

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
 Data File : BG039225.D
 Acq On : 18 Jan 2019 21:11
 Operator : JU/SJ
 Sample : K1178-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Quant Time: Jan 18 22:37:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13687	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	56645	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43618	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	114487	20.00	ng	0.00
76) Chrysene-d12	21.67	240	112678	20.00	ng	0.00
87) Perylene-d12	24.93	264	123166	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	43281	59.99	ng	0.00
7) Phenol-d6	7.17	99	37004	35.64	ng	0.00
23) Nitrobenzene-d5	9.19	82	87281	84.31	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	95266	130.29	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	265300	83.24	ng	0.00
79) Terphenyl-d14	20.00	244	508748	83.52	ng	0.00

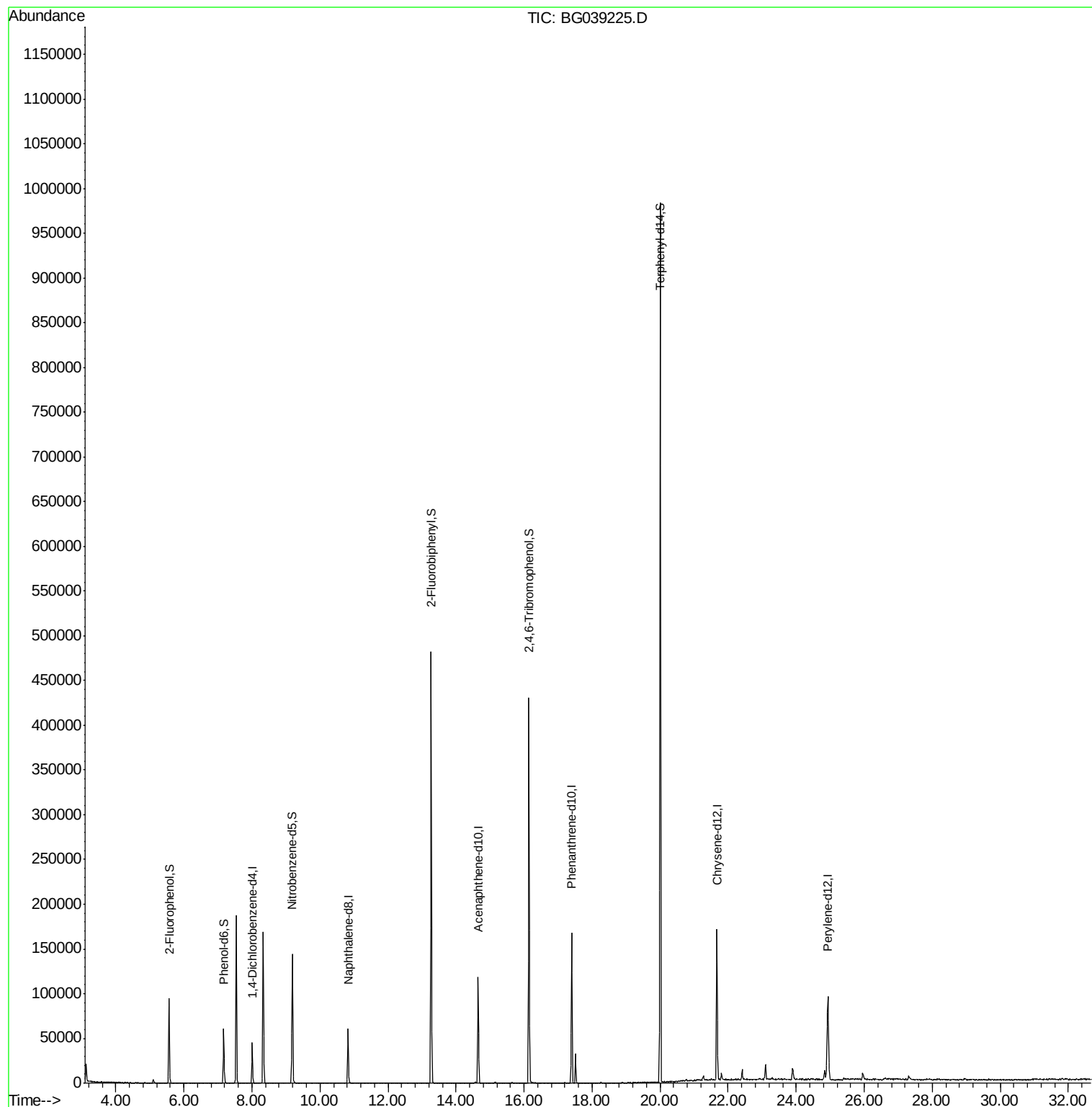
Target Compounds Qvalue

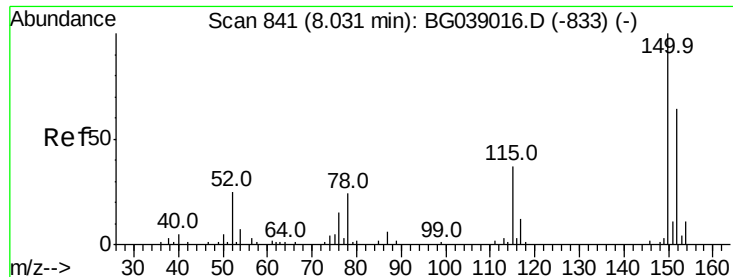
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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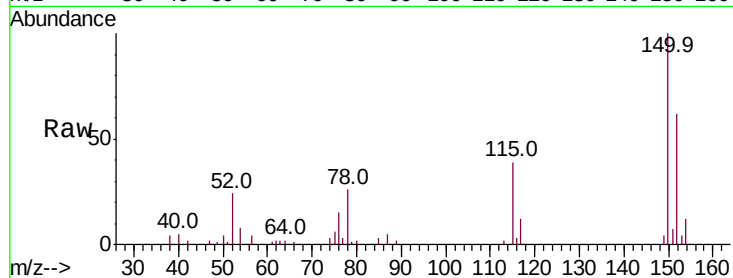


#1

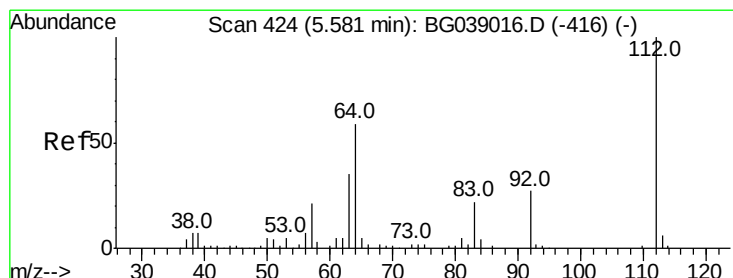
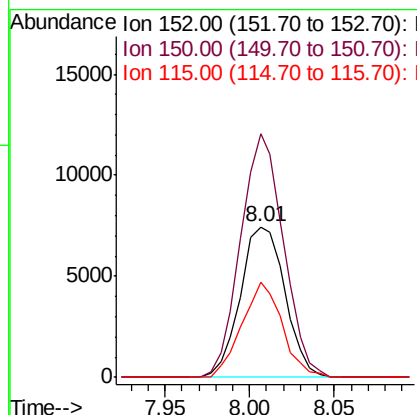
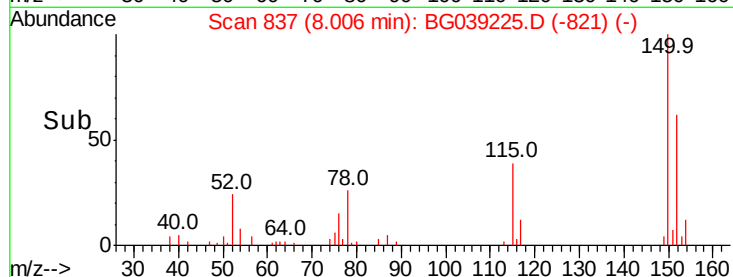
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG039225.D
 Acq: 18 Jan 2019 21:11

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.7	187.1
115	63.3	46.5	69.7



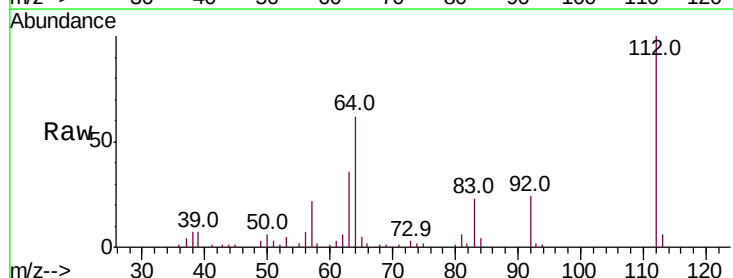
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



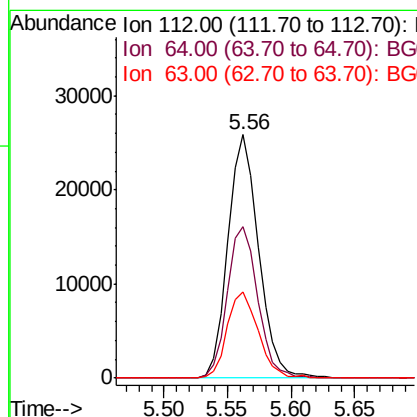
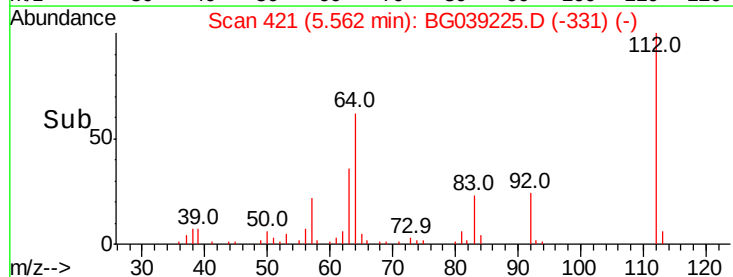
#5

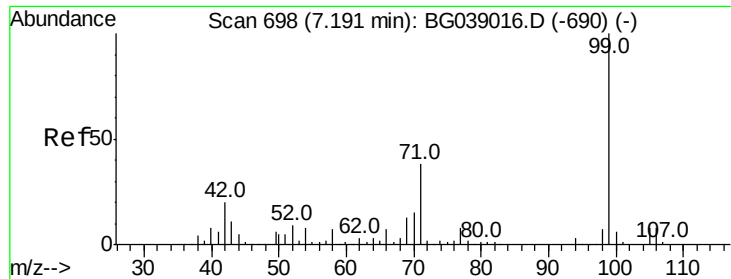
2-Fluorophenol
 Concen: 59.986 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG039225.D
 Acq: 18 Jan 2019 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.0	70.6
63	35.5	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: 35.637 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039225.D

Acq: 18 Jan 2019 21:11

Instrument :

BNA_G

ClientSampled :

MW-08

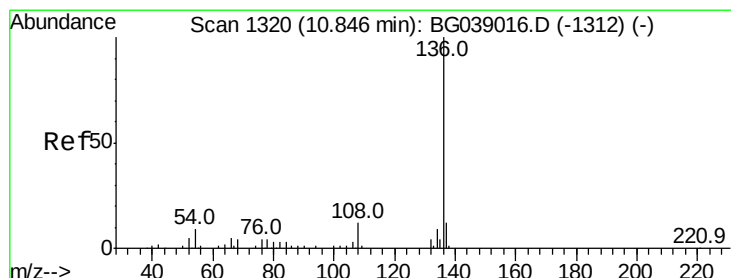
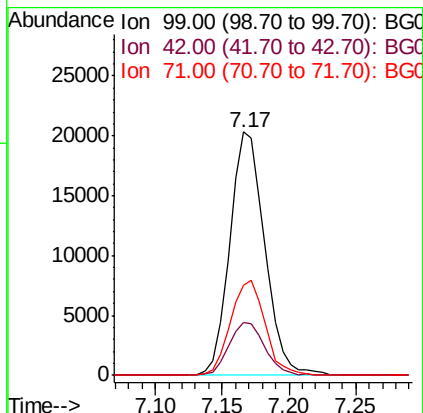
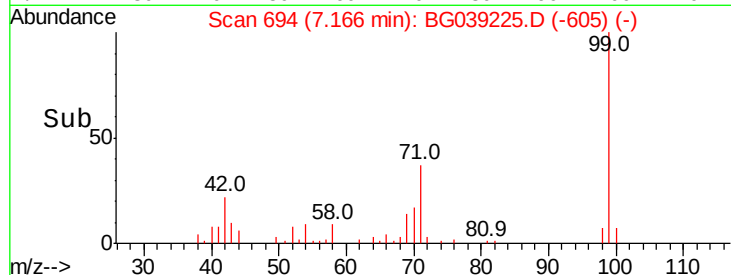
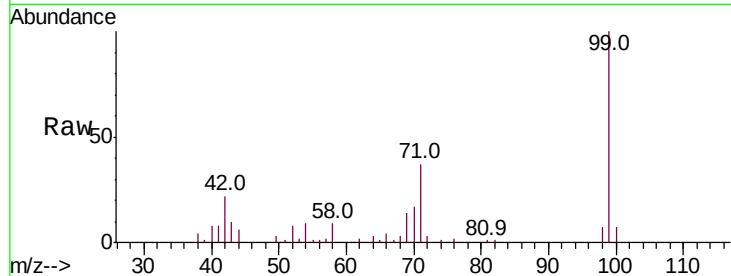
Tot Ion: 99 Resp: 37004

Ion Ratio Lower Upper

99 100

42 21.6 15.8 23.6

71 37.2 30.2 45.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG039225.D

Acq: 18 Jan 2019 21:11

Tgt Ion: 136 Resp: 56645

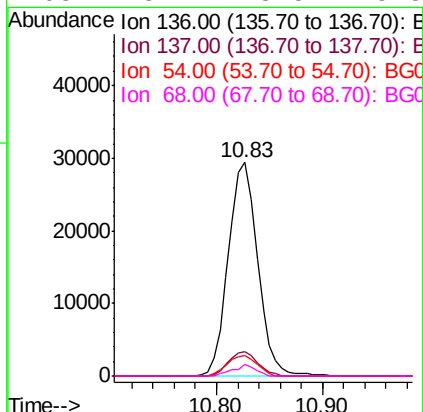
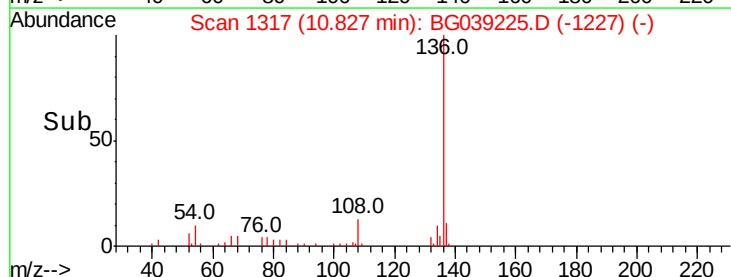
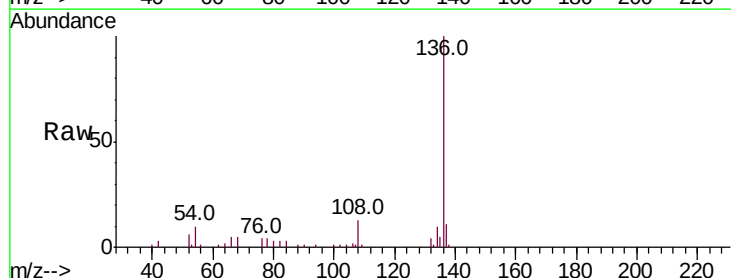
Ion Ratio Lower Upper

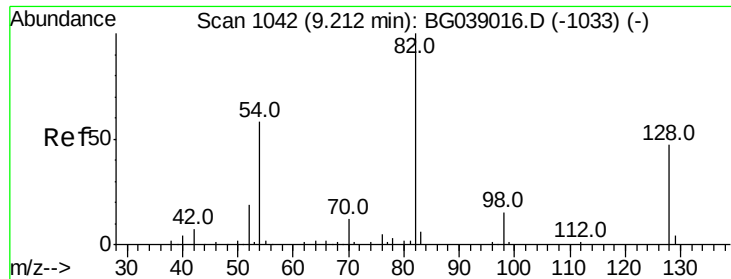
136 100

137 11.5 9.4 14.2

54 9.5 7.2 10.8

68 5.2 3.5 5.3

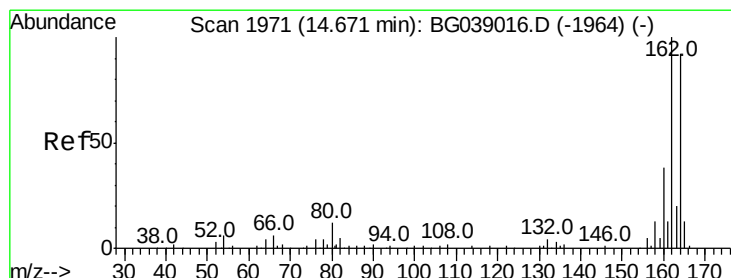
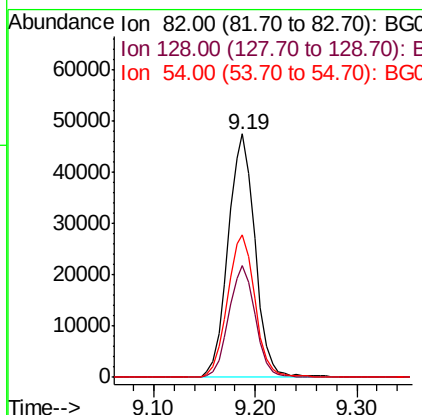
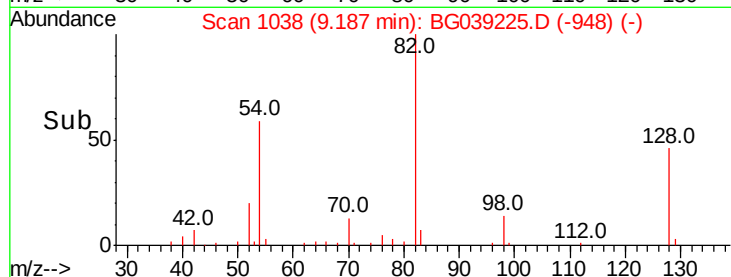
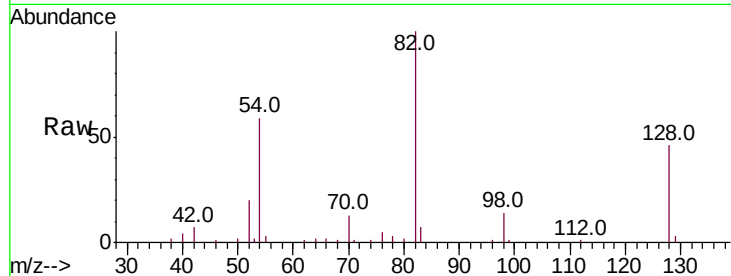




#23
 Nitrobenzene-d5
 Concen: 84.314 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039225.D
 Acq: 18 Jan 2019 21:11

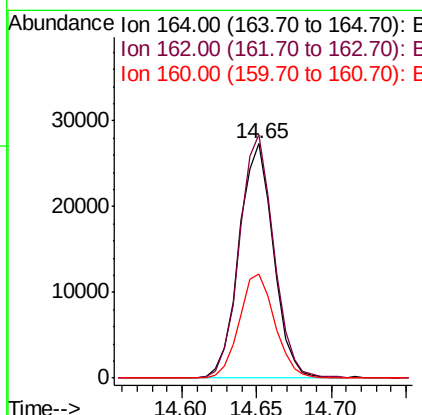
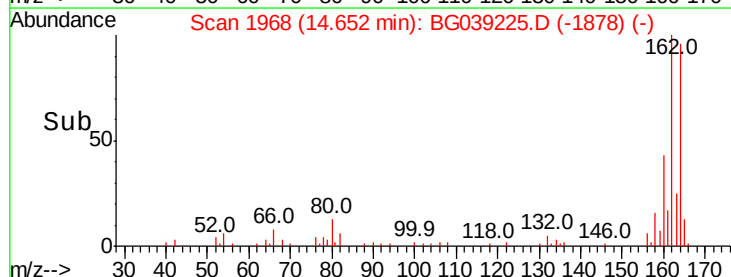
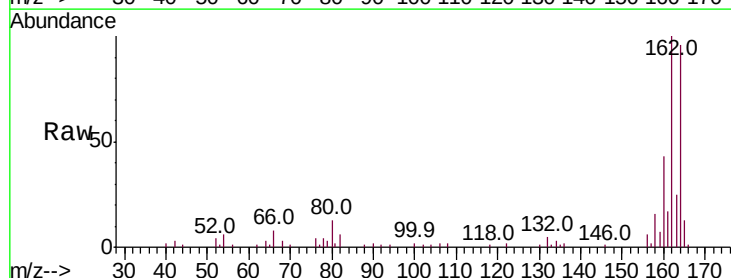
Instrument :
 BNA_G
 ClientSampleID :
 MW-08

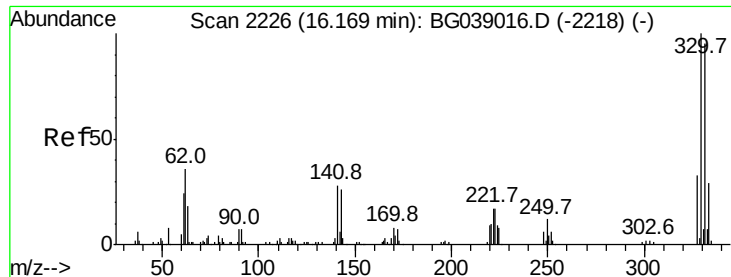
Tot Ion: 82 Resp: 87281
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.3 55.9
 54 58.6 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG039225.D
 Acq: 18 Jan 2019 21:11

Tgt Ion:164 Resp: 43618
 Ion Ratio Lower Upper
 164 100
 162 103.8 87.2 130.8
 160 44.6 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 130.295 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039225.D

Acq: 18 Jan 2019 21:11

Instrument :

BNA_G

ClientSampleId :

MW-08

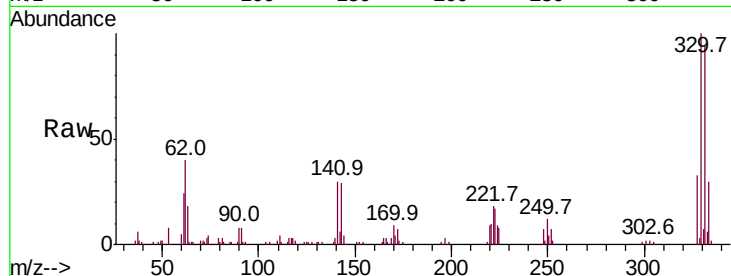
Tot Ion:330 Resp: 95266

Ion Ratio Lower Upper

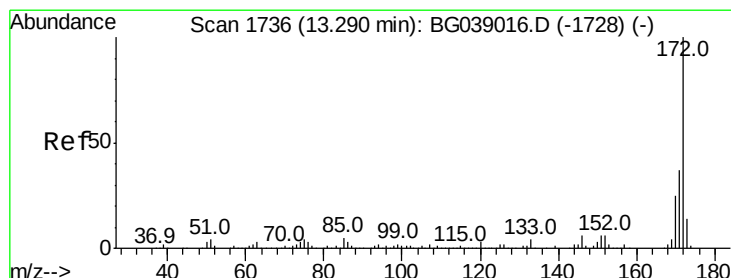
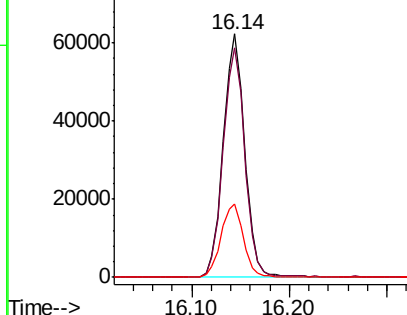
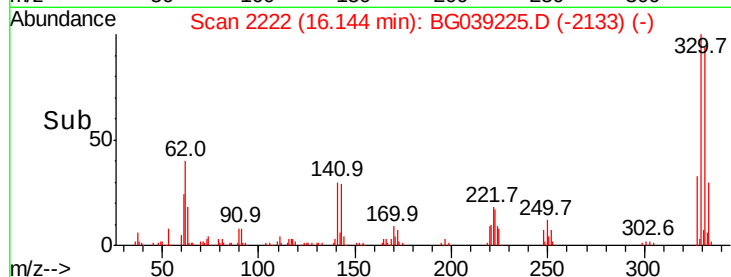
330 100

332 95.1 75.7 113.5

141 31.1 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: 83.241 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG039225.D

Acq: 18 Jan 2019 21:11

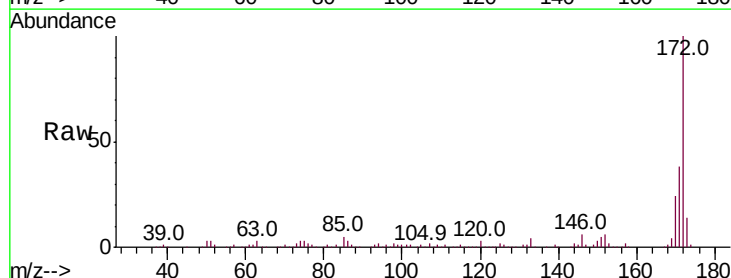
Tgt Ion:172 Resp: 265300

Ion Ratio Lower Upper

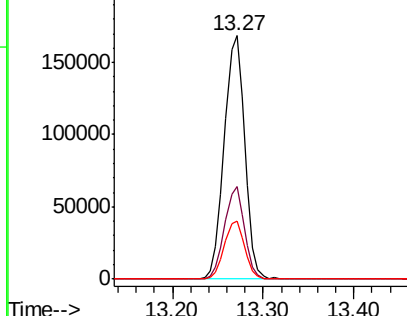
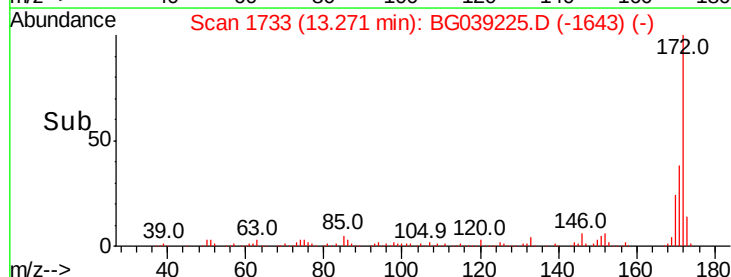
172 100

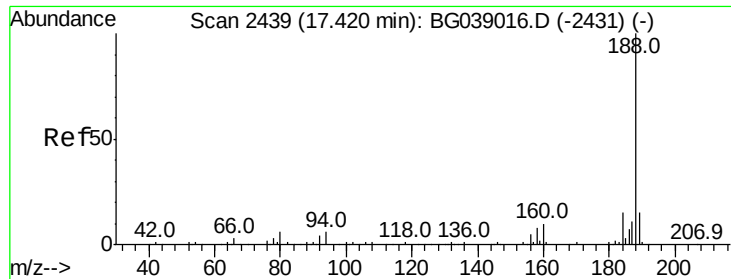
171 37.9 29.4 44.0

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

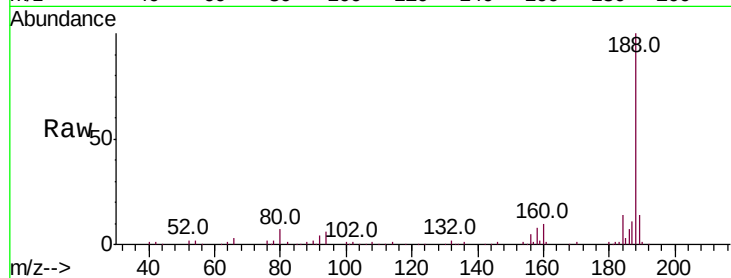




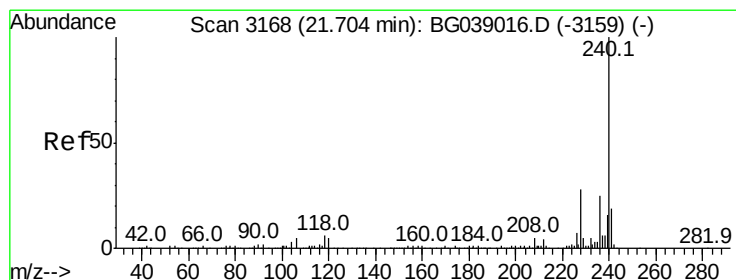
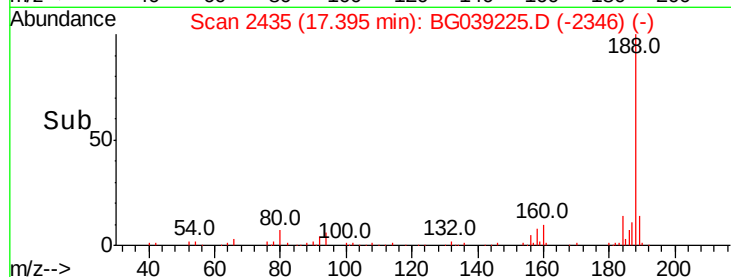
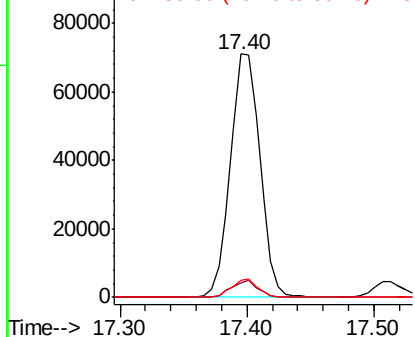
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039225.D
Acq: 18 Jan 2019 21:11

Instrument :
BNA_G
ClientSampleId :
MW-08

Tot Ion:188 Resp: 114487
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.4
80 6.8 4.7 7.1

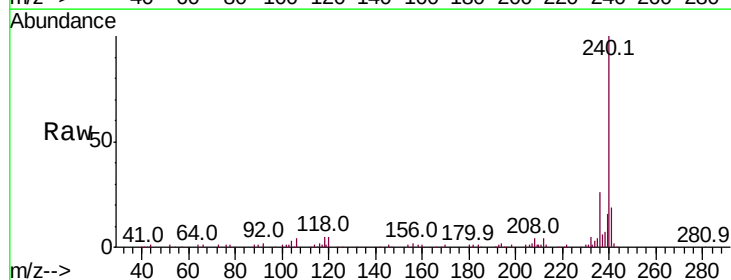


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

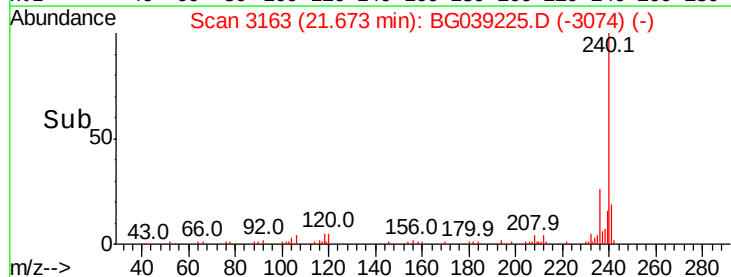
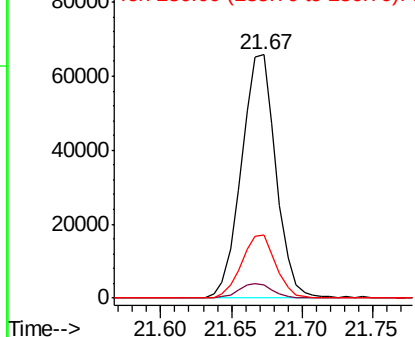


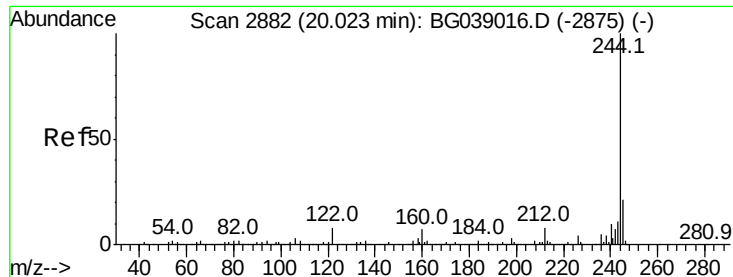
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG039225.D
Acq: 18 Jan 2019 21:11

Tgt Ion:240 Resp: 112678
Ion Ratio Lower Upper
240 100
120 5.3 4.3 6.5
236 25.9 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: 83.524 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039225.D

Acq: 18 Jan 2019 21:11

Instrument :

BNA_G

ClientSampleId :

MW-08

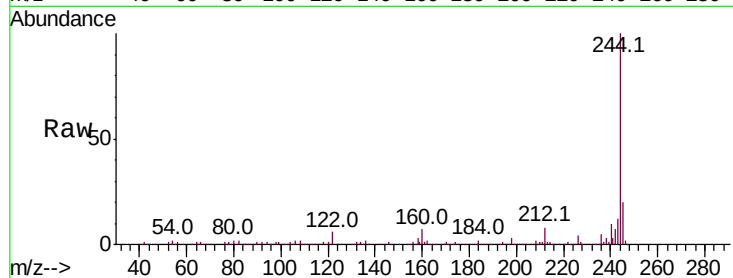
Tot Ion:244 Resp: 508748

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

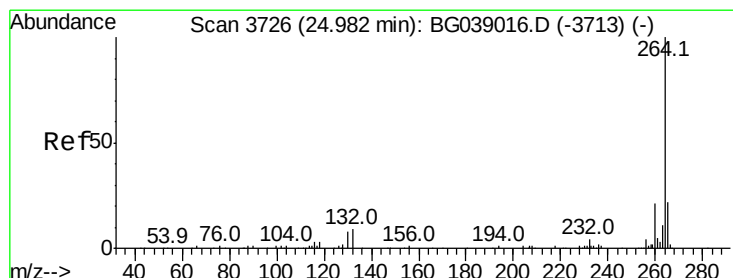
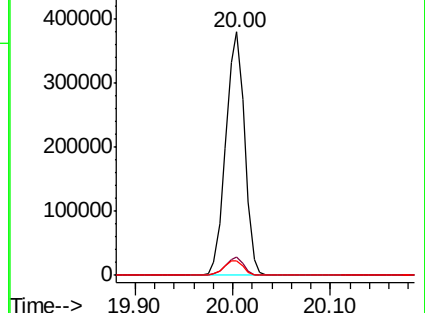
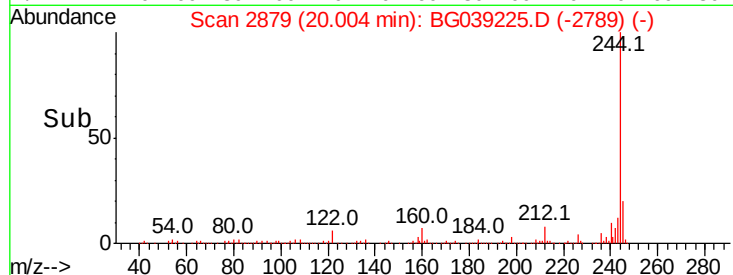
122 6.1 6.1 9.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039225.D

Acq: 18 Jan 2019 21:11

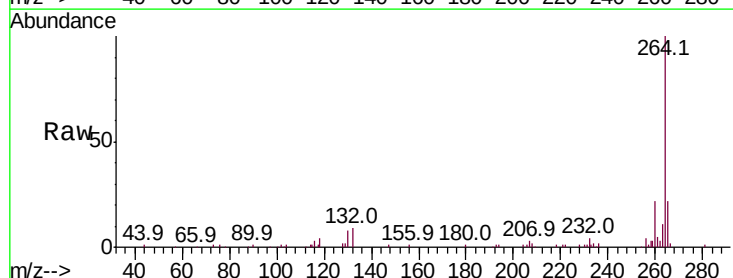
Tgt Ion:264 Resp: 123166

Ion Ratio Lower Upper

264 100

260 21.6 17.0 25.6

265 21.5 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

