

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039709.D
 Acq On : 2 Mar 2019 5:30
 Operator : JU/SJ
 Sample : K1675-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-4-A-B

Quant Time: Mar 03 23:52:38 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	8.17	152	59774	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	254157	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	170866	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	423566	20.00	ng	0.00
76) Chrysene-d12	21.82	240	441067	20.00	ng	-0.01
87) Perylene-d12	25.20	264	419054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	448663	128.47	ng	0.00
7) Phenol-d6	7.31	99	571988	111.26	ng	0.00
23) Nitrobenzene-d5	9.35	82	442590	108.79	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	272831	148.28	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1054657	88.55	ng	0.00
79) Terphenyl-d14	20.13	244	1680823	80.66	ng	0.00

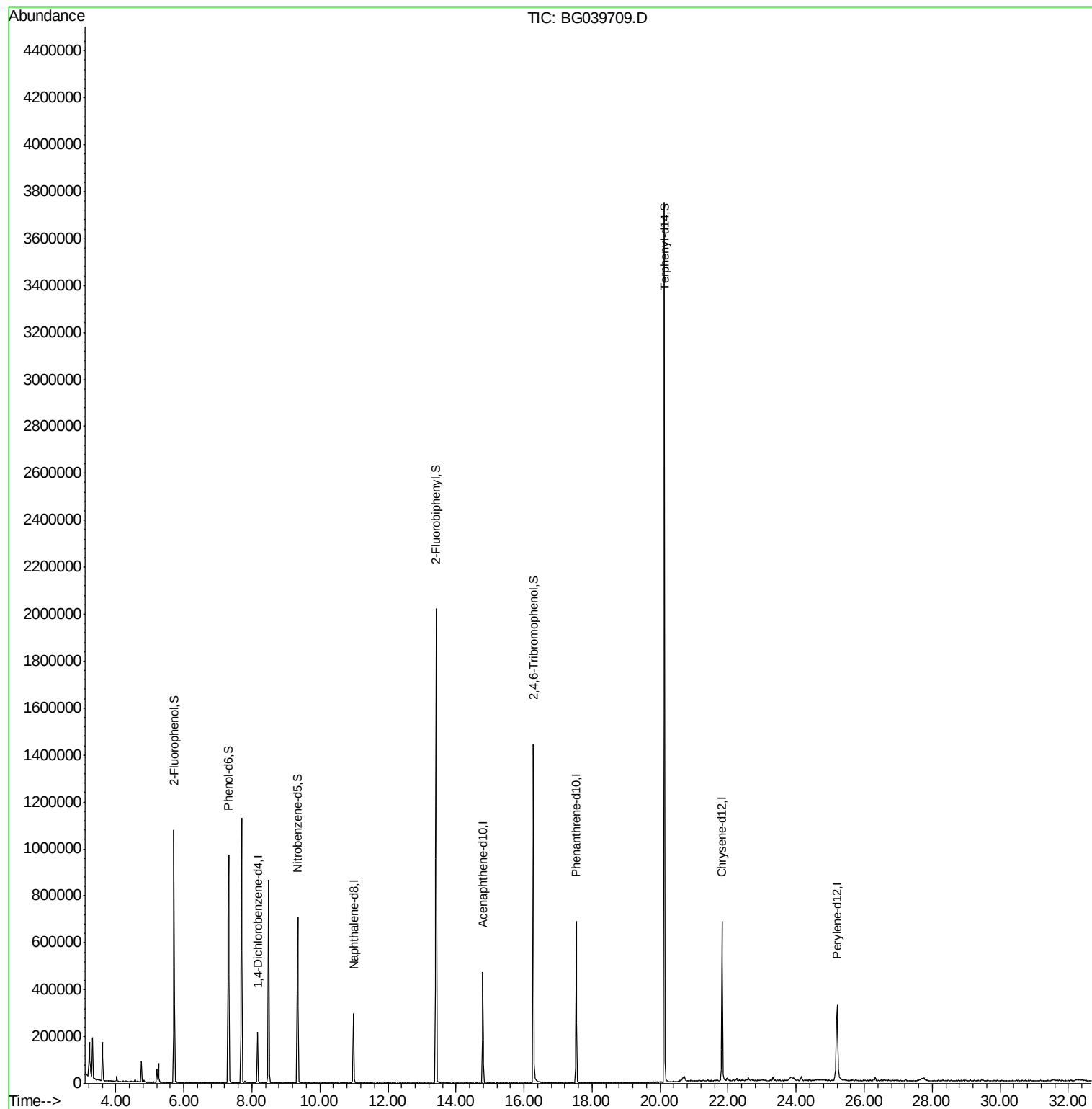
Target Compounds Qvalue

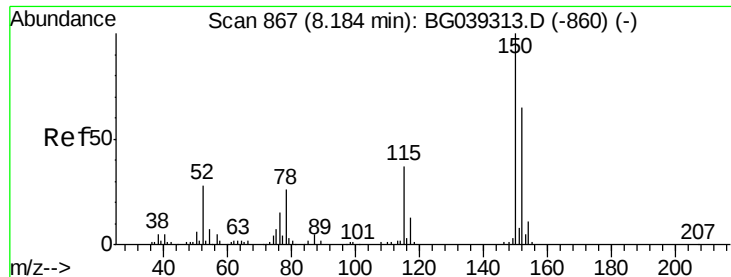
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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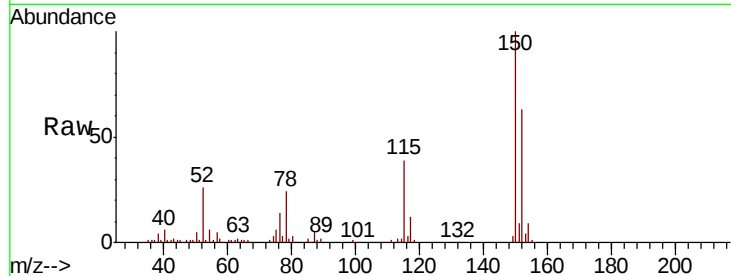


#1

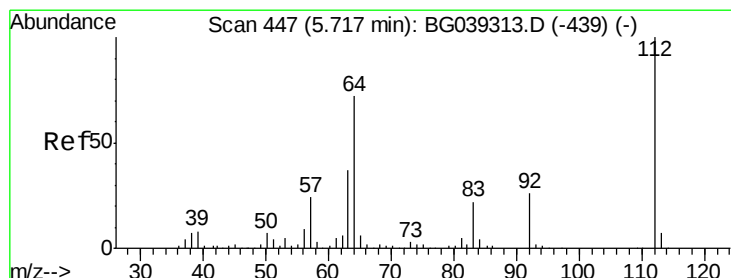
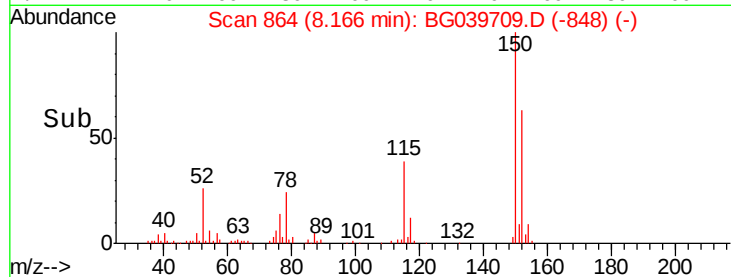
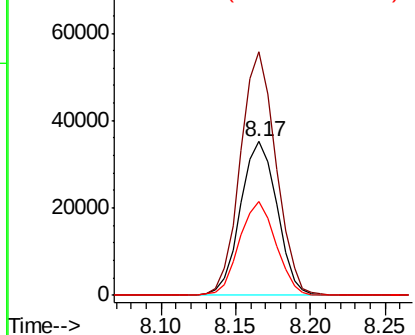
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BG039709.D
 Acq: 2 Mar 2019 5:30

Instrument :
 BNA_G
 ClientSampleId :
 Z-4-A-B

Tot Ion:152 Resp: 59774
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.7 185.5
 115 61.4 45.9 68.9



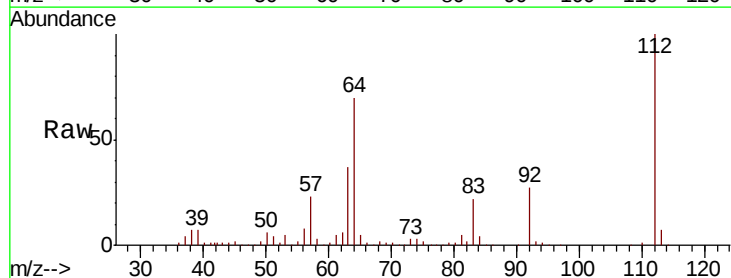
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



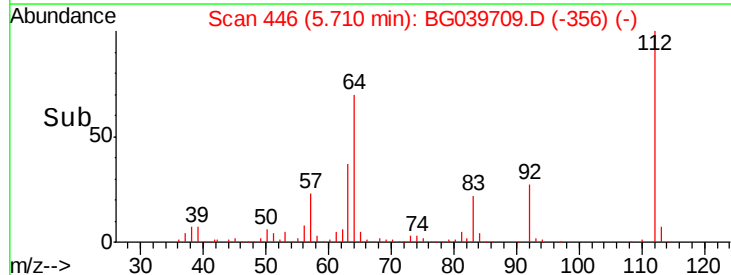
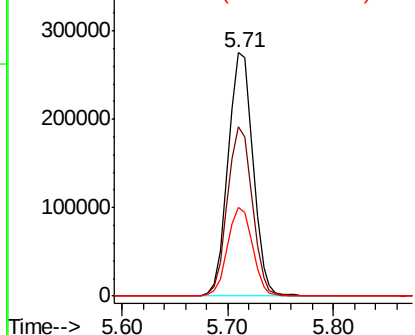
#5

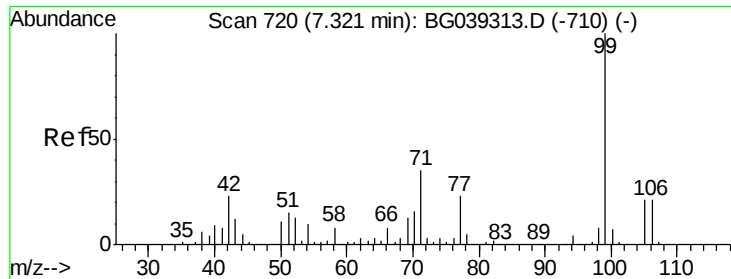
2-Fluorophenol
 Concen: 128.466 ng
 RT: 5.71 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BG039709.D
 Acq: 2 Mar 2019 5:30

Tgt Ion:112 Resp: 448663
 Ion Ratio Lower Upper
 112 100
 64 69.6 57.8 86.8
 63 36.6 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: 111.264 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039709.D

Acq: 2 Mar 2019 5:30

Instrument :

BNA_G

ClientSampleId :

Z-4-A-B

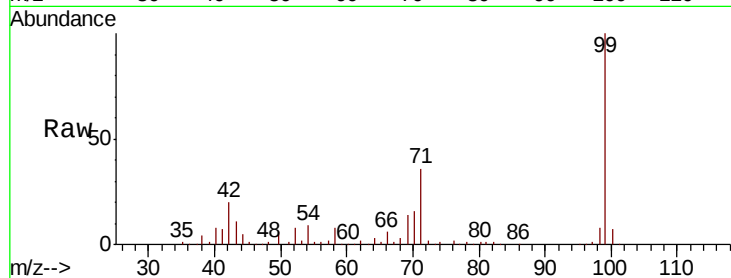
Tot Ion: 99 Resp: 571988

Ion Ratio Lower Upper

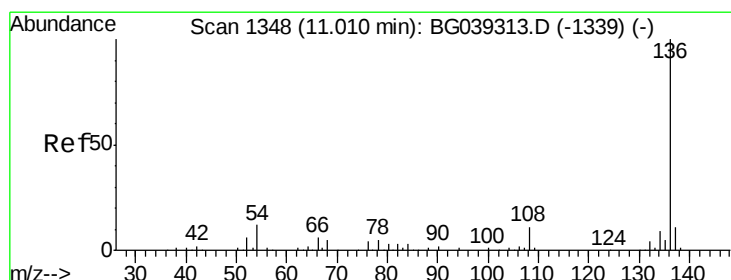
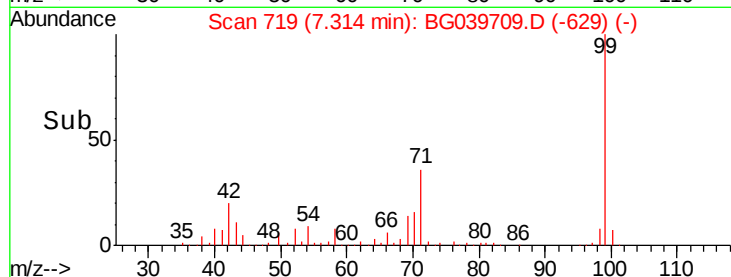
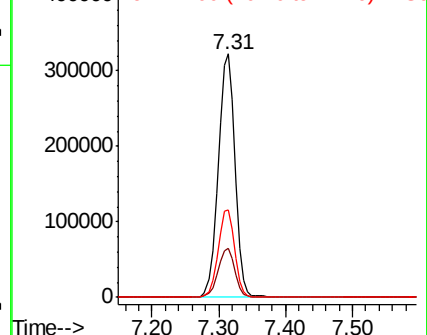
99 100

42 20.0 18.2 27.2

71 36.1 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# 1344

Delta R.T. -0.00 min

Lab File: BG039709.D

Acq: 2 Mar 2019 5:30

Tgt Ion: 136 Resp: 254157

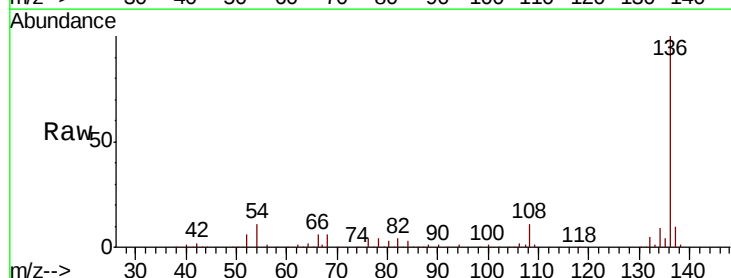
Ion Ratio Lower Upper

136 100

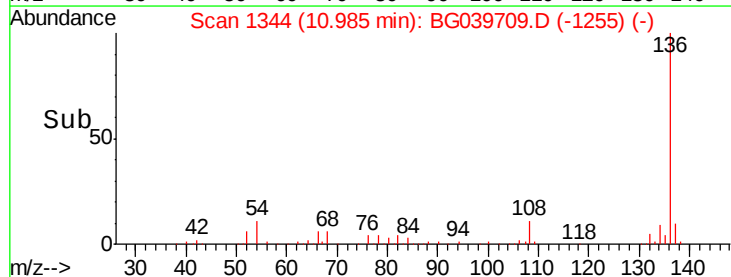
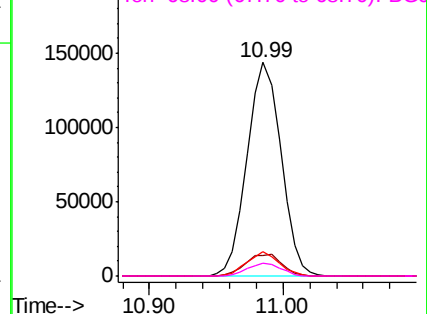
137 9.9 9.1 13.7

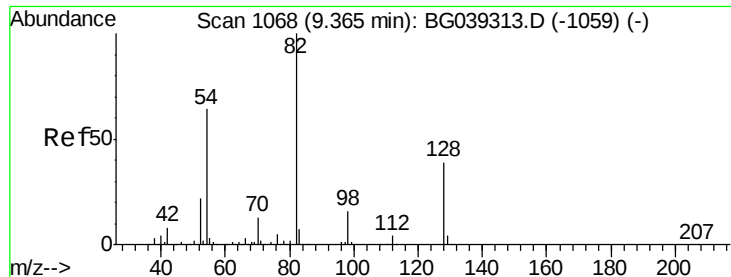
54 11.1 9.4 14.2

68 5.8 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

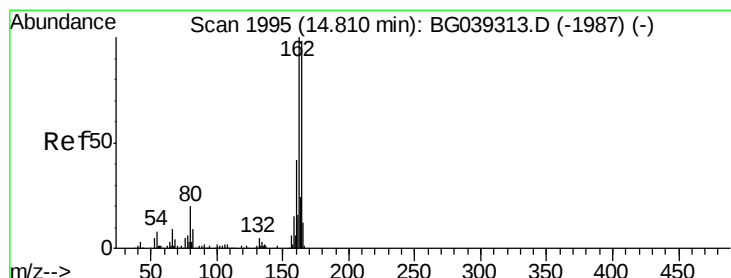
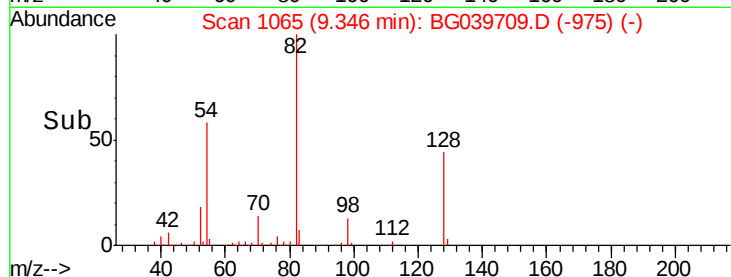
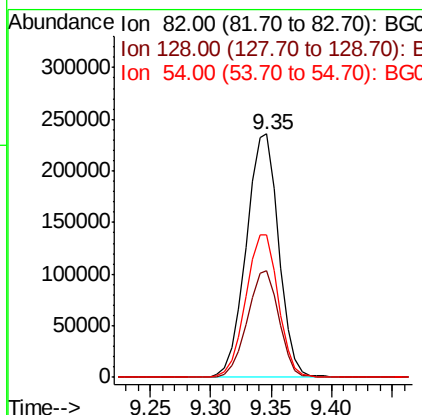
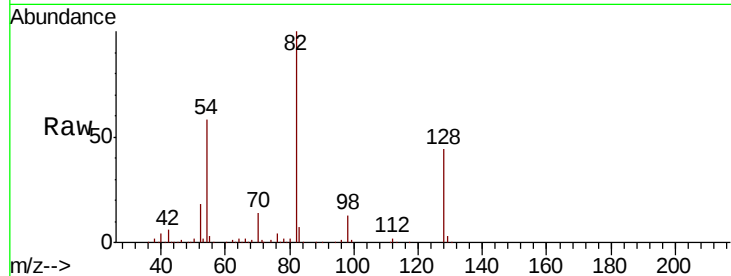




#23
Nitrobenzene-d5
Concen: 108.788 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

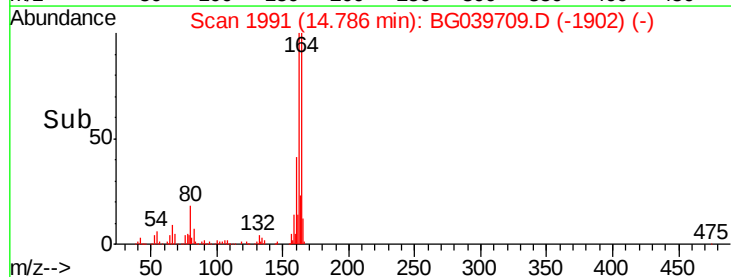
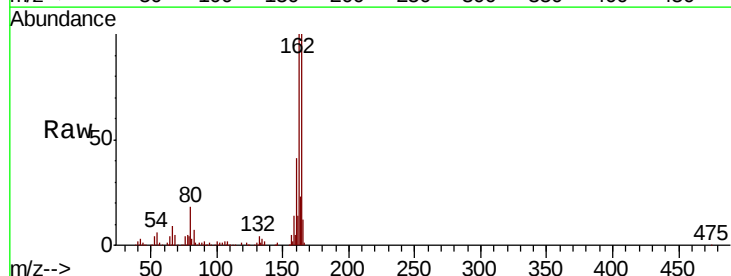
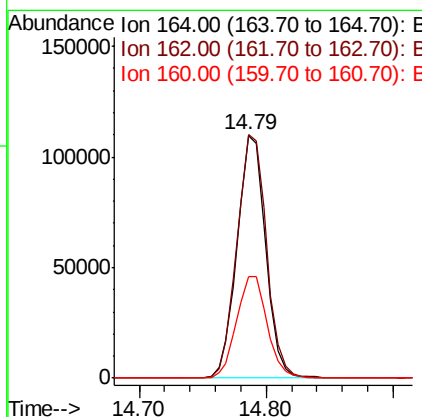
Instrument :
BNA_G
ClientSampleId :
Z-4-A-B

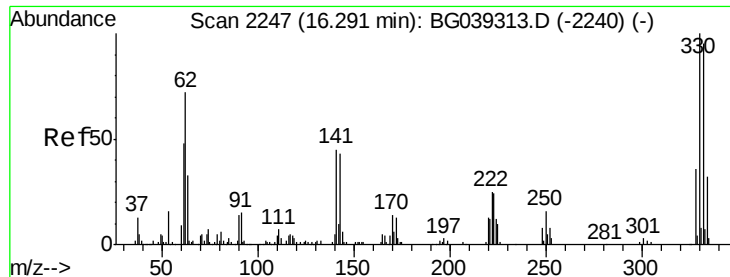
Tot Ion	82	Resp	442590
Ion Ratio	Lower	Upper	
82	100		
128	43.7	31.3	46.9
54	58.5	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion	164	Resp	170866
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.6	122.4
160	41.6	34.2	51.2

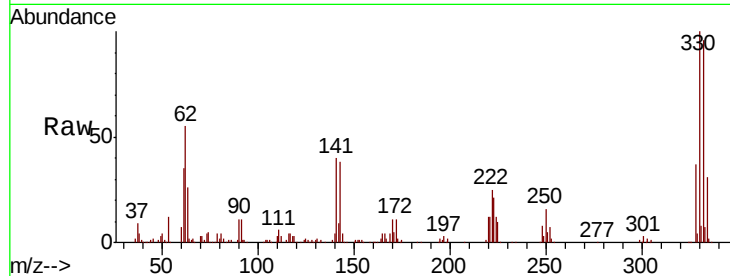




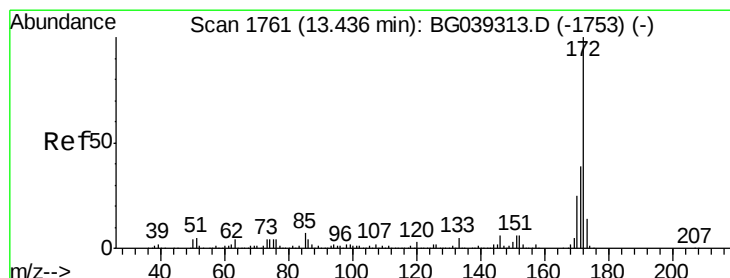
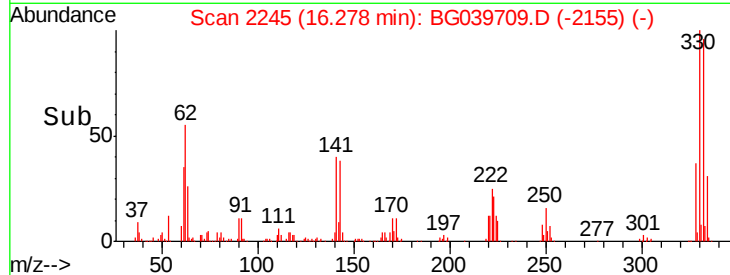
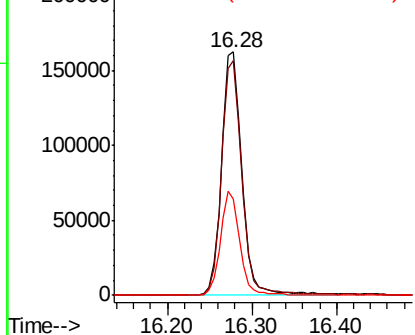
#42
 2,4,6-Tribromophenol
 Concen: 148.283 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BG039709.D
 Acq: 2 Mar 2019 5:30

Instrument :
 BNA_G
 ClientSampleId :
 Z-4-A-B

Tot Ion:330 Resp: 272831
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 40.4 35.6 53.4

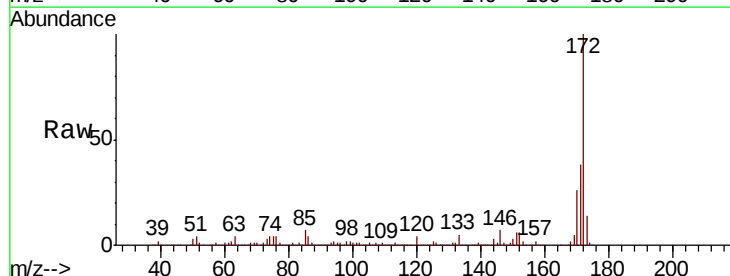


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

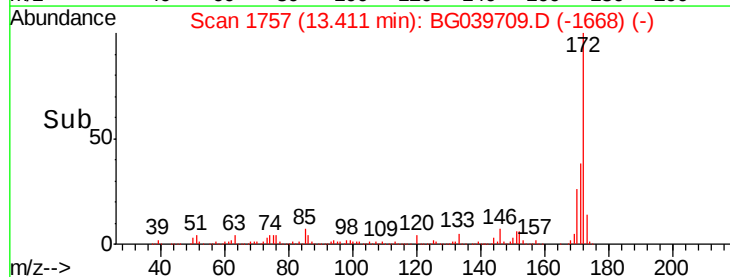
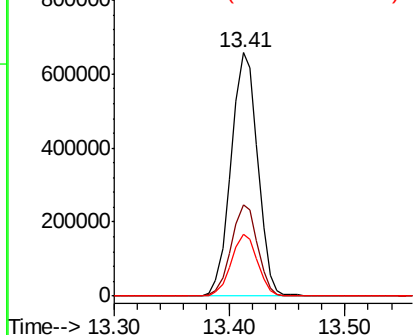


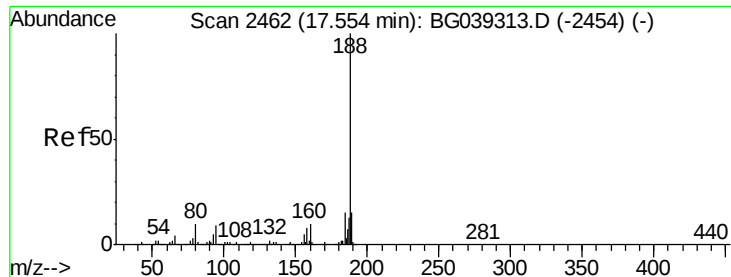
#45
 2-Fluorobiphenyl
 Concen: 88.546 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG039709.D
 Acq: 2 Mar 2019 5:30

Tgt Ion:172 Resp: 1054657
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 25.5 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# 2459

Delta R.T. 0.00 min

Lab File: BG039709.D

Acq: 2 Mar 2019 5:30

Instrument :

BNA_G

ClientSampleId :

Z-4-A-B

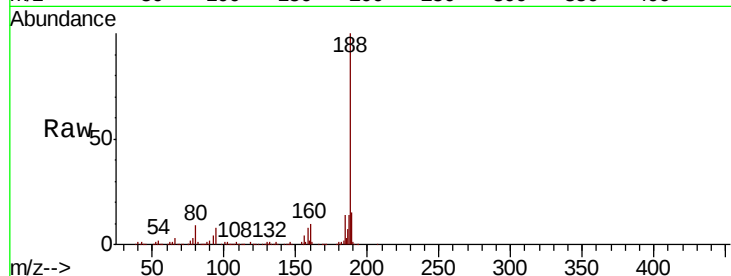
Tot Ion:188 Resp: 423566

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

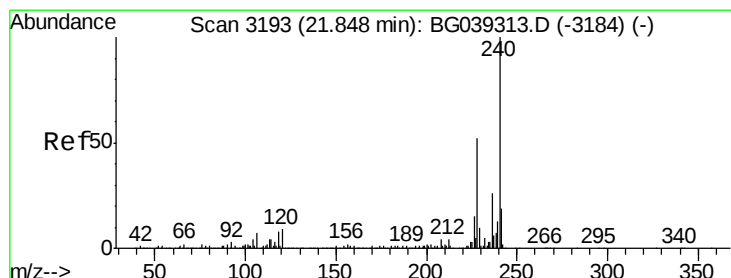
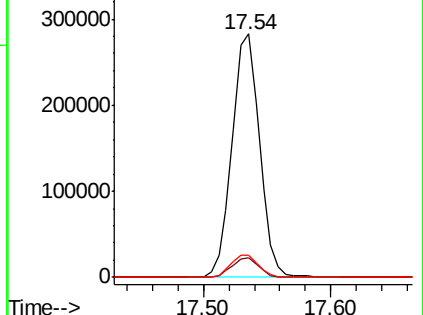
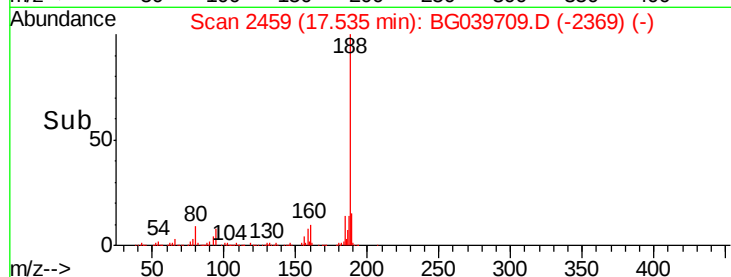
80 9.1 8.1 12.1



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039709.D

Acq: 2 Mar 2019 5:30

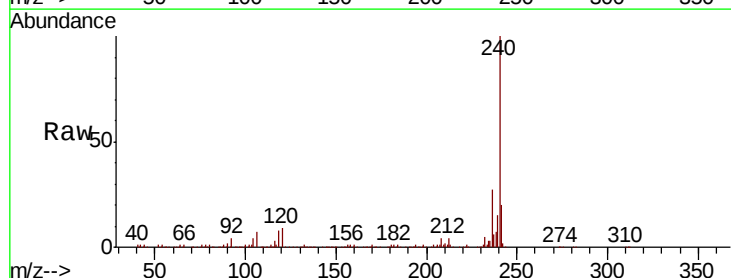
Tgt Ion:240 Resp: 441067

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

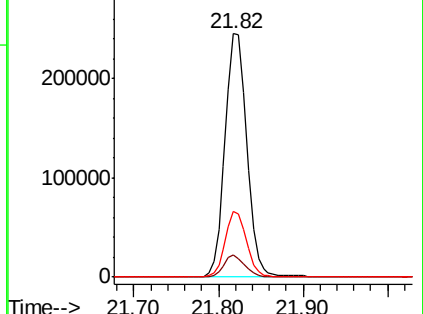
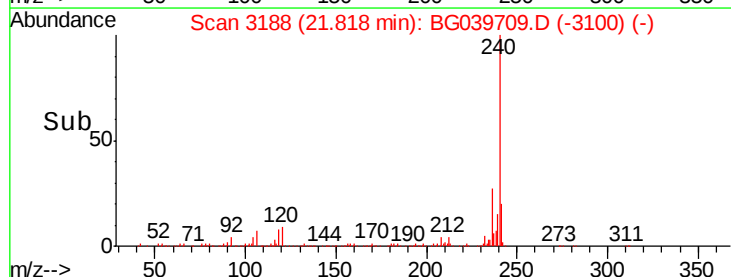
236 27.1 21.0 31.4

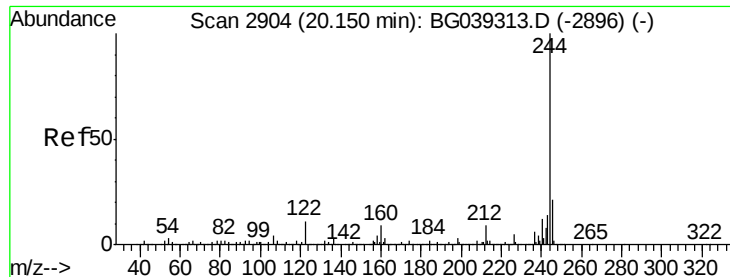


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.663 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039709.D

Acq: 2 Mar 2019 5:30

Instrument :

BNA_G

ClientSampleId :

Z-4-A-B

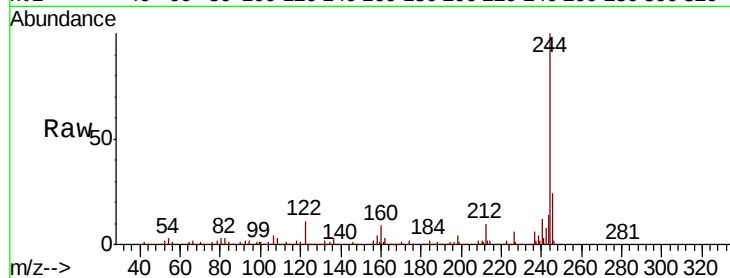
Tot Ion:244 Resp: 1680823

Ion Ratio Lower Upper

244 100

212 10.0 7.3 10.9

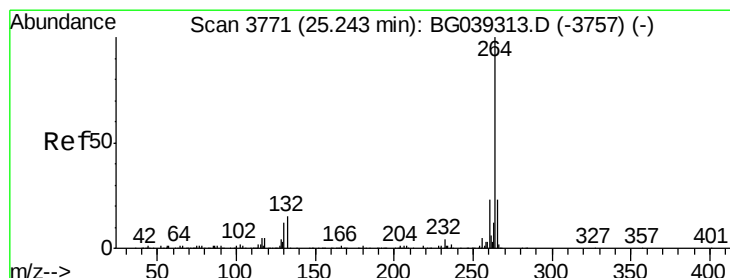
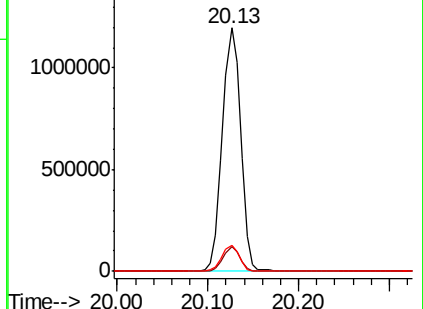
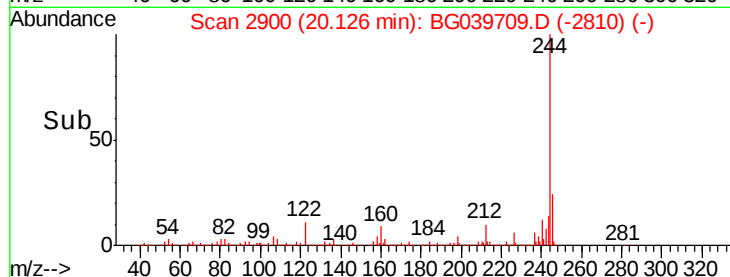
122 10.6 8.4 12.6



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: 25.20 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG039709.D

Acq: 2 Mar 2019 5:30

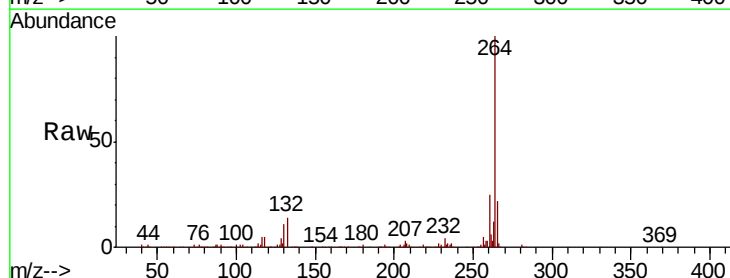
Tgt Ion:264 Resp: 419054

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 22.1 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

