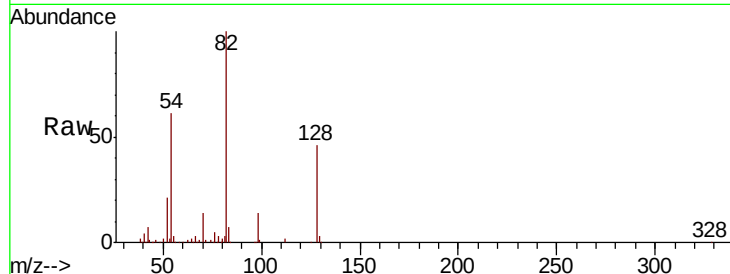




#23
 Nitrobenzene-d5
 Concen: 105.787 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG039717.D
 Acq: 2 Mar 2019 10:43

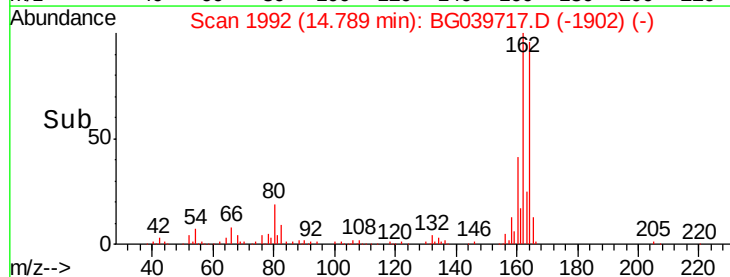
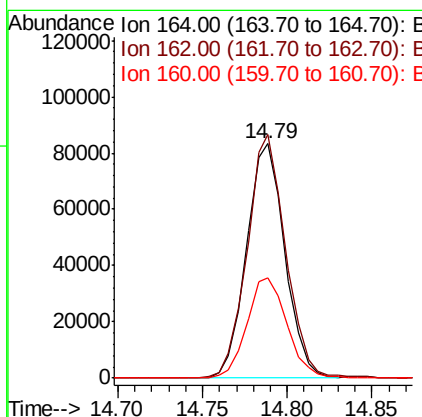
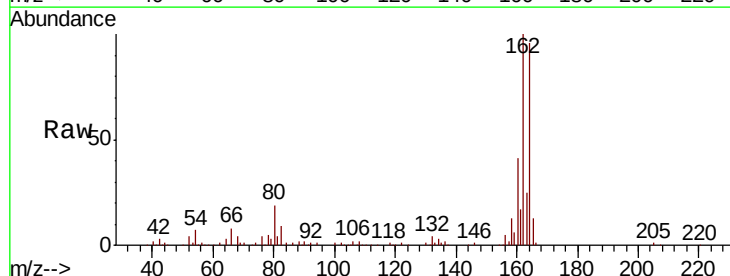
Instrument :
 BNA_G
 ClientSampleId :
 Z-3-13-A

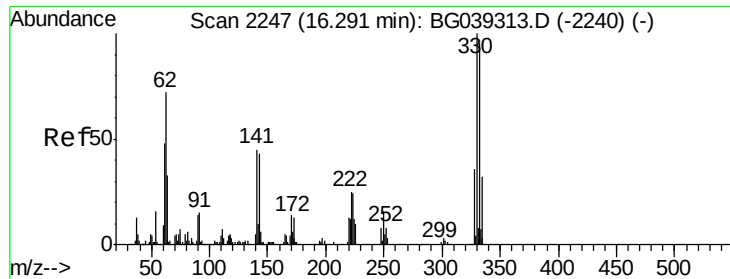
Tot Ion	82	Resp	347363
Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.3	46.9
54	61.1	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG039717.D
 Acq: 2 Mar 2019 10:43

Tgt Ion	164	Resp	131101
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.6	122.4
160	43.1	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 121.961 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039717.D

Acq: 2 Mar 2019 10:43

Instrument :

BNA_G

ClientSampleId :

Z-3-13-A

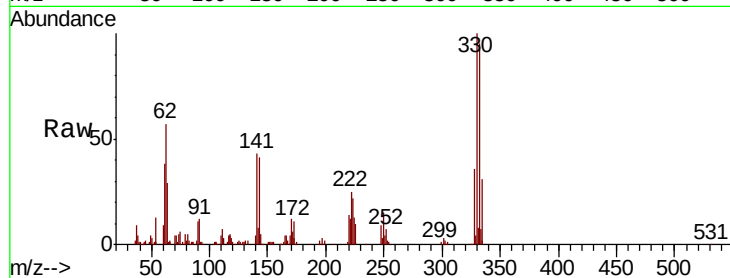
Tot Ion:330 Resp: 172177

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

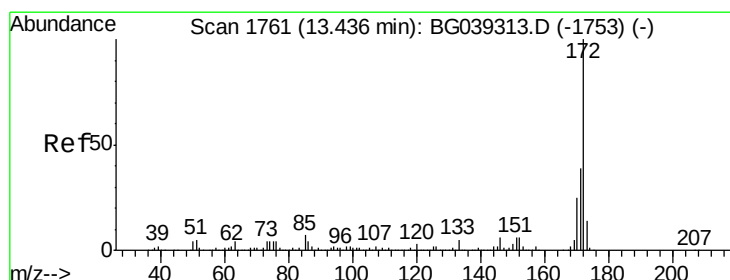
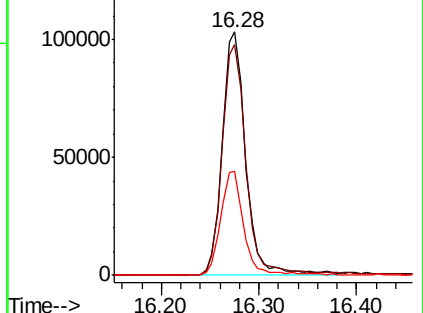
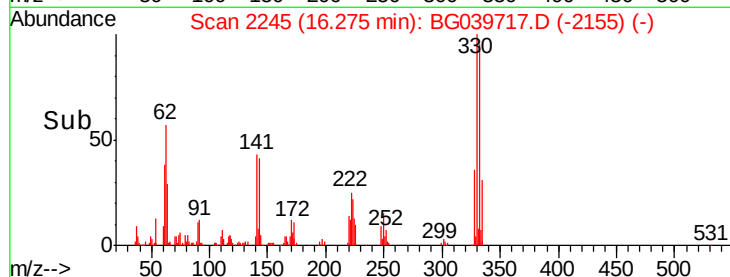
141 41.6 35.6 53.4



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: 88.368 ng

RT: 13.41 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG039717.D

Acq: 2 Mar 2019 10:43

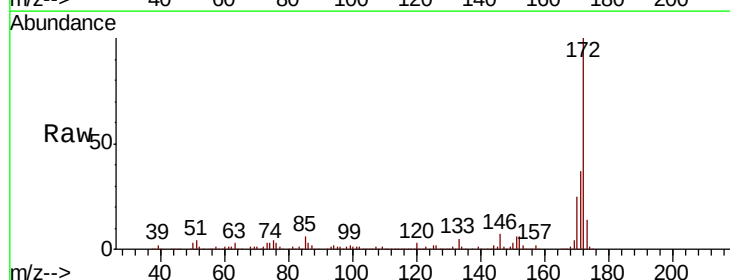
Tgt Ion:172 Resp: 807577

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

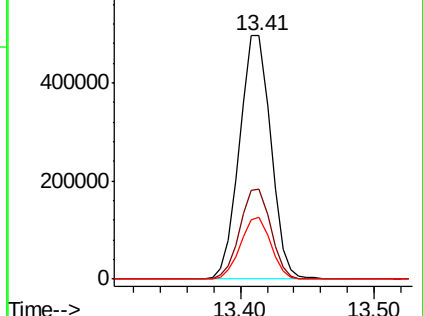
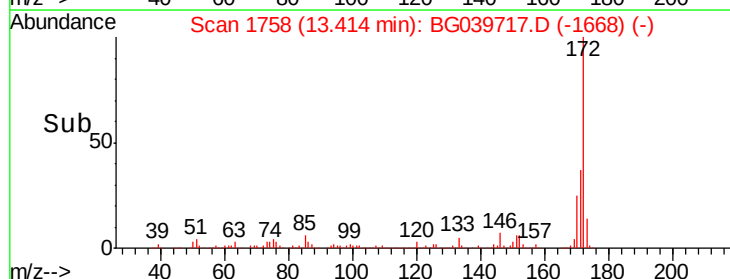
170 25.2 20.2 30.4

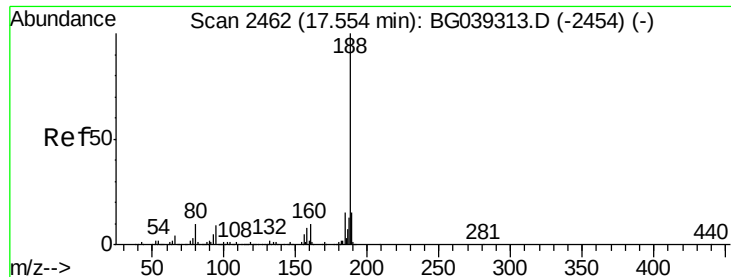


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039717.D

Acq: 2 Mar 2019 10:43

Instrument :

BNA_G

ClientSampled :

Z-3-13-A

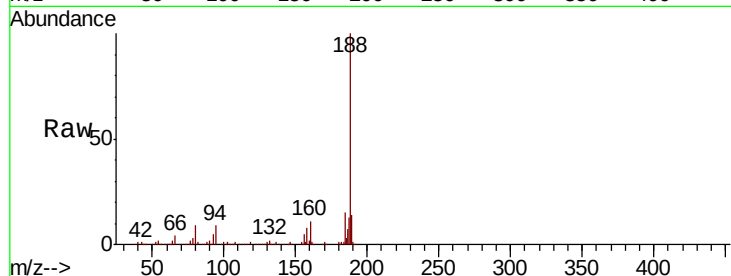
Tot Ion:188 Resp: 309565

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

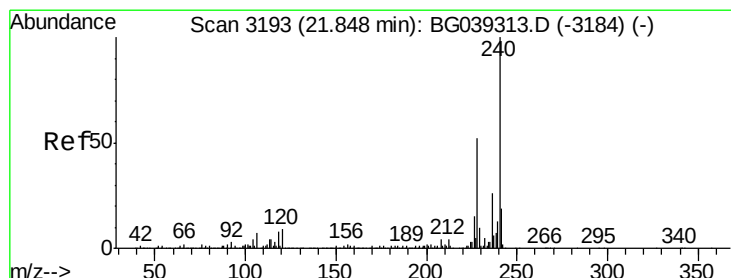
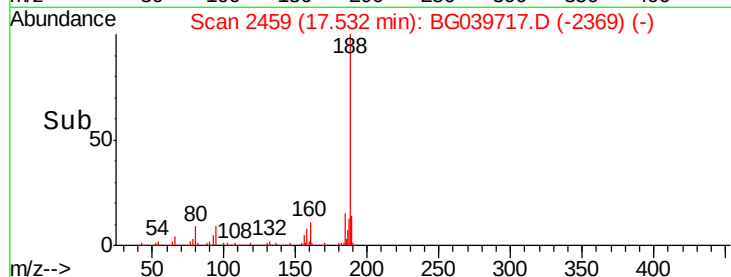
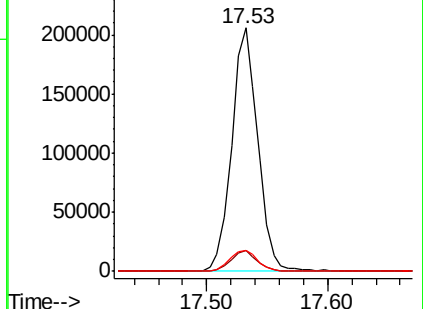
80 8.6 8.1 12.1



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. -0.01 min

Lab File: BG039717.D

Acq: 2 Mar 2019 10:43

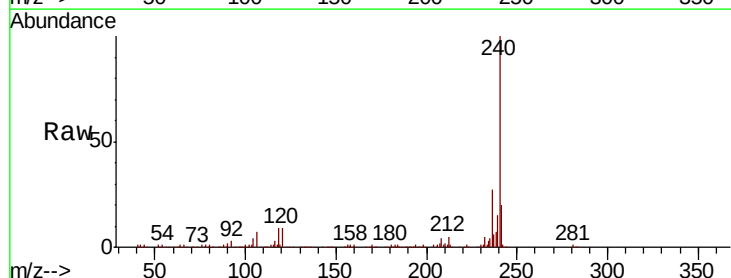
Tgt Ion:240 Resp: 328822

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

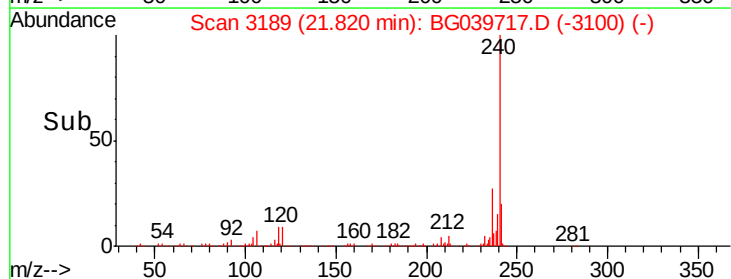
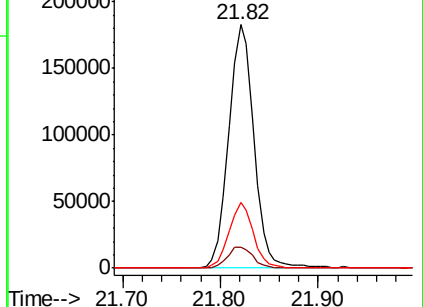
236 26.8 21.0 31.4

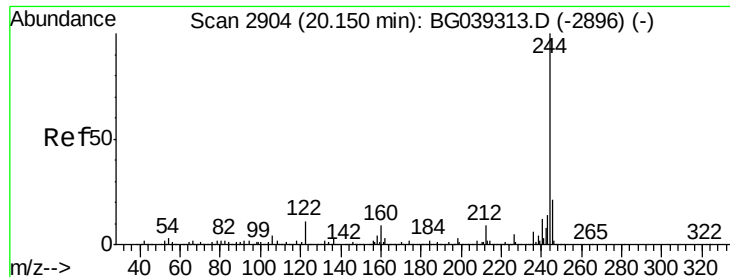


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.696 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039717.D

Acq: 2 Mar 2019 10:43

Instrument :

BNA_G

ClientSampleId :

Z-3-13-A

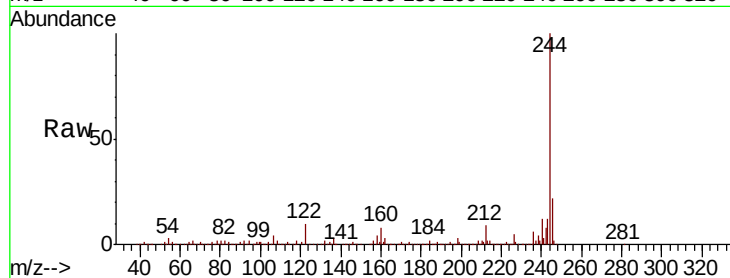
Tot Ion:244 Resp: 1300201

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

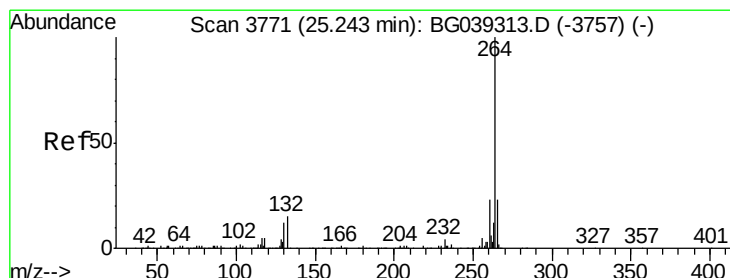
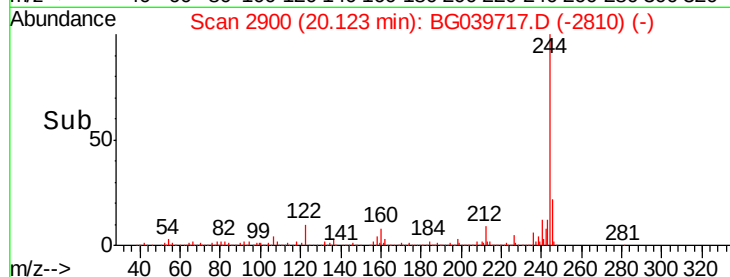
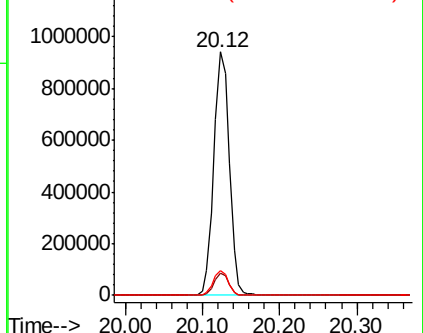
122 10.1 8.4 12.6



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: BG039717.D

Acq: 2 Mar 2019 10:43

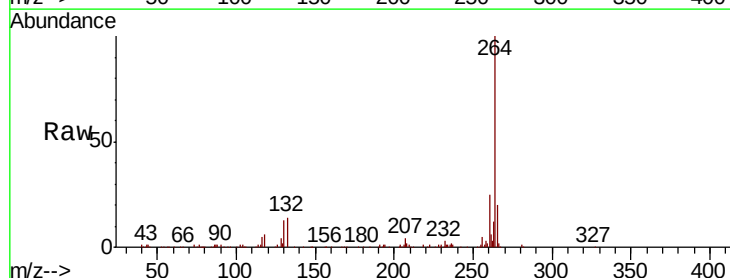
Tgt Ion:264 Resp: 311946

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 20.3 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

