

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039079.D
 Acq On : 11 Jan 2019 8:23
 Operator : JU/SJ
 Sample : K1087-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-444-C

Quant Time: Jan 11 13:55:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22666	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89446	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64772	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	181997	20.00	ng	0.00
76) Chrysene-d12	21.70	240	208751	20.00	ng	0.00
87) Perylene-d12	24.97	264	217535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	168282	140.84	ng	0.00
7) Phenol-d6	7.19	99	203101	118.11	ng	0.00
23) Nitrobenzene-d5	9.20	82	156525	95.76	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	163222	150.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	439827	92.93	ng	0.00
79) Terphenyl-d14	20.02	244	960463	85.11	ng	0.00

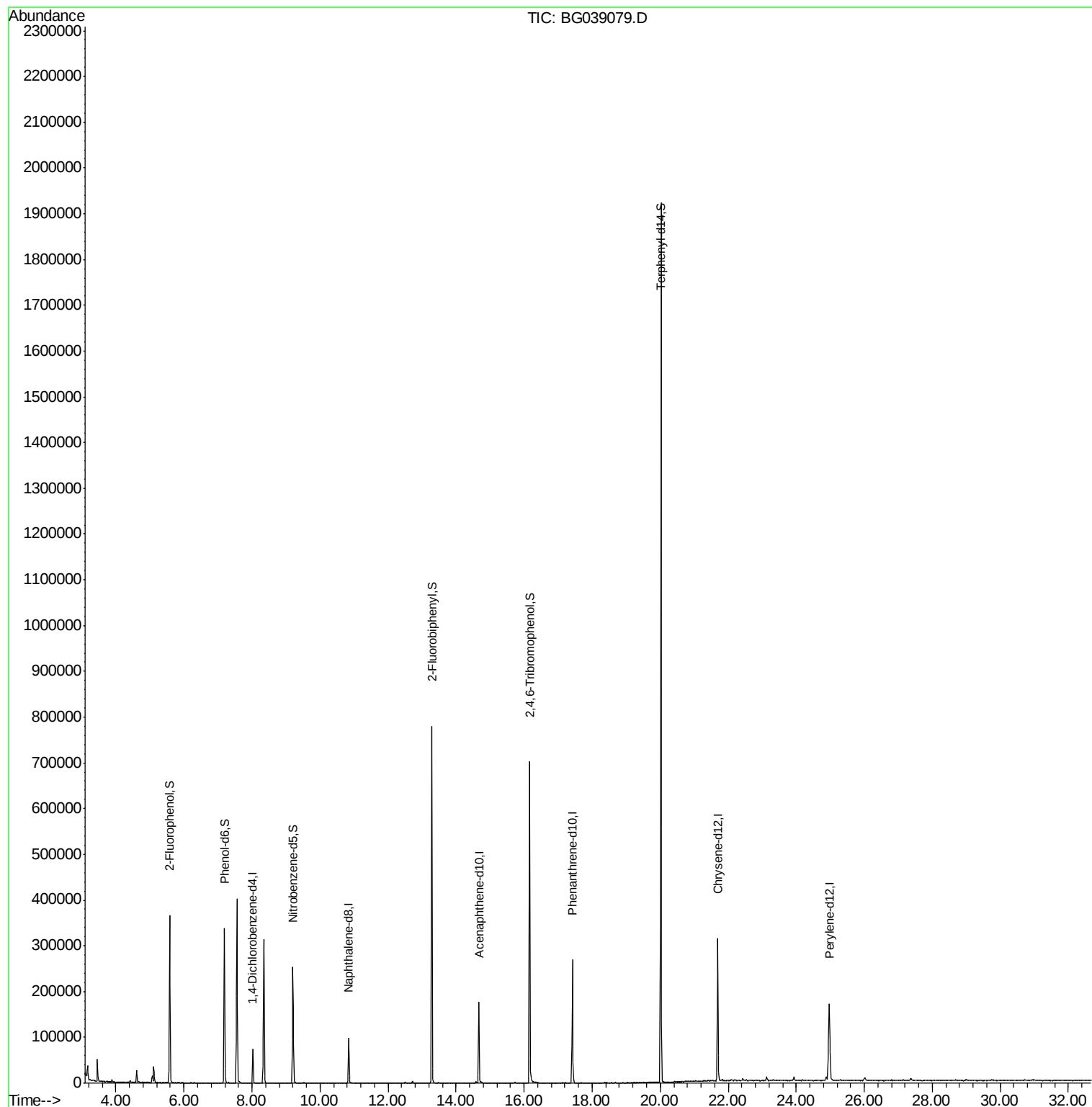
Target Compounds Qvalue

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

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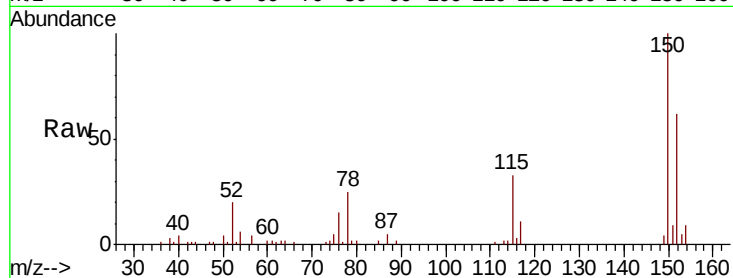


#1

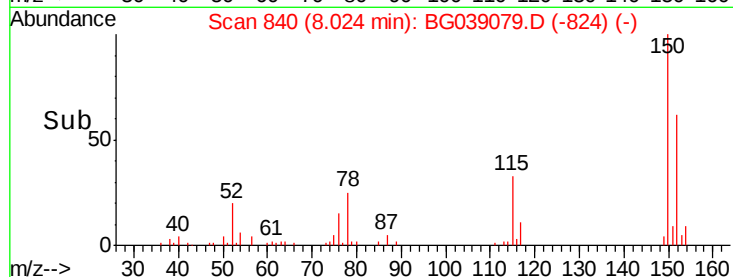
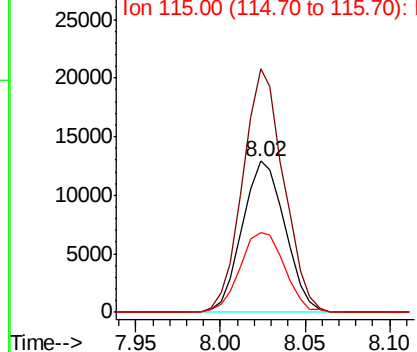
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039079.D
Acq: 11 Jan 2019 8:23

Instrument :
BNA_G
ClientSampled :
MH-444-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.7	187.1
115	52.7	46.5	69.7



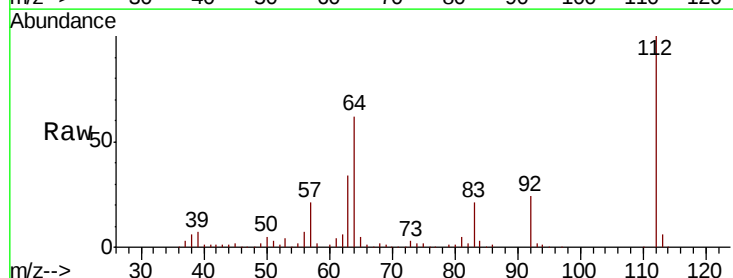
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



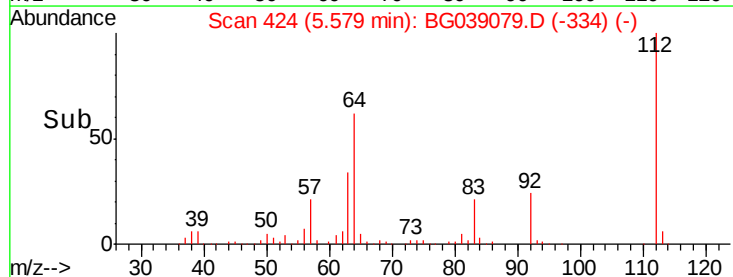
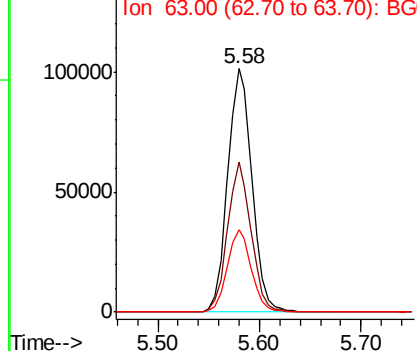
#5

2-Fluorophenol
Concen: 140.840 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039079.D
Acq: 11 Jan 2019 8:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.0	70.6
63	33.9	28.0	42.0



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: 118.114 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039079.D

Acq: 11 Jan 2019 8:23

Instrument :

BNA_G

ClientSampleId :

MH-444-C

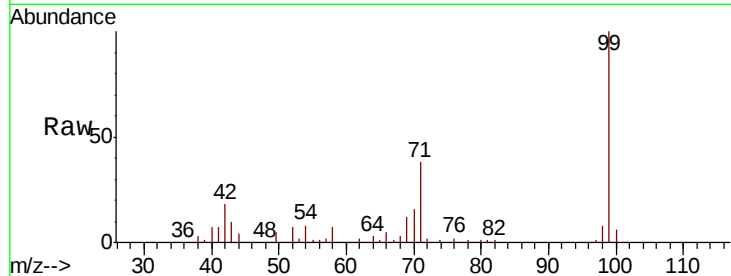
Tot Ion: 99 Resp: 203101

Ion Ratio Lower Upper

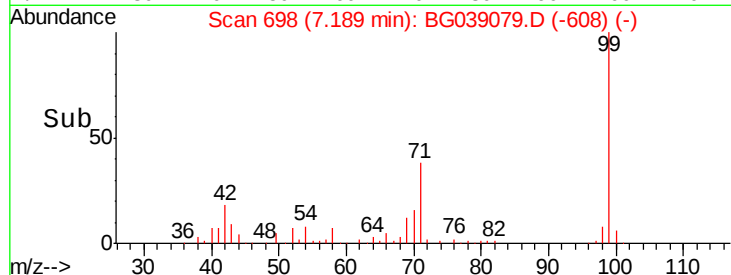
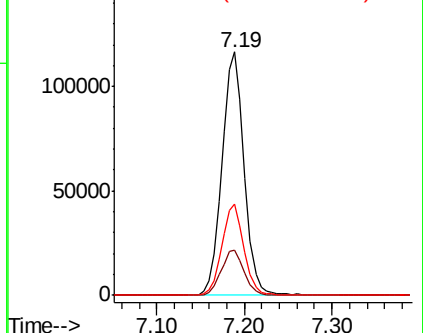
99 100

42 18.4 15.8 23.6

71 37.5 30.2 45.4



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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039079.D

Acq: 11 Jan 2019 8:23

Tgt Ion: 136 Resp: 89446

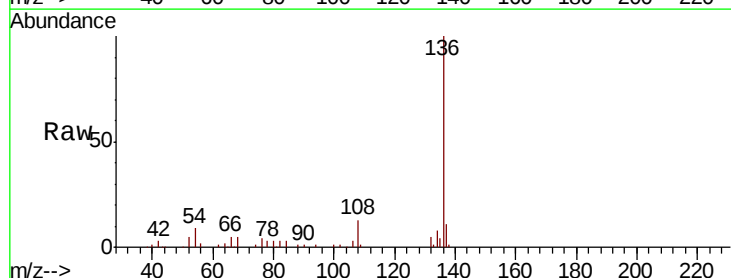
Ion Ratio Lower Upper

136 100

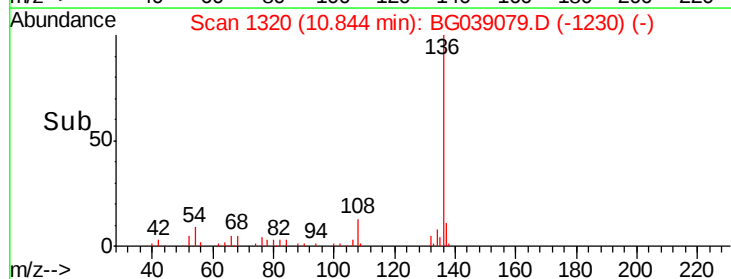
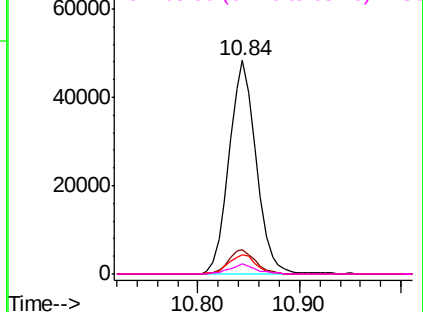
137 11.3 9.4 14.2

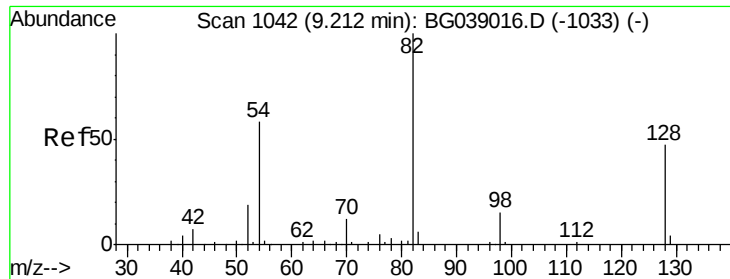
54 9.2 7.2 10.8

68 4.9 3.5 5.3



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

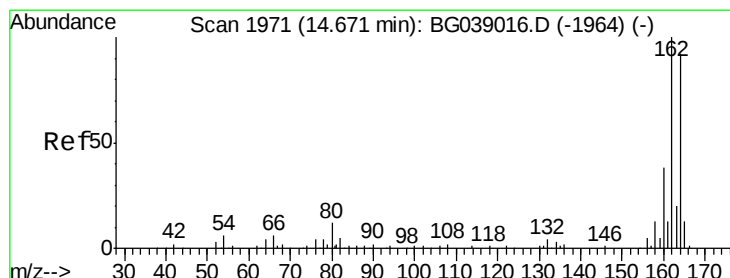
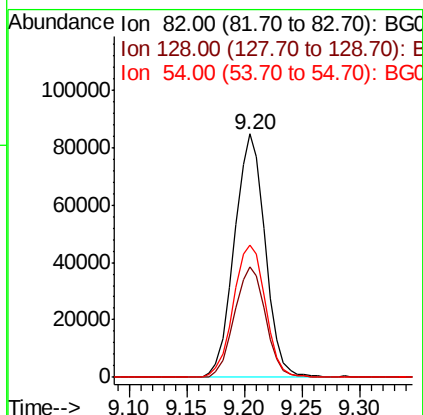
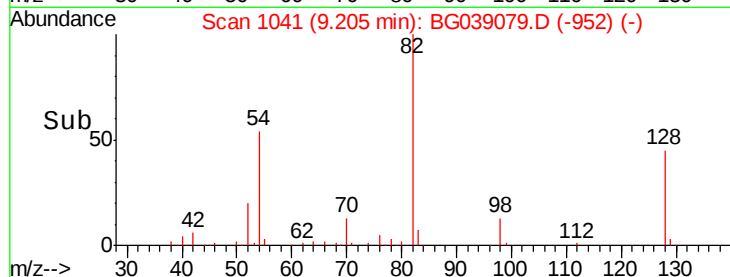
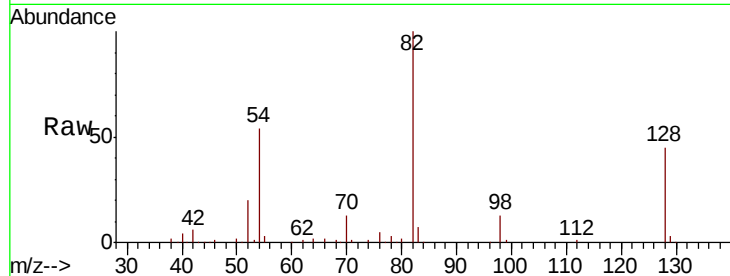




#23
 Nitrobenzene-d5
 Concen: 95.756 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039079.D
 Acq: 11 Jan 2019 8:23

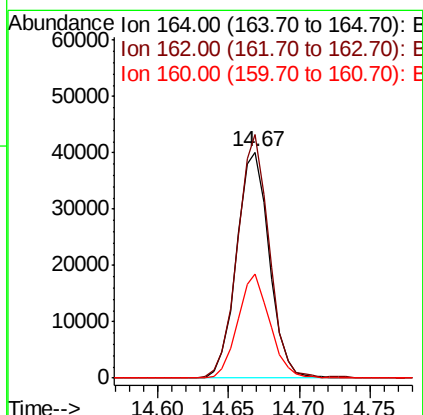
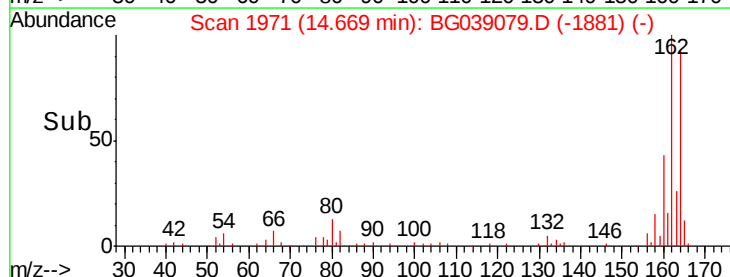
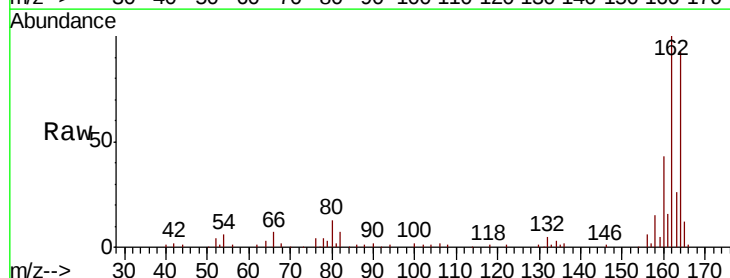
Instrument :
 BNA_G
 ClientSampleID :
 MH-444-C

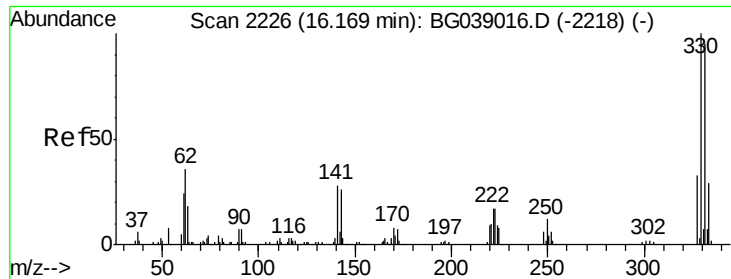
Tot Ion	82.00	Resp	156525
Ion Ratio	Lower	Upper	
82	100		
128	45.3	37.3	55.9
54	54.4	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039079.D
 Acq: 11 Jan 2019 8:23

Tgt Ion	164.00	Resp	64772
Ion Ratio	Lower	Upper	
164	100		
162	107.9	87.2	130.8
160	46.0	33.3	49.9

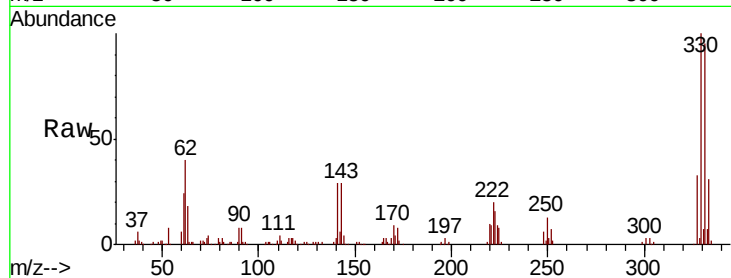




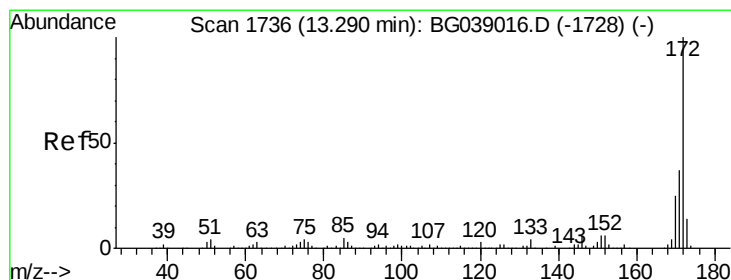
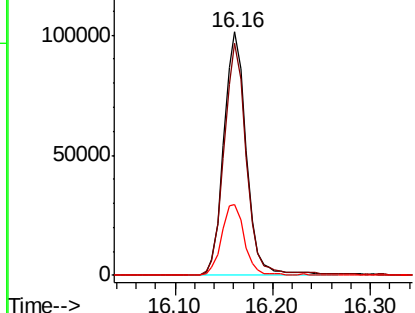
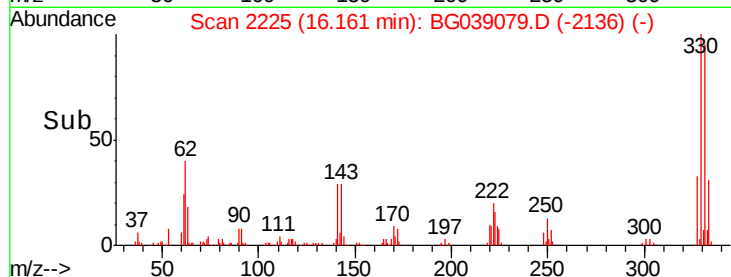
#42
 2,4,6-Tribromophenol
 Concen: 150.330 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039079.D
 Acq: 11 Jan 2019 8:23

Instrument :
 BNA_G
 ClientSampleId :
 MH-444-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	29.5	24.9	37.3

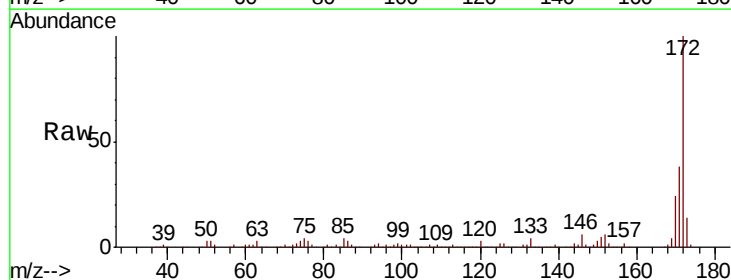


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

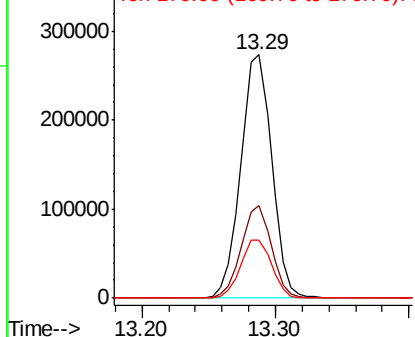
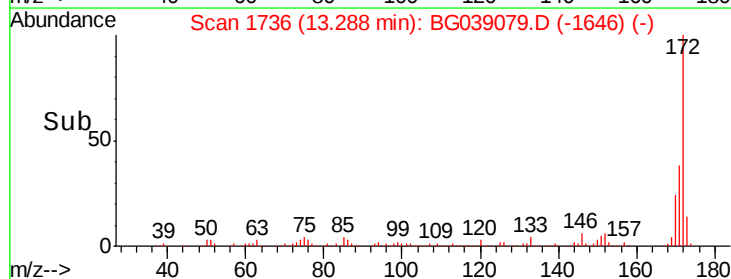


#45
 2-Fluorobiphenyl
 Concen: 92.931 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039079.D
 Acq: 11 Jan 2019 8:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.0
170	24.0	20.1	30.1



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

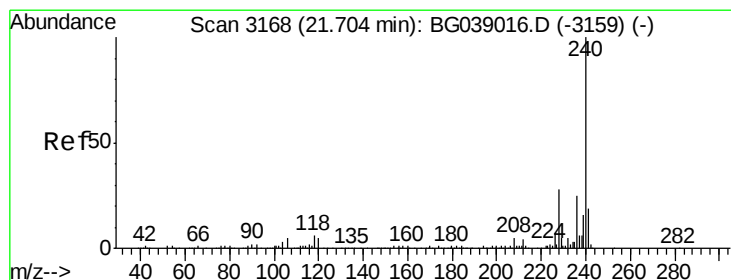
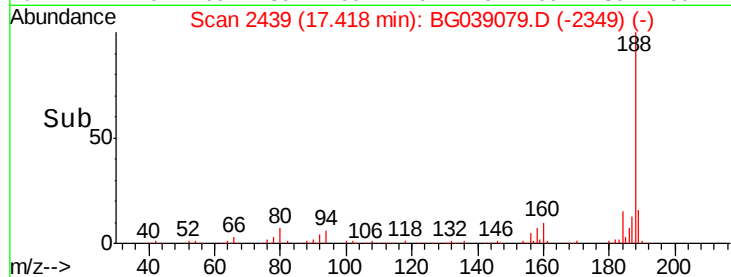
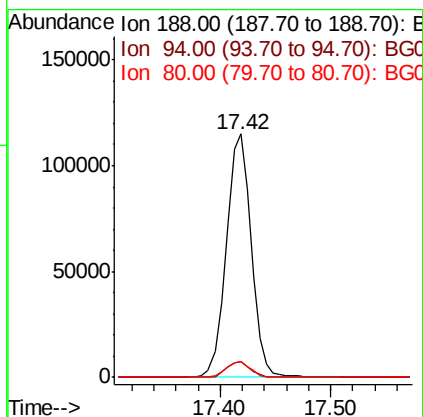
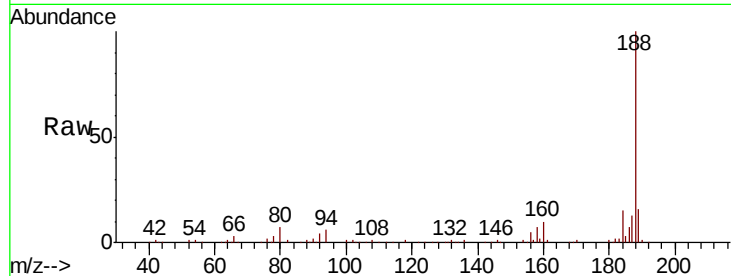




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039079.D
Acq: 11 Jan 2019 8:23

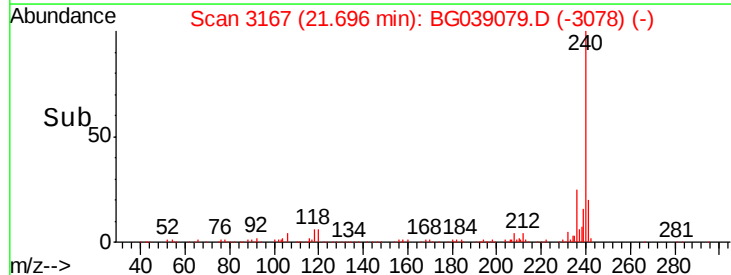
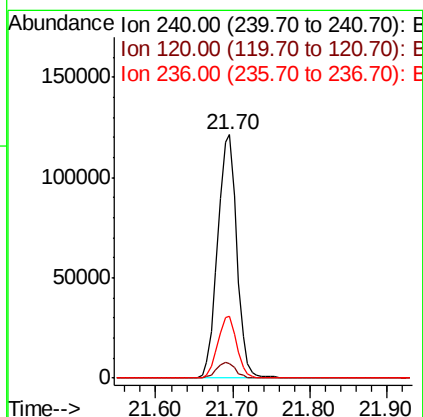
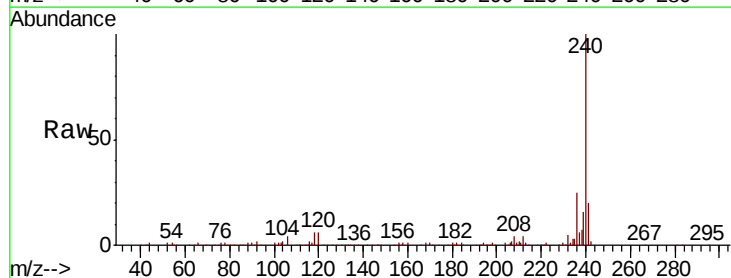
Instrument :
BNA_G
ClientSampleId :
MH-444-C

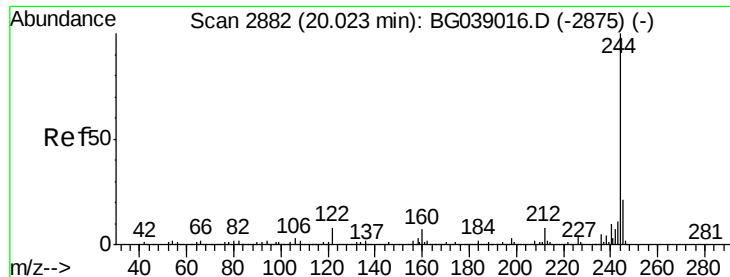
Tot Ion:188 Resp: 181997
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.4
80 6.6 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039079.D
Acq: 11 Jan 2019 8:23

Tgt Ion:240 Resp: 208751
Ion Ratio Lower Upper
240 100
120 6.2 4.3 6.5
236 25.3 20.1 30.1





#79

Terphenyl-d14

Concen: 85.114 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039079.D

Acq: 11 Jan 2019 8:23

Instrument :

BNA_G

ClientSampleId :

MH-444-C

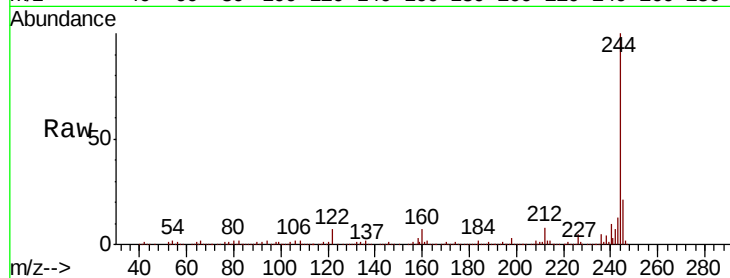
Tot Ion:244 Resp: 960463

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

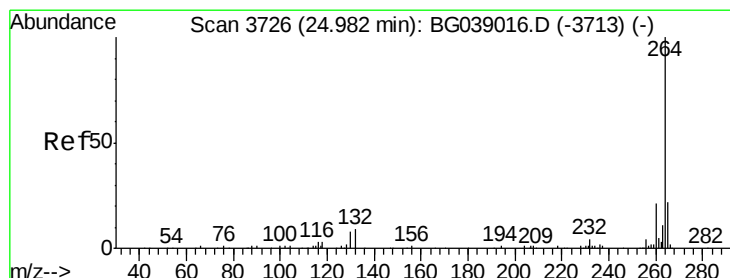
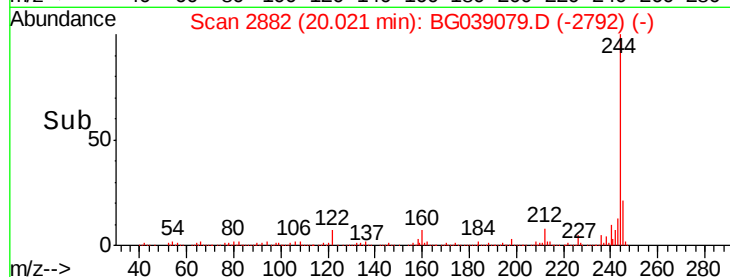
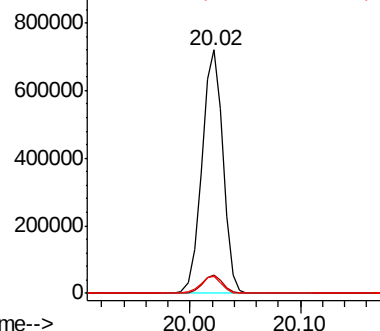
122 7.1 6.1 9.1



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: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039079.D

Acq: 11 Jan 2019 8:23

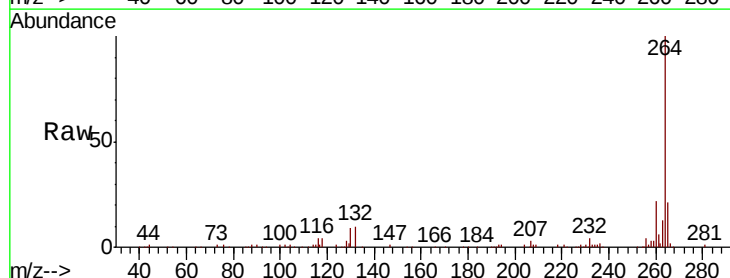
Tgt Ion:264 Resp: 217535

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.6

265 21.4 17.2 25.8



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

