

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041875.D
 Acq On : 1 Aug 2019 22:37
 Operator : HP/JU
 Sample : K4044-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Aug 02 03:57:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82044	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	300499	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	201355	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	456377	20.00	ng	0.00
76) Chrysene-d12	21.73	240	626525	20.00	ng	0.00
87) Perylene-d12	25.00	264	751065	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	513664	121.81	ng	0.00
7) Phenol-d6	7.19	99	620951	109.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	464702	106.42	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	319974	139.90	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1168581	102.36	ng	0.00
79) Terphenyl-d14	20.07	244	2220210	81.09	ng	0.00

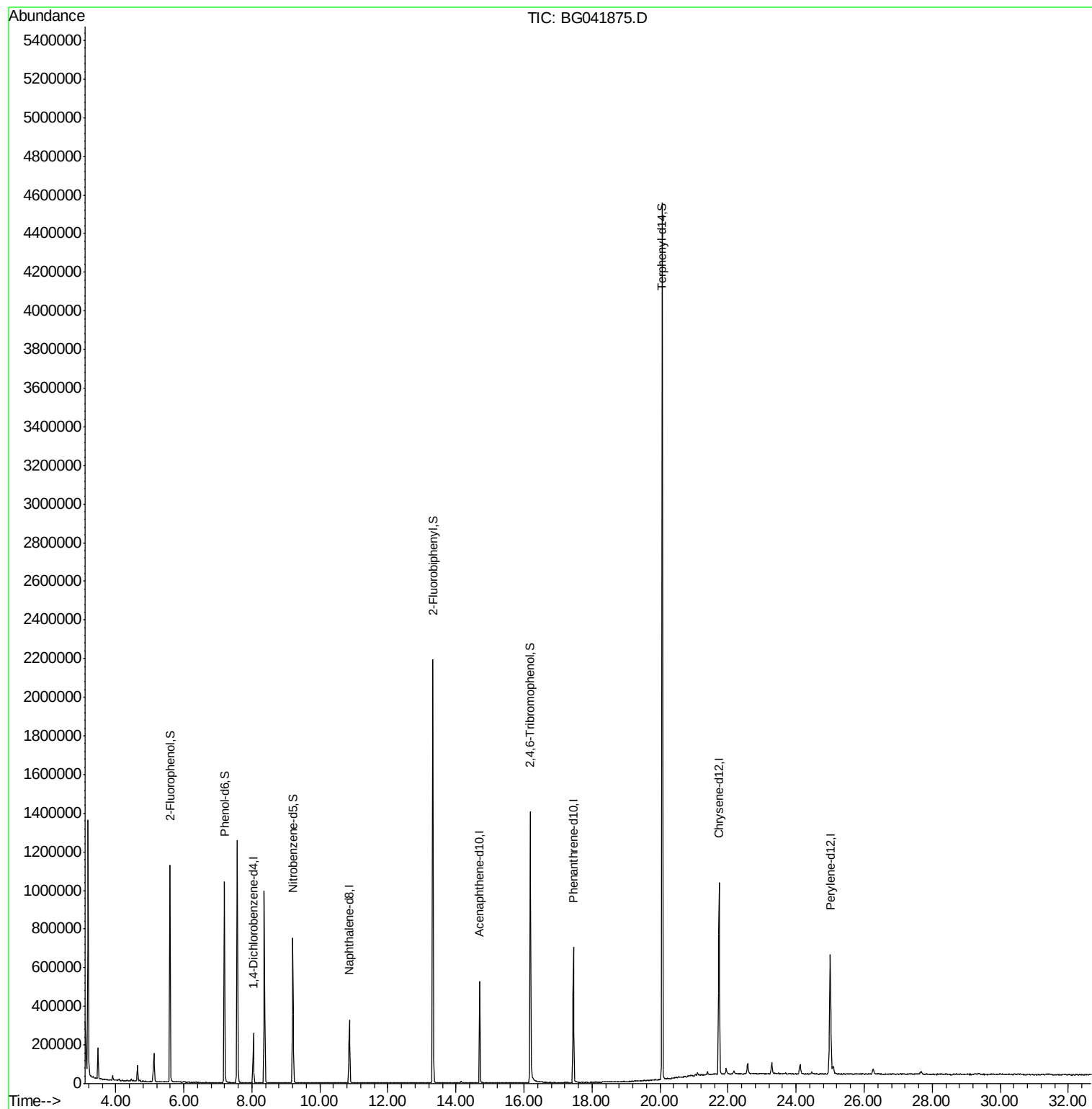
Target Compounds Qvalue

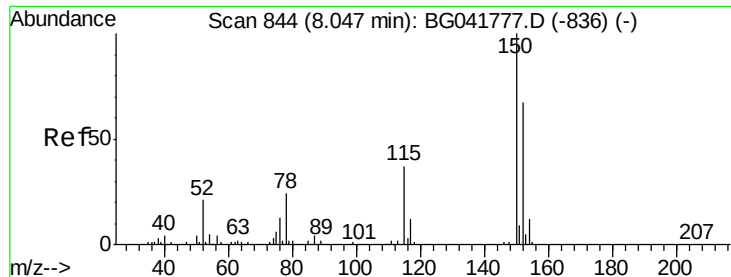
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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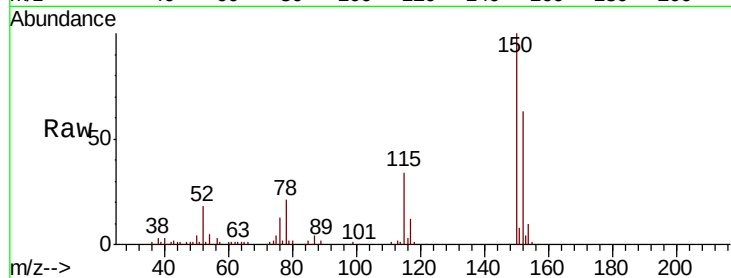


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041875.D
Acq: 1 Aug 2019 22:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.9	190.3
115	53.1	45.0	67.6

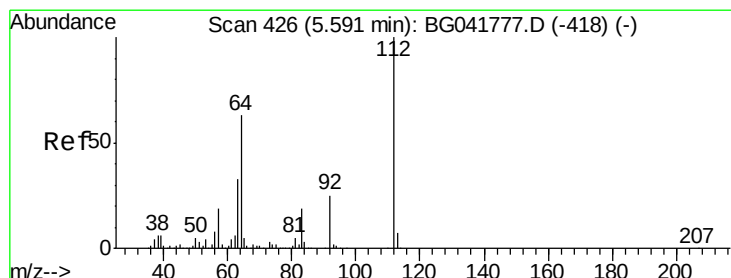
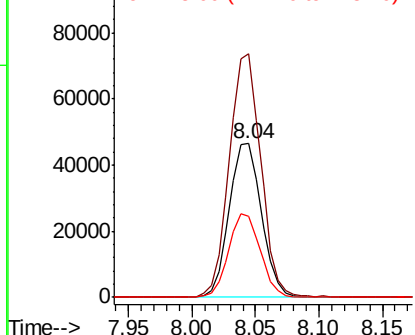
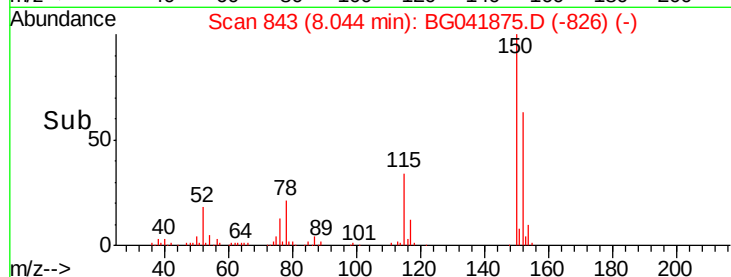


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

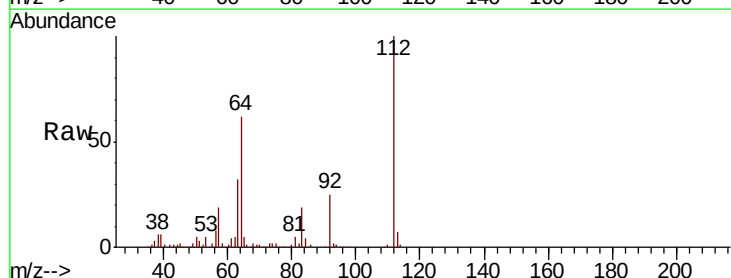
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.812 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041875.D
Acq: 1 Aug 2019 22:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	55.4	83.2
63	32.4	29.1	43.7

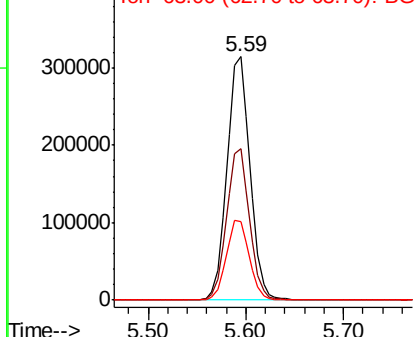
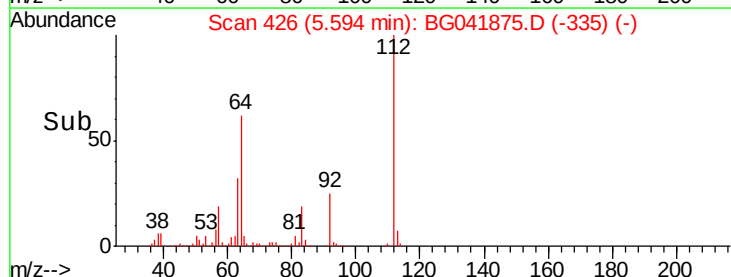


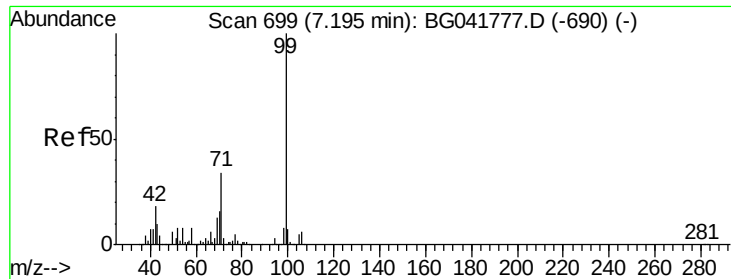
Abundance

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: 109.226 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

Instrument :

BNA_G

ClientSampled :

TP-4

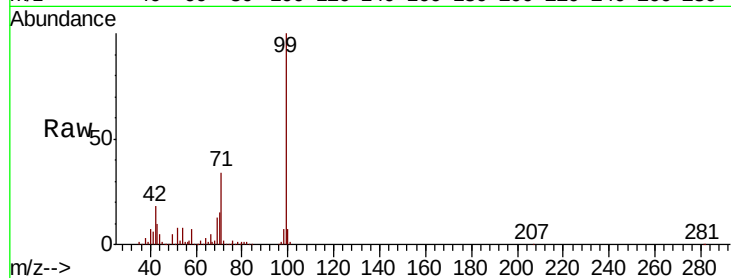
Tot Ion: 99 Resp: 620951

Ion Ratio Lower Upper

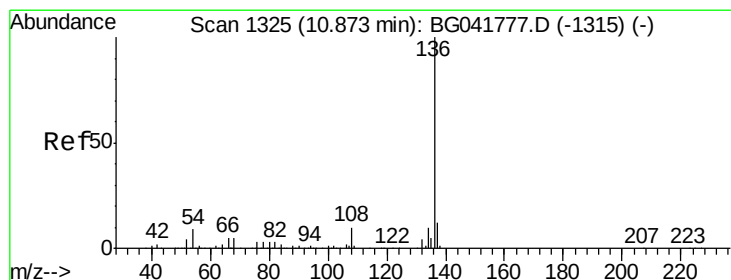
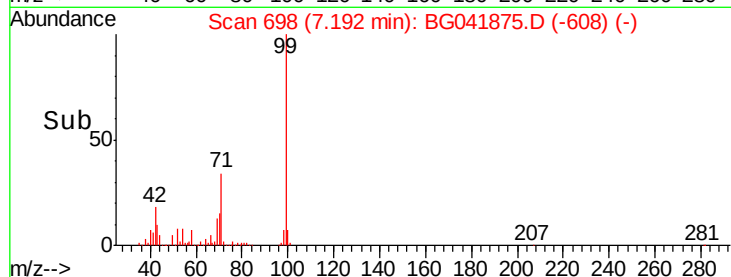
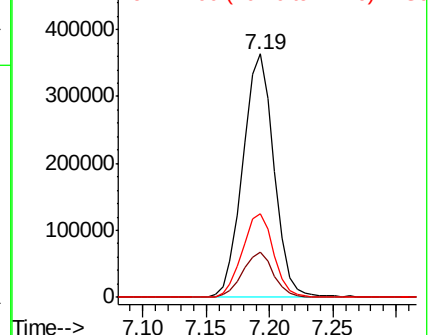
99 100

42 18.4 17.6 26.4

71 34.2 27.8 41.6



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. -0.01 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

Tgt Ion: 136 Resp: 300499

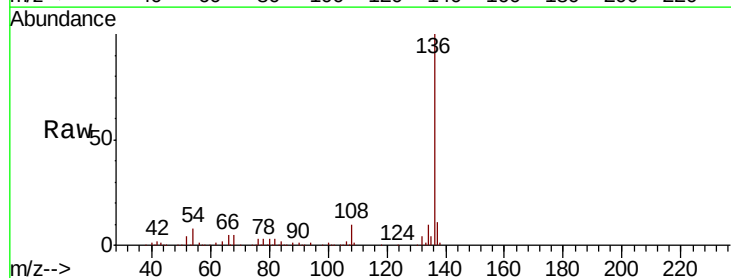
Ion Ratio Lower Upper

136 100

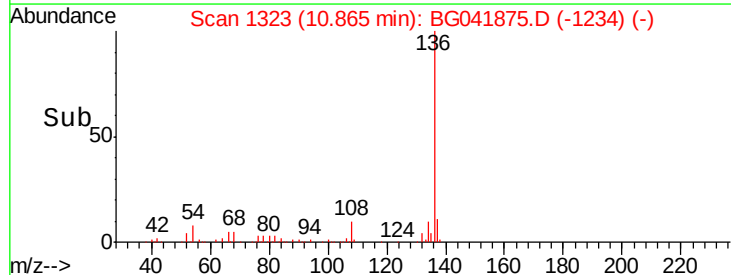
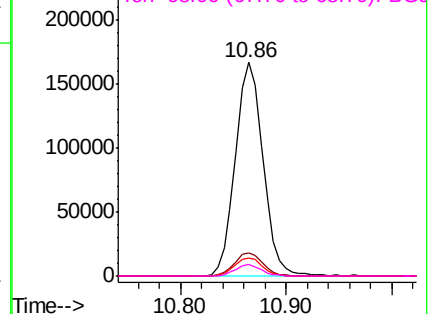
137 11.0 9.2 13.8

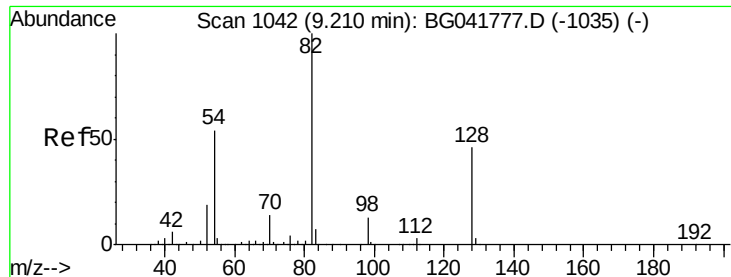
54 8.4 8.7 13.1#

68 5.4 5.5 8.3#



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

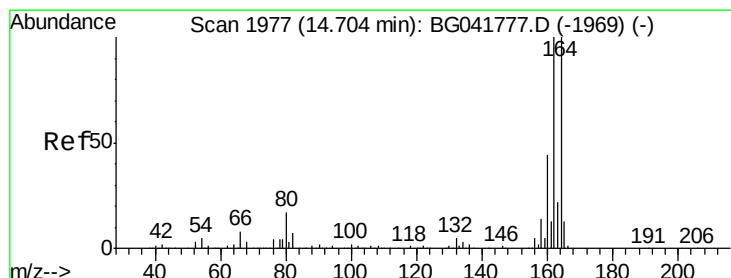
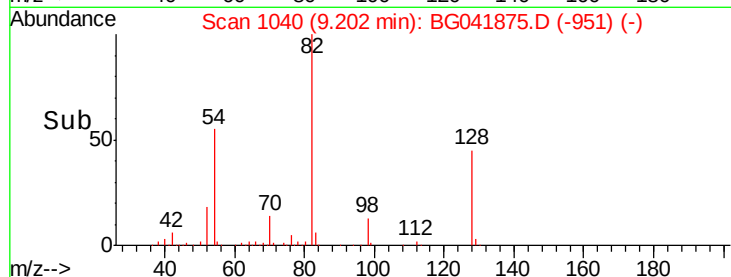
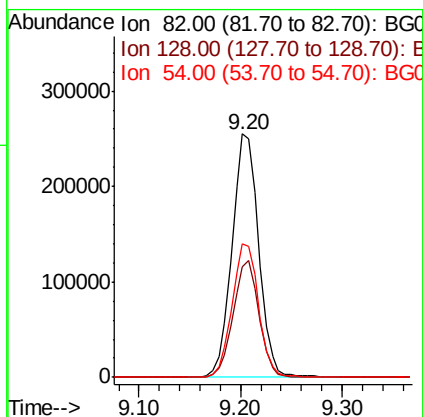
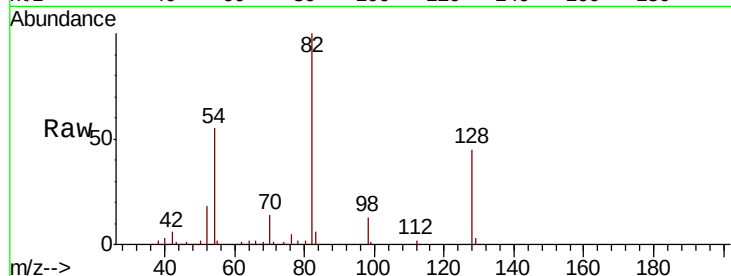




#23
 Nitrobenzene-d5
 Concen: 106.420 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041875.D
 Acq: 1 Aug 2019 22:37

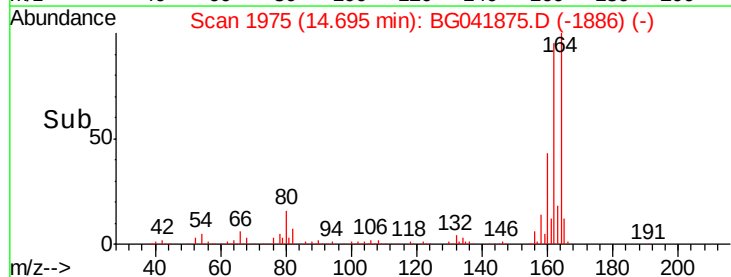
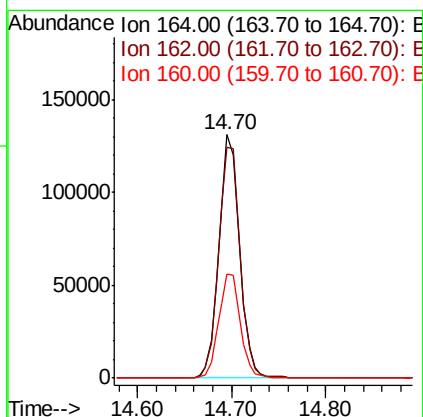
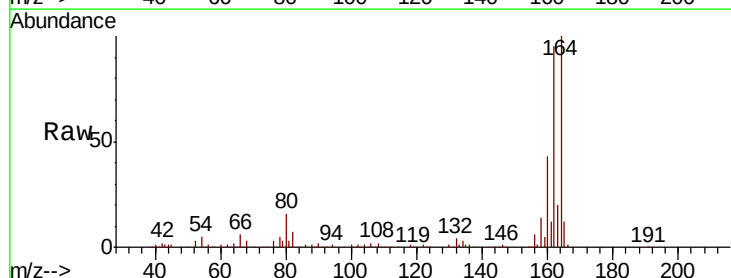
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

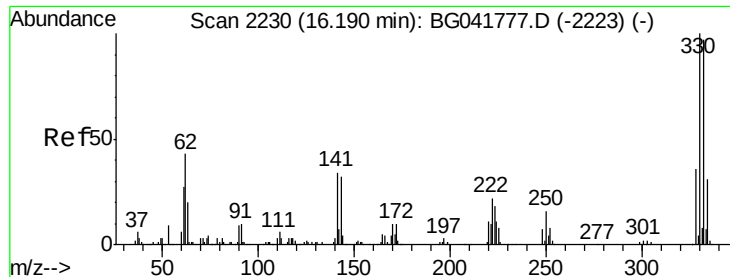
Tot Ion: 82 Resp: 464702
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.1 52.7
 54 54.7 48.7 73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG041875.D
 Acq: 1 Aug 2019 22:37

Tgt Ion: 164 Resp: 201355
 Ion Ratio Lower Upper
 164 100
 162 94.8 79.6 119.4
 160 42.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.903 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

Instrument :

BNA_G

ClientSampleId :

TP-4

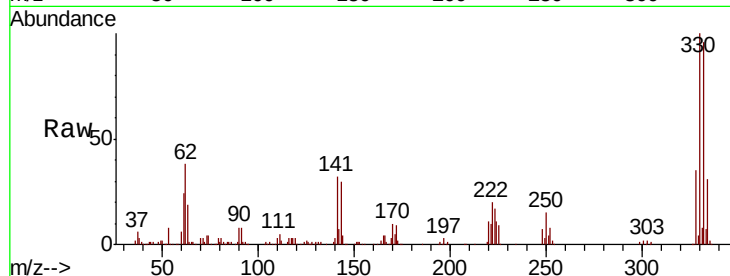
Tot Ion:330 Resp: 319974

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

141 33.5 31.9 47.9

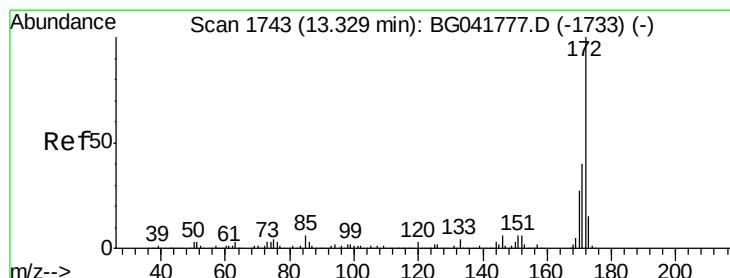
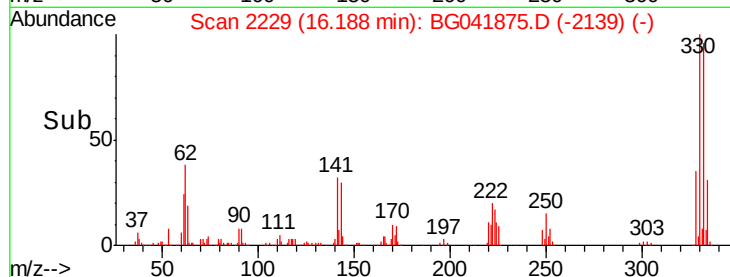
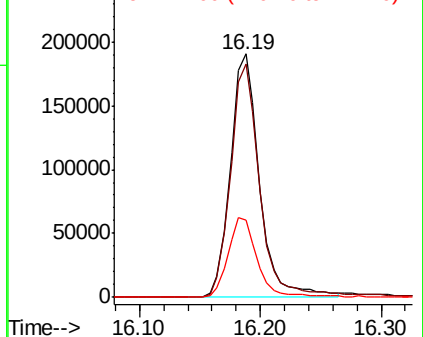


Abundance

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: 102.359 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

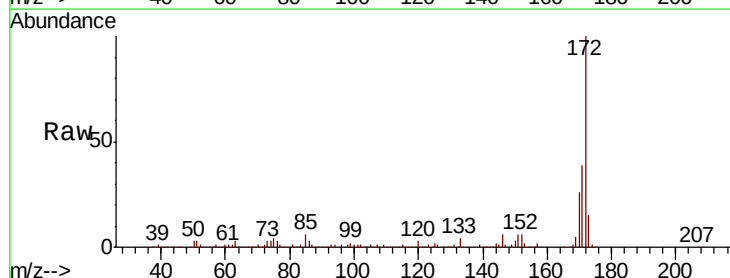
Tgt Ion:172 Resp: 1168581

Ion Ratio Lower Upper

172 100

171 38.7 35.0 52.4

170 25.9 23.5 35.3

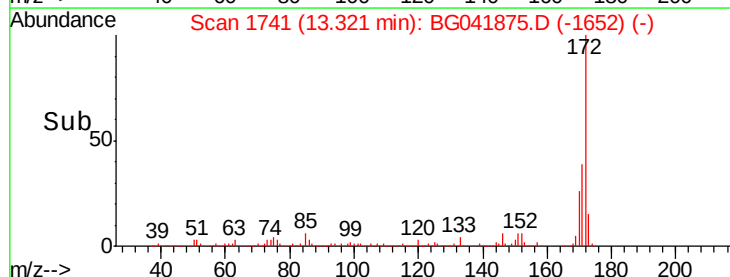
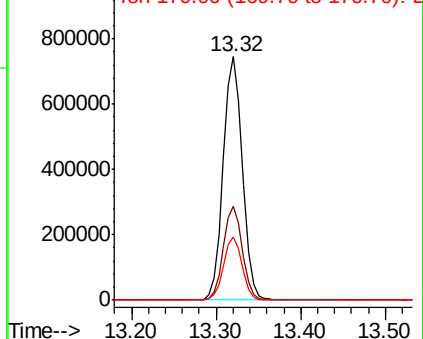


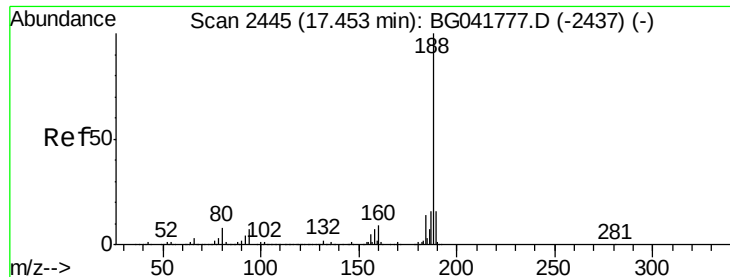
Abundance

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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

Instrument :

BNA_G

ClientSampleId :

TP-4

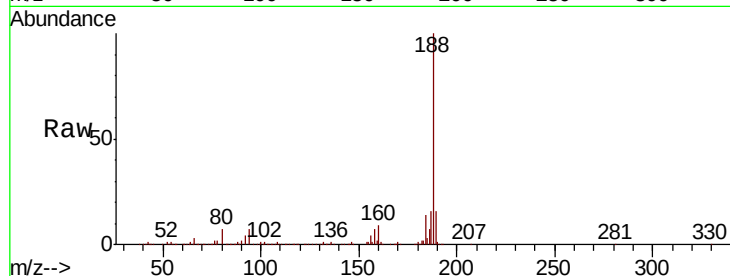
Tot Ion:188 Resp: 456377

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

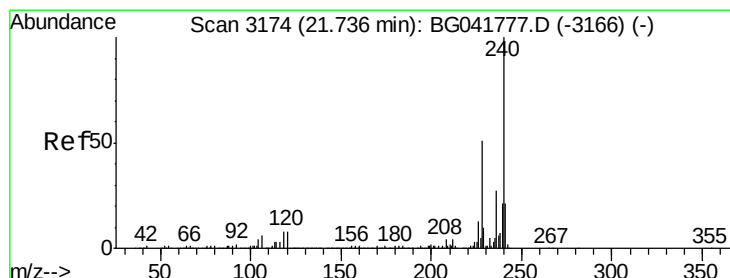
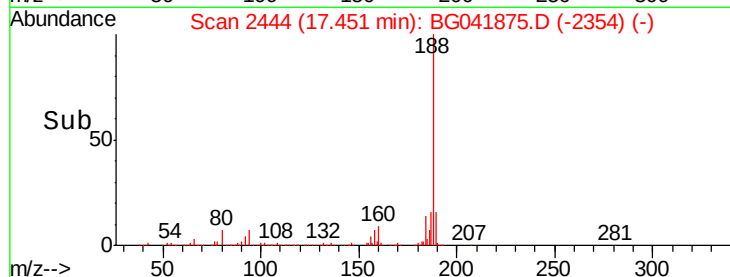
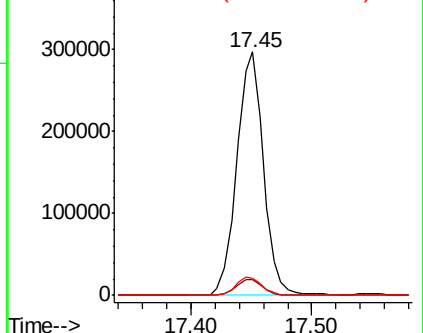
80 7.1 8.0 12.0#



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: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

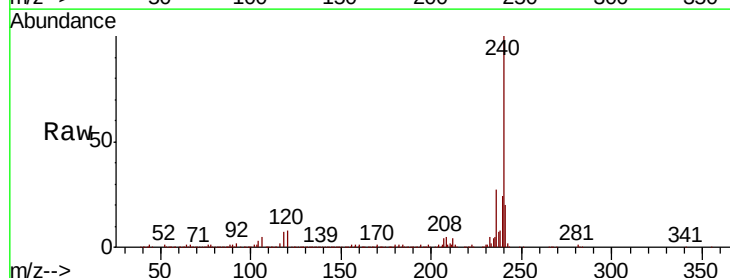
Tgt Ion:240 Resp: 626525

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

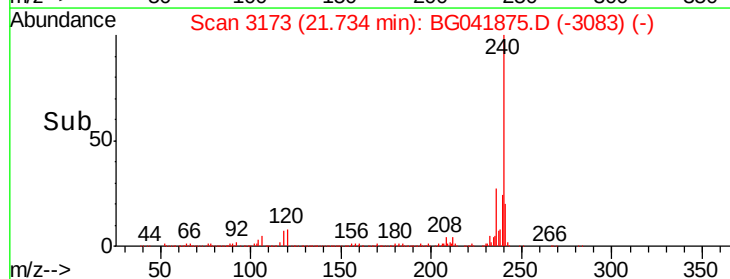
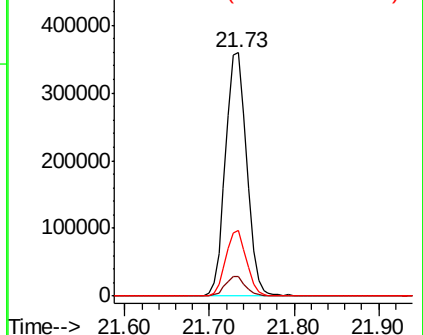
236 27.0 22.6 33.8

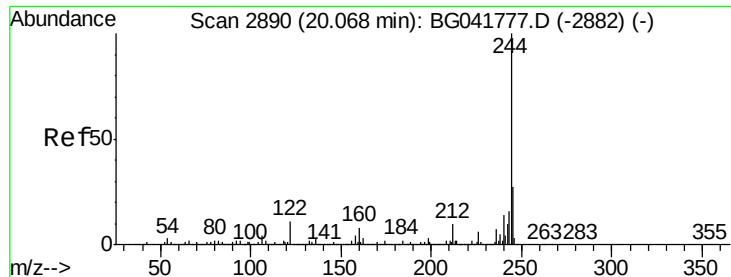


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.089 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

Instrument :

BNA_G

ClientSampleId :

TP-4

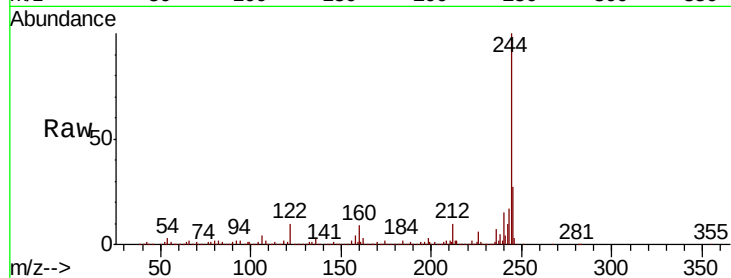
Tot Ion:244 Resp: 2220210

Ion Ratio Lower Upper

244 100

212 9.6 9.7 14.5#

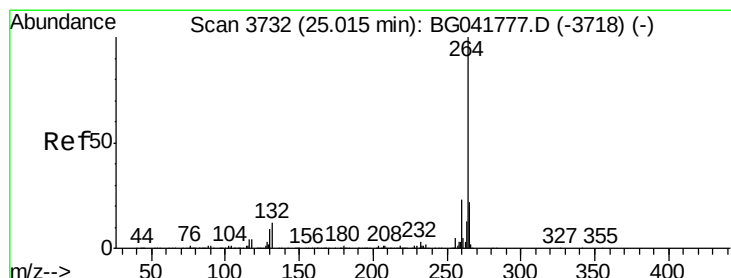
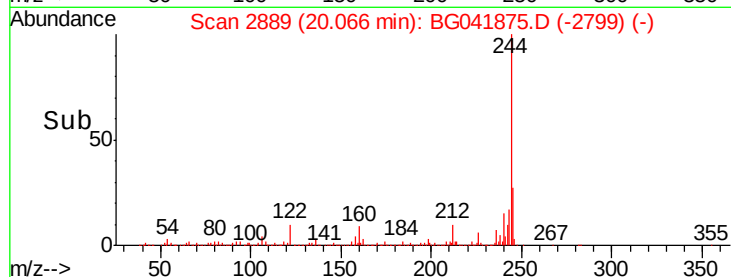
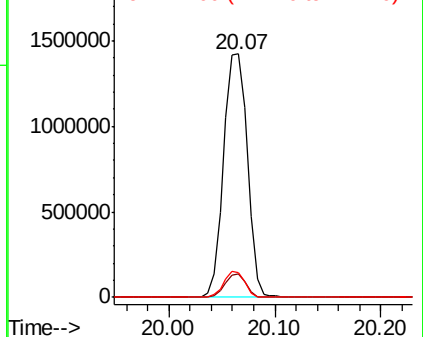
122 10.4 12.5 18.7#



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: 25.00 min Scan# 3729

Delta R.T. -0.01 min

Lab File: BG041875.D

Acq: 1 Aug 2019 22:37

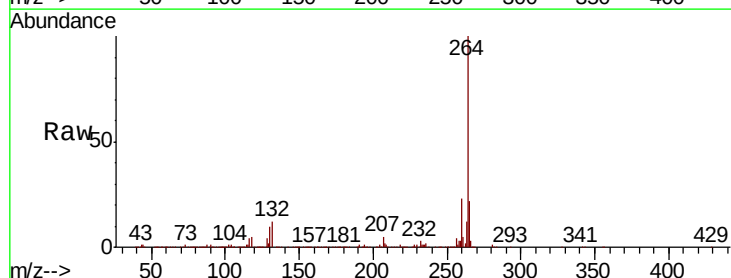
Tgt Ion:264 Resp: 751065

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.6 18.0 27.0



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

