

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039581.D
 Acq On : 21 Feb 2019 21:26
 Operator : JU/SJ
 Sample : K1345-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-022019

Quant Time: Feb 22 00:41:02 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	8.17	152	54284	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	244128	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	167110	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	403833	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	406355	20.00	ng	-0.03
87) Perylene-d12	25.21	264	334678	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	426286	134.40	ng	0.00
7) Phenol-d6	7.32	99	552489	118.34	ng	0.00
23) Nitrobenzene-d5	9.34	82	419691	107.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	206001	114.48	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	986494	84.69	ng	-0.02
79) Terphenyl-d14	20.13	244	1589475	82.80	ng	-0.02

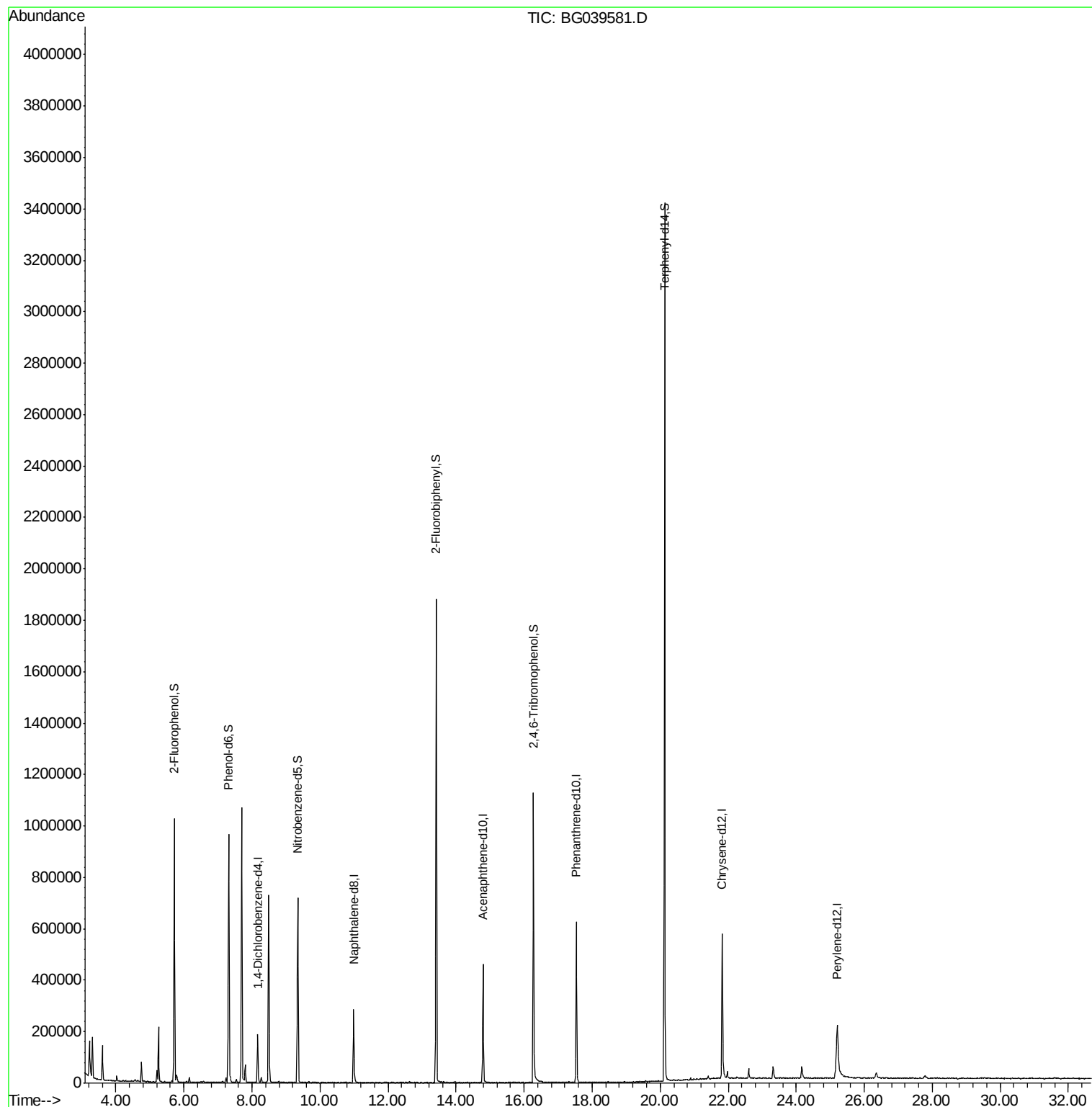
Target Compounds Qvalue

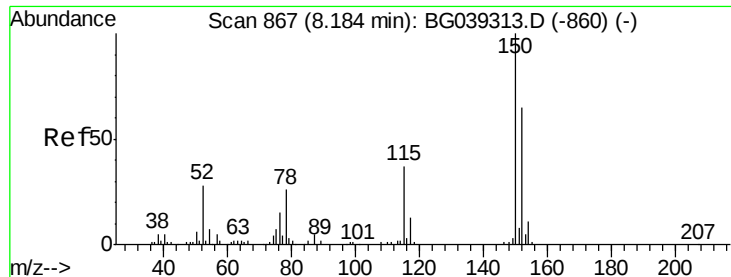
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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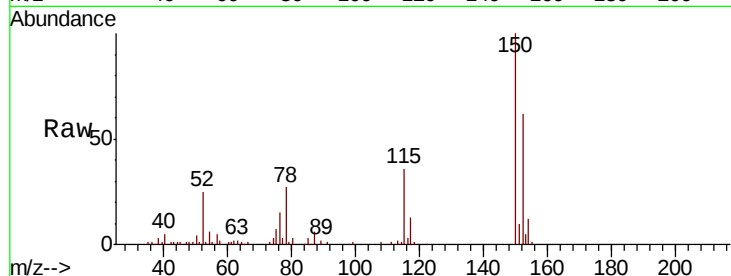


#1

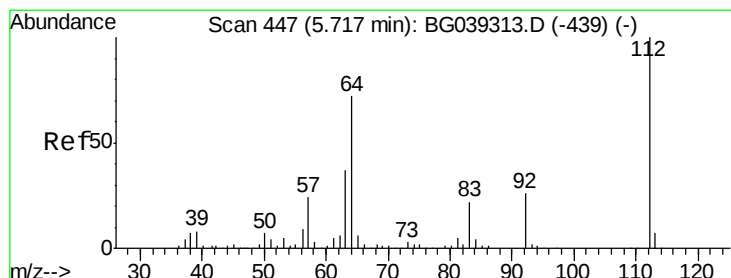
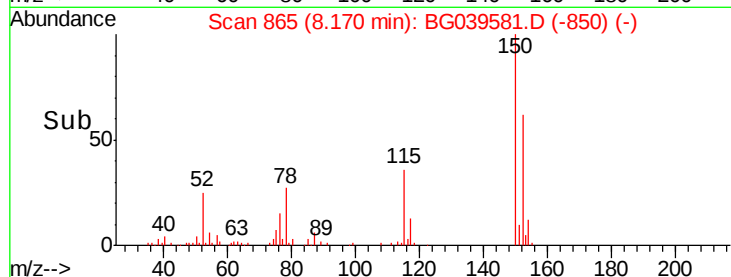
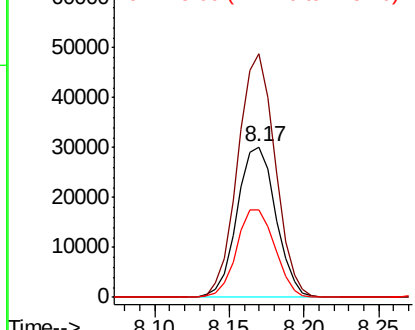
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039581.D
Acq: 21 Feb 2019 21:26

Instrument :
BNA_G
ClientSampleId :
HD-01-022019

Tot Ion:152 Resp: 54284
Ion Ratio Lower Upper
152 100
150 162.2 123.7 185.5
115 57.8 45.9 68.9



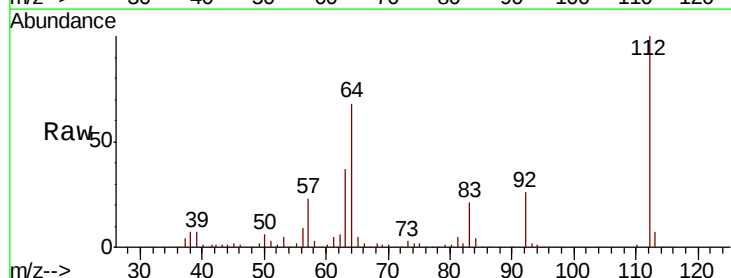
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



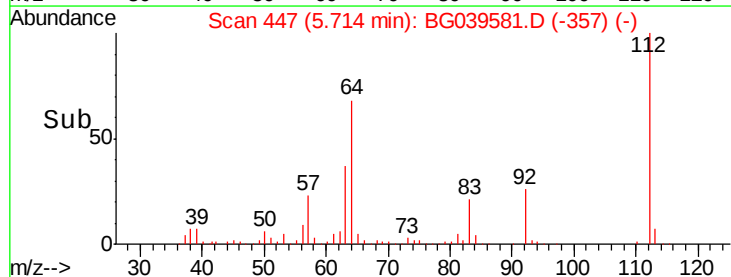
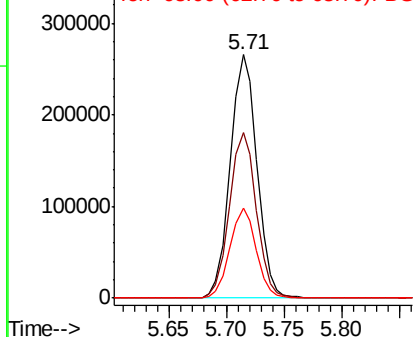
#5

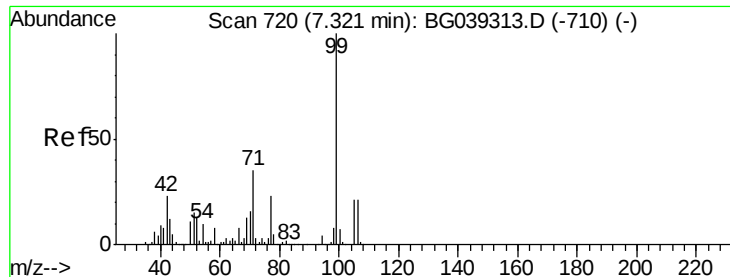
2-Fluorophenol
Concen: 134.403 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039581.D
Acq: 21 Feb 2019 21:26

Tgt Ion:112 Resp: 426286
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.8
63 37.2 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: 118.340 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039581.D

Acq: 21 Feb 2019 21:26

Instrument :

BNA_G

ClientSampleId :

HD-01-022019

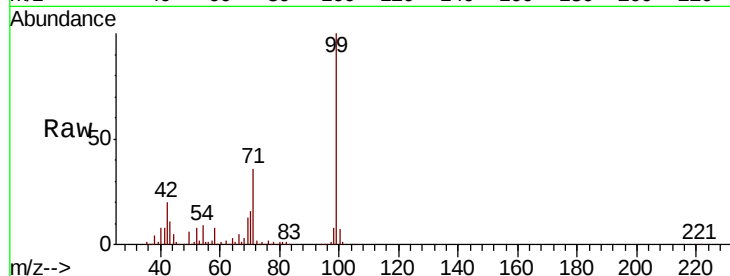
Tot Ion: 99 Resp: 552489

Ion Ratio Lower Upper

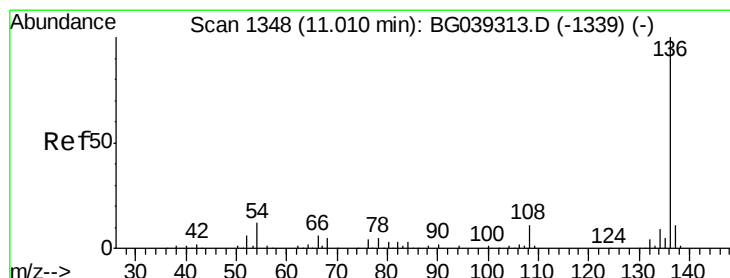
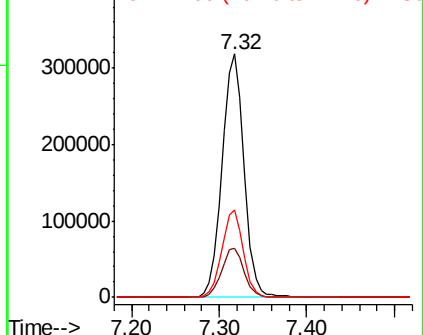
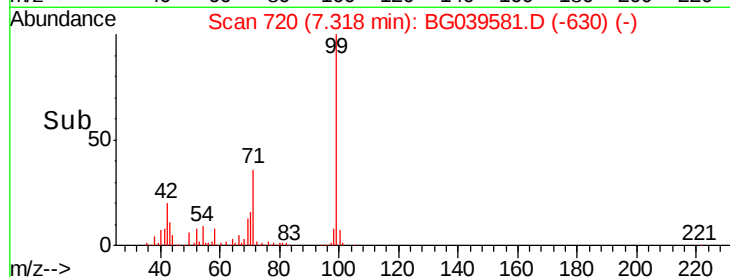
99 100

42 20.4 18.2 27.2

71 35.8 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. -0.02 min

Lab File: BG039581.D

Acq: 21 Feb 2019 21:26

Tgt Ion: 136 Resp: 244128

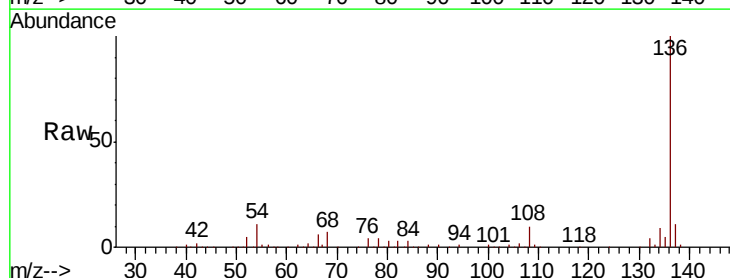
Ion Ratio Lower Upper

136 100

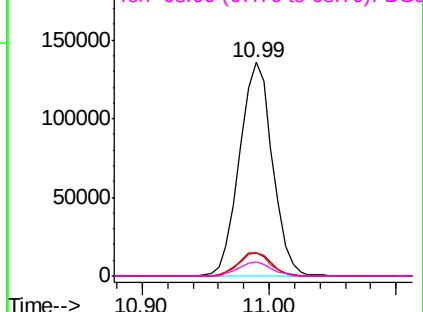
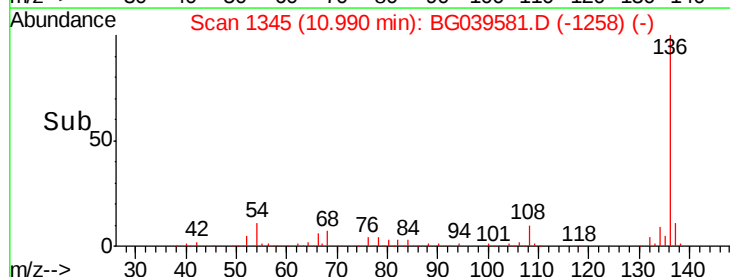
137 10.9 9.1 13.7

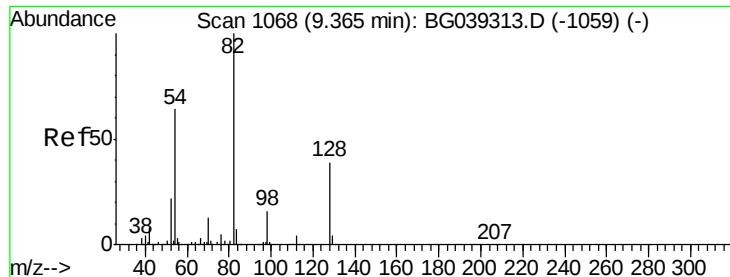
54 10.9 9.4 14.2

68 6.5 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

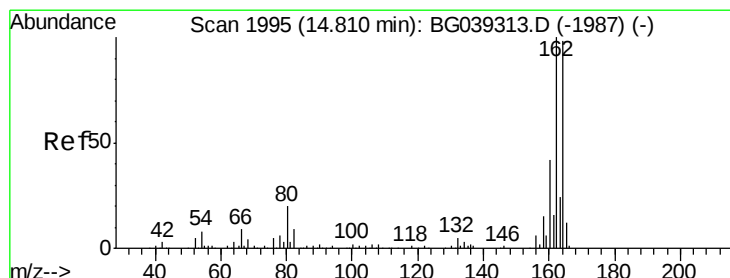
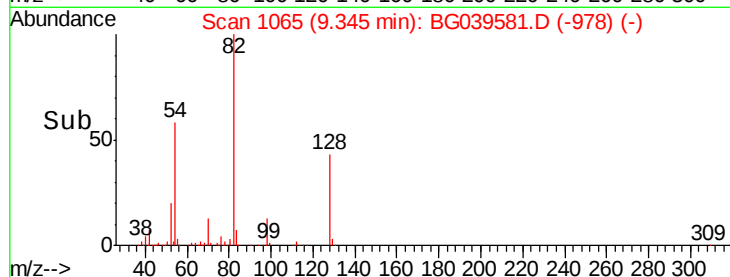
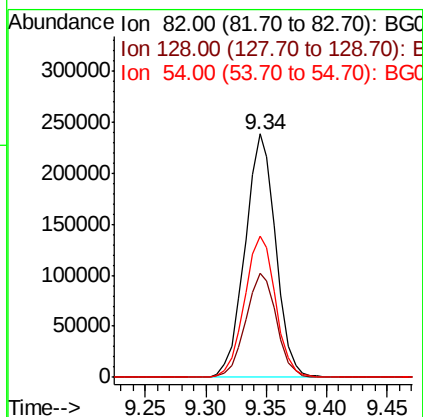
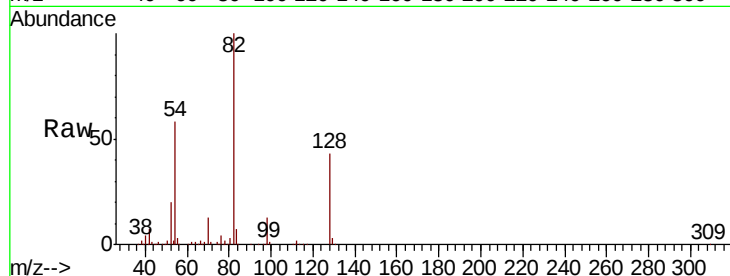




#23
 Nitrobenzene-d5
 Concen: 107.398 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039581.D
 Acq: 21 Feb 2019 21:26

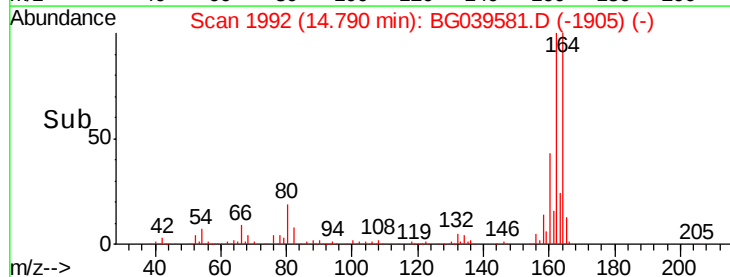
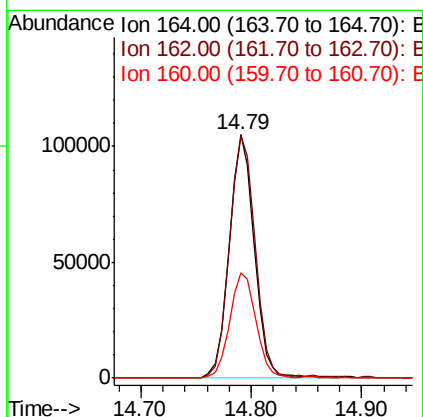
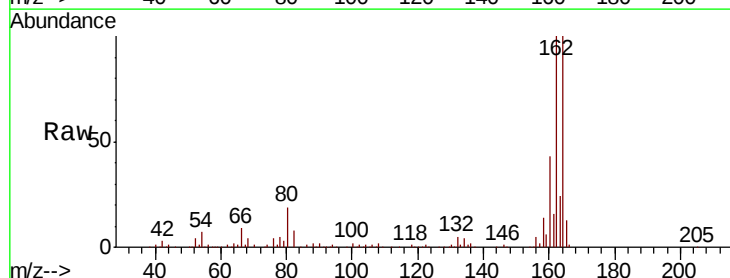
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-022019

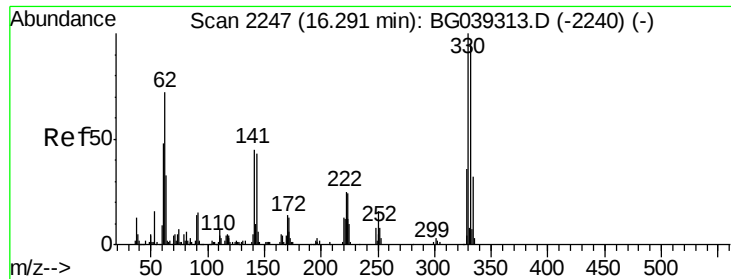
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	58.0	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039581.D
 Acq: 21 Feb 2019 21:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.6	122.4
160	43.3	34.2	51.2

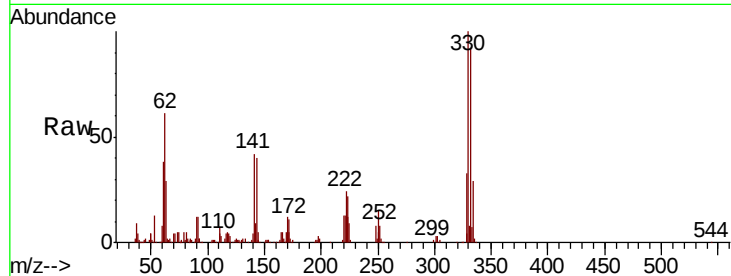




#42
 2,4,6-Tribromophenol
 Concen: 114.478 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039581.D
 Acq: 21 Feb 2019 21:26

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-022019

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	41.0	35.6	53.4

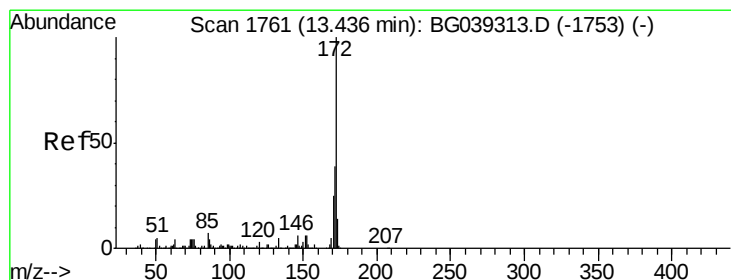
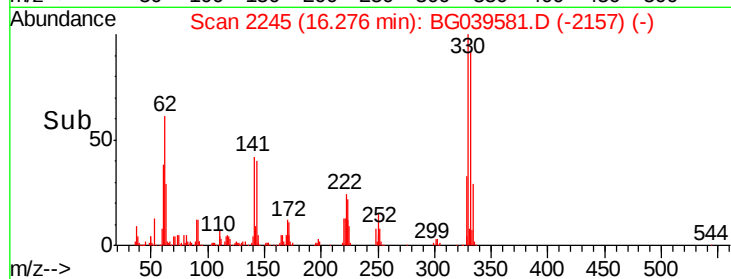
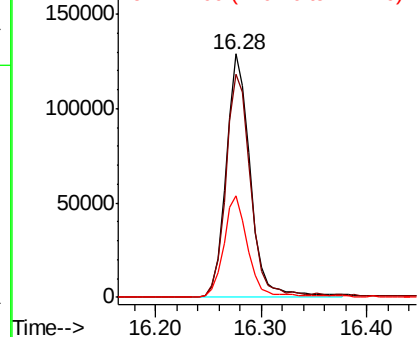


Abundance

Ion 329.80 (329.50 to 330.50): E

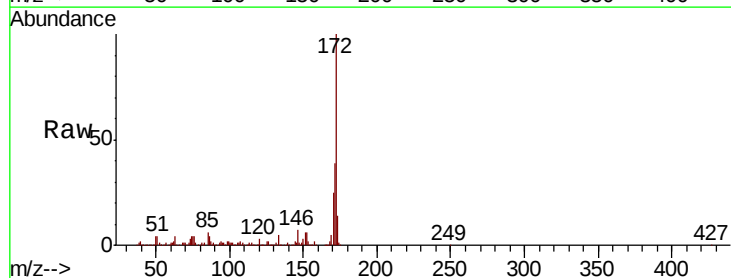
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.685 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039581.D
 Acq: 21 Feb 2019 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.2	20.2	30.4

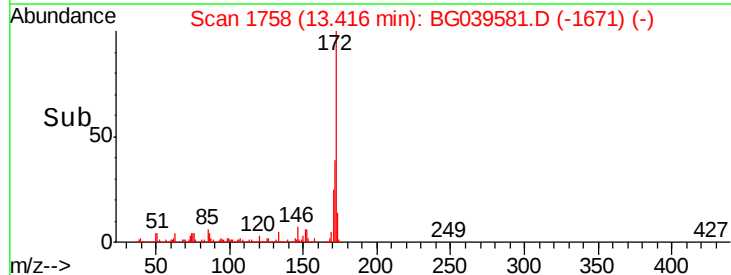
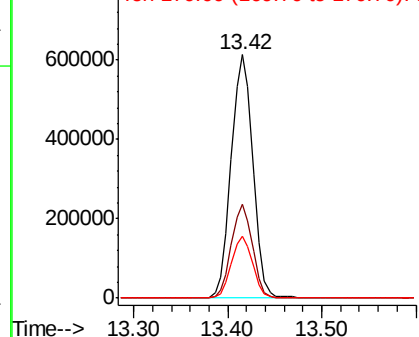


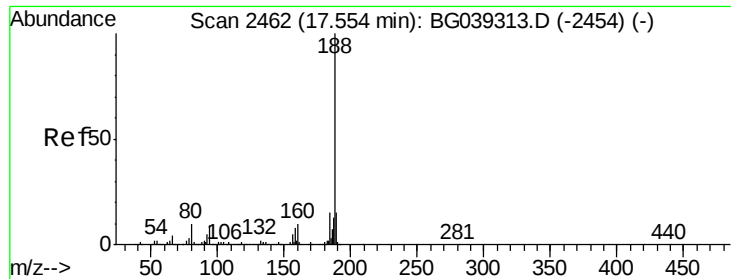
Abundance

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. -0.02 min

Lab File: BG039581.D

Acq: 21 Feb 2019 21:26

Instrument :

BNA_G

ClientSampleId :

HD-01-022019

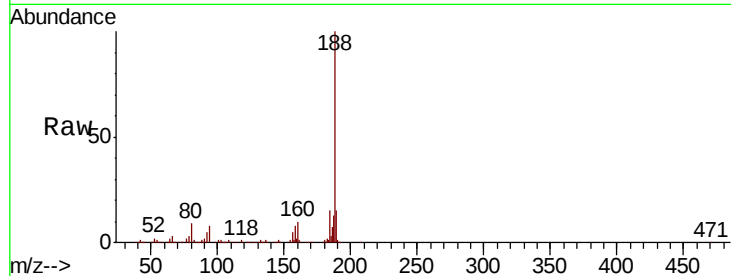
Tot Ion:188 Resp: 403833

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

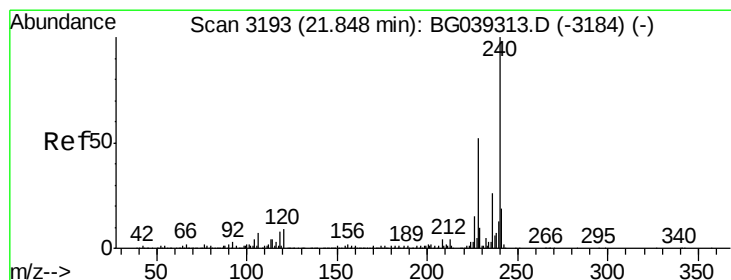
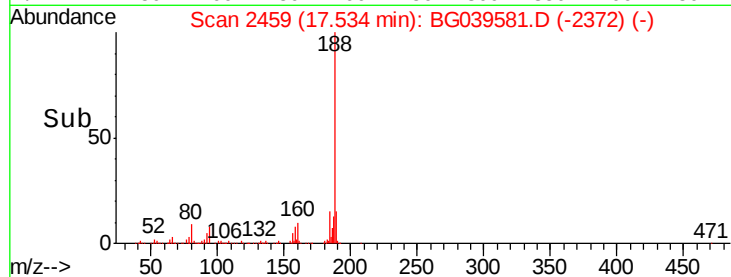
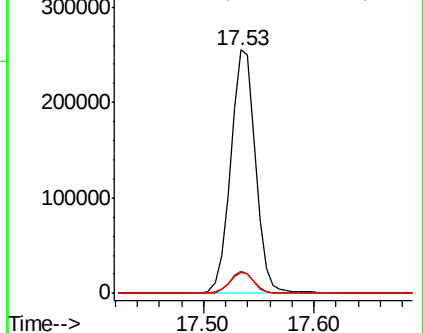
80 9.1 8.1 12.1



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# 3189

Delta R.T. -0.03 min

Lab File: BG039581.D

Acq: 21 Feb 2019 21:26

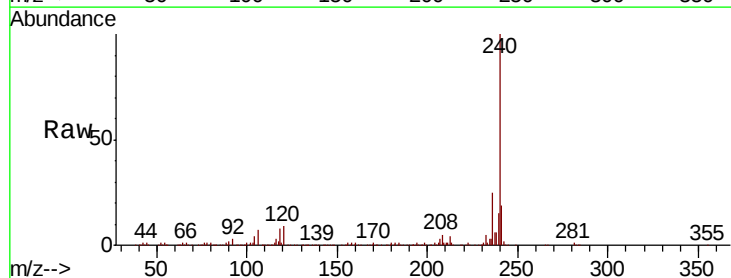
Tgt Ion:240 Resp: 406355

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

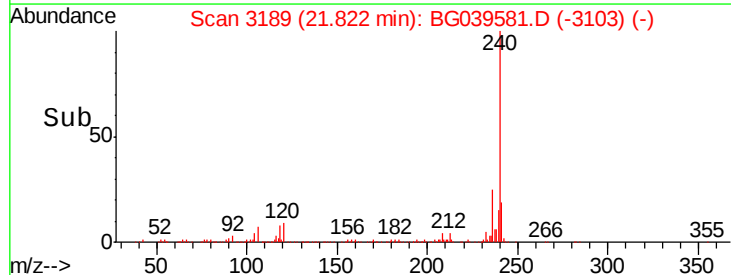
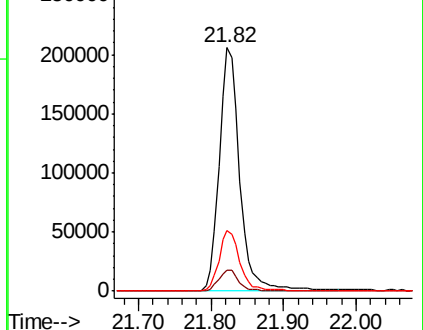
236 24.9 21.0 31.4



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: 82.795 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039581.D

Acq: 21 Feb 2019 21:26

Instrument :

BNA_G

ClientSampleId :

HD-01-022019

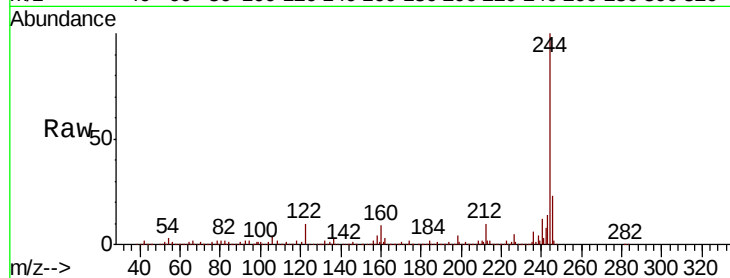
Tot Ion:244 Resp: 1589475

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

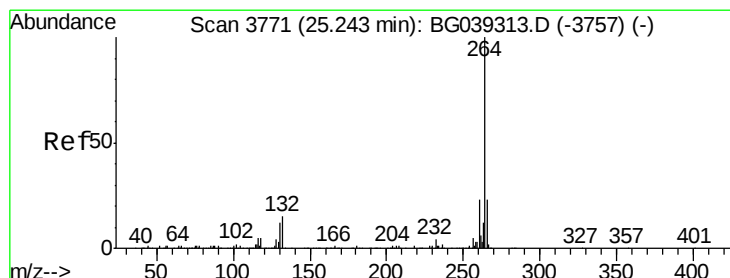
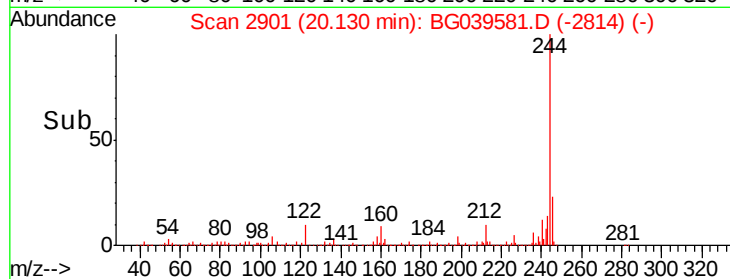
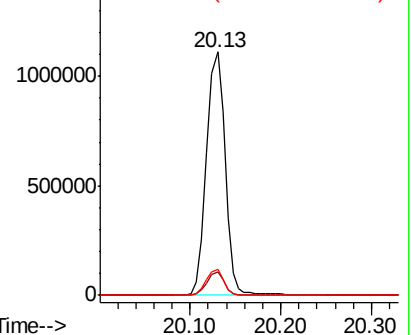
122 10.4 8.4 12.6



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: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039581.D

Acq: 21 Feb 2019 21:26

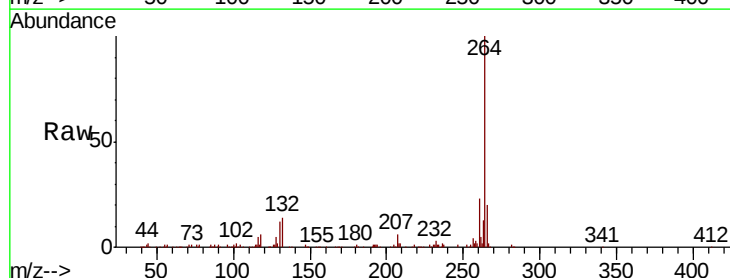
Tgt Ion:264 Resp: 334678

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 20.1 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

