

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043059.D
 Acq On : 5 Oct 2019 17:26
 Operator : JU
 Sample : K5193-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190882-COMPOSITE-N

Quant Time: Oct 07 09:03:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

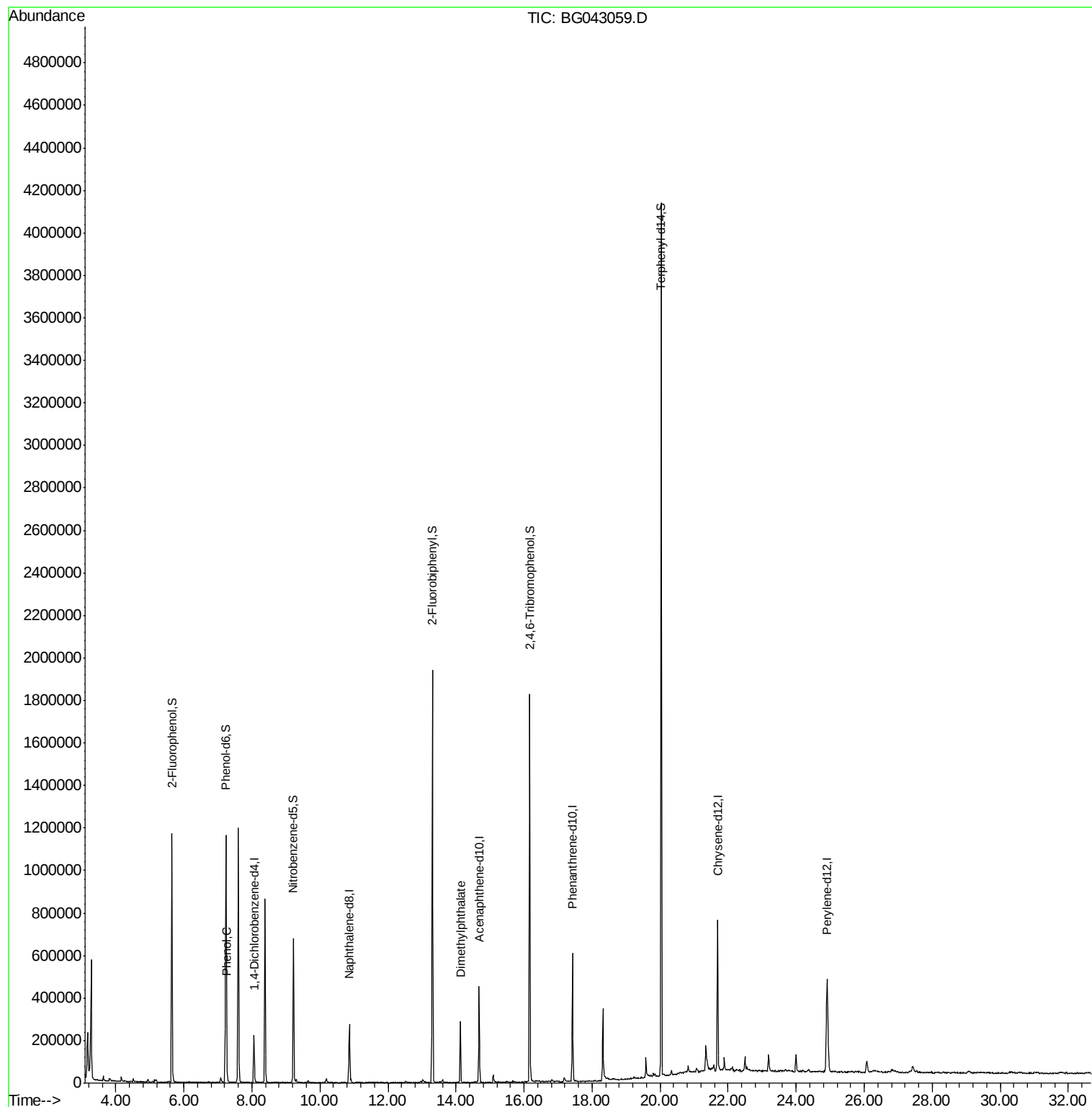
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65832	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	238370	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	168689	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	394663	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	434065	20.00	ng	-0.02
87) Perylene-d12	24.91	264	514255	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	491434	133.22	ng	-0.01
7) Phenol-d6	7.24	99	682845	128.54	ng	0.00
23) Nitrobenzene-d5	9.22	82	428041	87.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	414713	142.97	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1050491	90.28	ng	-0.02
79) Terphenyl-d14	20.03	244	1978371	97.12	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	36423	7.473	ng	95
50) Dimethylphthalate	14.13	163	194198	15.365	ng	# 96

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

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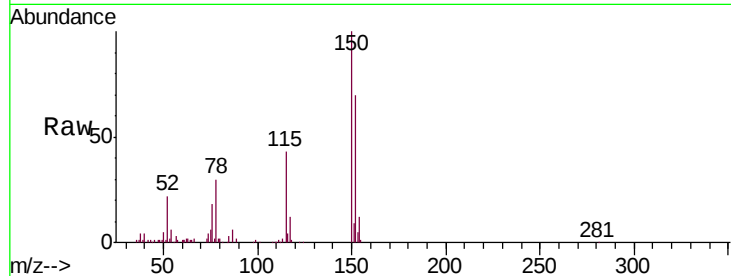


#1

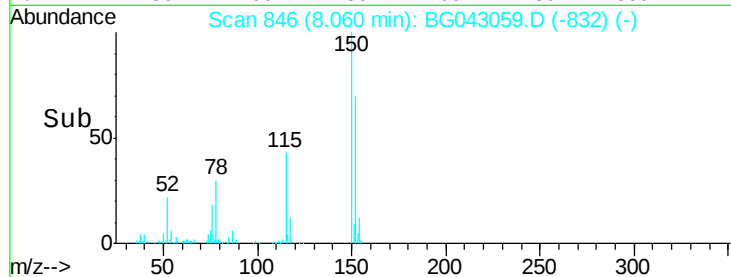
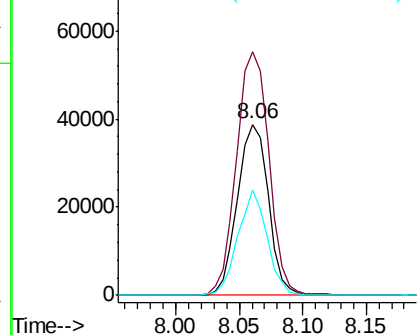
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043059.D
Acq: 5 Oct 2019 17:26

Instrument :
BNA_G
ClientSampleId :
20190882-COMPOSITE-N

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.6	115.0	172.4
115	61.6	47.0	70.6



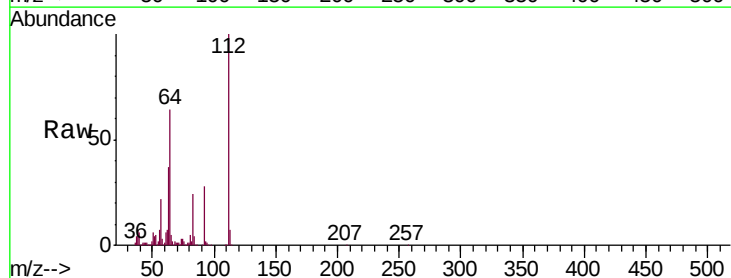
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



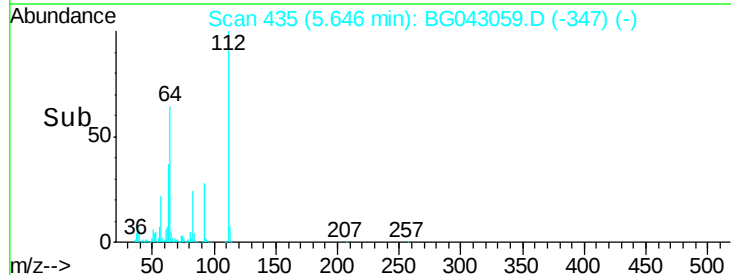
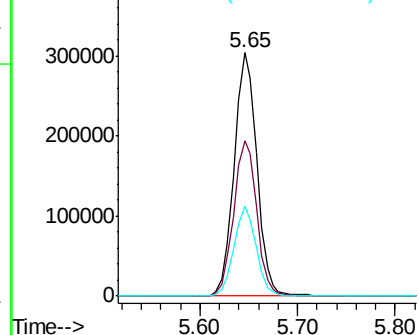
#5

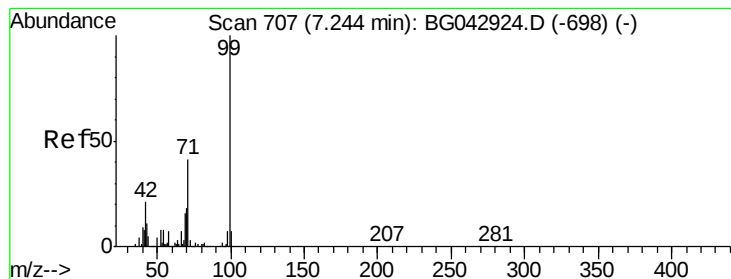
2-Fluorophenol
Concen: 133.221 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043059.D
Acq: 5 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.6	84.8
63	37.0	35.1	52.7



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: 128.544 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

Instrument :

BNA_G

ClientSampleId :

20190882-COMPOSITE-N

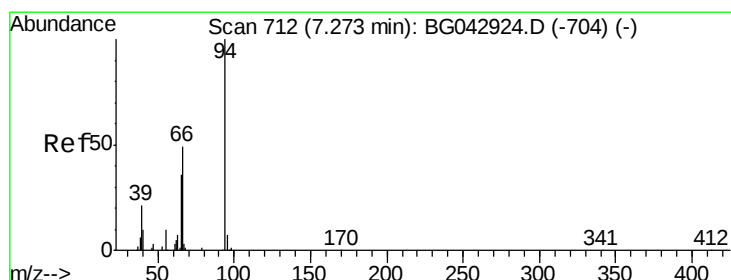
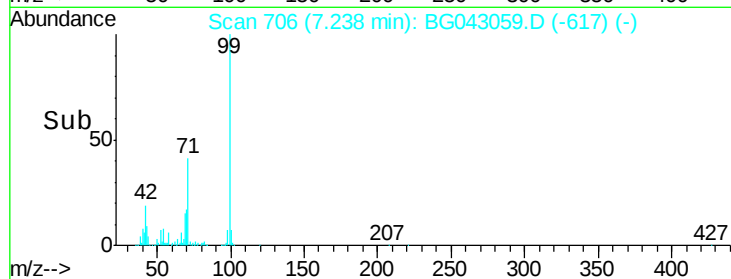
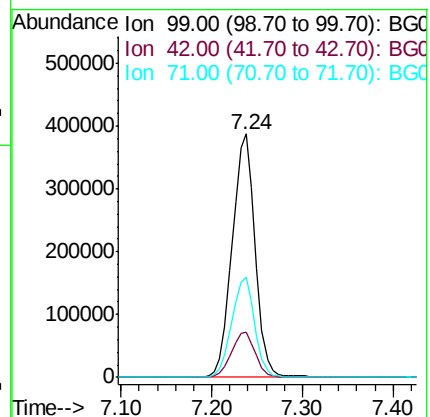
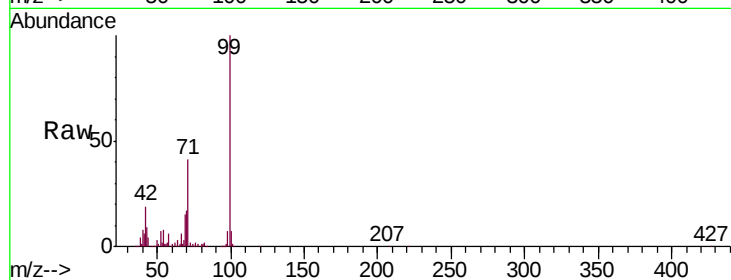
Tgt Ion: 99 Resp: 682845

Ion Ratio Lower Upper

99 100

42 18.8 17.2 25.8

71 41.3 33.1 49.7



#10

Phenol

Concen: 7.473 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

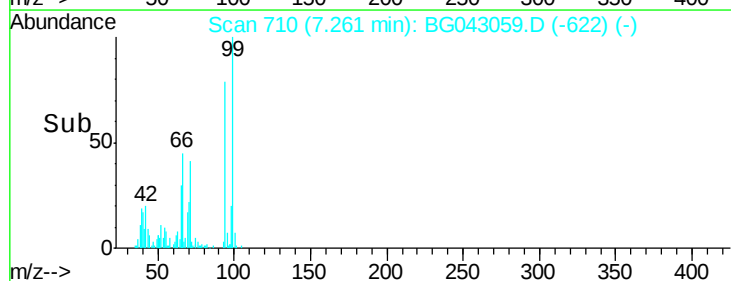
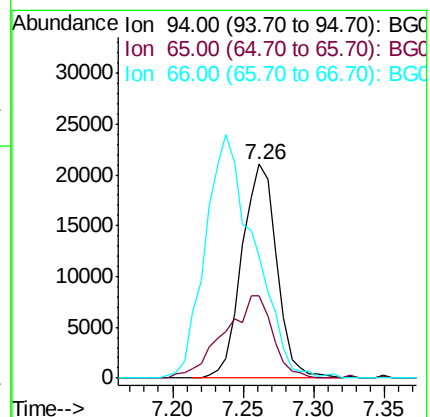
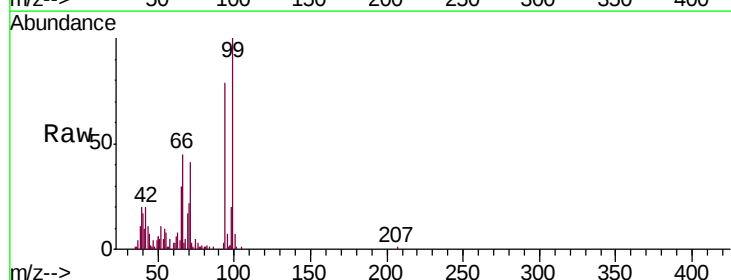
Tgt Ion: 94 Resp: 36423

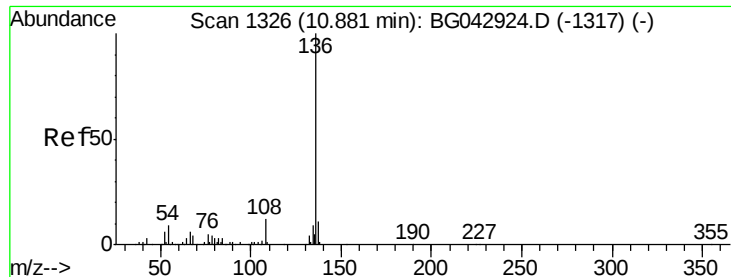
Ion Ratio Lower Upper

94 100

65 38.2 16.6 56.6

66 57.2 32.4 72.4

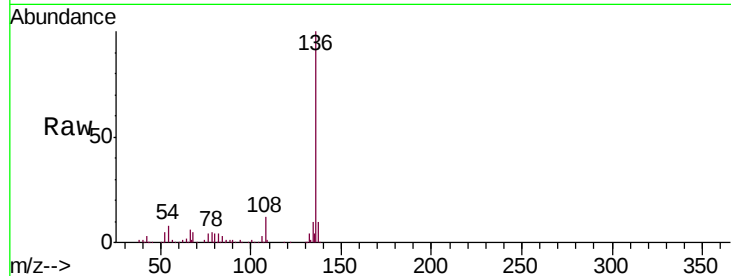




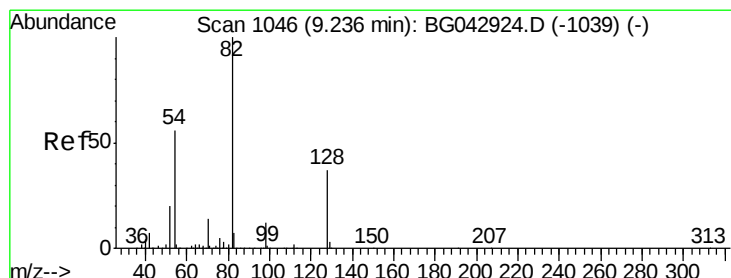
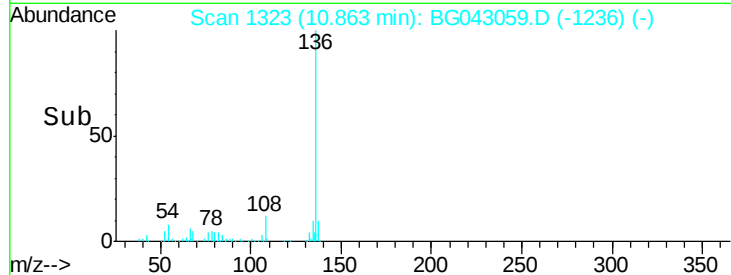
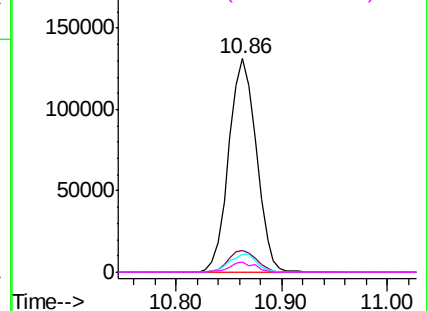
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043059.D
Acq: 5 Oct 2019 17:26

Instrument :
BNA_G
ClientSampleId :
20190882-COMPOSITE-N

Tgt Ion:	136	Resp:	238370
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	8.3	7.4	11.2
68	4.6	3.6	5.4

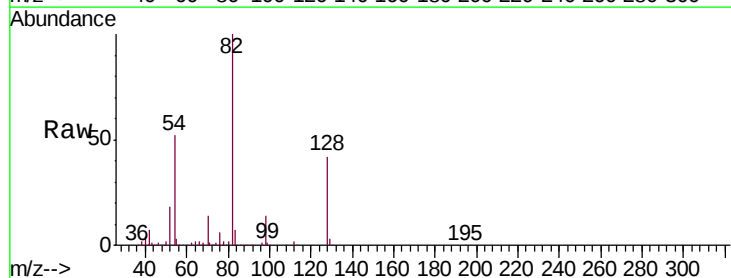


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

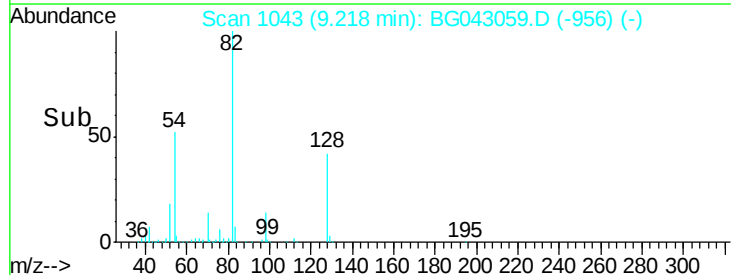
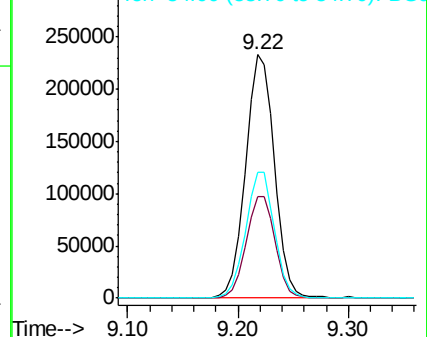


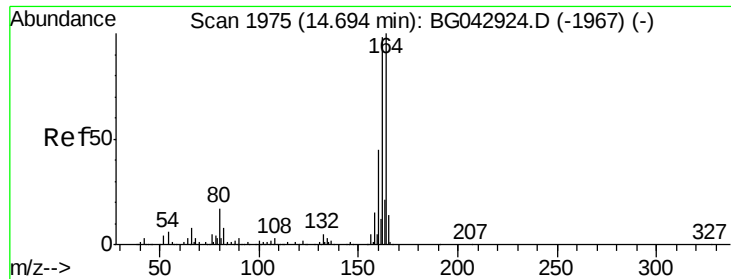
#23
Nitrobenzene-d5
Concen: 87.280 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043059.D
Acq: 5 Oct 2019 17:26

Tgt Ion:	82	Resp:	428041
Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.5	44.3
54	51.9	44.6	67.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

Instrument :

BNA_G

ClientSampleId :

20190882-COMPOSITE-N

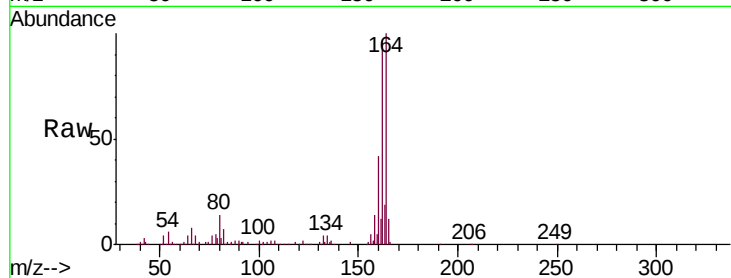
Tgt Ion:164 Resp: 168689

Ion Ratio Lower Upper

164 100

162 96.9 78.5 117.7

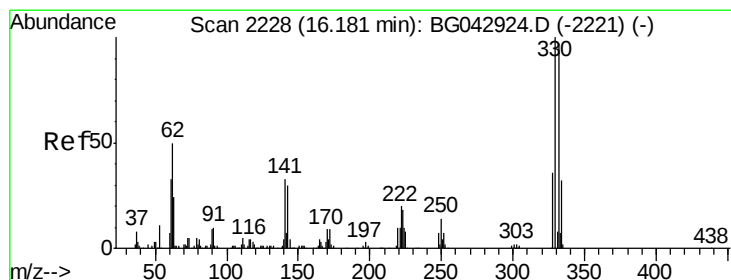
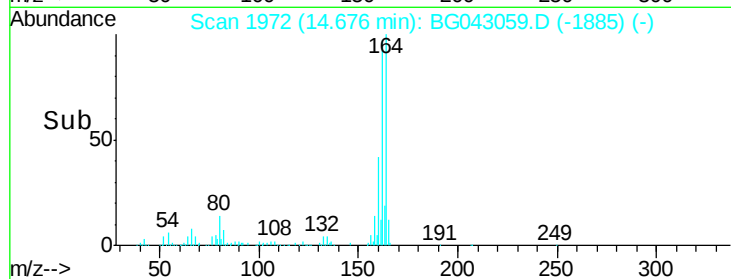
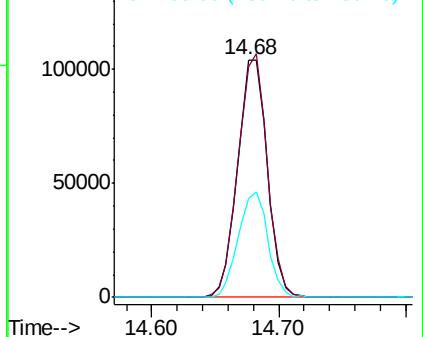
160 41.6 35.9 53.9



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: 142.969 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

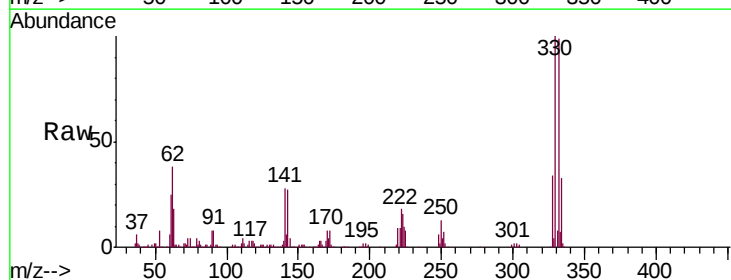
Tgt Ion:330 Resp: 414713

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.2

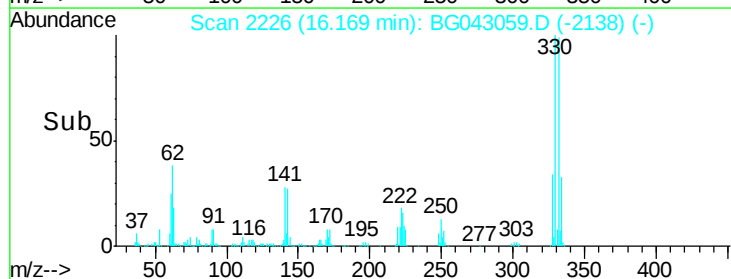
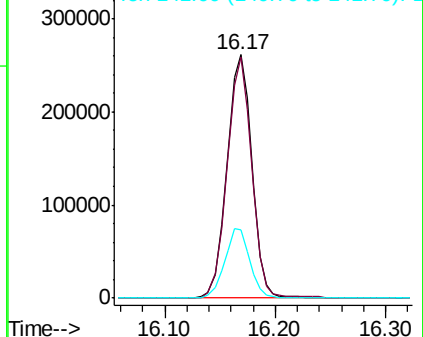
141 28.5 26.0 39.0

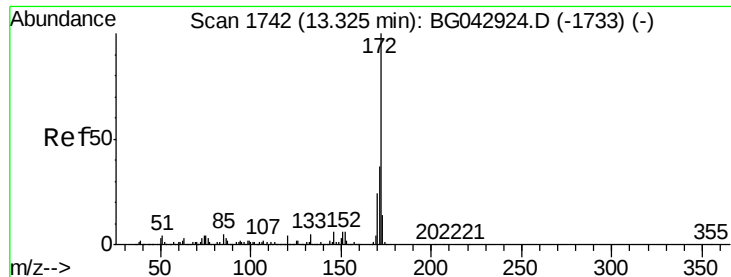


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

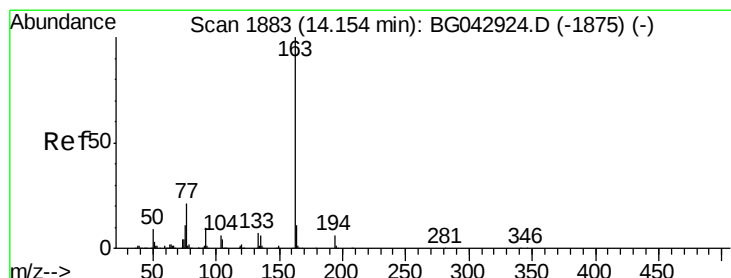
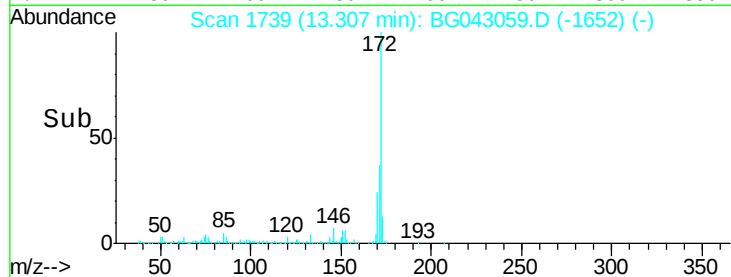
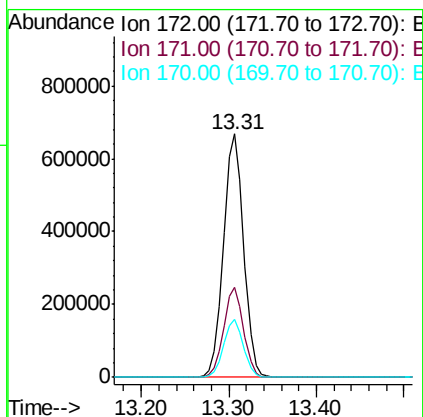
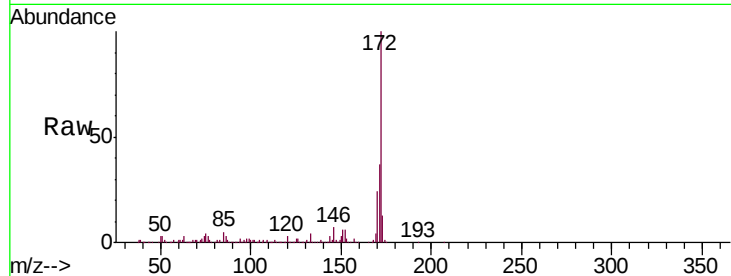




#45
2-Fluorobiphenyl
Concen: 90.278 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043059.D
Acq: 5 Oct 2019 17:26

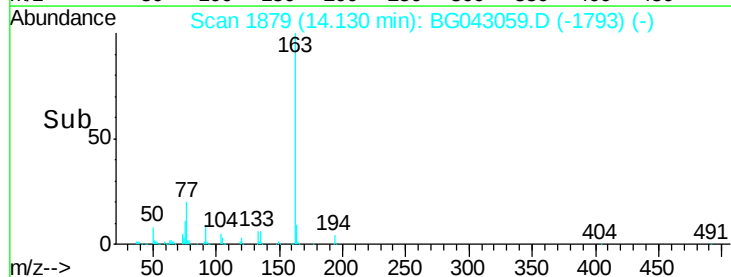
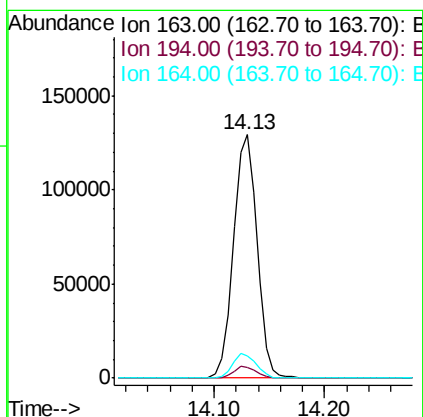
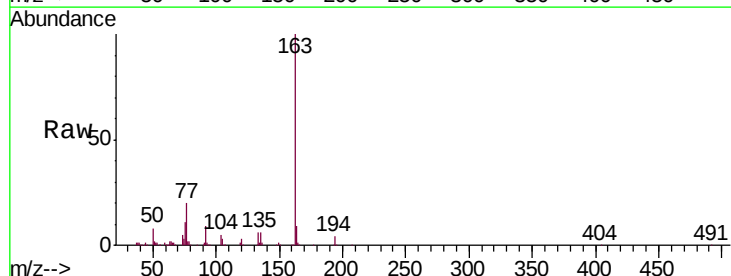
Instrument :
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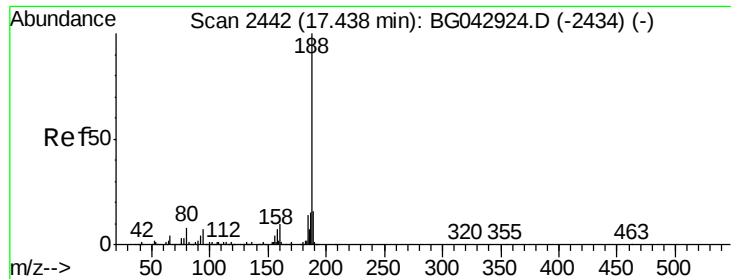
Tgt Ion:172 Resp: 1050491
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.7 19.6 29.4



#50
Dimethylphthalate
Concen: 15.365 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG043059.D
Acq: 5 Oct 2019 17:26

Tgt Ion:163 Resp: 194198
Ion Ratio Lower Upper
163 100
194 4.4 4.4 6.6#
164 9.1 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

Instrument :

BNA_G

ClientSampleId :

20190882-COMPOSITE-N

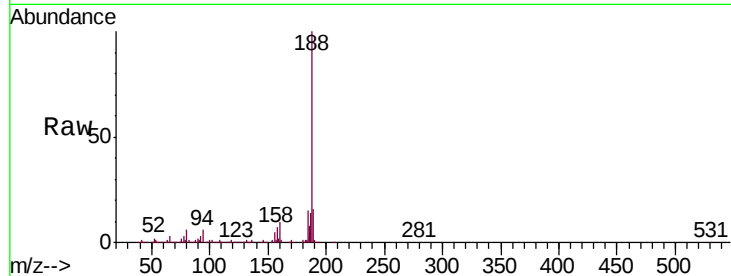
Tgt Ion:188 Resp: 394663

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

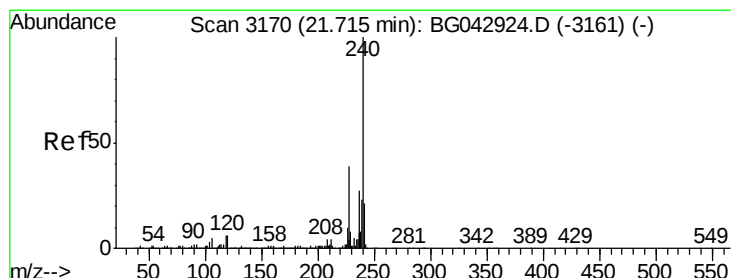
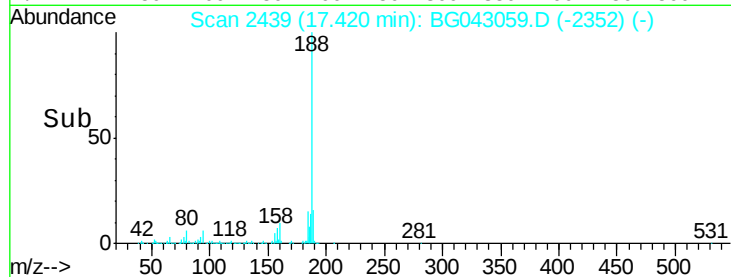
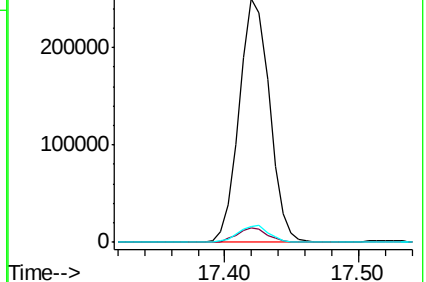
80 6.5 6.5 9.7



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: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

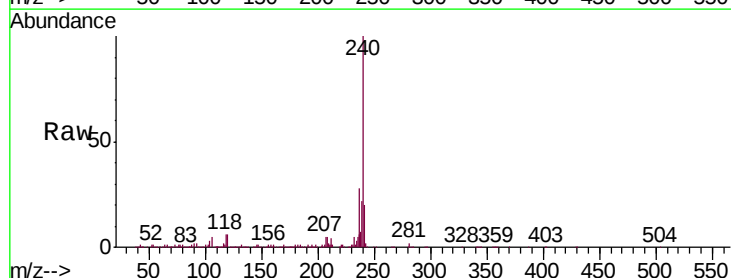
Tgt Ion:240 Resp: 434065

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

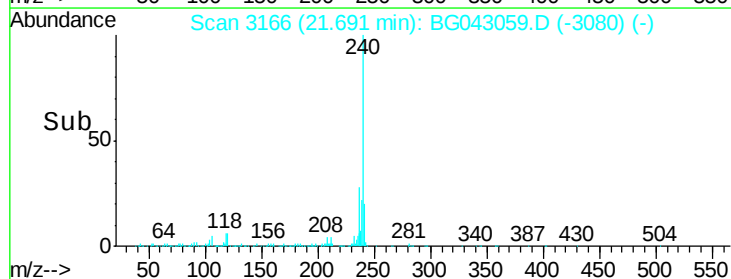
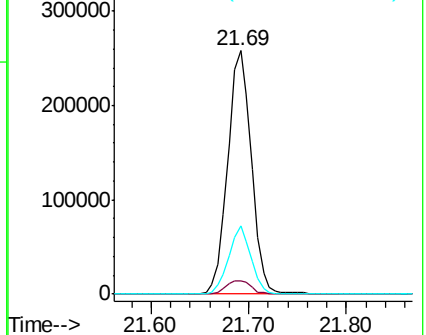
236 28.3 21.4 32.0

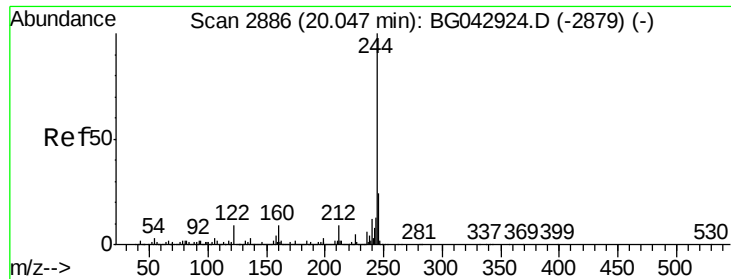


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.121 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

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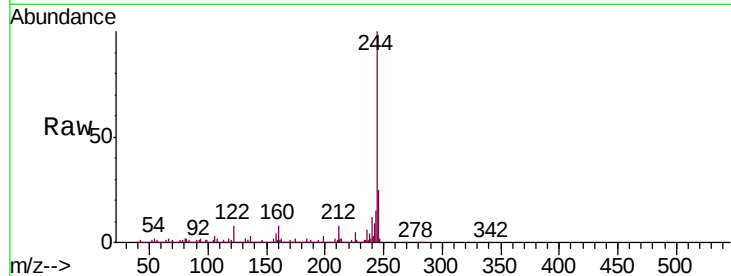
Tgt Ion:244 Resp: 1978371

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

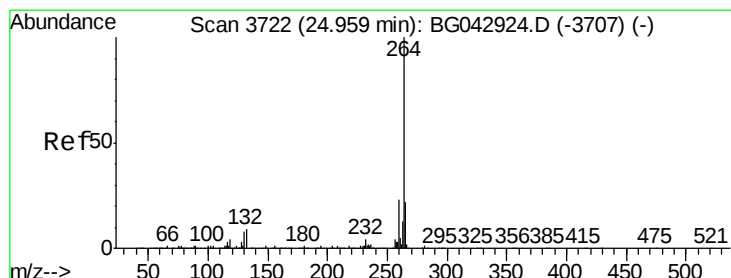
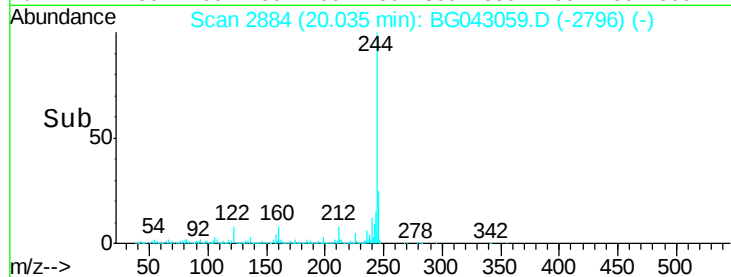
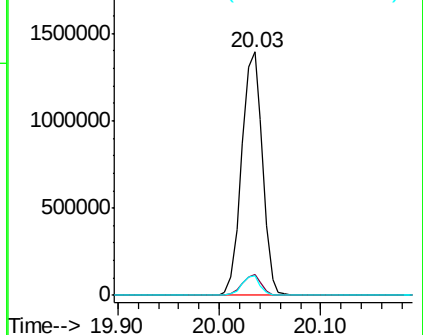
122 7.8 7.0 10.4



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: 24.91 min Scan# 3713

Delta R.T. -0.05 min

Lab File: BG043059.D

Acq: 5 Oct 2019 17:26

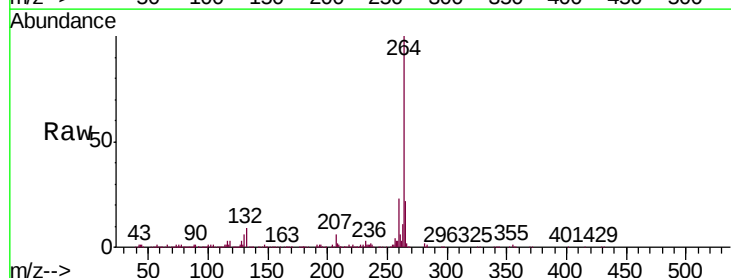
Tgt Ion:264 Resp: 514255

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 17.7 26.5



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

