

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040950.D
 Acq On : 30 May 2019 13:51
 Operator : HP/JU
 Sample : K3054-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CULVER-CBTC-WC1B-052419

Quant Time: May 30 15:14:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

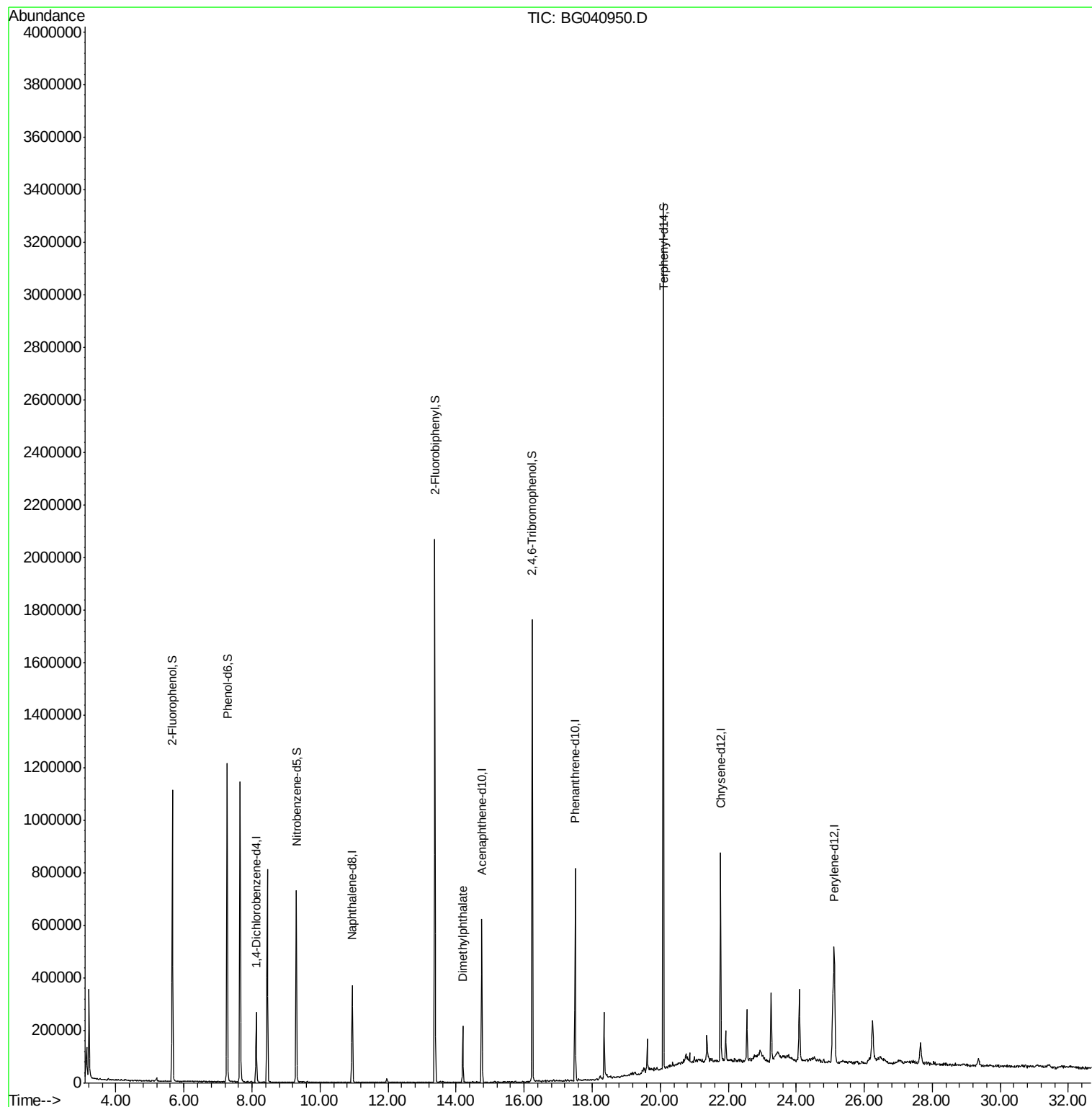
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	69119	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	289202	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	211740	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	496517	20.00	ng	0.00
76) Chrysene-d12	21.78	240	471483	20.00	ng	0.00
87) Perylene-d12	25.12	264	508221	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	416834	108.75	ng	0.00
7) Phenol-d6	7.27	99	642060	108.46	ng	0.00
23) Nitrobenzene-d5	9.30	82	445356	68.36	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	328288	104.44	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1020366	69.40	ng	0.00
79) Terphenyl-d14	20.09	244	1511996	68.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.20	163	139043	7.757	ng	Qvalue # 95

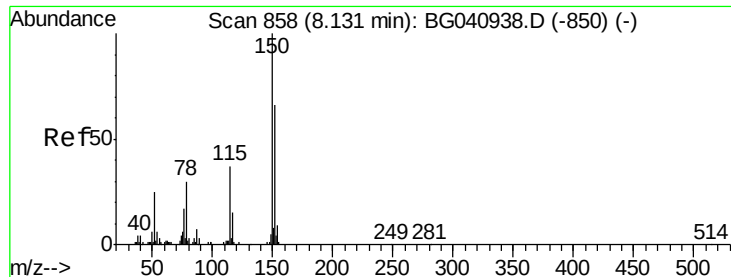
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

Instrument :

BNA_G

ClientSampleId :

CULVER-CBTC-WC1B-052419

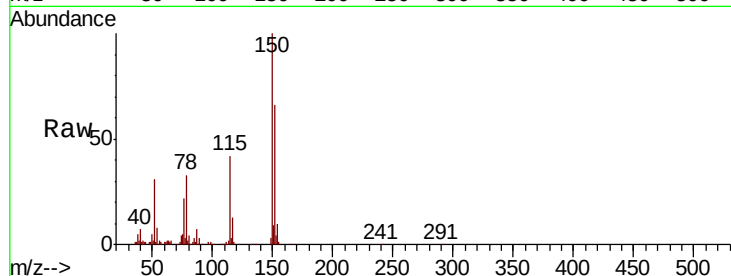
Tot Ion:152 Resp: 69119

Ion Ratio Lower Upper

152 100

150 151.7 120.6 180.8

115 63.1 45.1 67.7

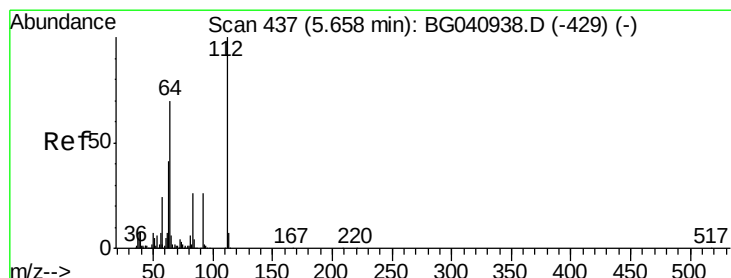
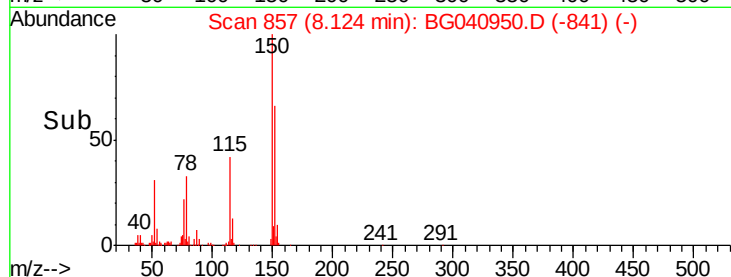
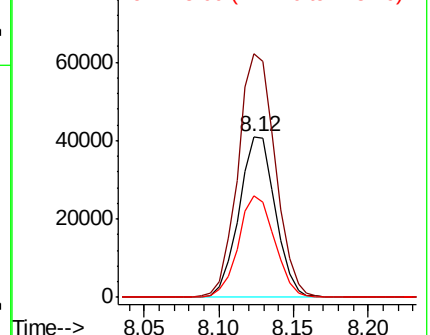


Abundance

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: 108.746 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

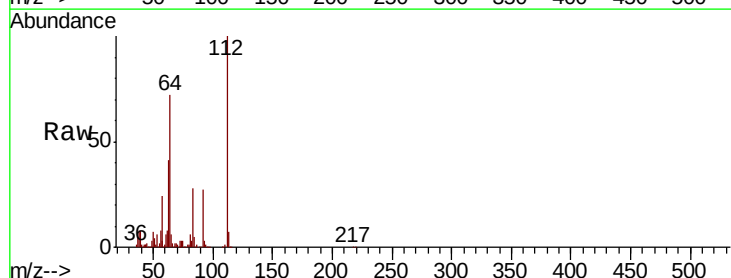
Tgt Ion:112 Resp: 416834

Ion Ratio Lower Upper

112 100

64 71.7 56.2 84.2

63 40.9 32.8 49.2

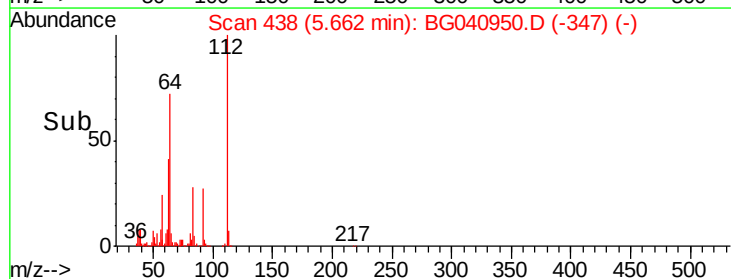
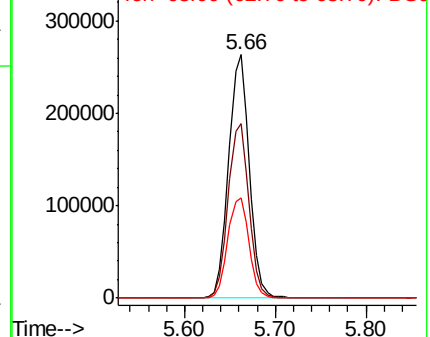


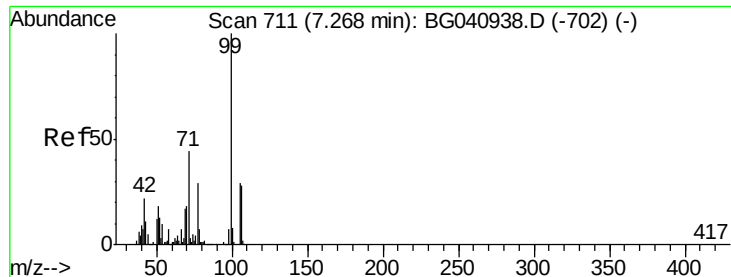
Abundance

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: 108.459 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

Instrument :

BNA_G

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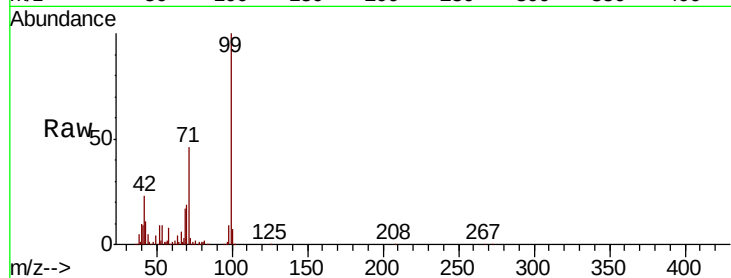
Tot Ion: 99 Resp: 642060

Ion Ratio Lower Upper

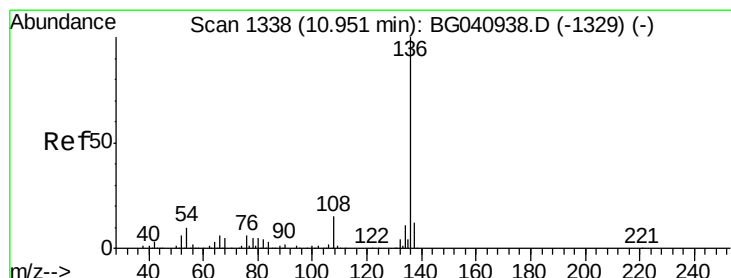
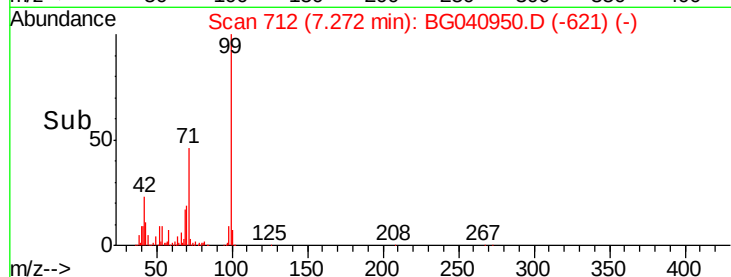
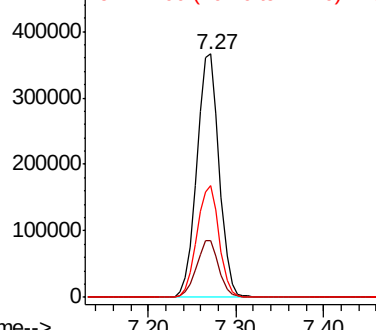
99 100

42 23.2 17.9 26.9

71 46.1 35.4 53.0



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: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

Tgt Ion: 136 Resp: 289202

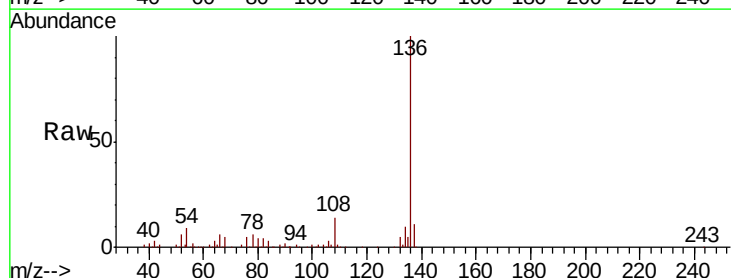
Ion Ratio Lower Upper

136 100

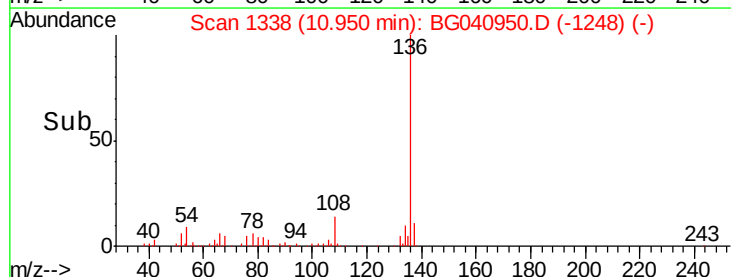
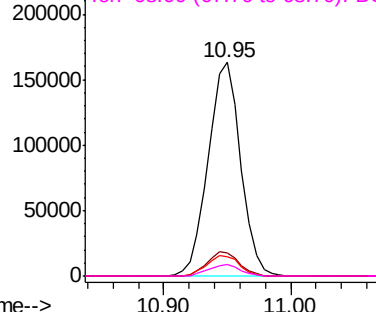
137 11.0 9.5 14.3

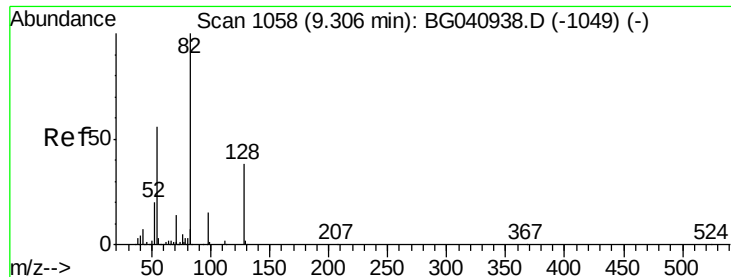
54 8.9 7.6 11.4

68 5.2 3.9 5.9



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

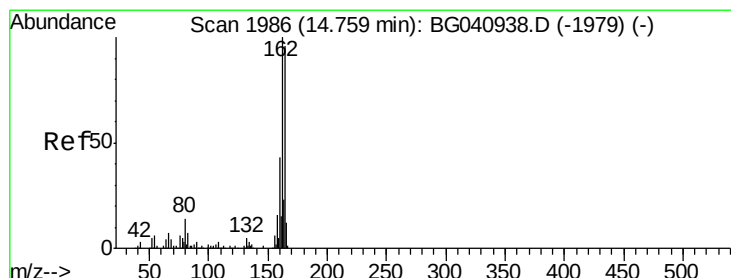
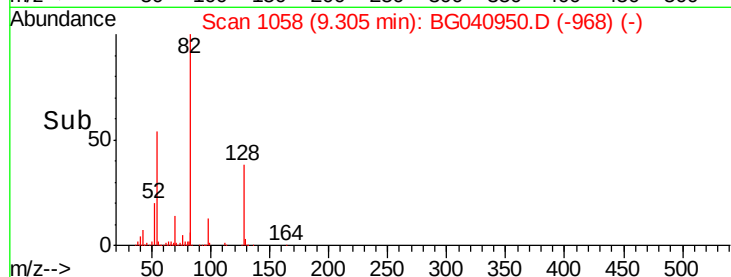
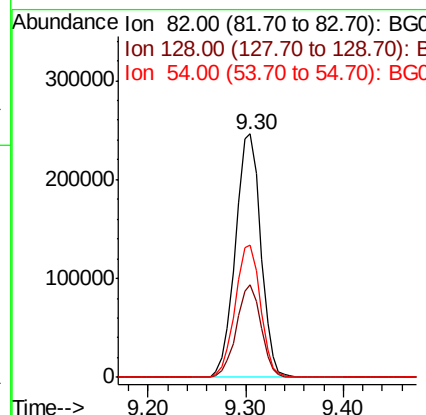
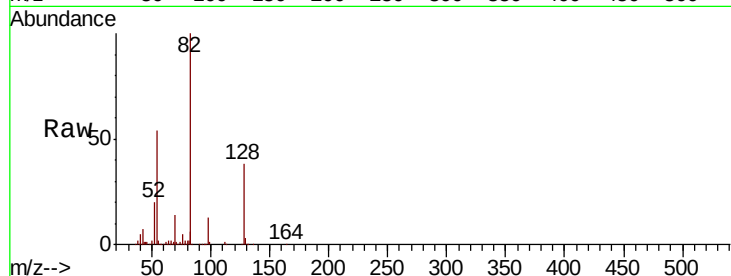




#23
 Nitrobenzene-d5
 Concen: 68.364 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040950.D
 Acq: 30 May 2019 13:51

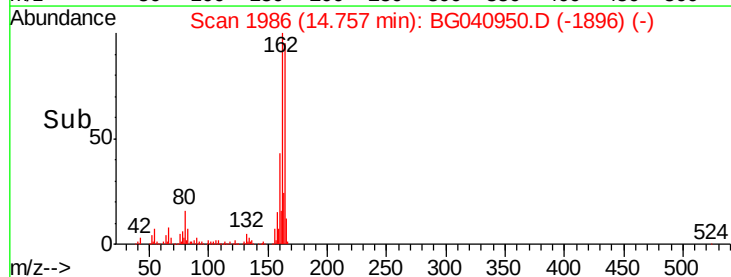
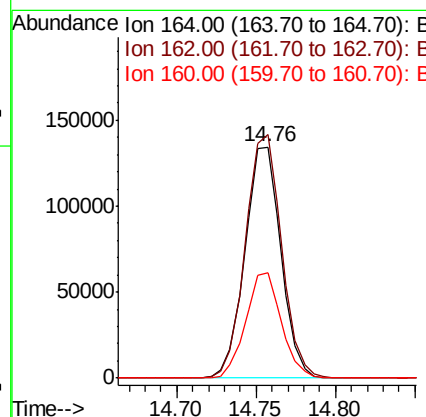
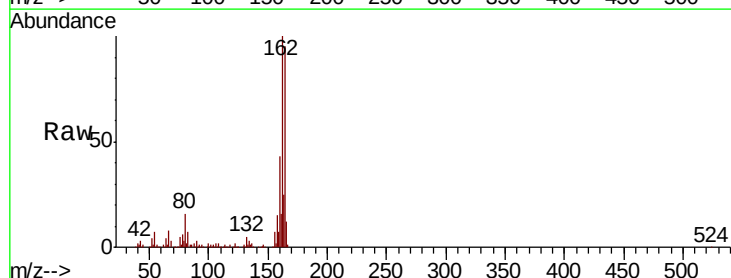
Instrument :
 BNA_G
 ClientSampleId :
 CULVER-CBTC-WC1B-052419

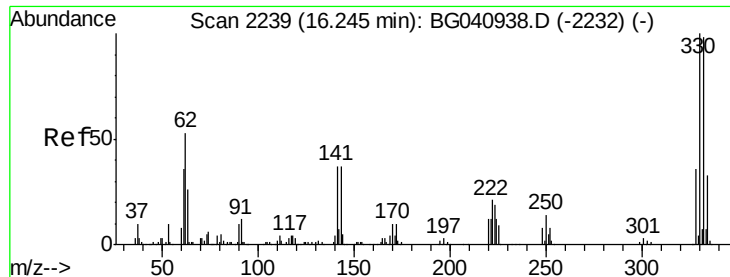
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.5	45.7
54	54.2	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG040950.D
 Acq: 30 May 2019 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.4
160	45.7	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 104.436 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

Instrument :

BNA_G

ClientSampleId :

CULVER-CBTC-WC1B-052419

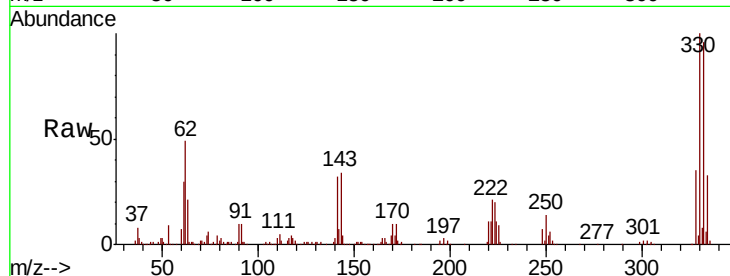
Tot Ion:330 Resp: 328288

Ion Ratio Lower Upper

330 100

332 95.7 78.5 117.7

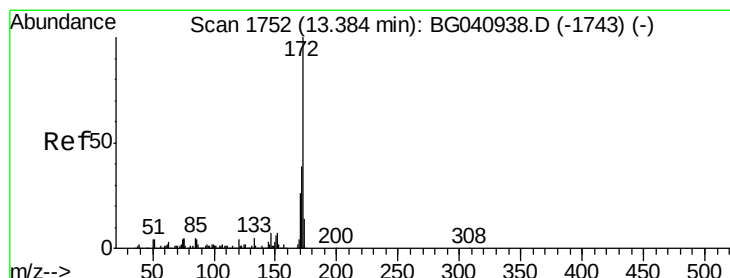
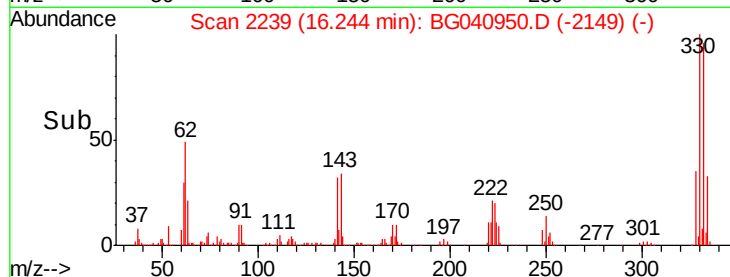
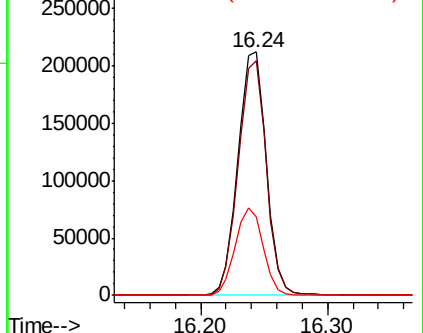
141 35.4 28.7 43.1



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: 69.398 ng

RT: 13.38 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

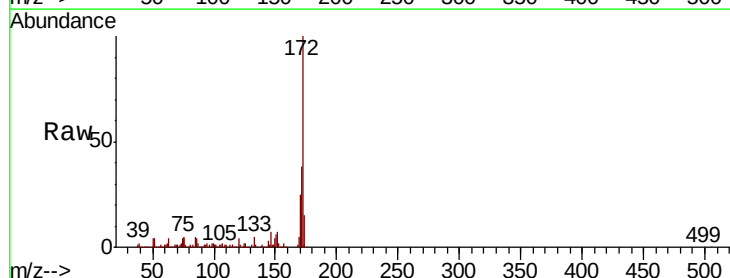
Tgt Ion:172 Resp: 1020366

Ion Ratio Lower Upper

172 100

171 38.3 31.1 46.7

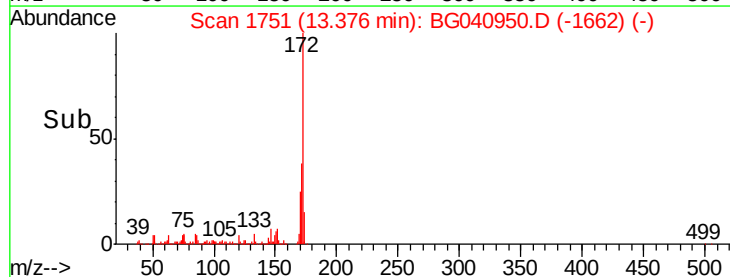
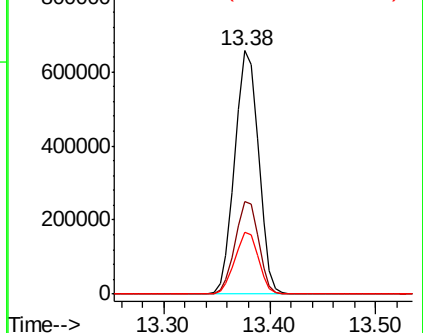
170 25.4 20.5 30.7

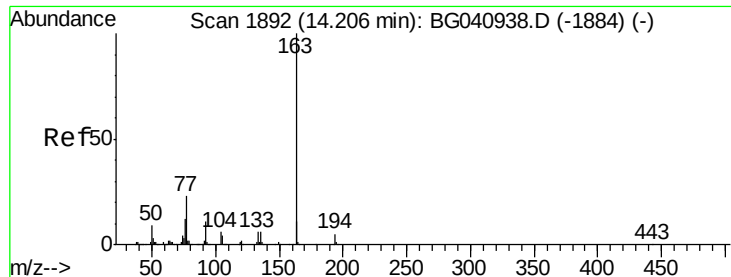


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.757 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

Instrument :

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ClientSampleId :

CULVER-CBTC-WC1B-052419

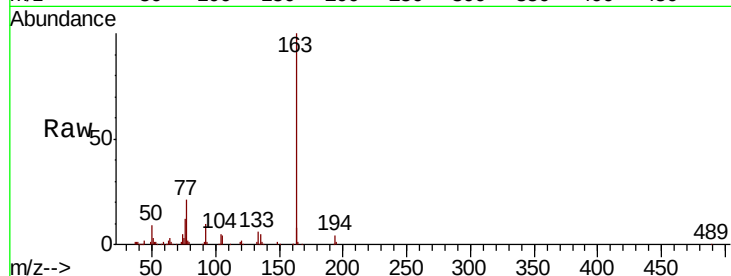
Tot Ion:163 Resp: 139043

Ion Ratio Lower Upper

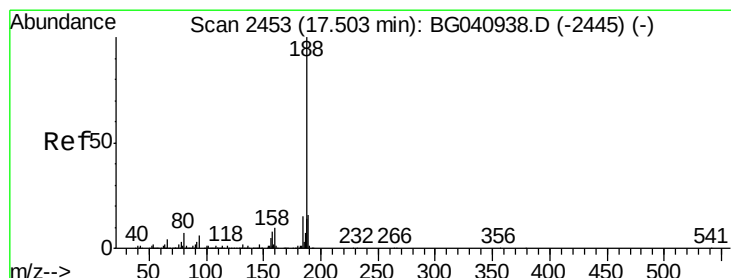
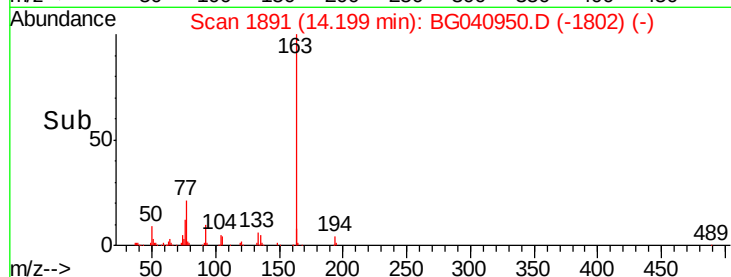
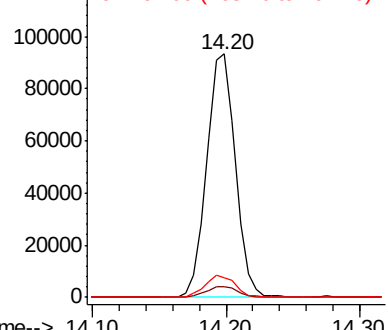
163 100

194 4.5 3.8 5.8

164 8.2 8.7 13.1#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040950.D

Acq: 30 May 2019 13:51

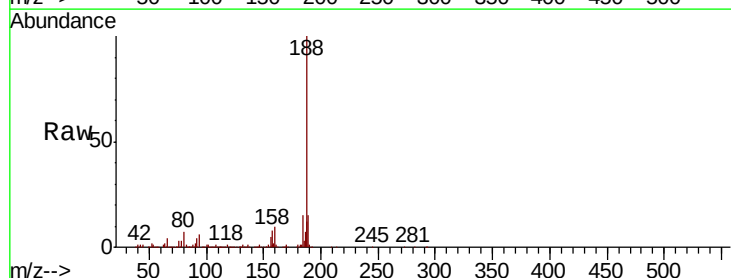
Tgt Ion:188 Resp: 496517

Ion Ratio Lower Upper

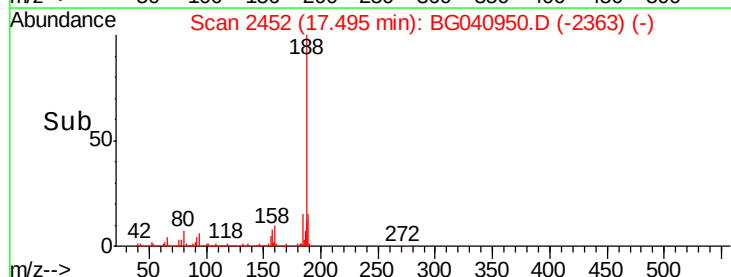
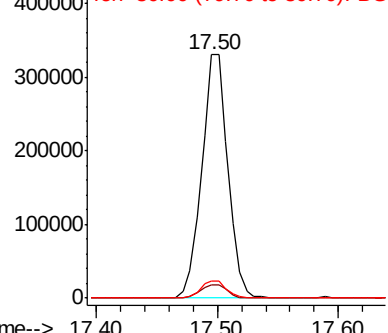
188 100

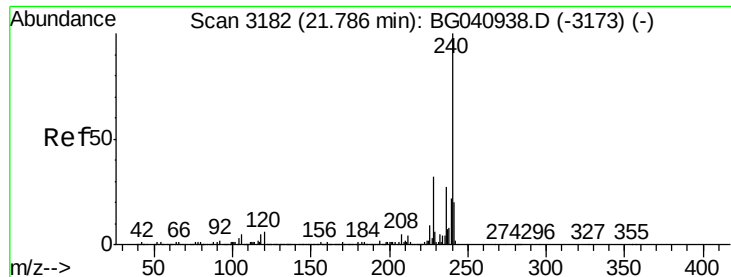
94 5.6 4.7 7.1

80 7.2 5.8 8.8



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

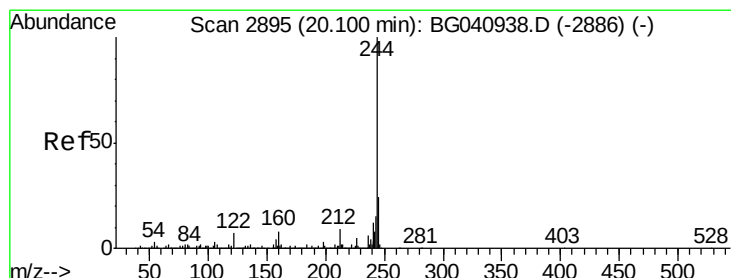
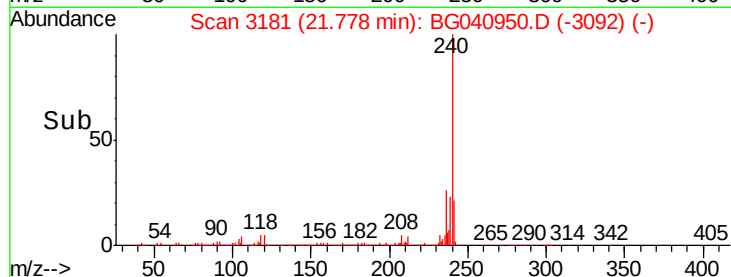
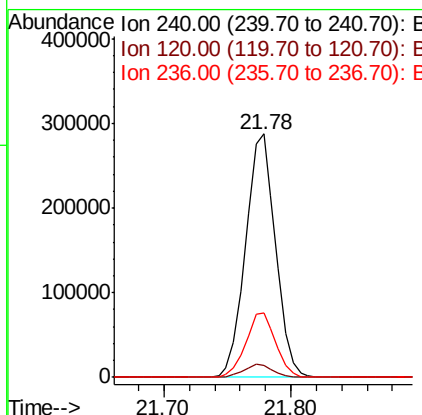
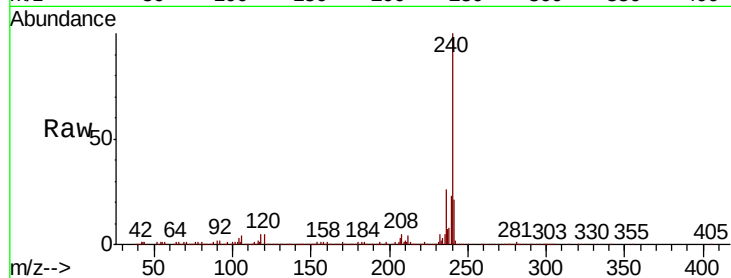




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

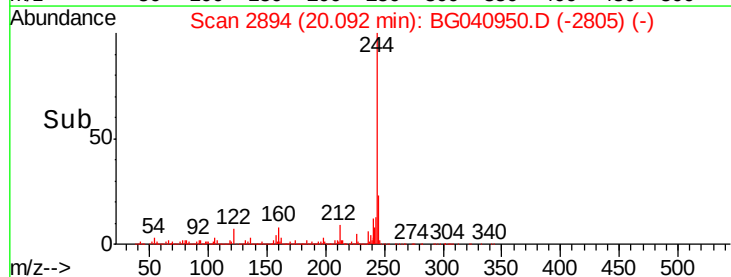
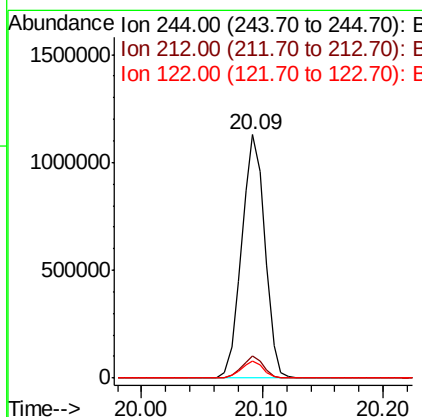
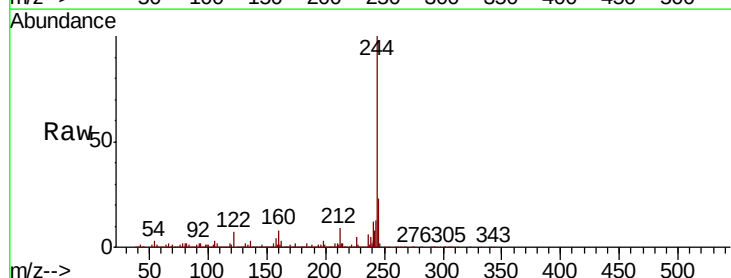
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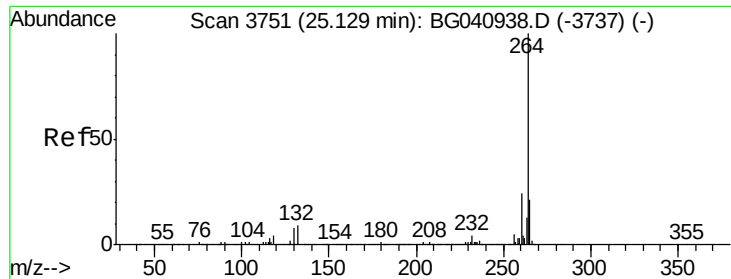
Tot Ion:240 Resp: 471483
Ion Ratio Lower Upper
240 100
120 5.0 4.5 6.7
236 26.3 21.3 31.9



#79
Terphenyl-d14
Concen: 68.061 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:244 Resp: 1511996
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.4
122 6.9 5.4 8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3749
 Delta R.T. -0.01 min
 Lab File: BG040950.D
 Acq: 30 May 2019 13:51

Instrument :
 BNA_G
 ClientSampleId :
 CULVER-CBTC-WC1B-052419

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.0	28.4
265	21.7	17.0	25.4

