

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038987.D
 Acq On : 8 Jan 2019 6:22
 Operator : JU/SJ
 Sample : K1012-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-010419-C

Quant Time: Jan 08 07:00:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

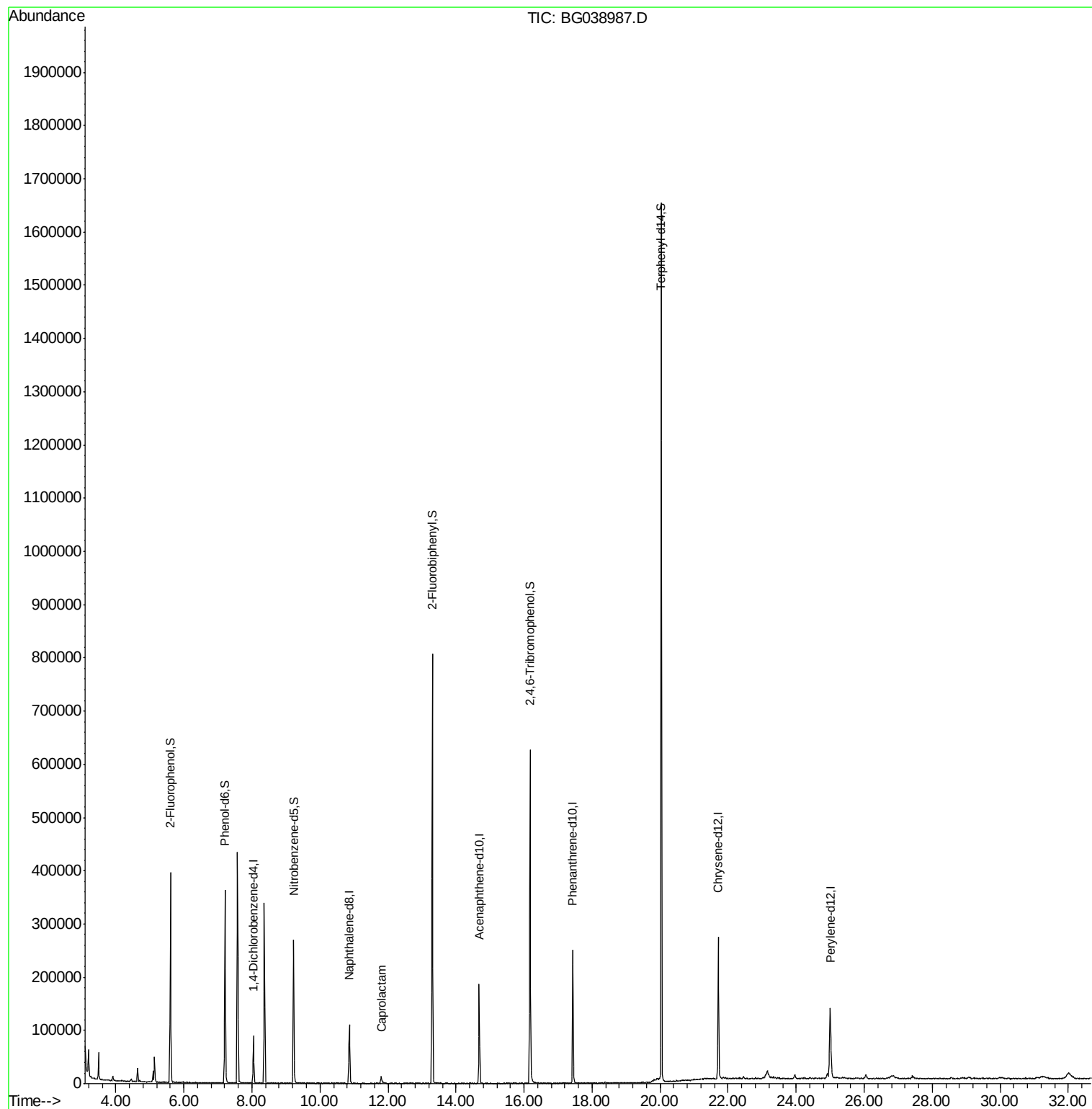
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26060	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	100882	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70032	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	171848	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	178038	20.00	ng	-0.02
87) Perylene-d12	25.00	264	180449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	170240	115.87	ng	0.00
7) Phenol-d6	7.21	99	206935	102.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	160025	81.04	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	139429	144.46	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	436622	85.53	ng	-0.02
79) Terphenyl-d14	20.03	244	817309	99.91	ng	-0.01
Target Compounds						
35) Caprolactam	11.80	113	2983	4.422	ng	Qvalue # 75

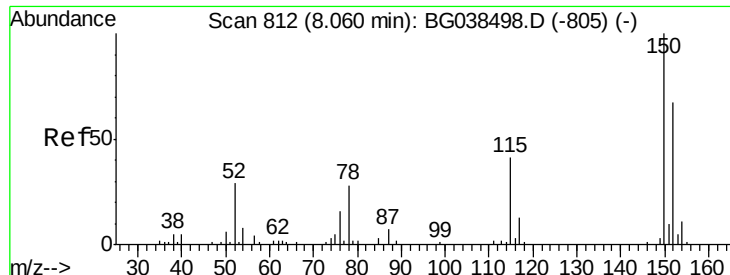
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038987.D

Acq: 8 Jan 2019 6:22

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-C

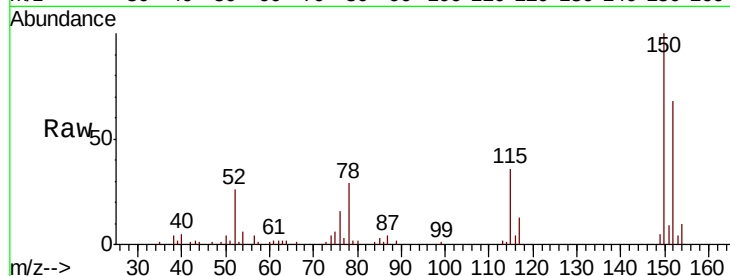
Tot Ion:152 Resp: 26060

Ion Ratio Lower Upper

152 100

150 147.3 119.5 179.3

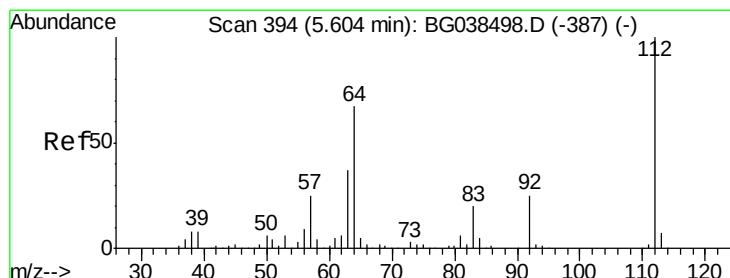
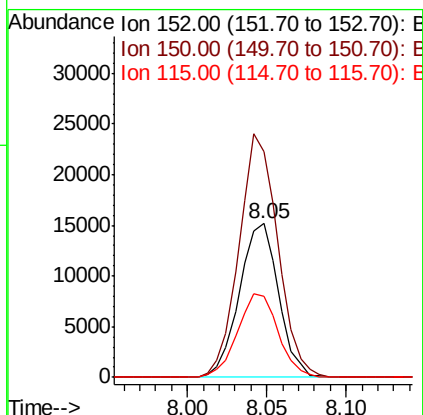
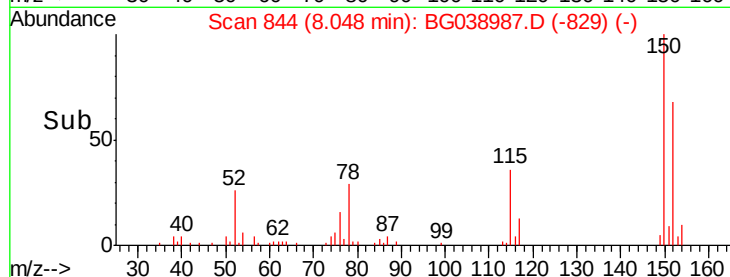
115 52.8 49.6 74.4



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: 115.866 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038987.D

Acq: 8 Jan 2019 6:22

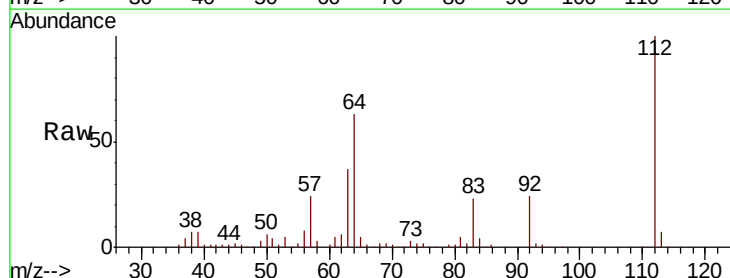
Tgt Ion:112 Resp: 170240

Ion Ratio Lower Upper

112 100

64 63.2 53.4 80.2

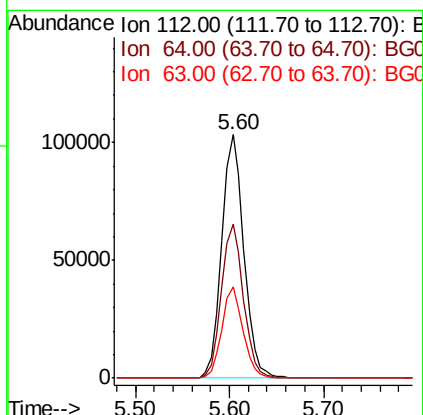
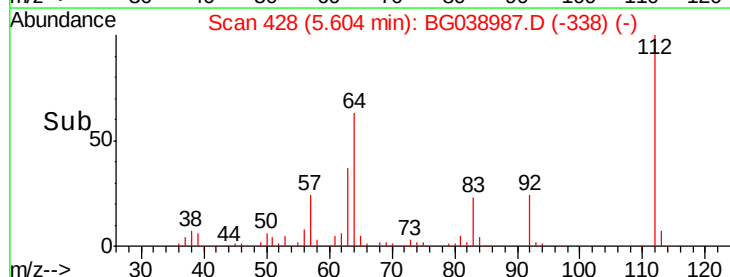
63 37.3 29.3 43.9

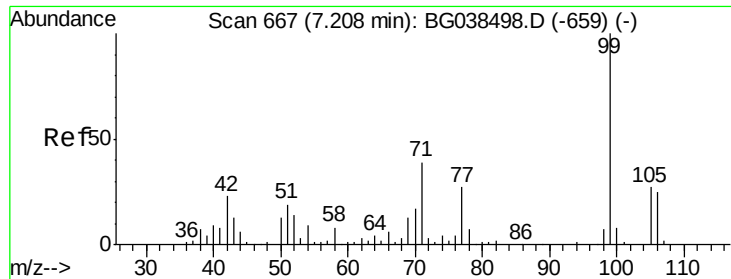


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.593 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038987.D

Acq: 8 Jan 2019 6:22

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-C

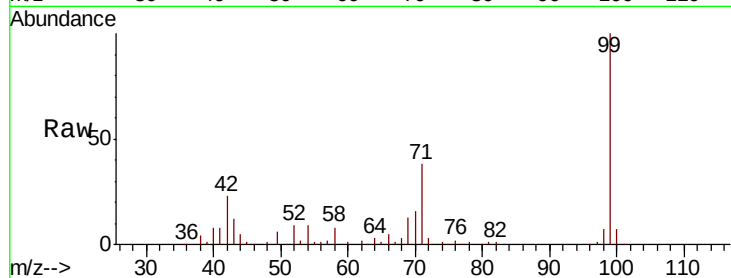
Tot Ion: 99 Resp: 206935

Ion Ratio Lower Upper

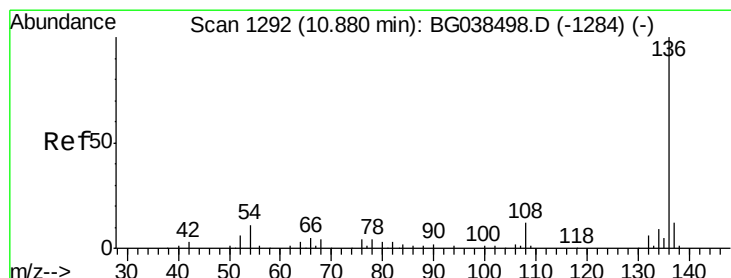
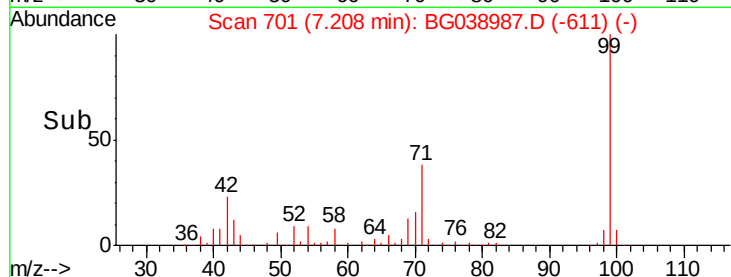
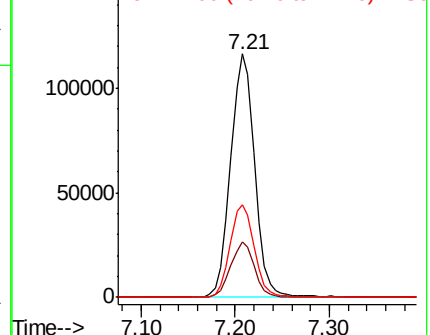
99 100

42 22.8 18.5 27.7

71 37.9 31.1 46.7



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038987.D

Acq: 8 Jan 2019 6:22

Tgt Ion: 136 Resp: 100882

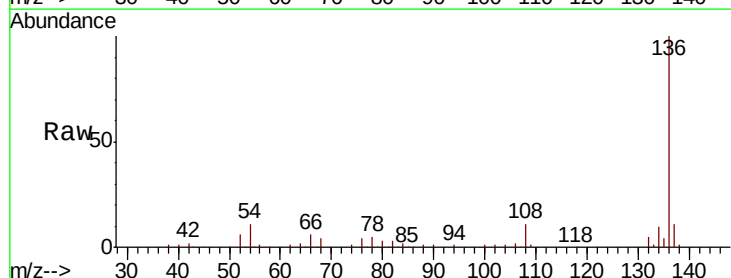
Ion Ratio Lower Upper

136 100

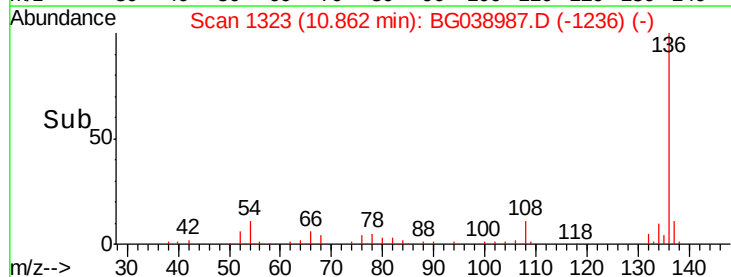
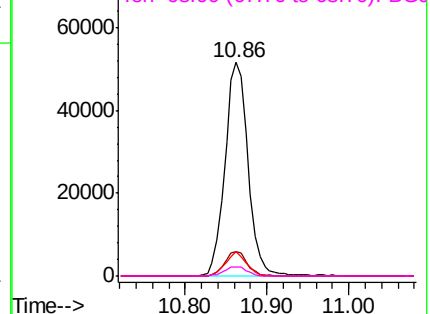
137 11.4 9.3 13.9

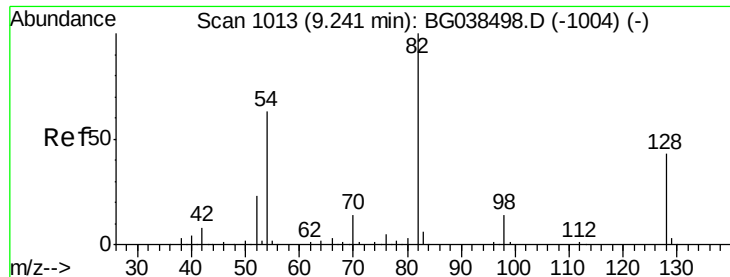
54 11.2 8.5 12.7

68 4.0 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

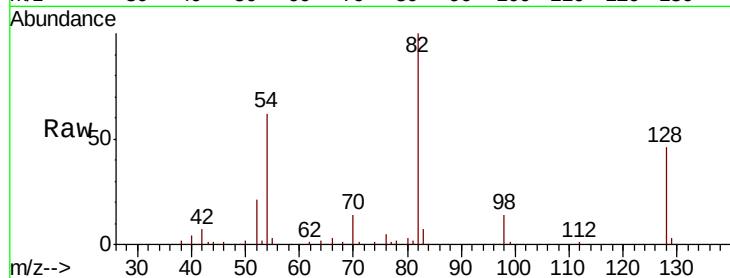




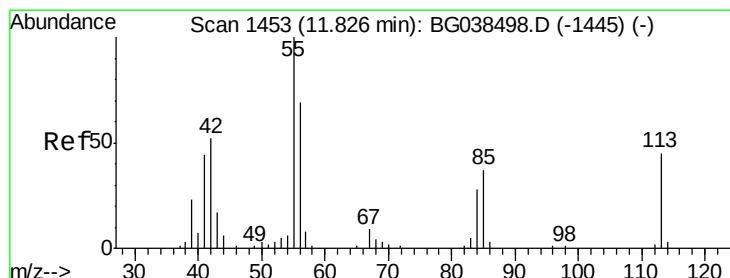
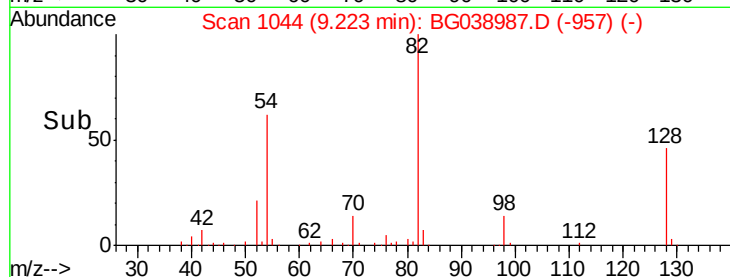
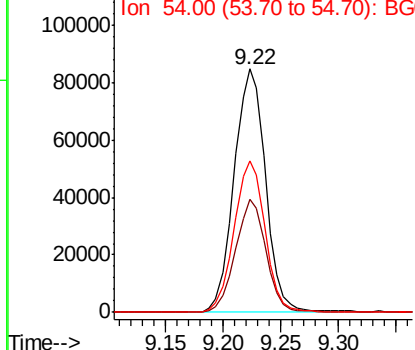
#23
Nitrobenzene-d5
Concen: 81.037 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038987.D
Acq: 8 Jan 2019 6:22

Instrument :
BNA_G
ClientSampleId :
EO-02-010419-C

Tot Ion: 82 Resp: 160025
Ion Ratio Lower Upper
82 100
128 46.5 34.6 52.0
54 62.3 50.6 76.0

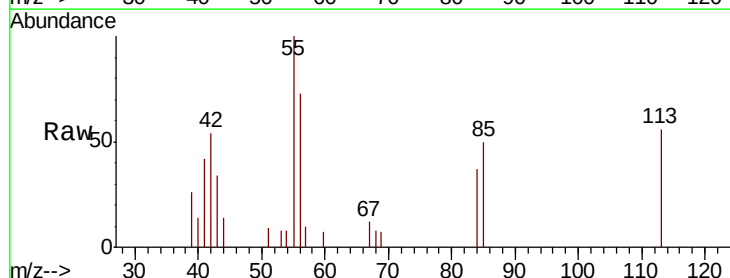


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

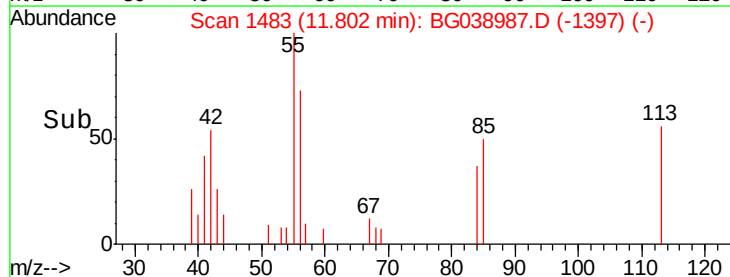
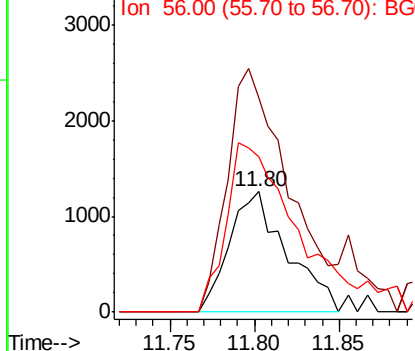


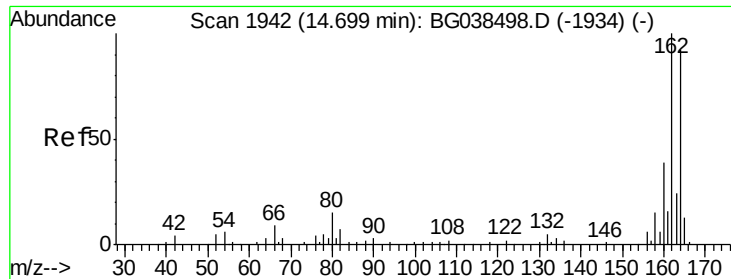
#35
Caprolactam
Concen: 4.422 ng
RT: 11.80 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BG038987.D
Acq: 8 Jan 2019 6:22

Tgt Ion: 113 Resp: 2983
Ion Ratio Lower Upper
113 100
55 177.7 204.3 244.3#
56 128.9 135.0 175.0#



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038987.D

Acq: 8 Jan 2019 6:22

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-C

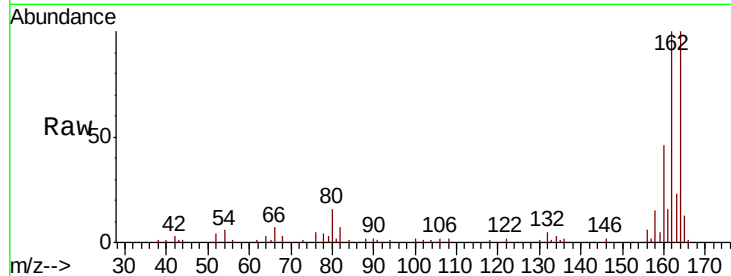
Tot Ion:164 Resp: 70032

Ion Ratio Lower Upper

164 100

162 99.7 86.6 130.0

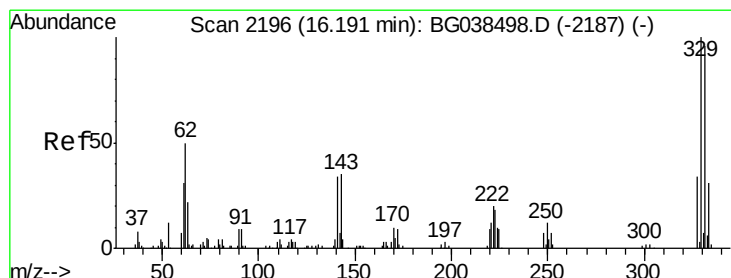
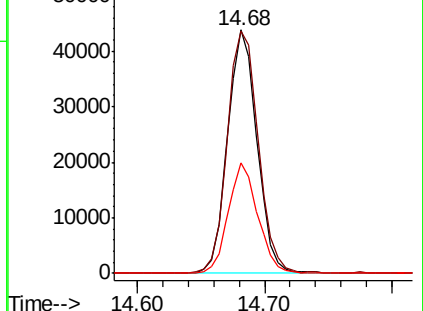
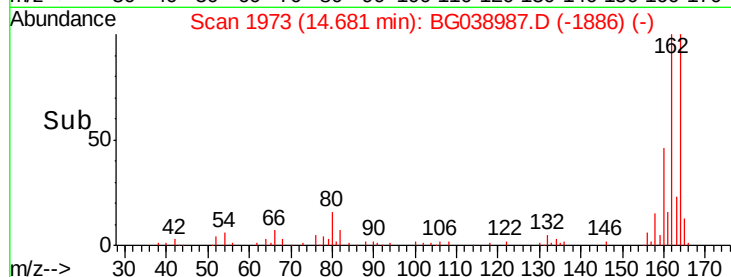
160 45.6 34.2 51.2



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: 144.461 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038987.D

Acq: 8 Jan 2019 6:22

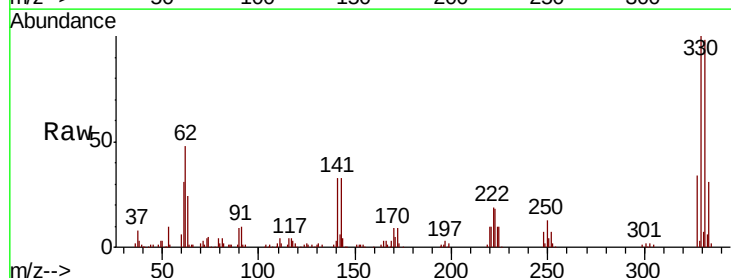
Tgt Ion:330 Resp: 139429

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

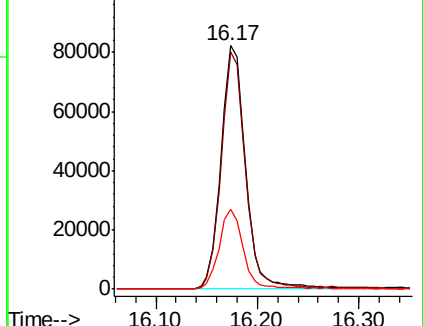
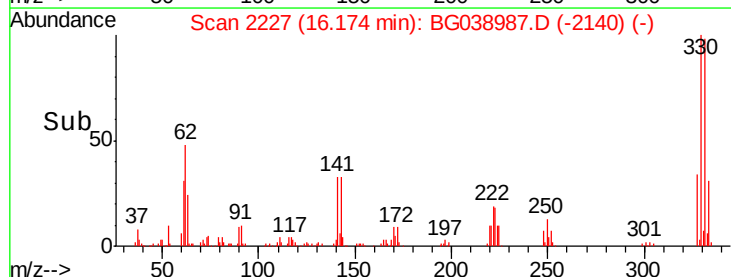
141 32.2 28.8 43.2

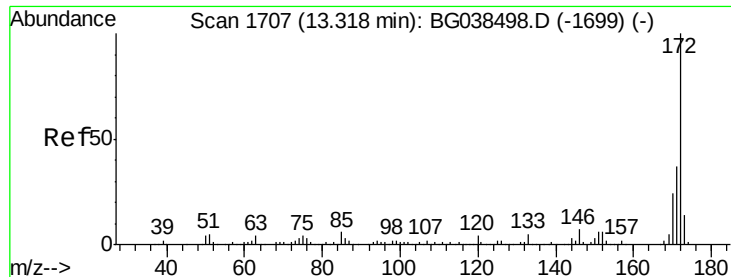


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

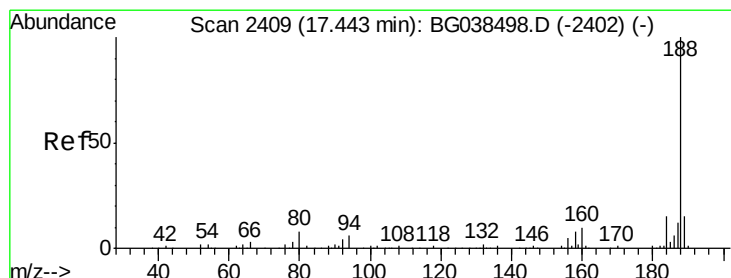
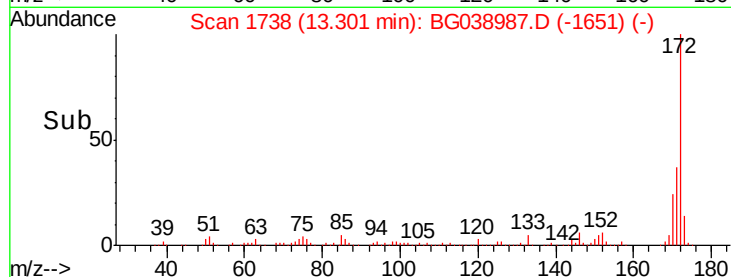
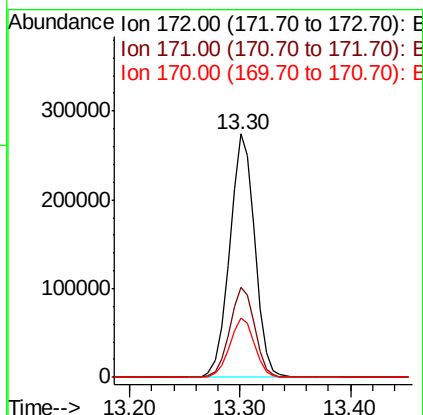
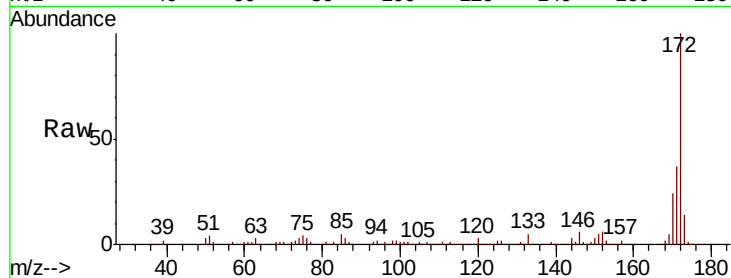




#45
 2-Fluorobiphenyl
 Concen: 85.529 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038987.D
 Acq: 8 Jan 2019 6:22

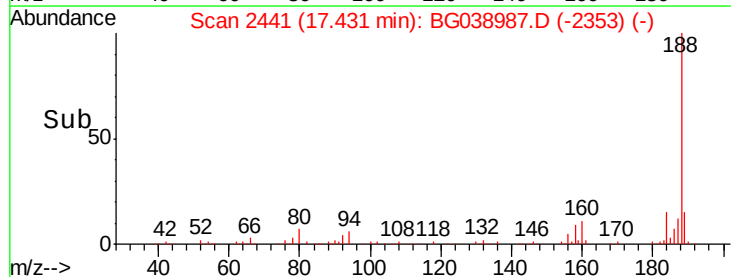
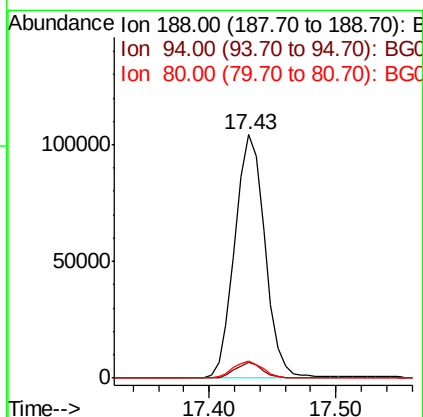
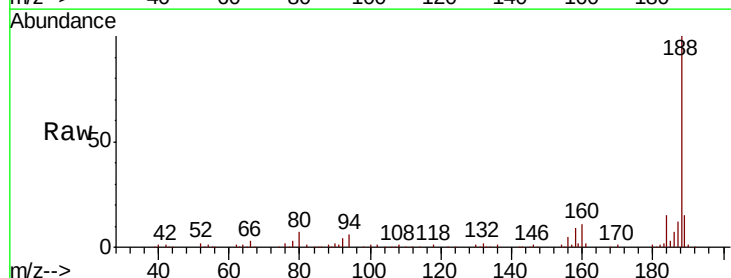
Instrument :
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 EO-02-010419-C

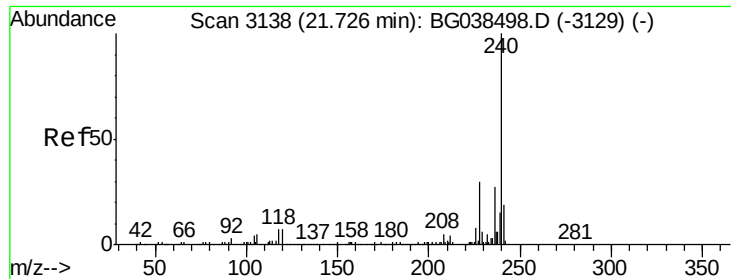
Tot Ion:172 Resp: 436622
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 24.1 19.5 29.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038987.D
 Acq: 8 Jan 2019 6:22

Tgt Ion:188 Resp: 171848
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 6.9 6.1 9.1

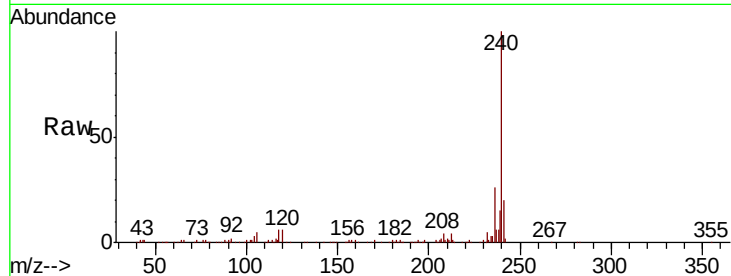




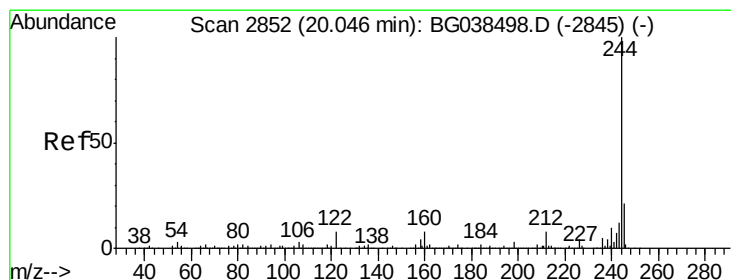
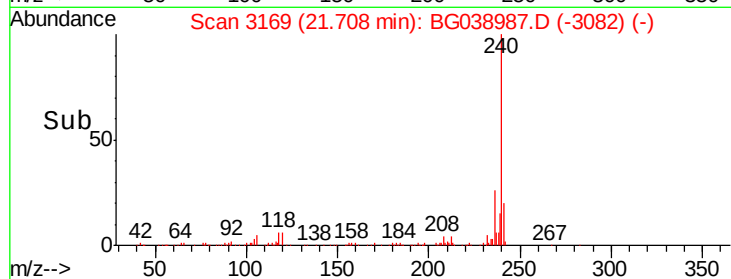
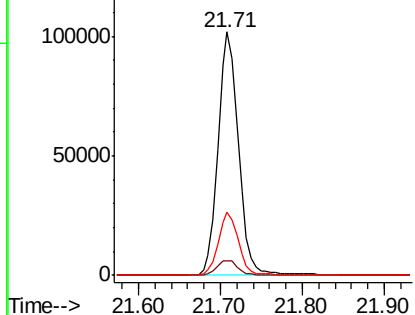
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038987.D
Acq: 8 Jan 2019 6:22

Instrument :
BNA_G
ClientSampleId :
EO-02-010419-C

Tot Ion:240 Resp: 178038
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 25.8 21.4 32.2

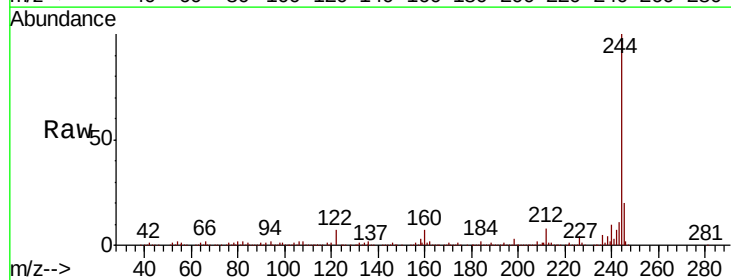


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

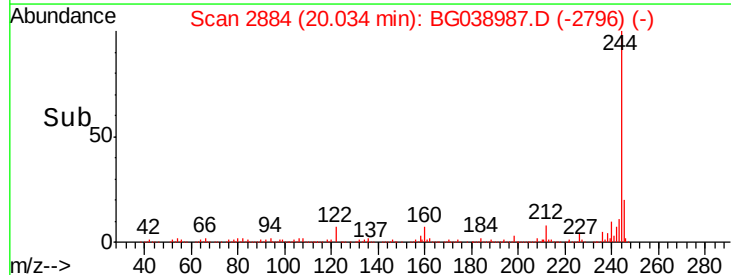
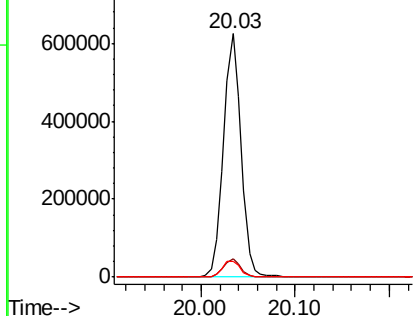


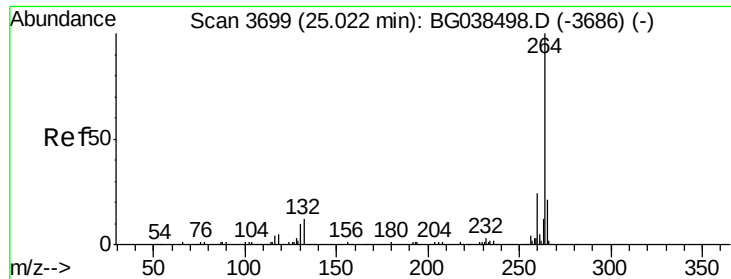
#79
Terphenyl-d14
Concen: 99.908 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG038987.D
Acq: 8 Jan 2019 6:22

Tgt Ion:244 Resp: 817309
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 6.6 6.3 9.5



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

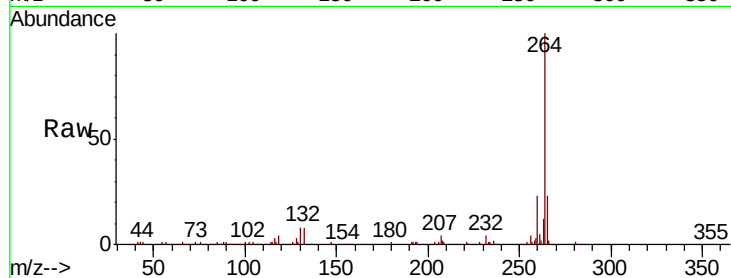




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG038987.D
Acq: 8 Jan 2019 6:22

Instrument :
BNA_G
ClientSampleId :
EO-02-010419-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	22.9	17.0	25.4



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

