

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
 Data File : BG039145.D
 Acq On : 15 Jan 2019 23:47
 Operator : JU/SJ
 Sample : K1135-05RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-5RE

Quant Time: Jan 16 01:11:24 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	2173	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	14654	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	24922	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	121812	20.00	ng	0.00
76) Chrysene-d12	21.69	240	185760	20.00	ng	-0.01
87) Perylene-d12	24.96	264	200022	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	8743	76.32	ng	0.00
7) Phenol-d6	7.19	99	13568	82.30	ng	0.00
23) Nitrobenzene-d5	9.20	82	20382	76.11	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	108063	258.67	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	97757	53.68	ng	0.00
79) Terphenyl-d14	20.02	244	821229	81.78	ng	0.00

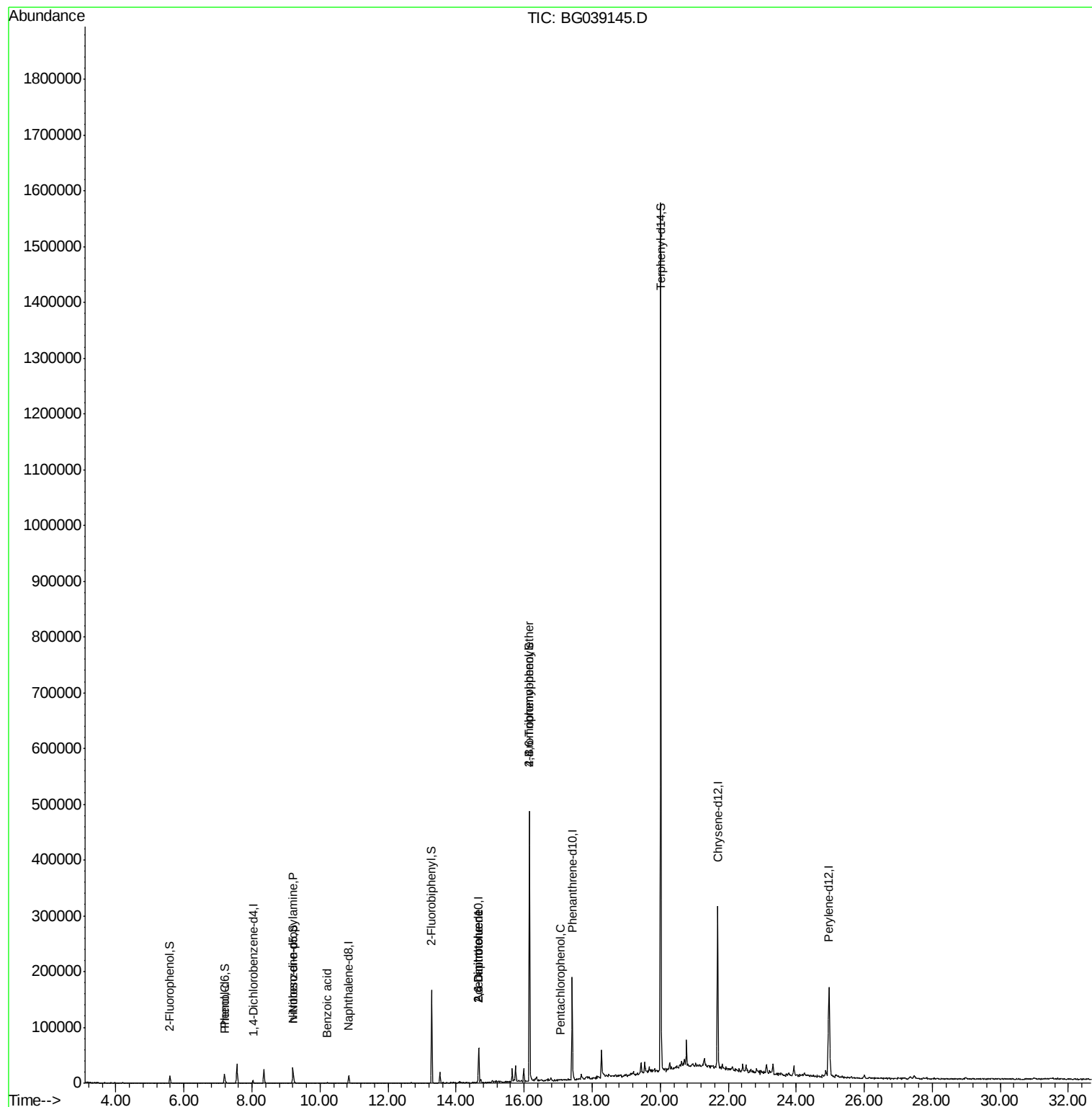
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.21	94	344	2.081	ng	# 15
19) n-Nitroso-di-n-propylamine	9.20	70	2482	22.927	ng	# 61
32) Benzoic acid	10.21	122	61	9.834	ng	# 39
51) 2,6-Dinitrotoluene	14.66	165	3230	6.860	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	3230	4.781	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	6952	4.440	ng	# 1
70) Pentachlorophenol	17.08	266	285	6.049	ng	# 54

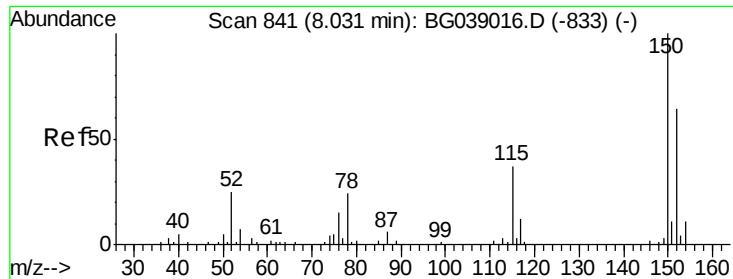
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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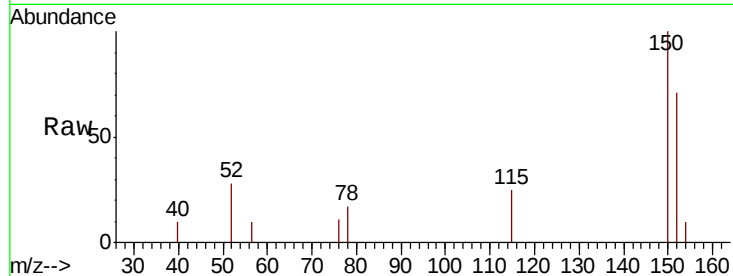


#1

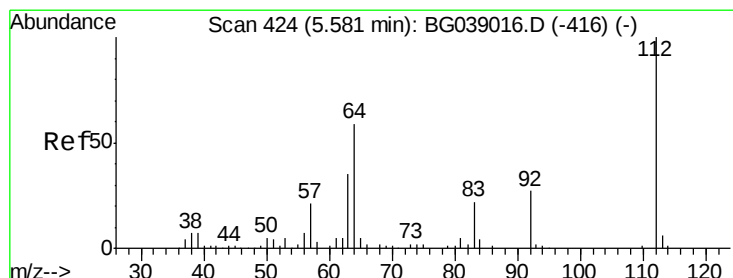
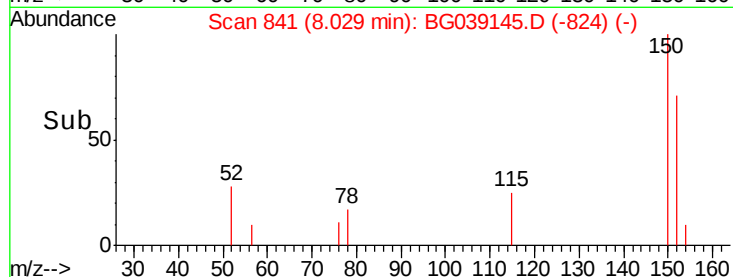
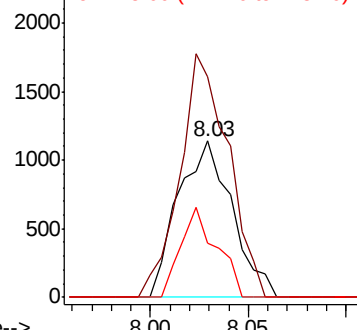
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039145.D
Acq: 15 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
CPGP-5RE

Tgt Ion:152 Resp: 2173
Ion Ratio Lower Upper
152 100
150 141.5 124.7 187.1
115 34.8 46.5 69.7#



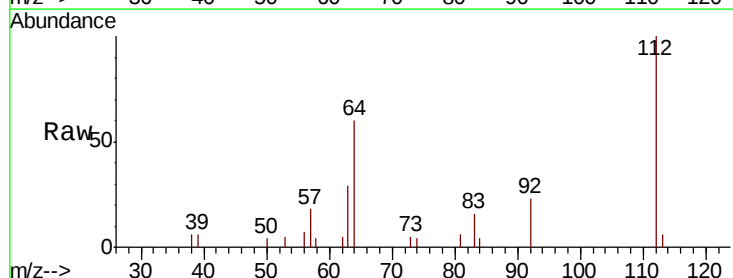
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



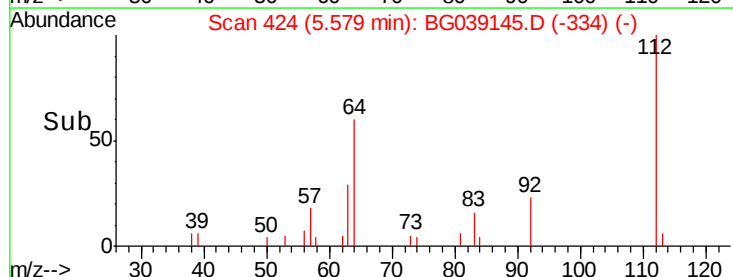
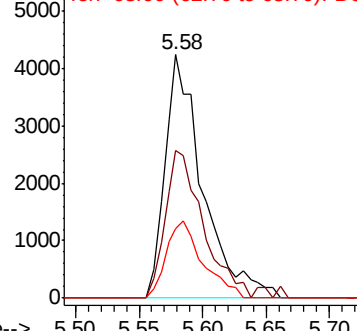
#5

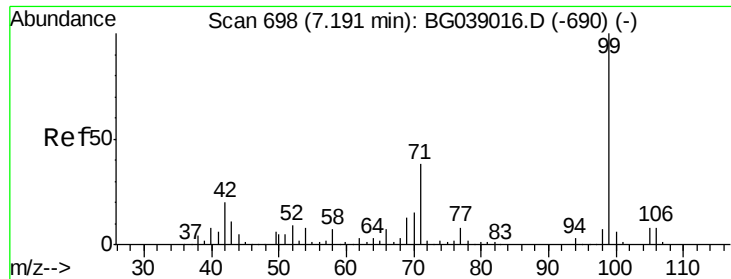
2-Fluorophenol
Concen: 76.325 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039145.D
Acq: 15 Jan 2019 23:47

Tgt Ion:112 Resp: 8743
Ion Ratio Lower Upper
112 100
64 60.5 47.0 70.6
63 28.6 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: 82.304 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039145.D

Acq: 15 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

CPGP-5RE

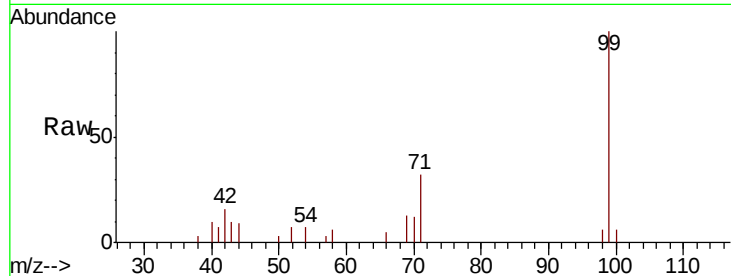
Tgt Ion: 99 Resp: 13568

Ion Ratio Lower Upper

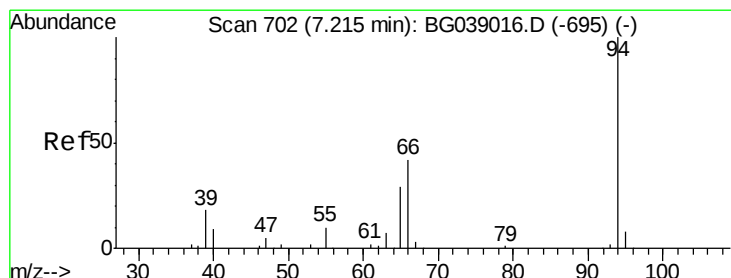
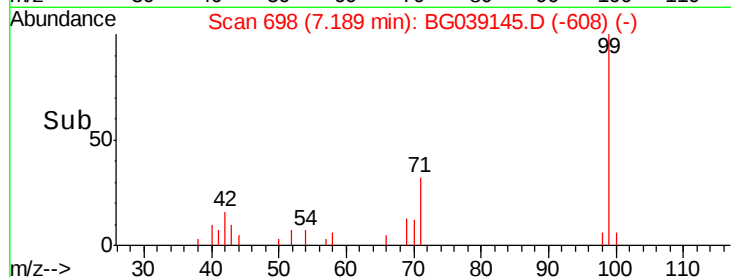
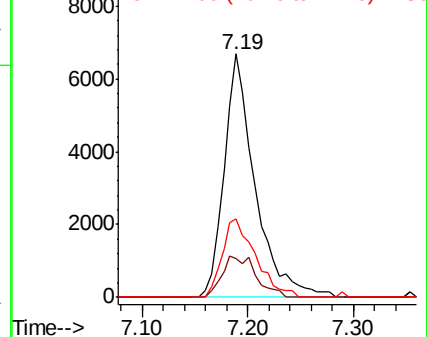
99 100

42 15.9 15.8 23.6

71 32.3 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



#10

Phenol

Concen: 2.081 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039145.D

Acq: 15 Jan 2019 23:47

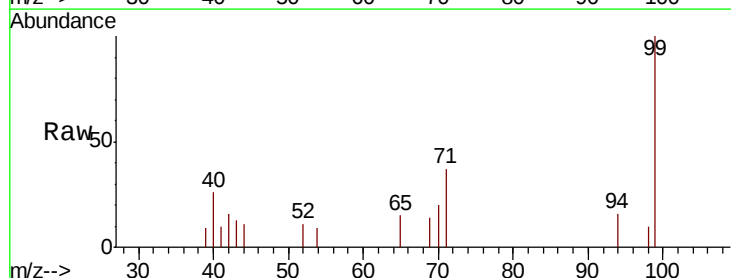
Tgt Ion: 94 Resp: 344

Ion Ratio Lower Upper

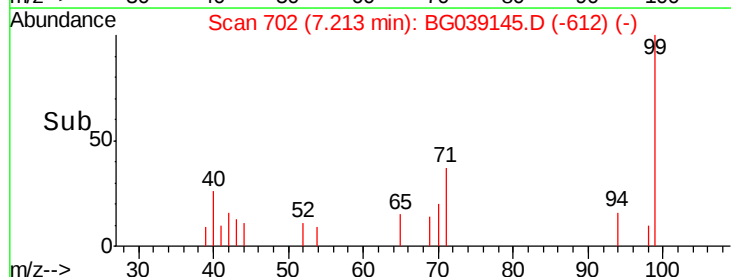
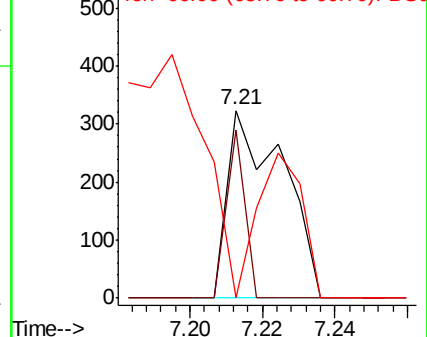
94 100

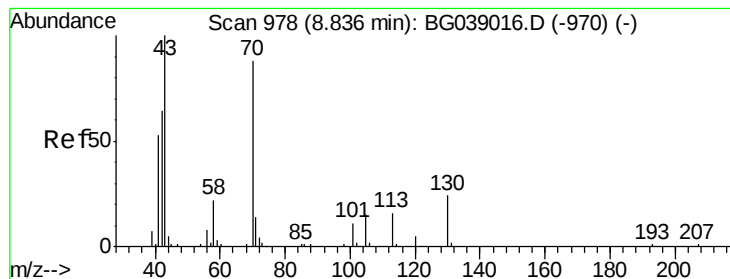
65 89.8 10.3 50.3#

66 0.0 25.1 65.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 22.927 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039145.D

Acq: 15 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

CPGP-5RE

Tgt Ion: 70 Resp: 2482

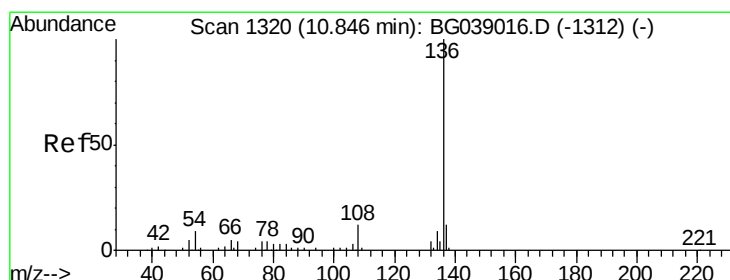
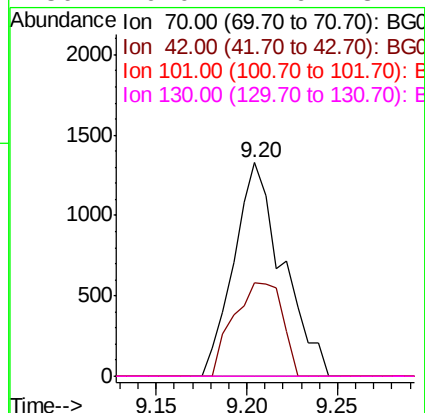
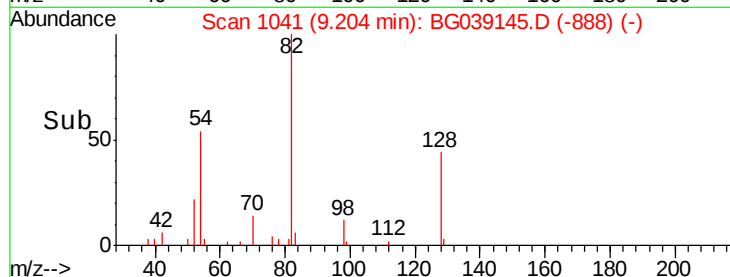
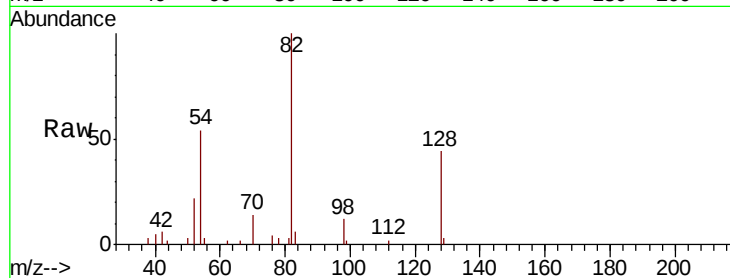
Ion Ratio Lower Upper

70 100

42 43.6 59.0 88.4#

101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039145.D

Acq: 15 Jan 2019 23:47

Tgt Ion: 136 Resp: 14654

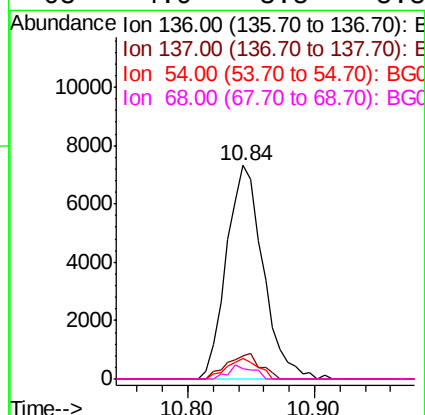
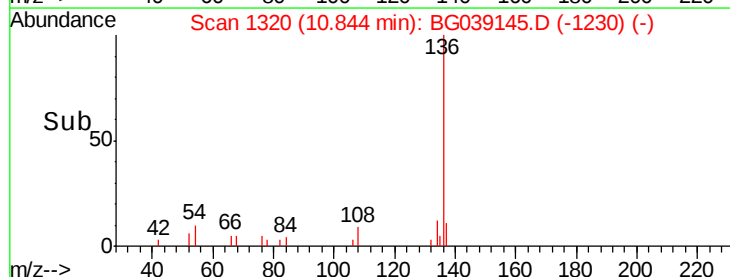
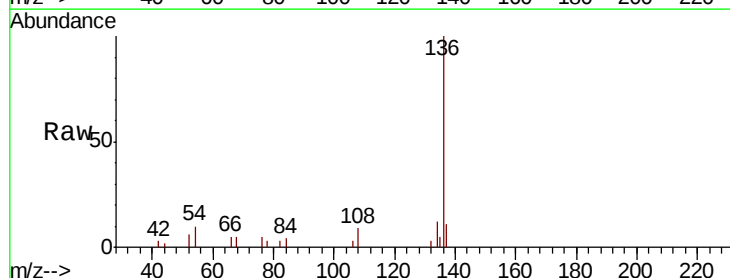
Ion Ratio Lower Upper

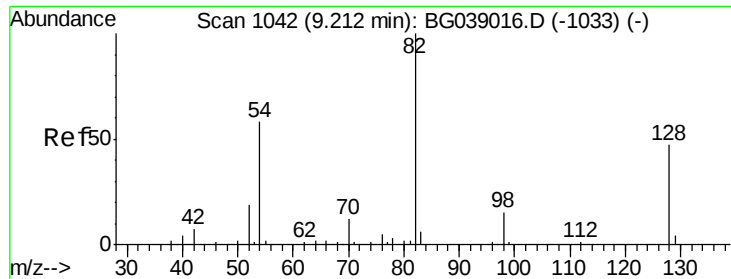
136 100

137 11.0 9.4 14.2

54 9.6 7.2 10.8

68 4.9 3.5 5.3

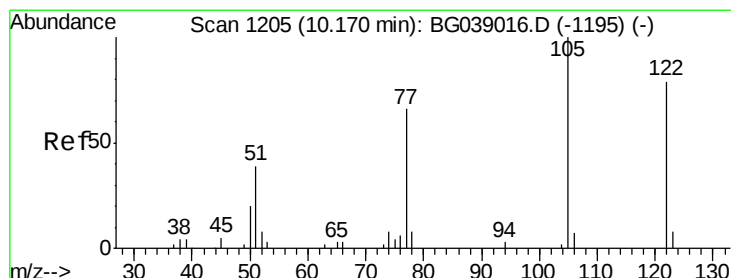
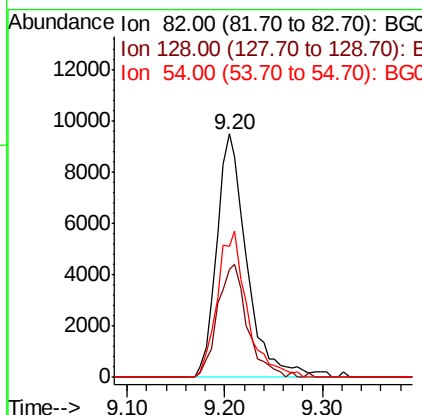
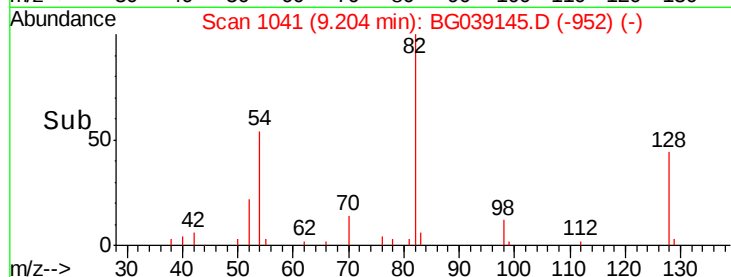
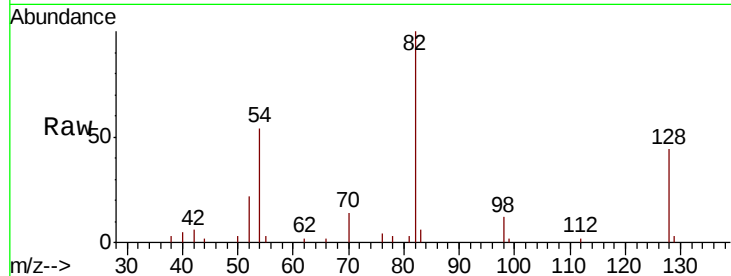




#23
 Nitrobenzene-d5
 Concen: 76.108 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

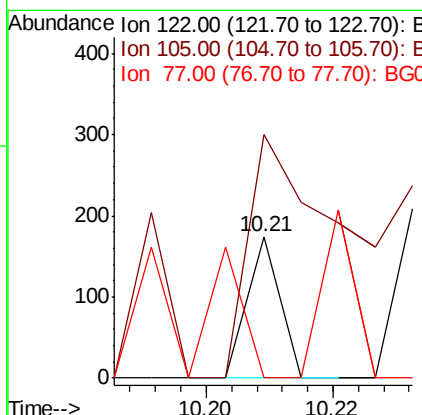
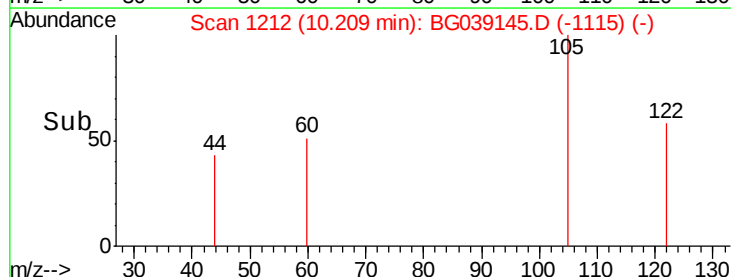
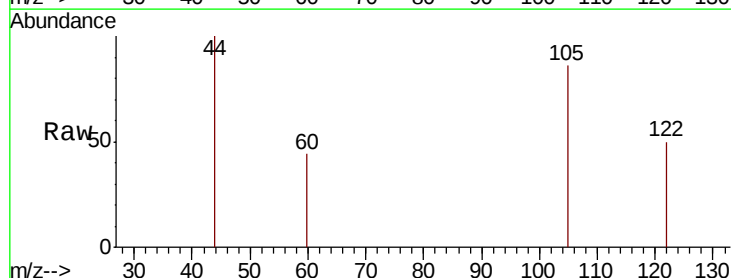
Instrument :
 BNA_G
 ClientSampleId :
 CPGP-5RE

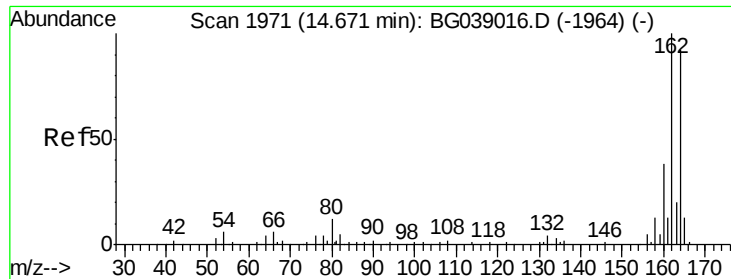
Tgt Ion: 82 Resp: 20382
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.3 55.9
 54 53.8 46.4 69.6



#32
 Benzoic acid
 Concen: 9.834 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. 0.04 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

Tgt Ion: 122 Resp: 61
 Ion Ratio Lower Upper
 122 100
 105 172.4 106.4 146.4#
 77 0.0 63.6 103.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039145.D

Acq: 15 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

CPGP-5RE

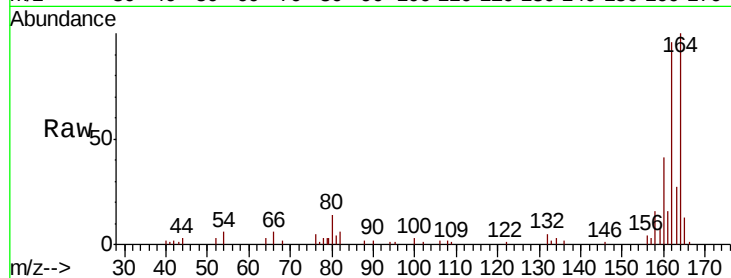
Tgt Ion:164 Resp: 24922

Ion Ratio Lower Upper

164 100

162 95.7 87.2 130.8

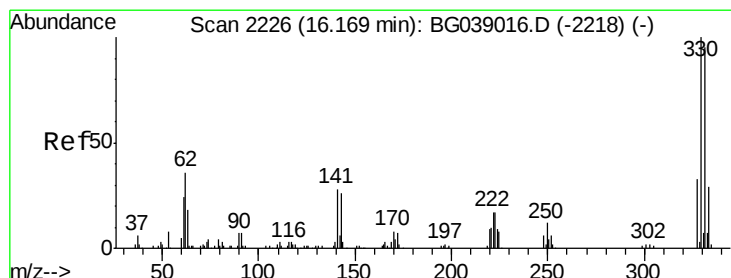
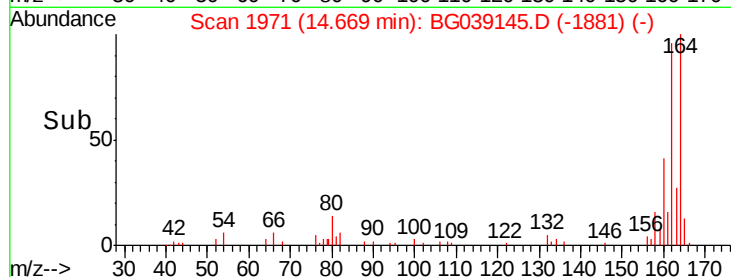
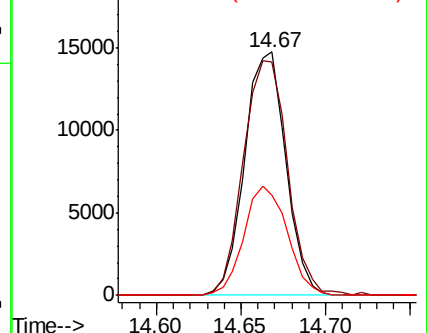
160 41.0 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 258.671 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039145.D

Acq: 15 Jan 2019 23:47

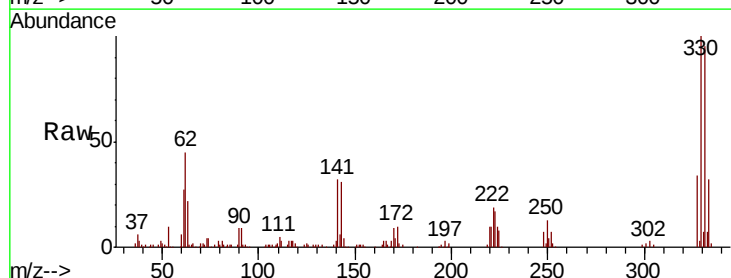
Tgt Ion:330 Resp: 108063

Ion Ratio Lower Upper

330 100

332 94.0 75.7 113.5

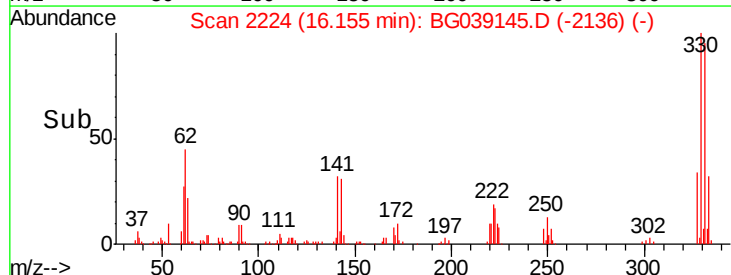
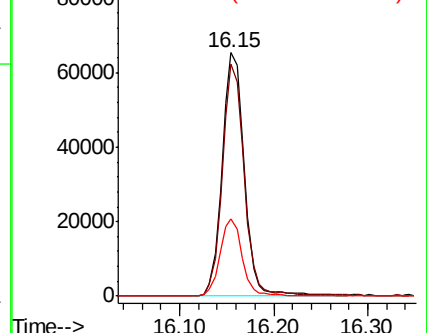
141 31.7 24.9 37.3

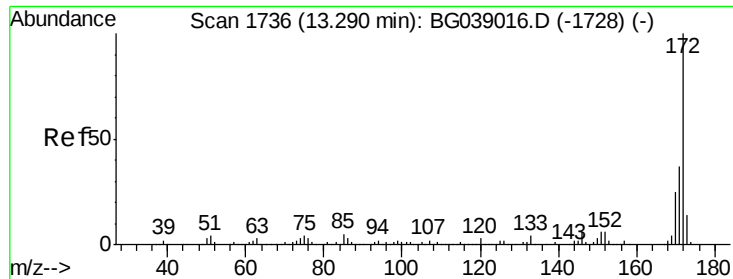


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

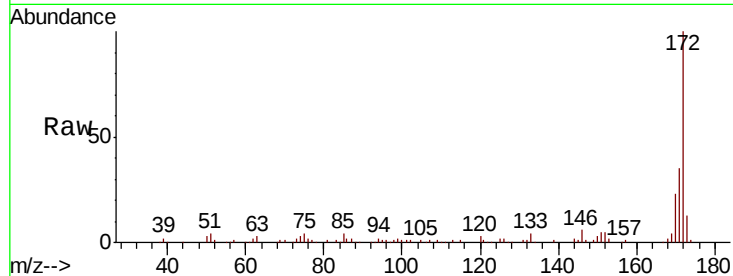




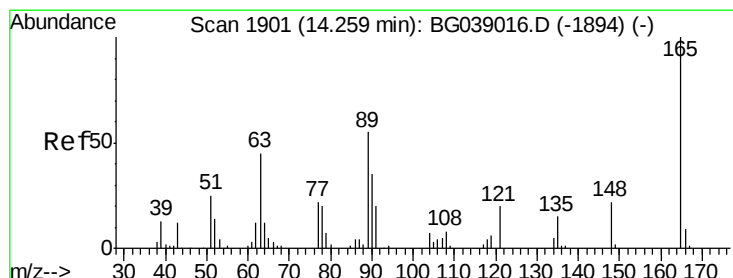
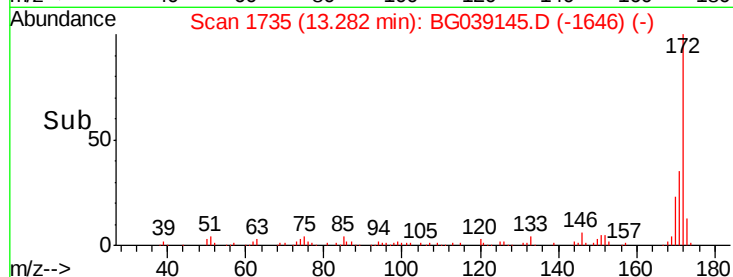
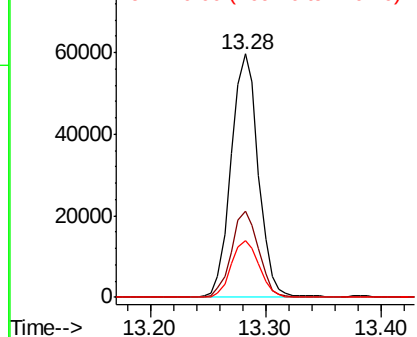
#45
 2-Fluorobiphenyl
 Concen: 53.682 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 97757
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.2 20.1 30.1

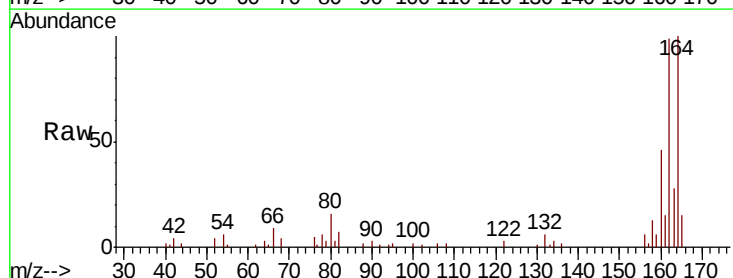


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

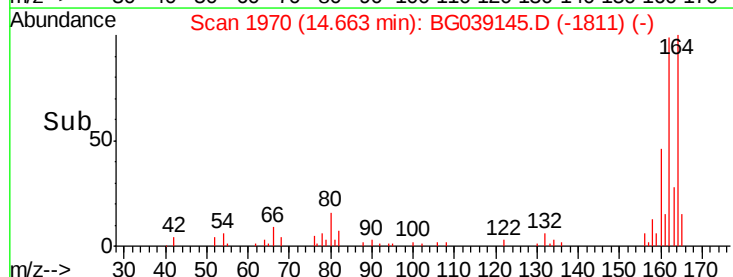
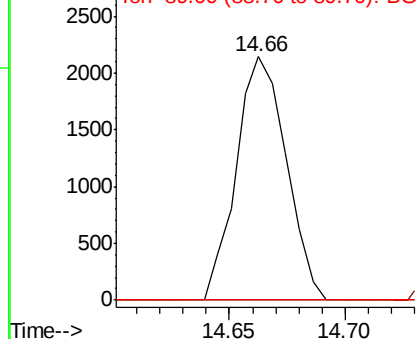


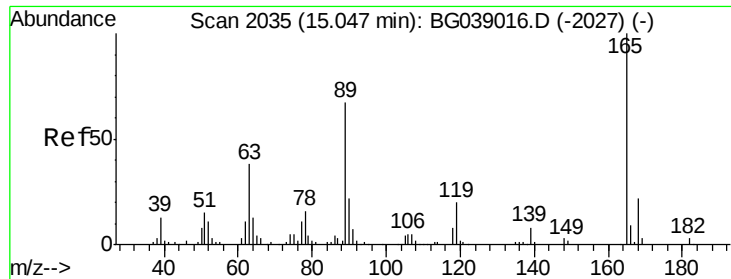
#51
 2,6-Dinitrotoluene
 Concen: 6.860 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

Tgt Ion:165 Resp: 3230
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

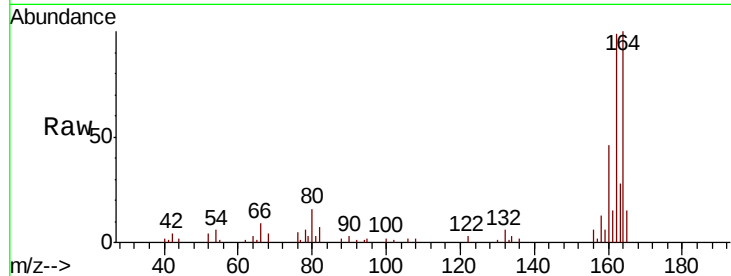




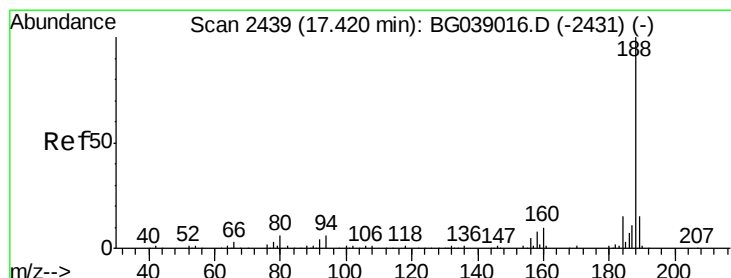
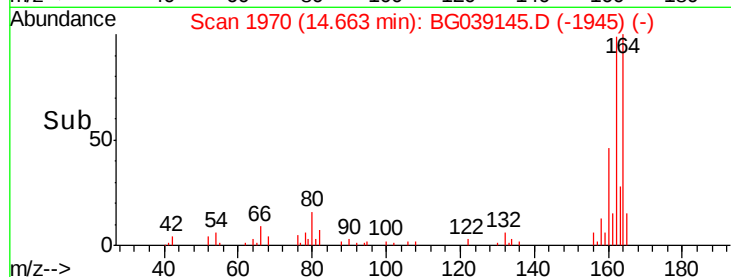
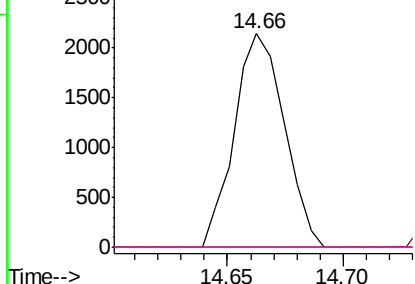
#57
 2,4-Dinitrotoluene
 Concen: 4.781 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-5RE

Tgt Ion:	165	Resp:	3230
Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#

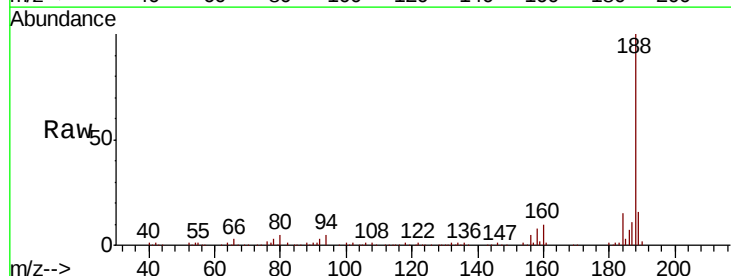


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

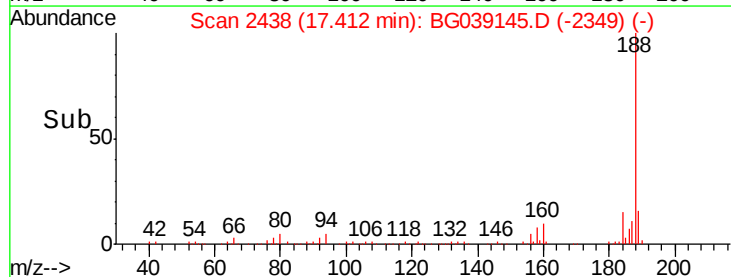
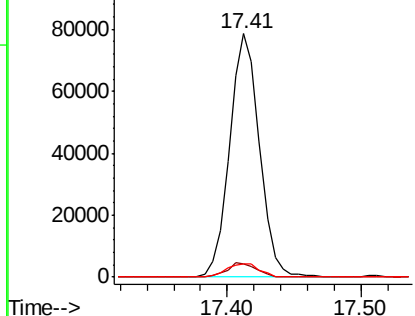


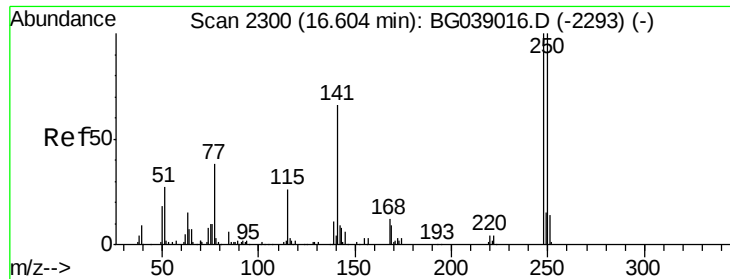
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

Tgt Ion:	188	Resp:	121812
Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.0	7.4
80	5.3	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

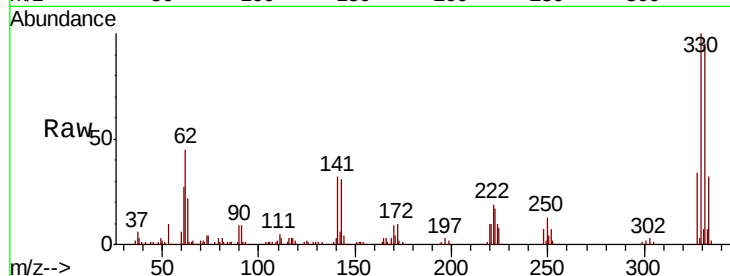




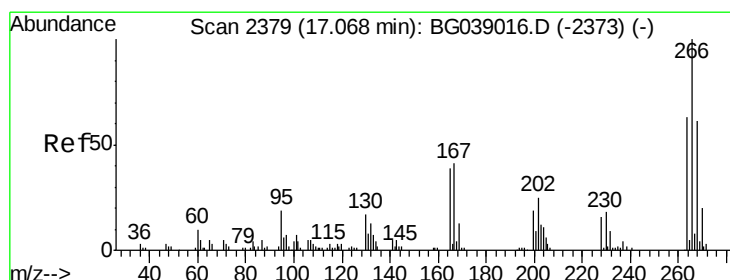
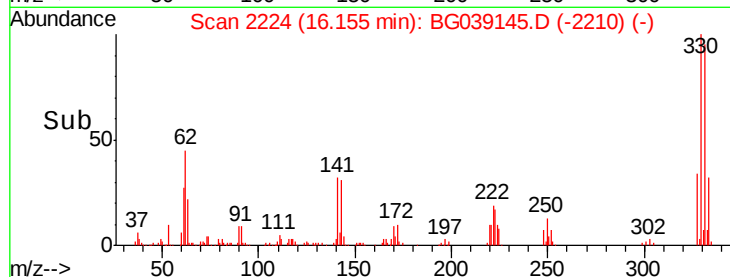
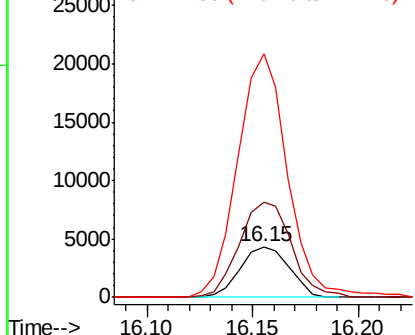
#67
 4-Bromophenyl-phenylether
 Concen: 4.440 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-5RE

Tgt Ion:248 Resp: 6952
 Ion Ratio Lower Upper
 248 100
 250 247.5 79.9 119.9#
 141 479.9 52.7 79.1#

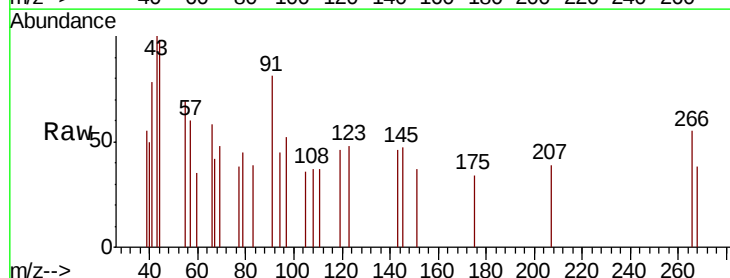


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

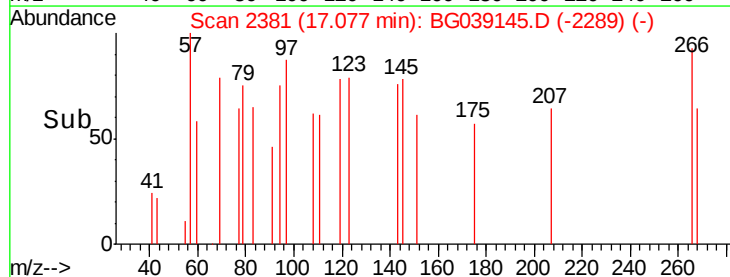
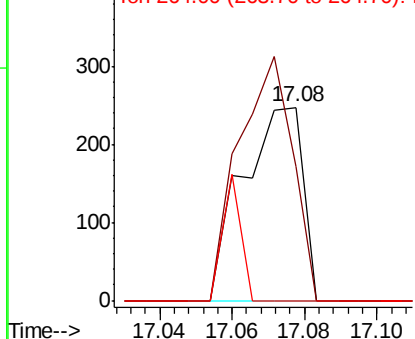


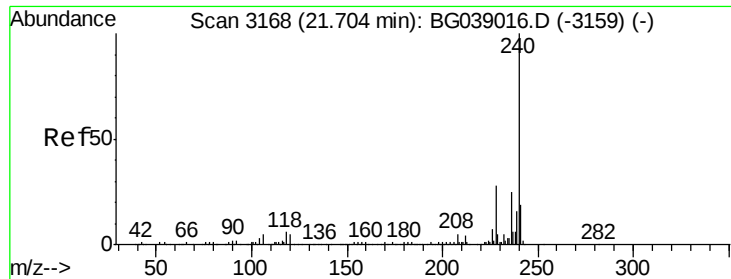
#70
 Pentachlorophenol
 Concen: 6.049 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BG039145.D
 Acq: 15 Jan 2019 23:47

Tgt Ion:266 Resp: 285
 Ion Ratio Lower Upper
 266 100
 268 69.2 52.0 78.0
 264 0.0 54.6 81.8#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

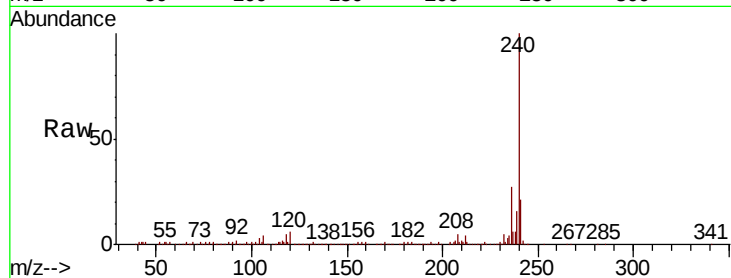




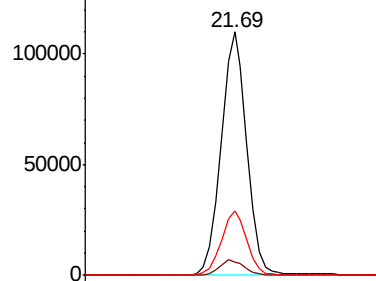
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039145.D
Acq: 15 Jan 2019 23:47

Instrument :
BNA_G
ClientSampled :
CPGP-5RE

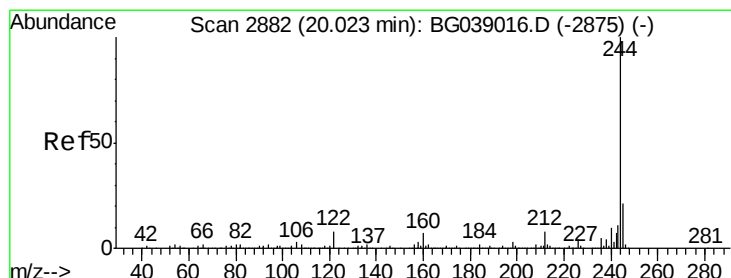
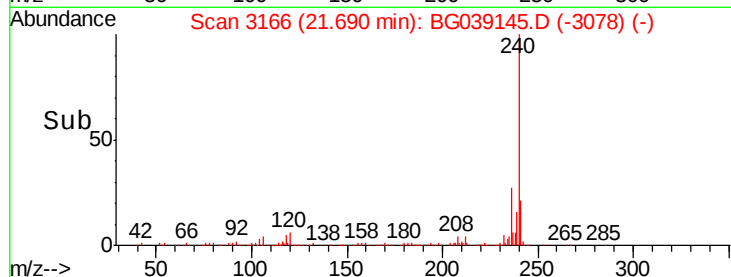
Tgt Ion:240 Resp: 185760
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 26.5 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

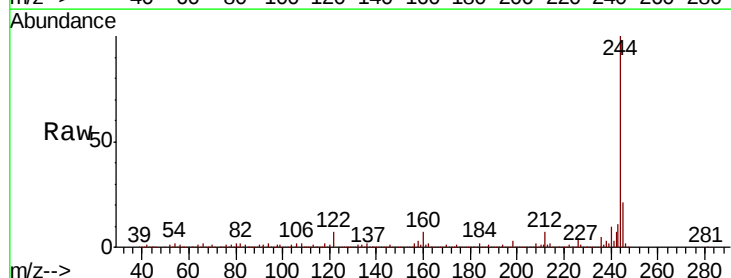


Time--> 21.60 21.70 21.80

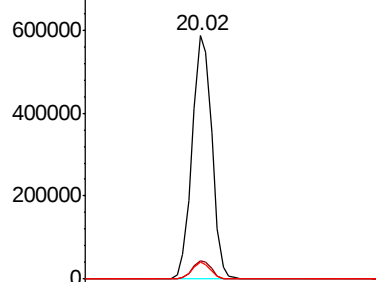


#79
Terphenyl-d14
Concen: 81.782 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039145.D
Acq: 15 Jan 2019 23:47

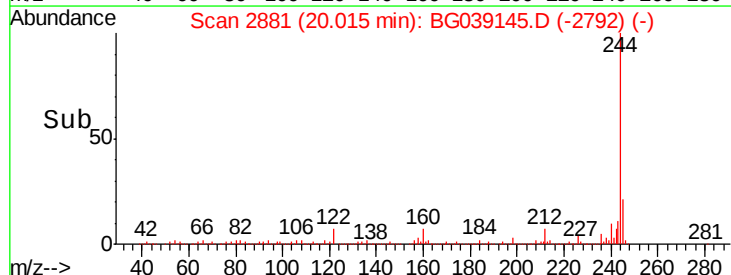
Tgt Ion:244 Resp: 821229
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.8 6.1 9.1

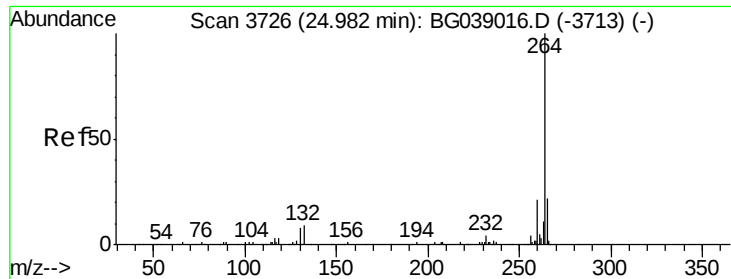


Abundance Ion 244.00 (243.70 to 244.70): E
800000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039145.D
Acq: 15 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
CPGP-5RE

Tgt Ion: 264 Resp: 200022

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.0	25.6
265	22.3	17.2	25.8

