

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG060719\
 Data File : BG041096.D
 Acq On : 7 Jun 2019 11:36
 Operator : HP/JU
 Sample : PB120399BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BL

Quant Time: Jun 08 17:40:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	32419	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	128942	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	107951	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	314513	20.00	ng	0.00
76) Chrysene-d12	21.76	240	313048	20.00	ng	0.00
87) Perylene-d12	25.08	264	329097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	260073	144.66	ng	0.00
7) Phenol-d6	7.25	99	378941	136.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	251922	86.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	234395	146.26	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	638271	85.15	ng	0.00
79) Terphenyl-d14	20.08	244	1347656	91.37	ng	0.00

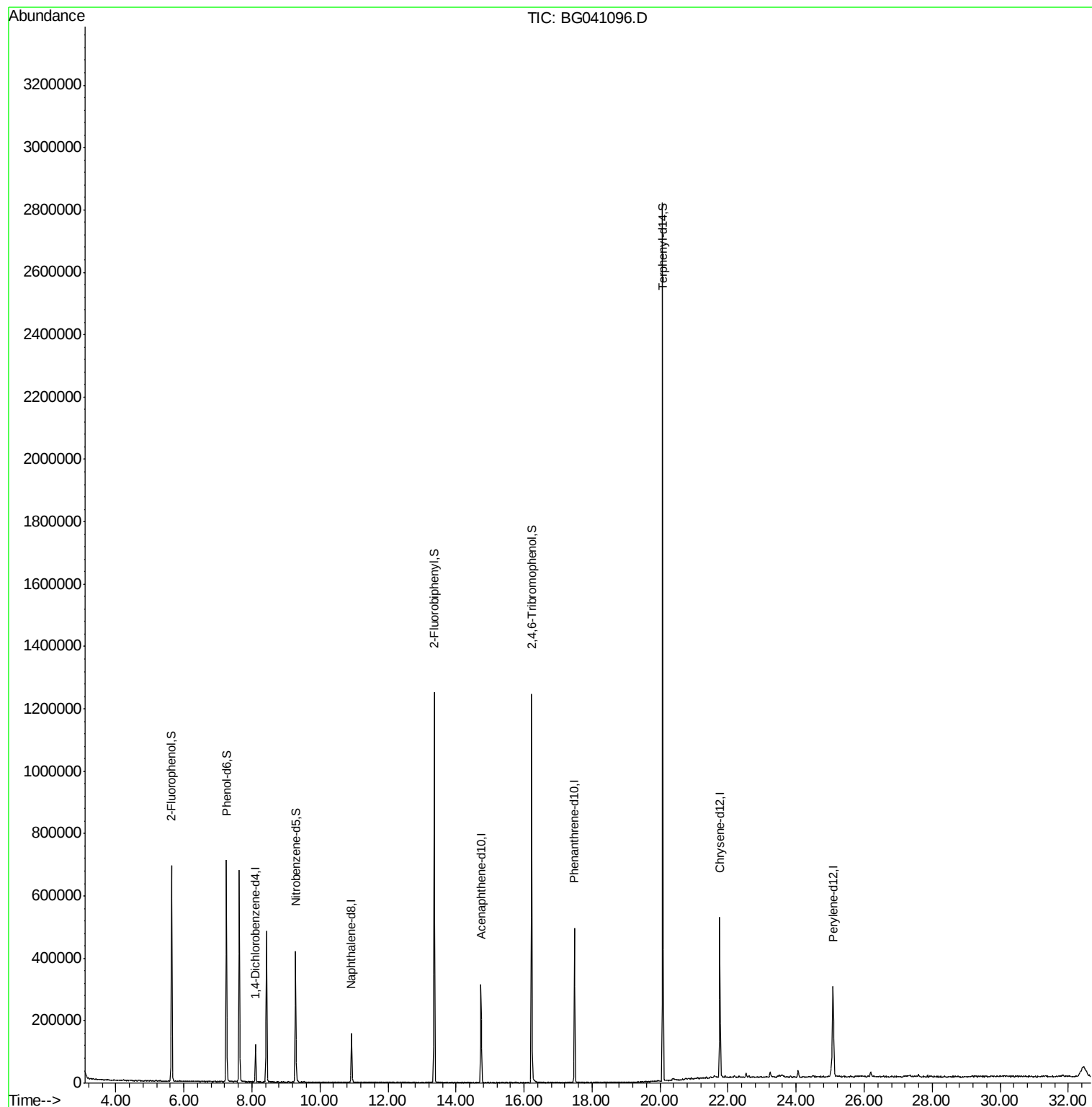
Target Compounds Qvalue

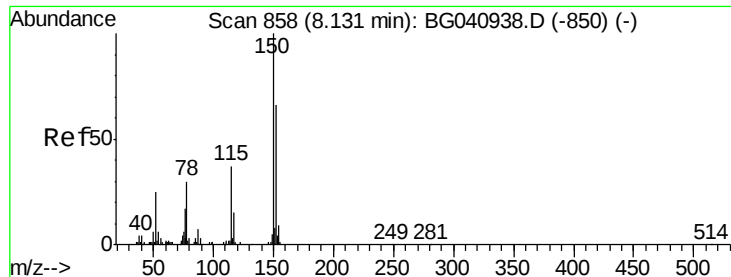
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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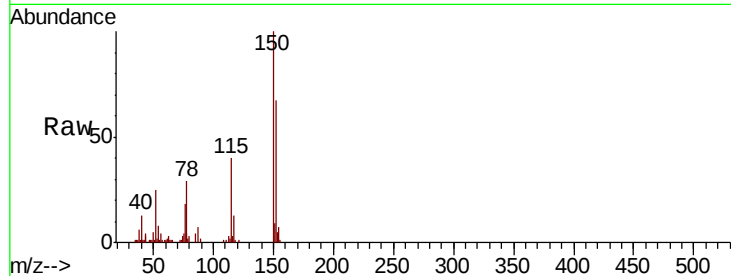


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	111.7	167.5
115	59.0	48.6	73.0

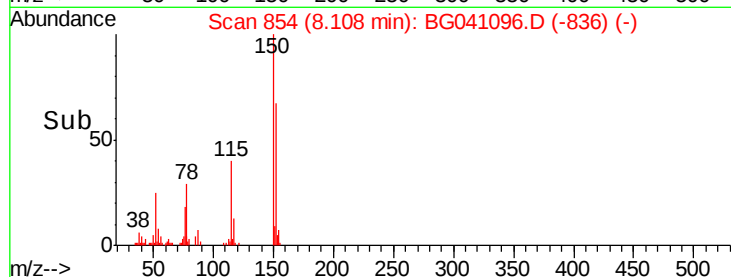
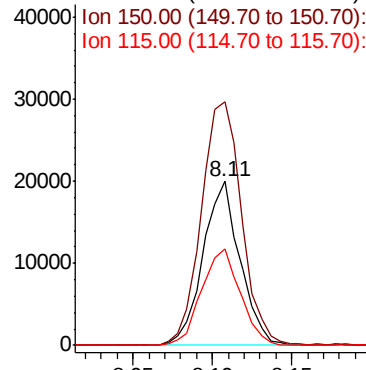


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

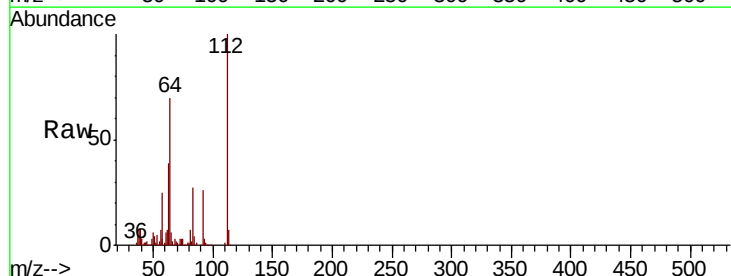
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.658 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	54.5	81.7
63	39.4	32.2	48.2

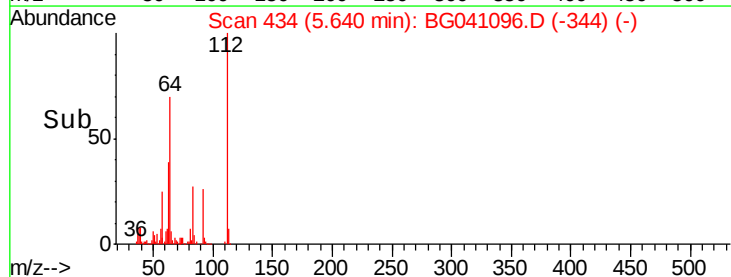
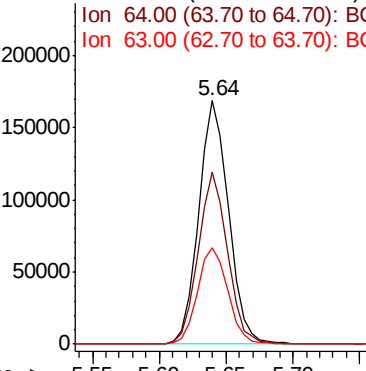


Abundance

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: 136.477 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041096.D

Acq: 7 Jun 2019 11:36

Instrument :

BNA_G

ClientSampleId :

PB120399BL

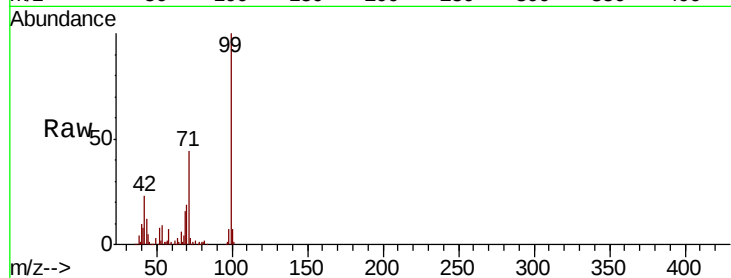
Tot Ion: 99 Resp: 378941

Ion Ratio Lower Upper

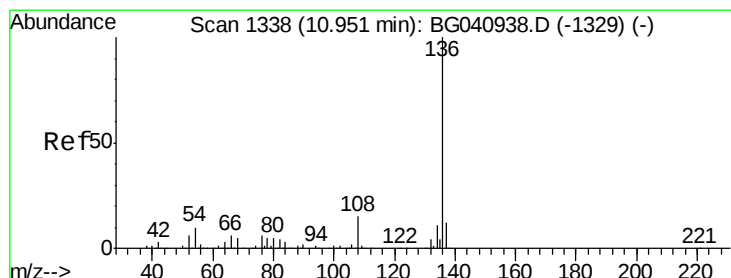
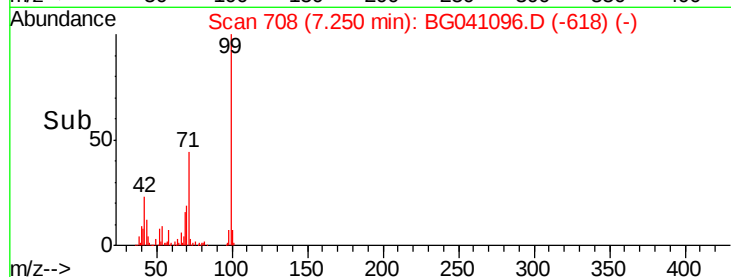
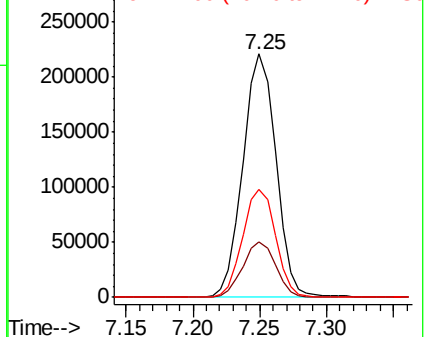
99 100

42 22.9 18.8 28.2

71 44.2 35.6 53.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041096.D

Acq: 7 Jun 2019 11:36

Tgt Ion: 136 Resp: 128942

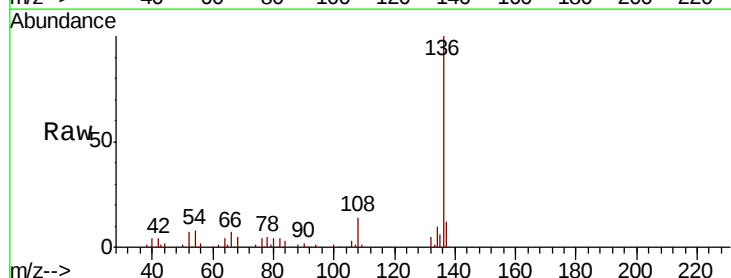
Ion Ratio Lower Upper

136 100

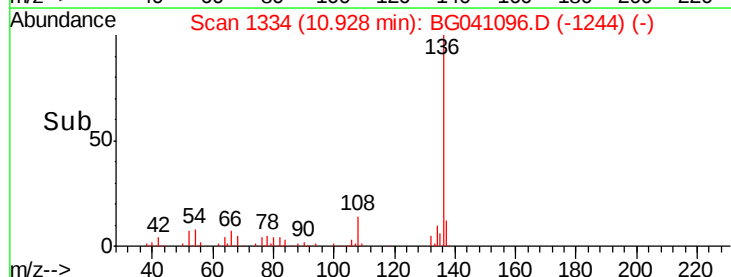
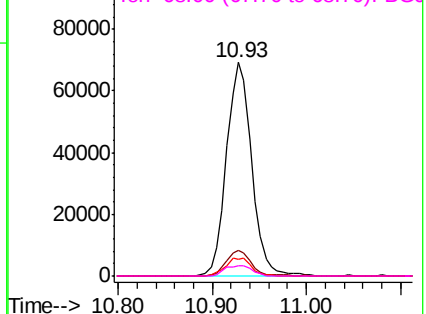
137 12.2 8.9 13.3

54 8.0 7.4 11.2

68 4.8 4.0 6.0



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

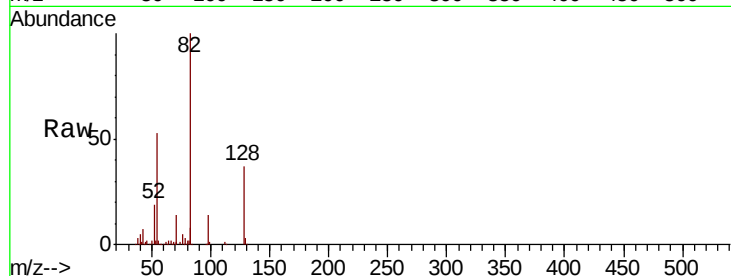




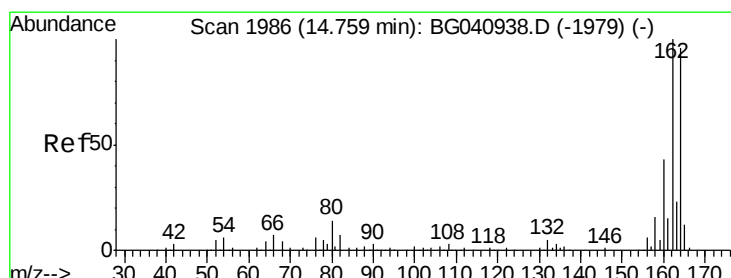
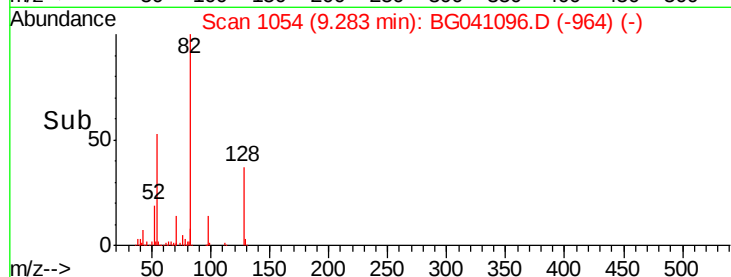
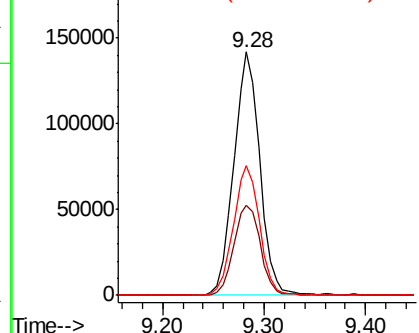
#23
Nitrobenzene-d5
Concen: 86.735 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tot Ion: 82 Resp: 251922
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.6
54 53.2 43.6 65.4

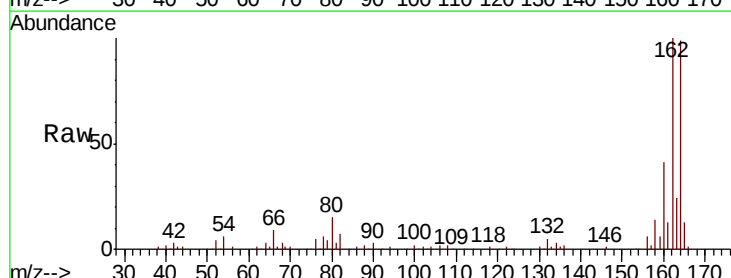


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

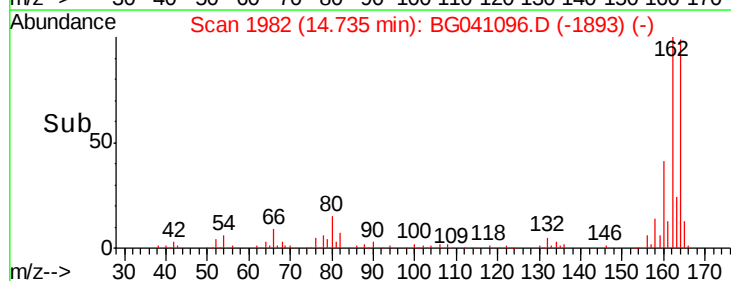
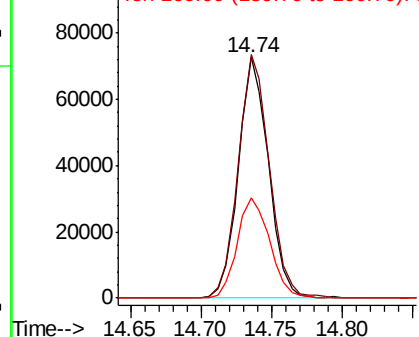


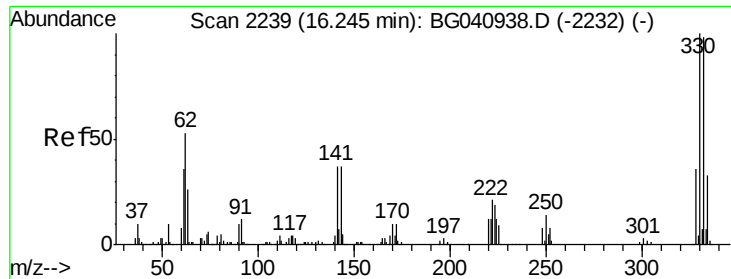
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion: 164 Resp: 107951
Ion Ratio Lower Upper
164 100
162 101.0 85.4 128.0
160 41.7 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

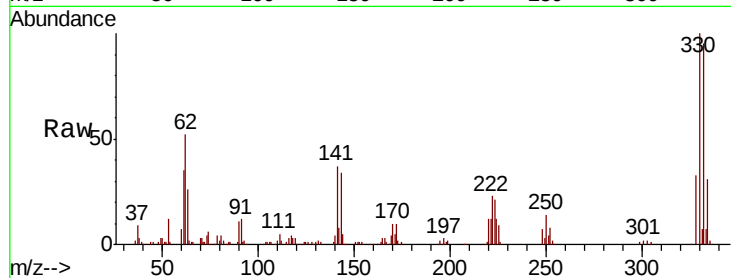




#42
 2,4,6-Tribromophenol
 Concen: 146.258 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041096.D
 Acq: 7 Jun 2019 11:36

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.9	116.9
141	35.0	29.0	43.4

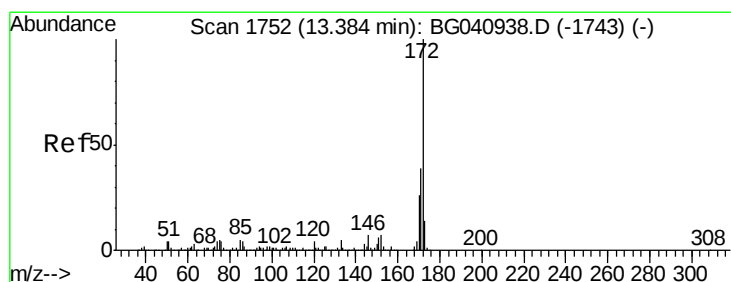
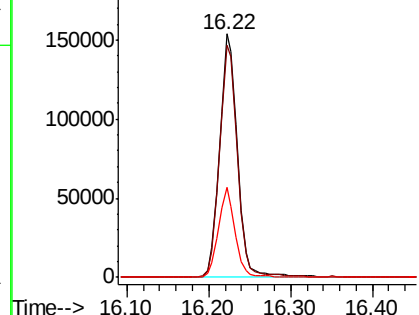
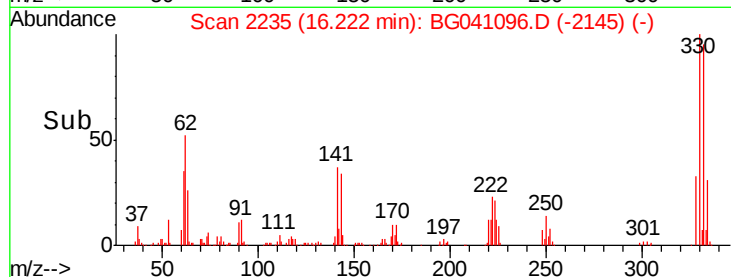


Abundance

Ion 329.80 (329.50 to 330.50): E

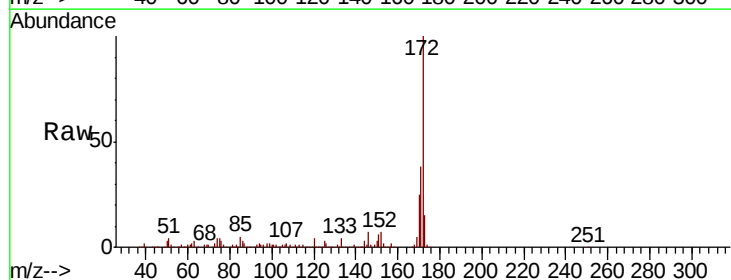
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.148 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041096.D
 Acq: 7 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	24.8	21.3	31.9

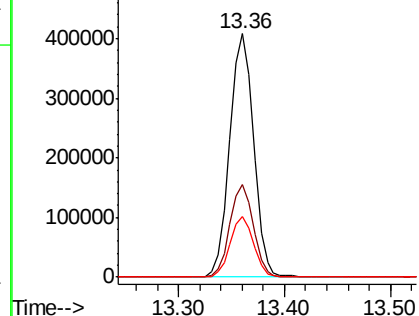
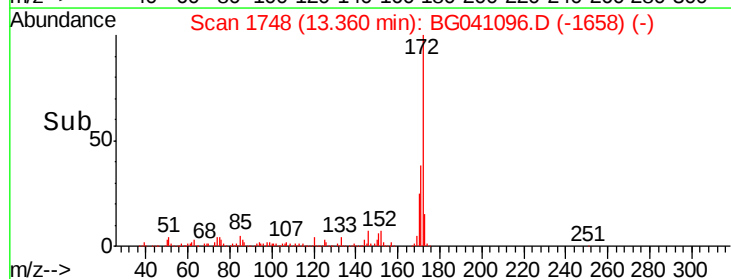


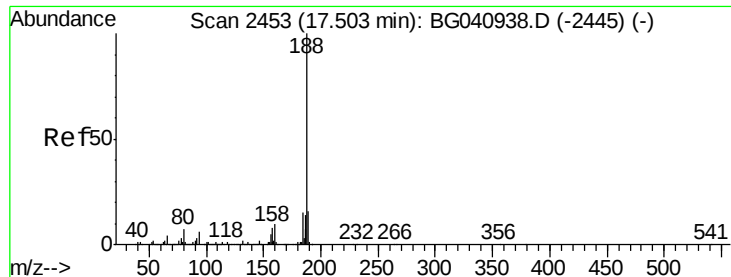
Abundance

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041096.D

Acq: 7 Jun 2019 11:36

Instrument :

BNA_G

ClientSampleId :

PB120399BL

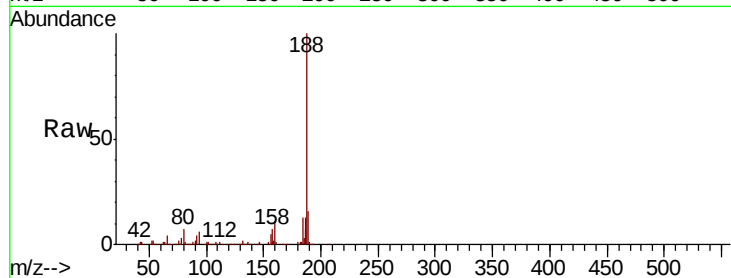
Tot Ion:188 Resp: 314513

Ion Ratio Lower Upper

188 100

94 5.9 4.6 7.0

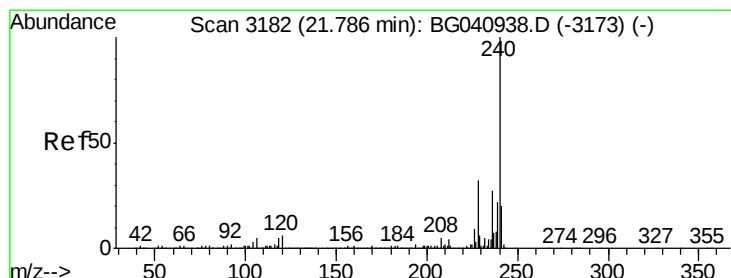
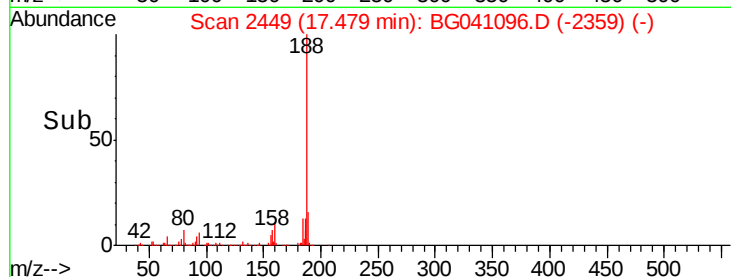
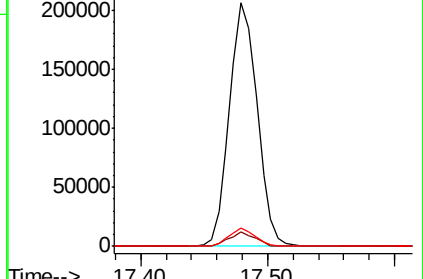
80 7.3 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041096.D

Acq: 7 Jun 2019 11:36

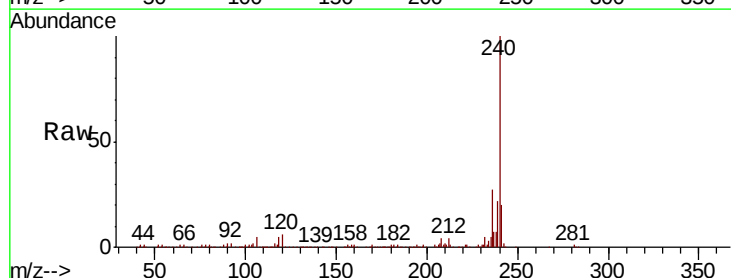
Tgt Ion:240 Resp: 313048

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

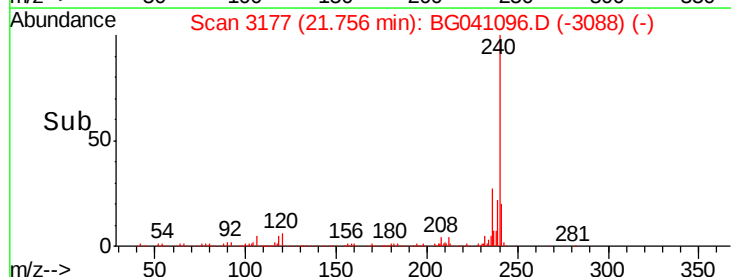
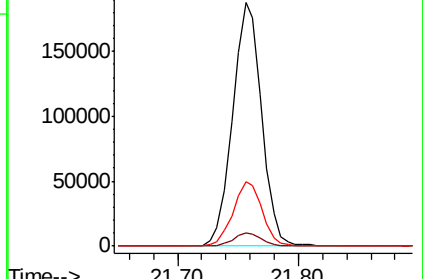
236 26.7 20.6 31.0

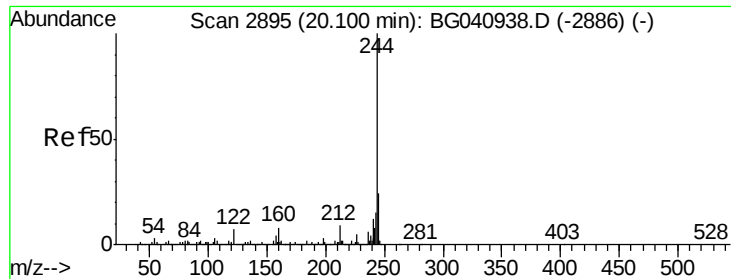


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.366 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041096.D

Acq: 7 Jun 2019 11:36

Instrument :

BNA_G

ClientSampleId :

PB120399BL

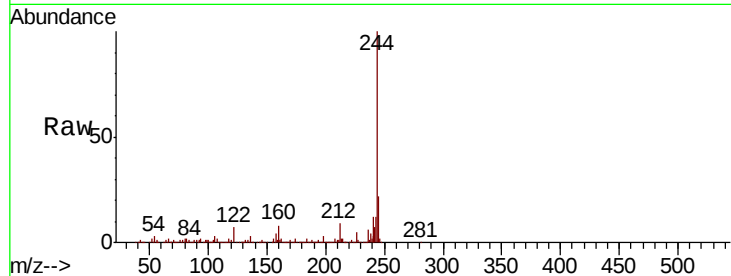
Tot Ion:244 Resp: 1347656

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

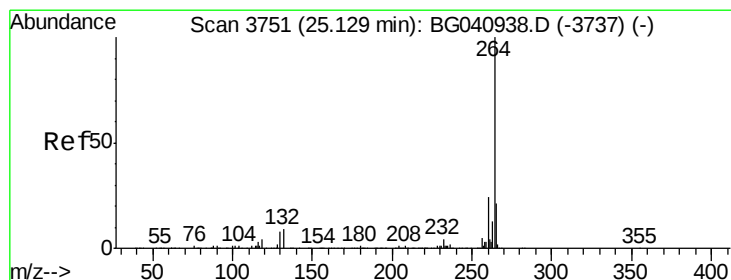
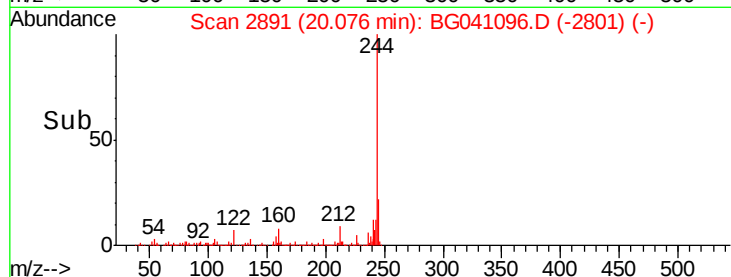
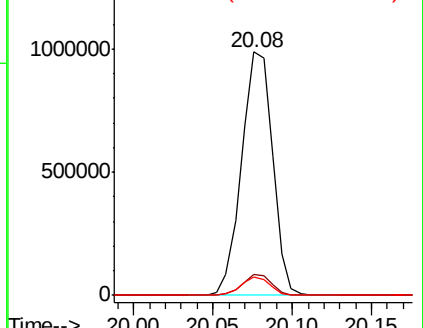
122 7.4 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041096.D

Acq: 7 Jun 2019 11:36

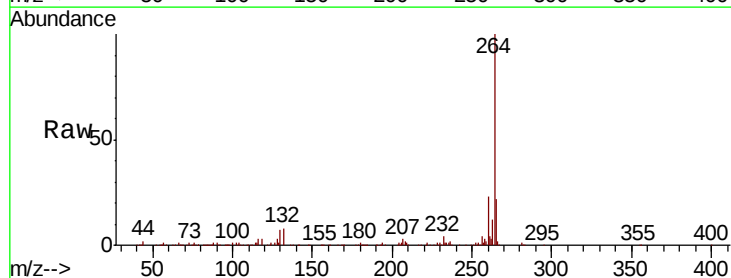
Tgt Ion:264 Resp: 329097

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.7 17.6 26.4



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

