

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039065.D
 Acq On : 10 Jan 2019 23:15
 Operator : JU/SJ
 Sample : K1087-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-445

Quant Time: Jan 11 05:51:28 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	8.03	152	19964	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	87786	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66646	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	177554	20.00	ng	0.00
76) Chrysene-d12	21.69	240	167766	20.00	ng	-0.01
87) Perylene-d12	24.97	264	181652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143743	136.58	ng	0.00
7) Phenol-d6	7.19	99	184775	122.00	ng	0.00
23) Nitrobenzene-d5	9.21	82	137225	85.54	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	156998	140.53	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	417696	85.77	ng	0.00
79) Terphenyl-d14	20.02	244	806458	88.93	ng	0.00

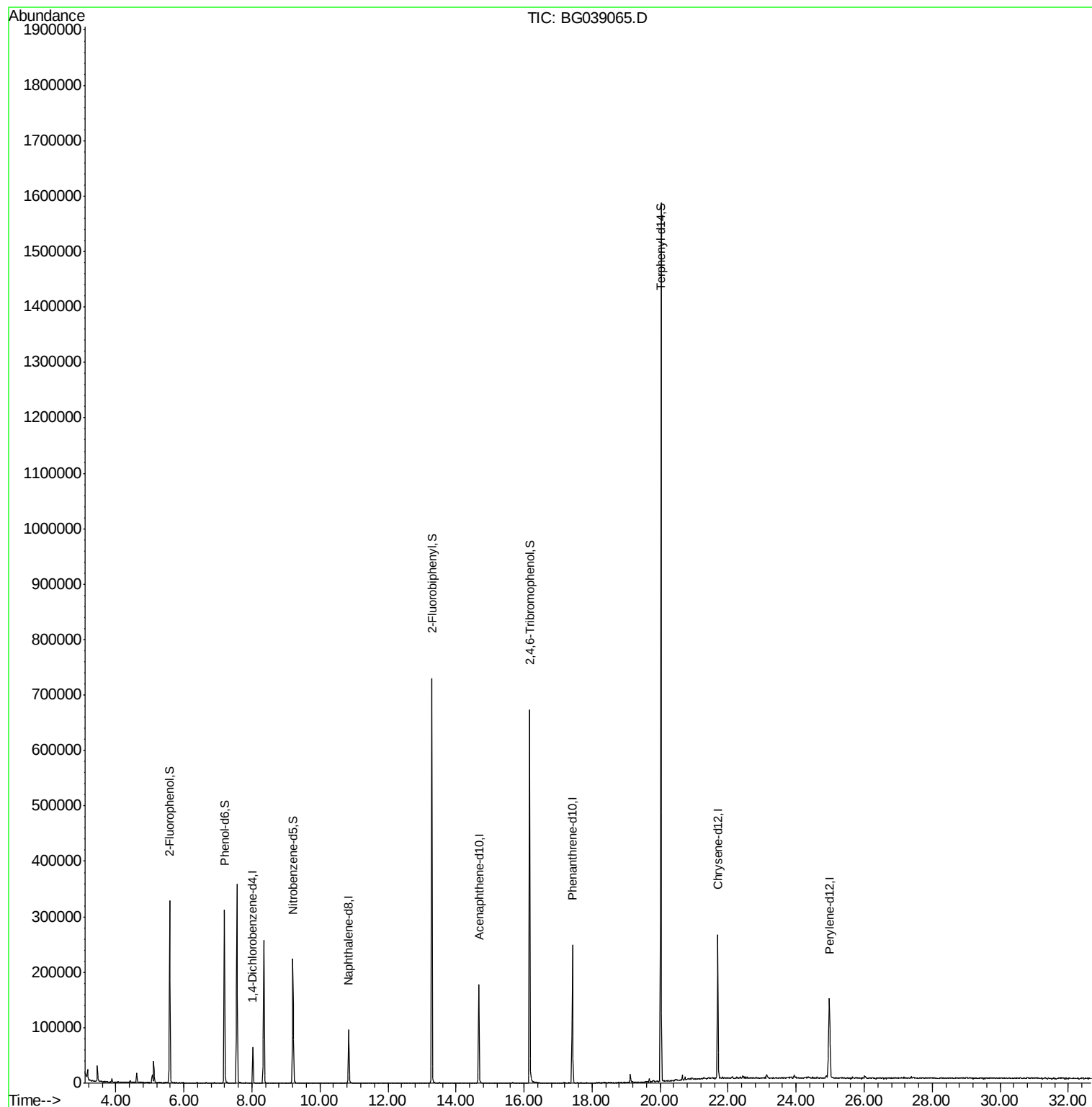
Target Compounds Qvalue

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

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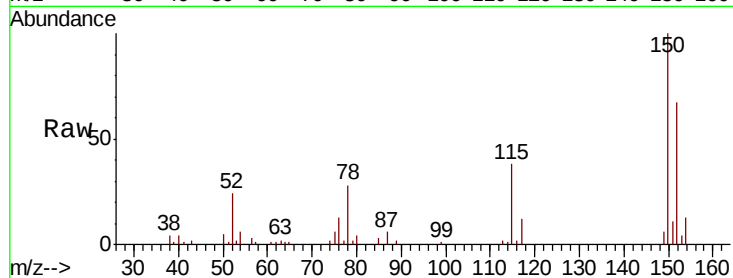


#1

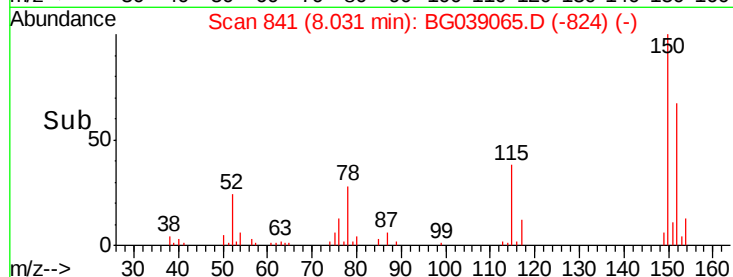
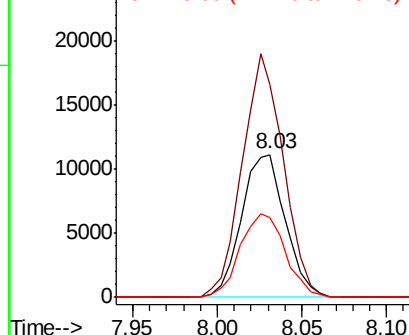
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039065.D
Acq: 10 Jan 2019 23:15

Instrument :
BNA_G
ClientSampled :
MH-445

Tot Ion:152 Resp: 19964
Ion Ratio Lower Upper
152 100
150 149.0 124.7 187.1
115 56.0 46.5 69.7



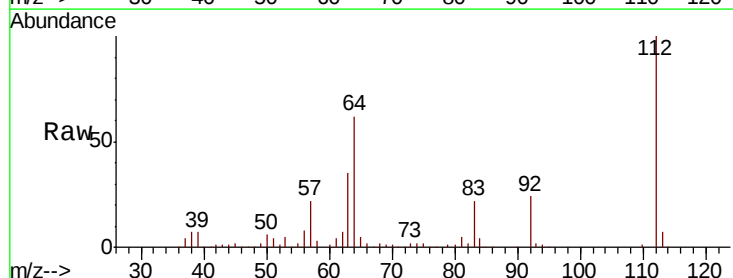
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



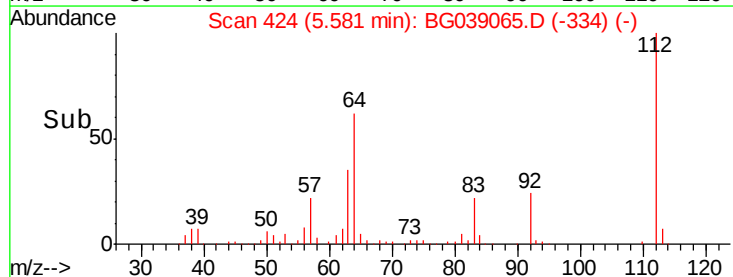
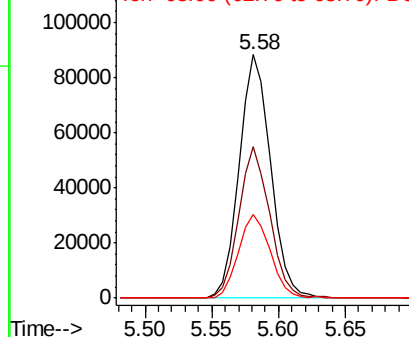
#5

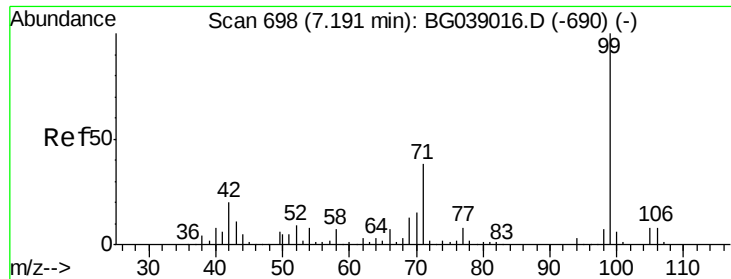
2-Fluorophenol
Concen: 136.585 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039065.D
Acq: 10 Jan 2019 23:15

Tgt Ion:112 Resp: 143743
Ion Ratio Lower Upper
112 100
64 62.1 47.0 70.6
63 34.6 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: 122.000 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039065.D

Acq: 10 Jan 2019 23:15

Instrument :

BNA_G

ClientSampled :

MH-445

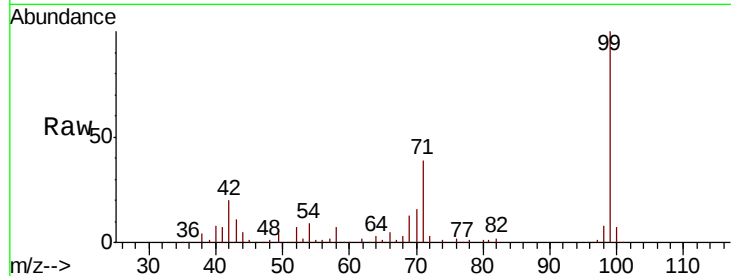
Tot Ion: 99 Resp: 184775

Ion Ratio Lower Upper

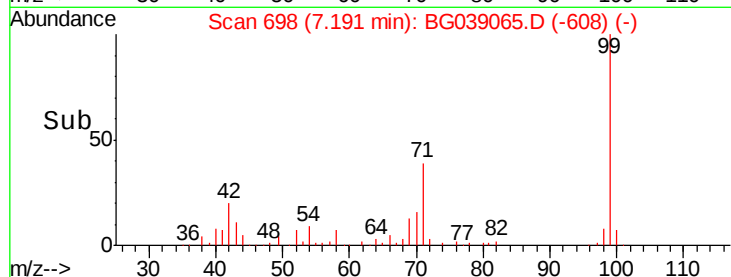
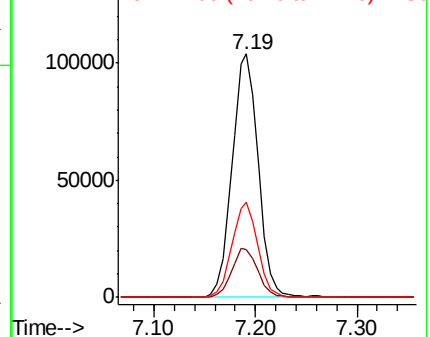
99 100

42 19.5 15.8 23.6

71 39.0 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: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039065.D

Acq: 10 Jan 2019 23:15

Tgt Ion:136 Resp: 87786

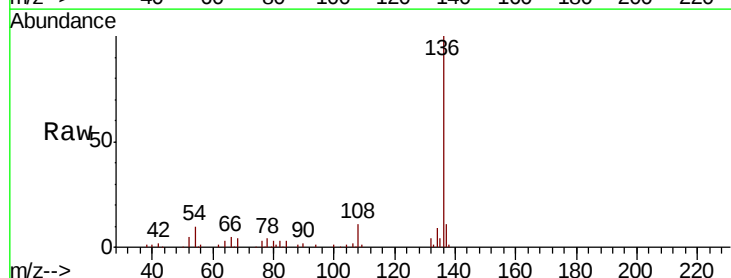
Ion Ratio Lower Upper

136 100

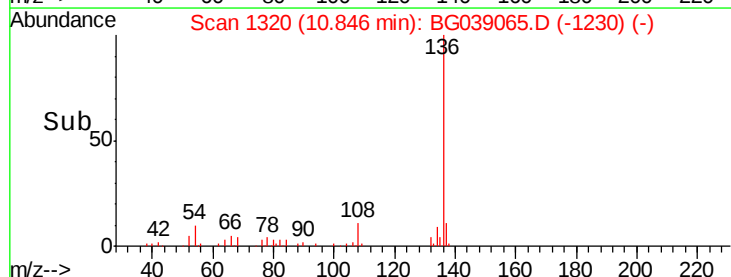
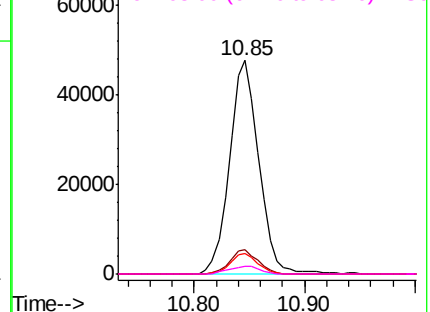
137 11.3 9.4 14.2

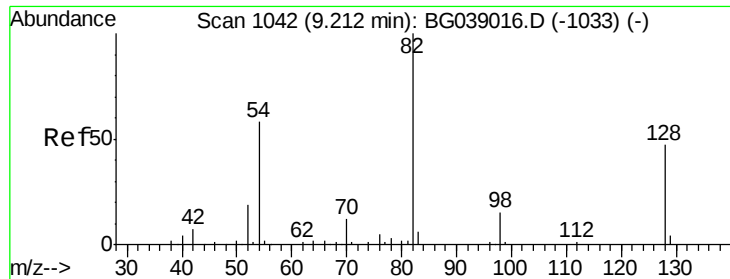
54 9.7 7.2 10.8

68 3.7 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

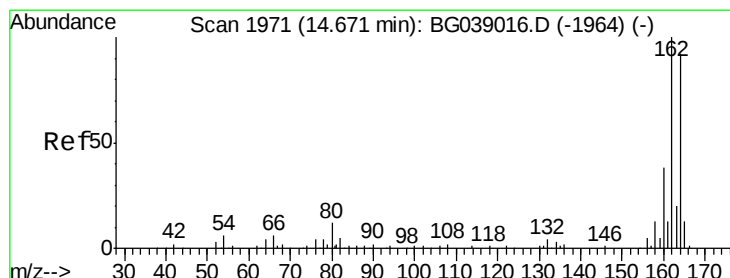
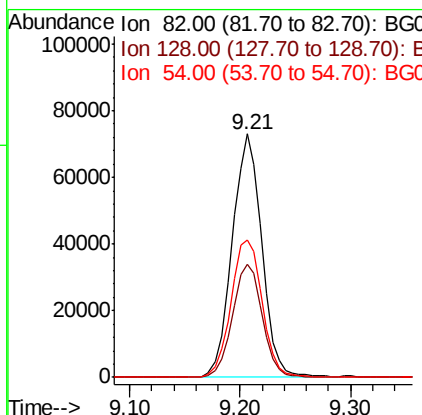
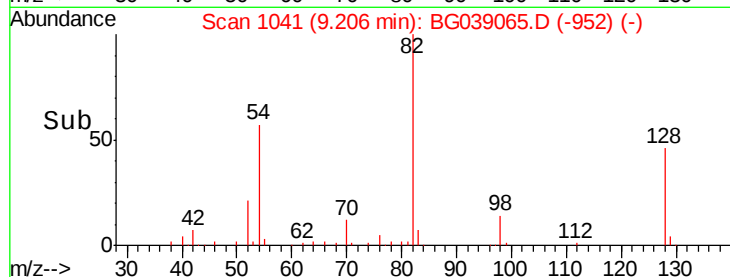
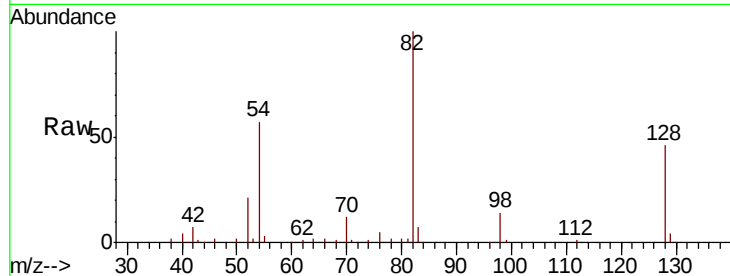




#23
 Nitrobenzene-d5
 Concen: 85.536 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039065.D
 Acq: 10 Jan 2019 23:15

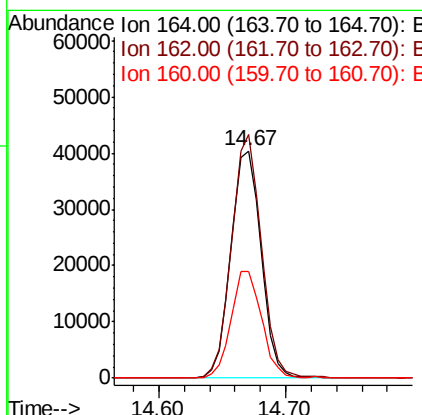
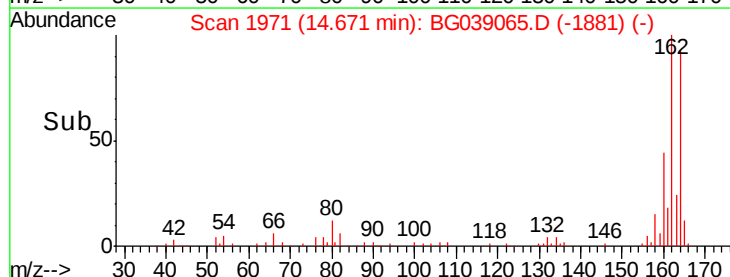
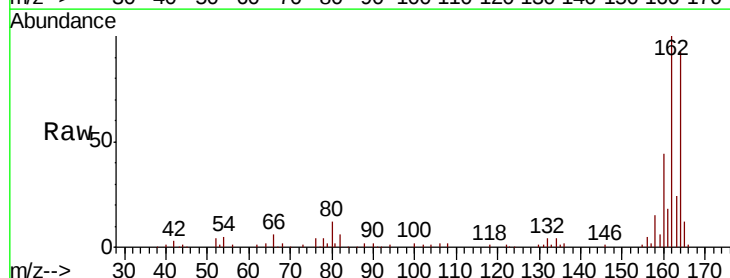
Instrument :
 BNA_G
 ClientSampleId :
 MH-445

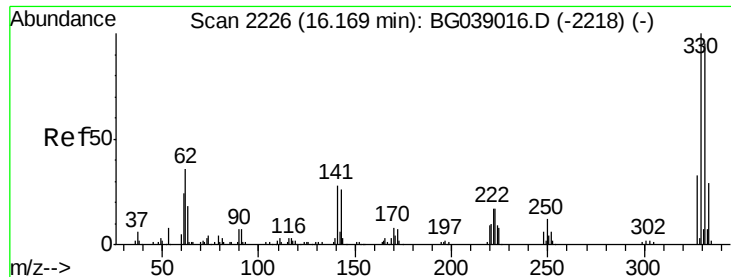
Tot Ion	82	Resp	137225
Ion Ratio	100	Lower	Upper
128	46.5	37.3	55.9
54	56.6	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039065.D
 Acq: 10 Jan 2019 23:15

Tgt Ion	164	Resp	66646
Ion Ratio	100	Lower	Upper
162	107.3	87.2	130.8
160	46.8	33.3	49.9

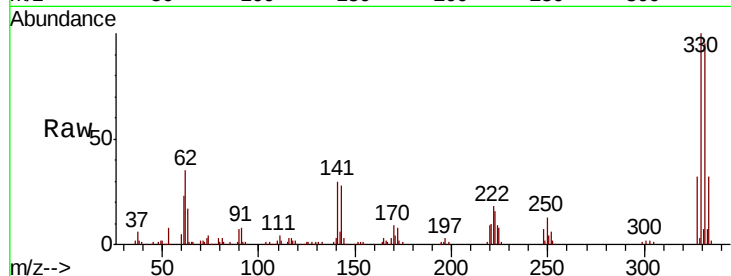




#42
 2,4,6-Tribromophenol
 Concen: 140.532 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039065.D
 Acq: 10 Jan 2019 23:15

Instrument :
 BNA_G
 ClientSampleId :
 MH-445

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	29.7	24.9	37.3

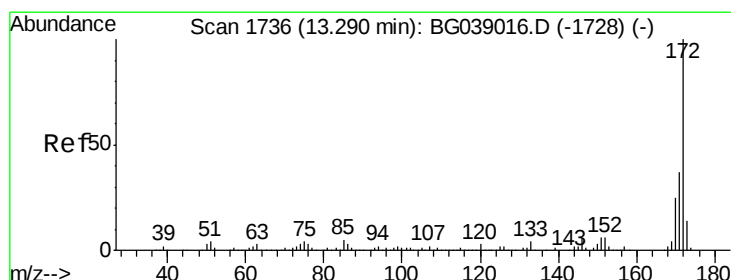
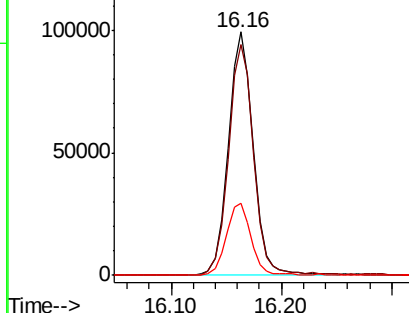
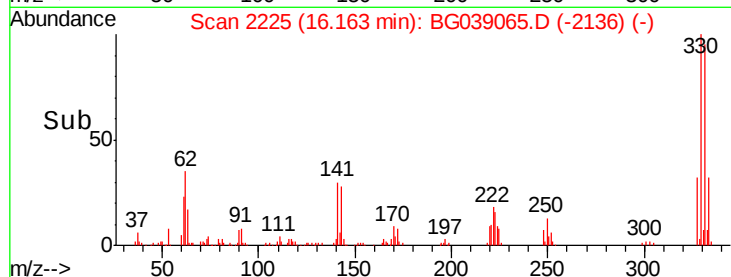


Abundance

Ion 329.80 (329.50 to 330.50): E

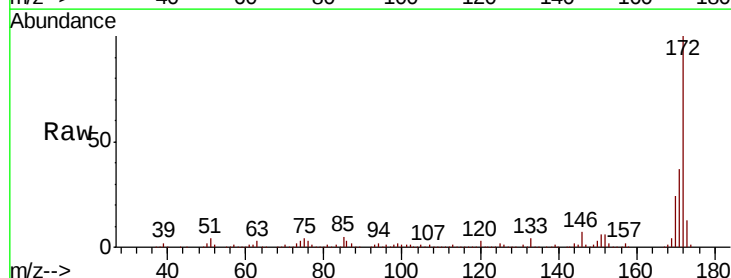
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.773 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039065.D
 Acq: 10 Jan 2019 23:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.2	20.1	30.1

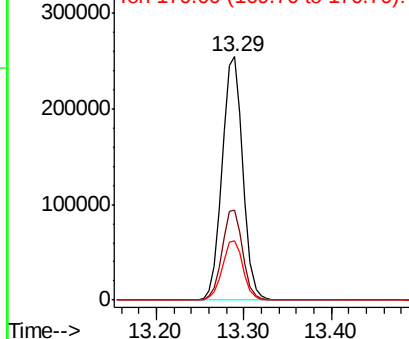
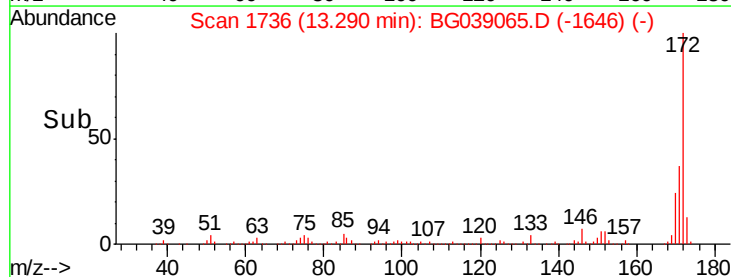


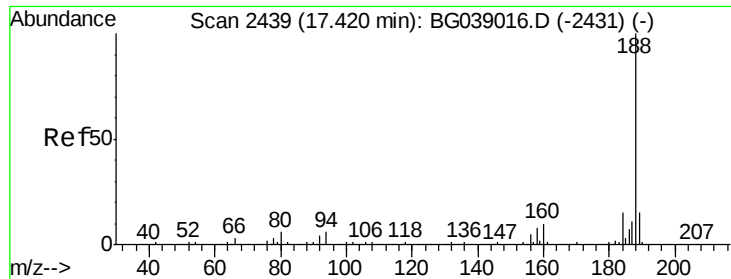
Abundance

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: BG039065.D

Acq: 10 Jan 2019 23:15

Instrument :

BNA_G

ClientSampleId :

MH-445

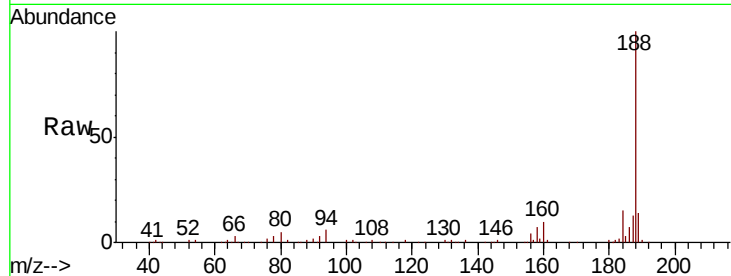
Tot Ion:188 Resp: 177554

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

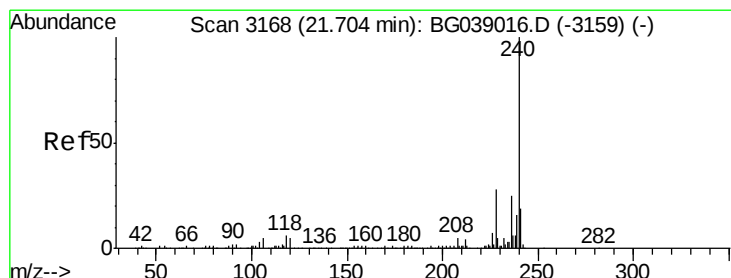
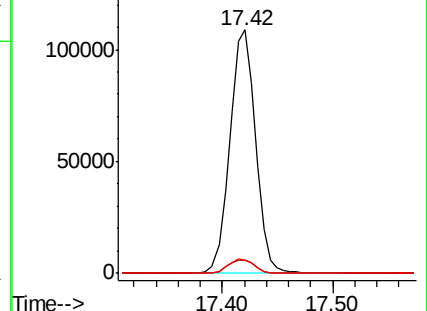
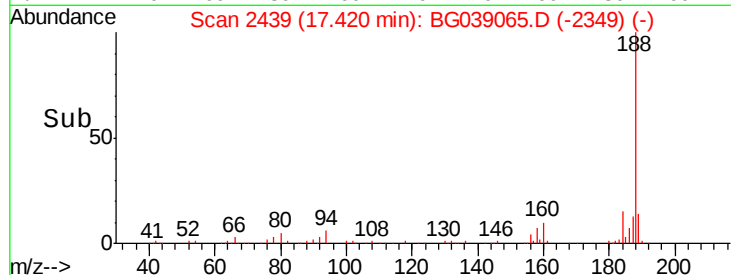
80 5.5 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039065.D

Acq: 10 Jan 2019 23:15

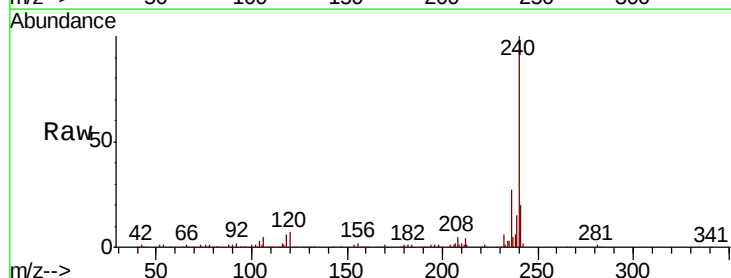
Tgt Ion:240 Resp: 167766

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

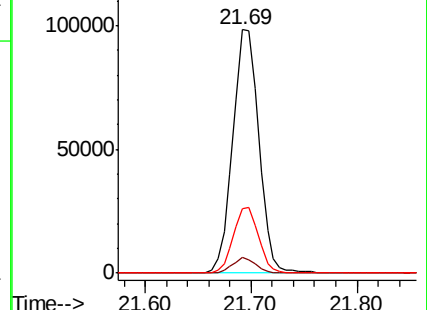
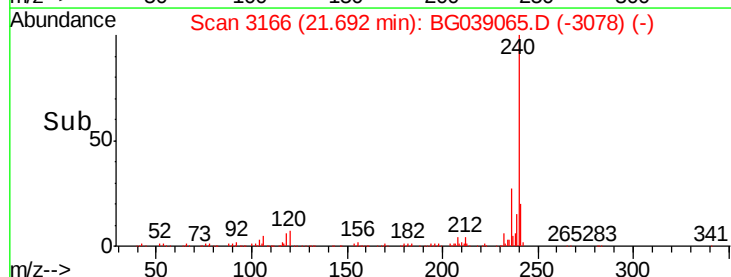
236 26.7 20.1 30.1

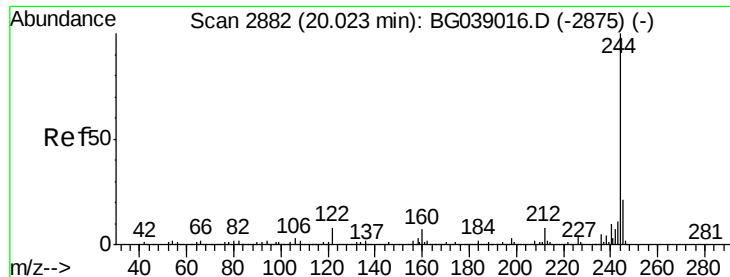


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.925 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039065.D

Acq: 10 Jan 2019 23:15

Instrument :

BNA_G

ClientSampleId :

MH-445

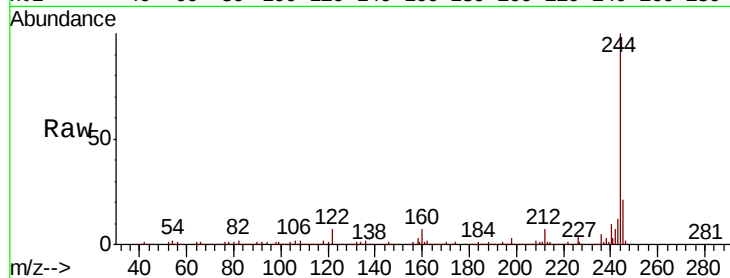
Tot Ion:244 Resp: 806458

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

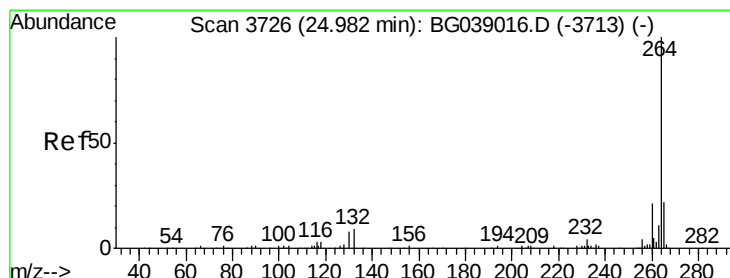
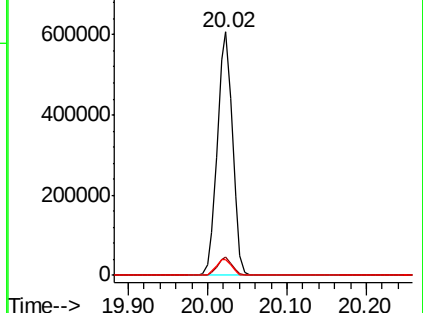
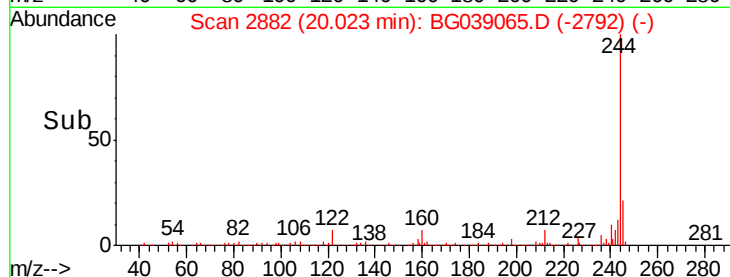
122 6.7 6.1 9.1



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: BG039065.D

Acq: 10 Jan 2019 23:15

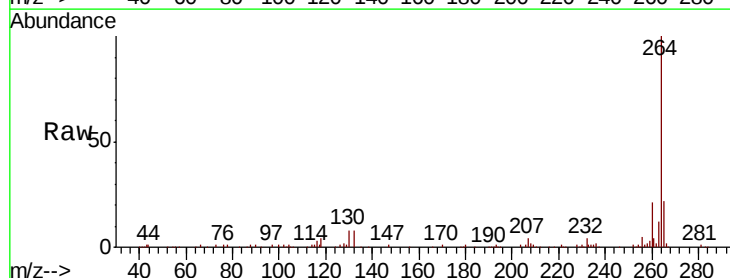
Tgt Ion:264 Resp: 181652

Ion Ratio Lower Upper

264 100

260 20.9 17.0 25.6

265 21.6 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

