

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042309.D
 Acq On : 18 Aug 2019 5:34
 Operator : HP/JU
 Sample : K4277-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Aug 19 08:09:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	63943	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	230373	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	164934	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	400874	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482789	20.00	ng	0.00
87) Perylene-d12	24.93	264	546315	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	403012	122.63	ng	0.00
7) Phenol-d6	7.17	99	480143	108.37	ng	0.00
23) Nitrobenzene-d5	9.17	82	353124	105.48	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	334509	178.55	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1048017	112.07	ng	0.00
79) Terphenyl-d14	20.03	244	2049668	97.15	ng	0.00

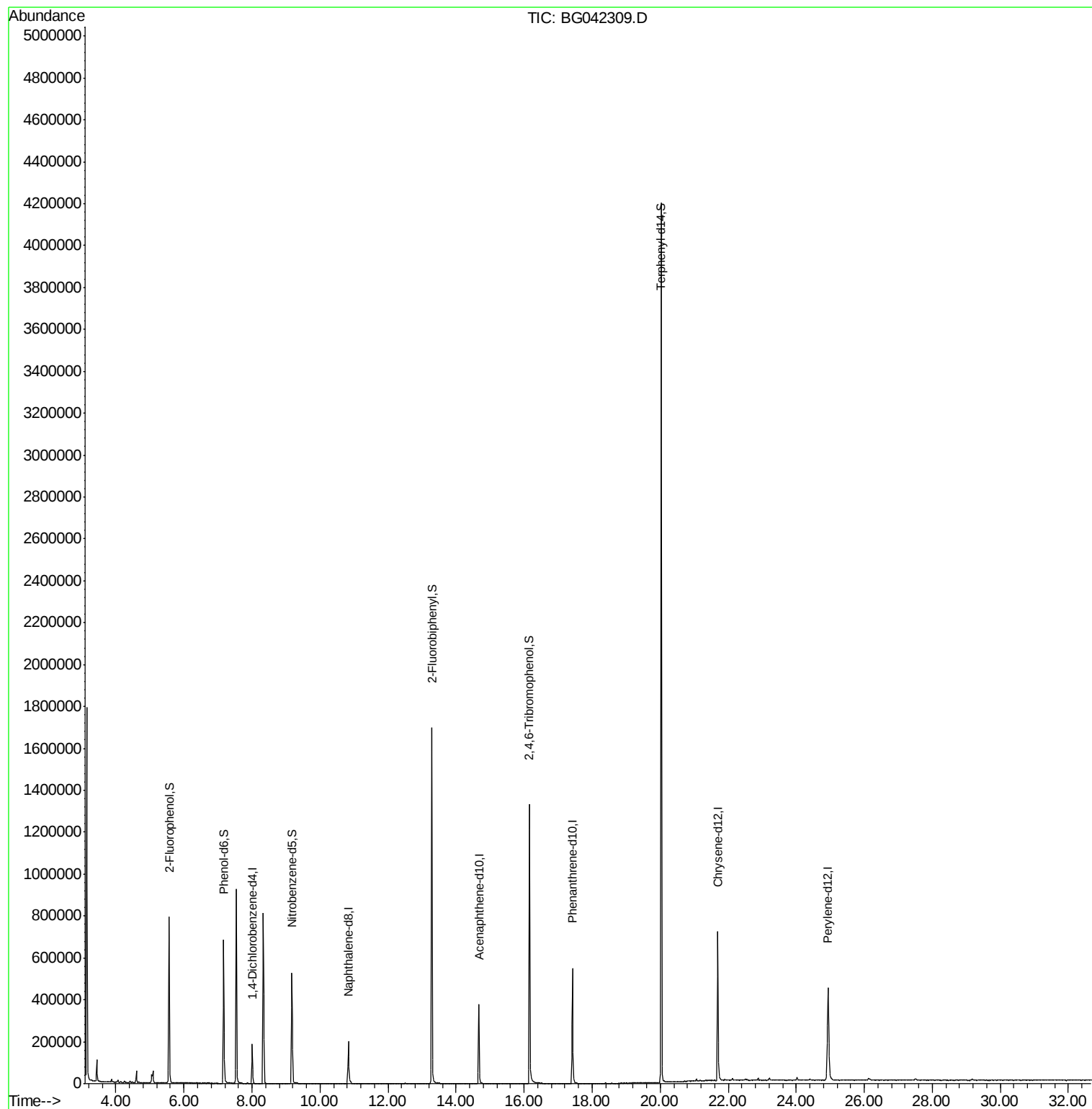
Target Compounds Qvalue

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

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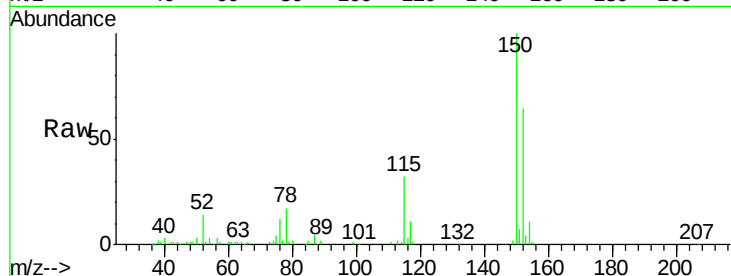


#1

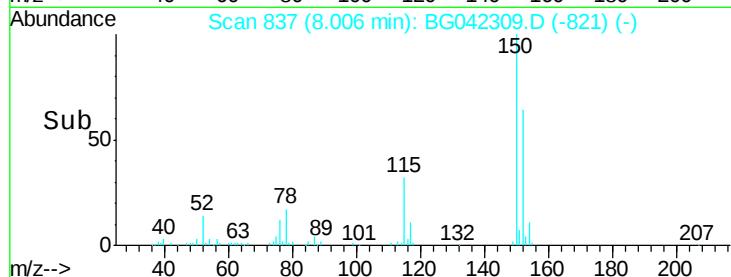
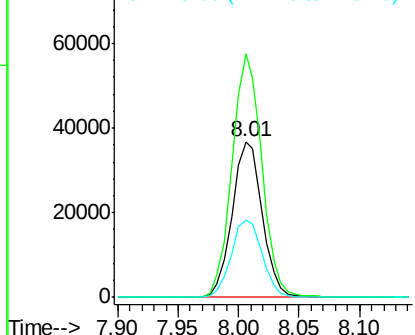
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042309.D
Acq: 18 Aug 2019 5:34

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.9	190.3
115	49.7	45.0	67.6



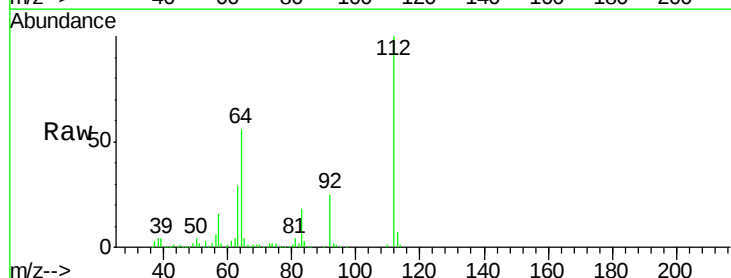
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



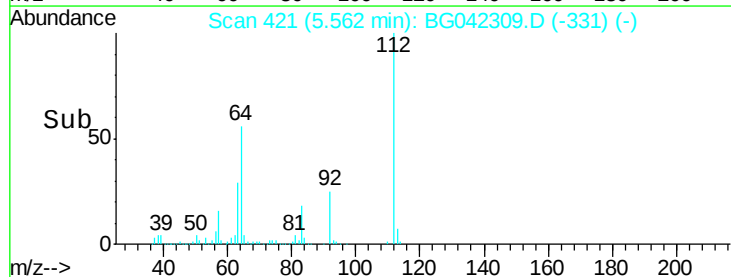
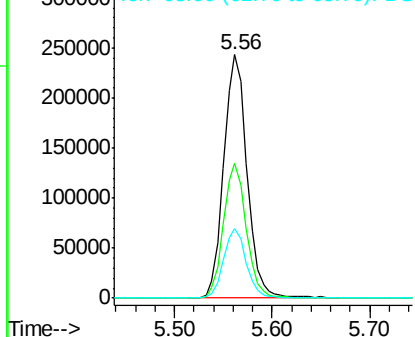
#5

2-Fluorophenol
Concen: 122.626 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042309.D
Acq: 18 Aug 2019 5:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	55.4	83.2
63	28.7	29.1	43.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.366 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042309.D

Acq: 18 Aug 2019 5:34

Instrument :

BNA_G

ClientSampleId :

TP-22

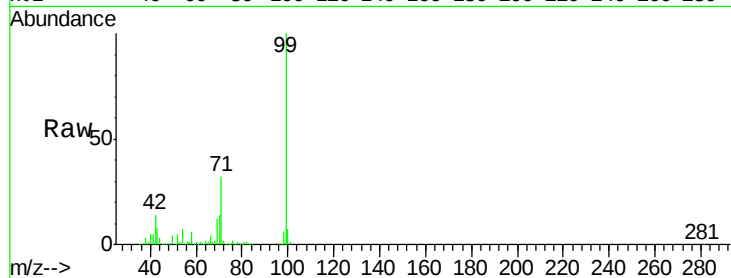
Tot Ion: 99 Resp: 480143

Ion Ratio Lower Upper

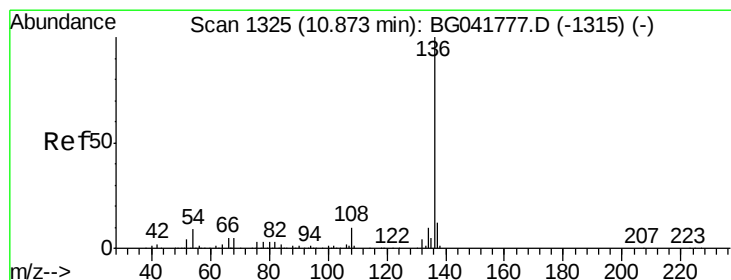
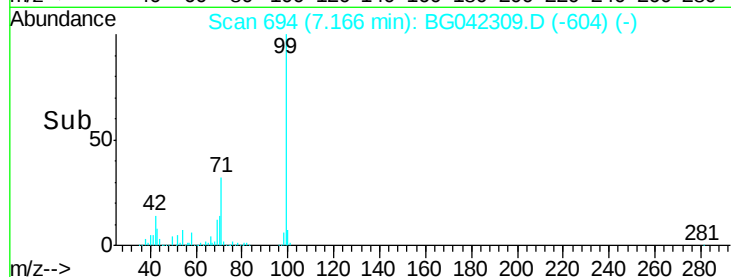
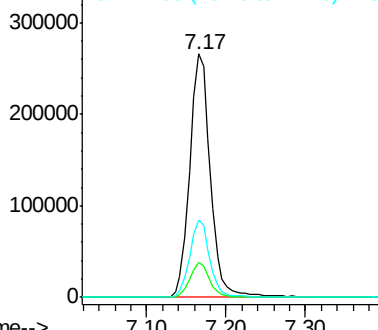
99 100

42 14.2 17.6 26.4#

71 31.7 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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042309.D

Acq: 18 Aug 2019 5:34

Tgt Ion: 136 Resp: 230373

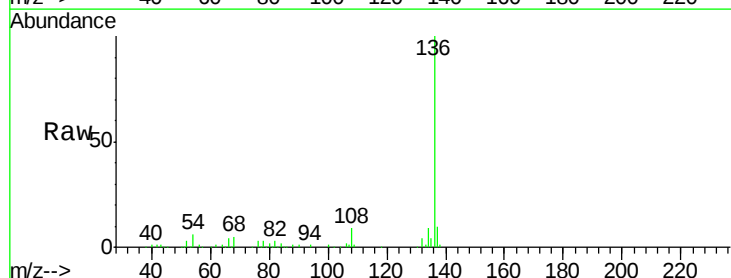
Ion Ratio Lower Upper

136 100

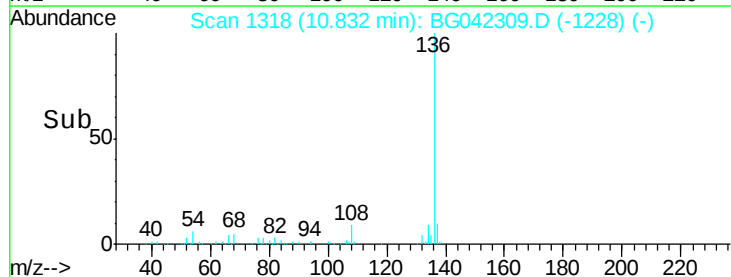
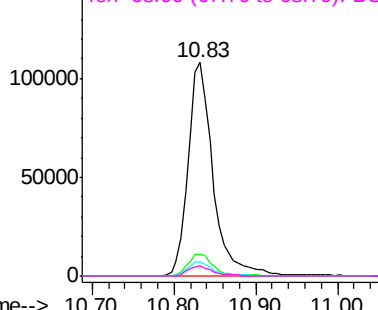
137 10.4 9.2 13.8

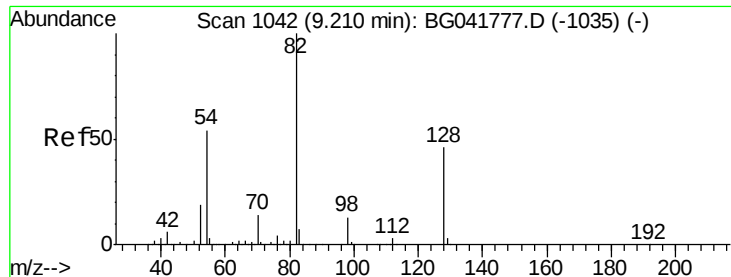
54 6.4 8.7 13.1#

68 4.7 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

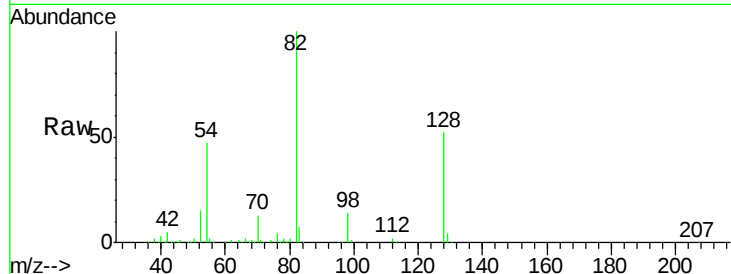




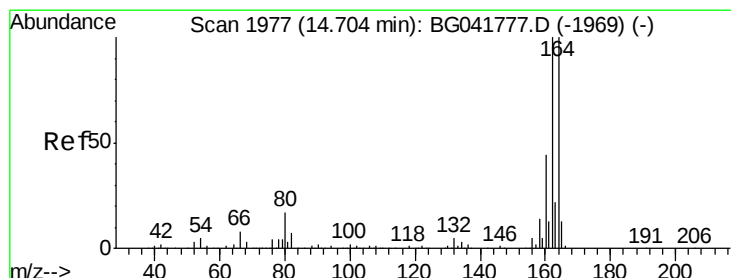
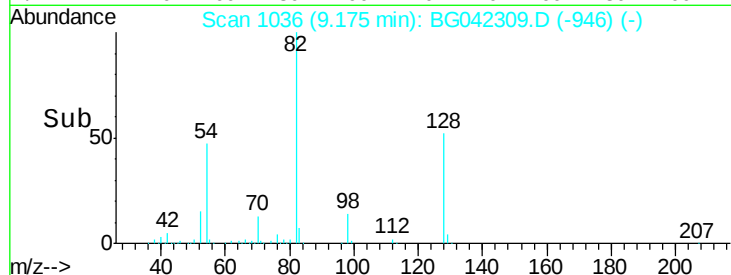
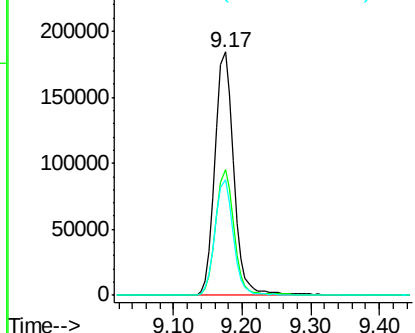
#23
Nitrobenzene-d5
Concen: 105.484 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042309.D
Acq: 18 Aug 2019 5:34

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion: 82 Resp: 353124
Ion Ratio Lower Upper
82 100
128 51.8 35.1 52.7
54 47.3 48.7 73.1#

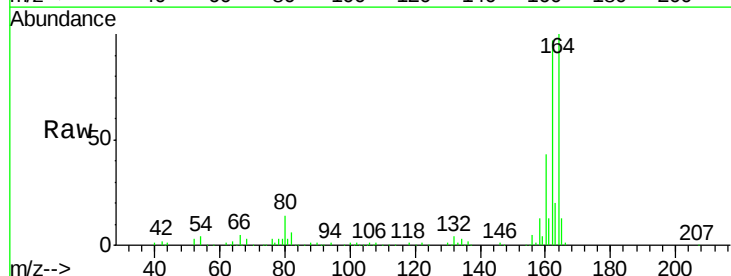


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

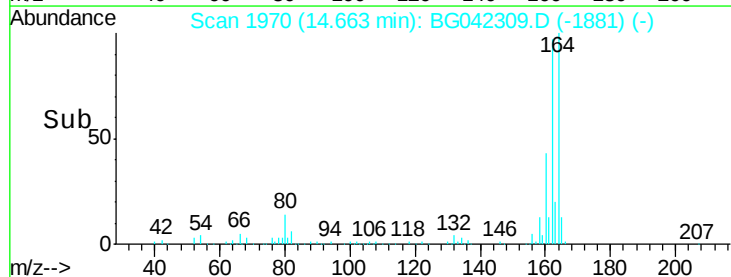
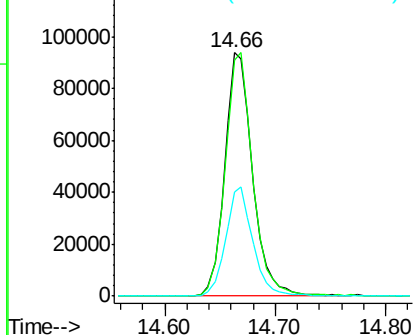


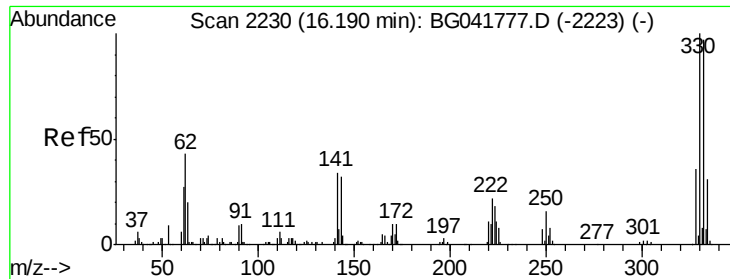
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042309.D
Acq: 18 Aug 2019 5:34

Tgt Ion:164 Resp: 164934
Ion Ratio Lower Upper
164 100
162 96.7 79.6 119.4
160 43.0 35.4 53.0



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

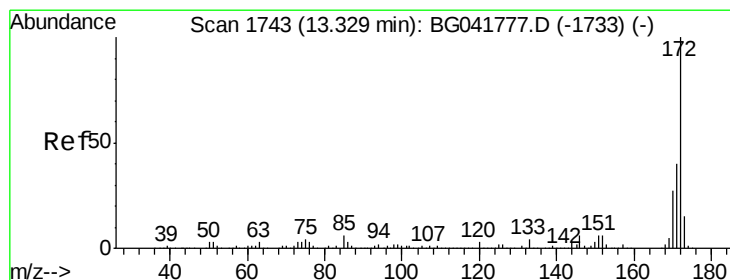
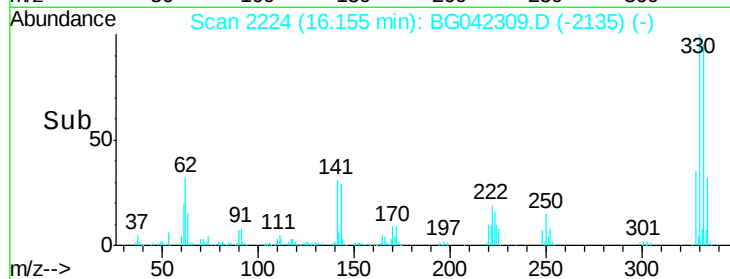
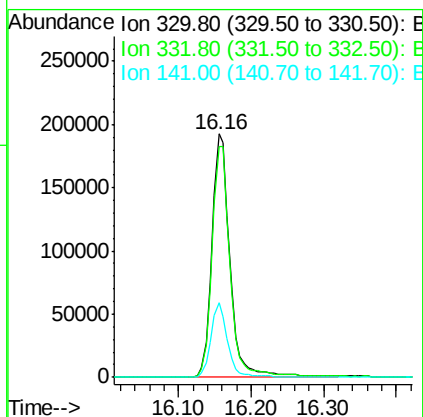
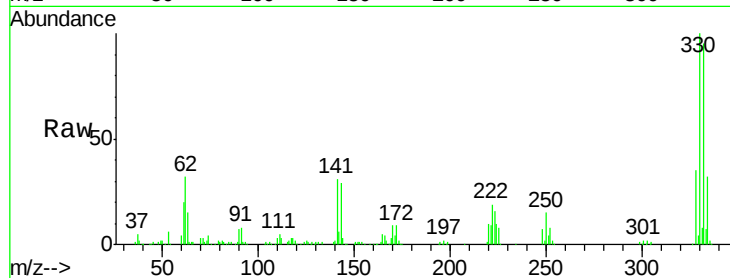




#42
 2,4,6-Tribromophenol
 Concen: 178.555 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042309.D
 Acq: 18 Aug 2019 5:34

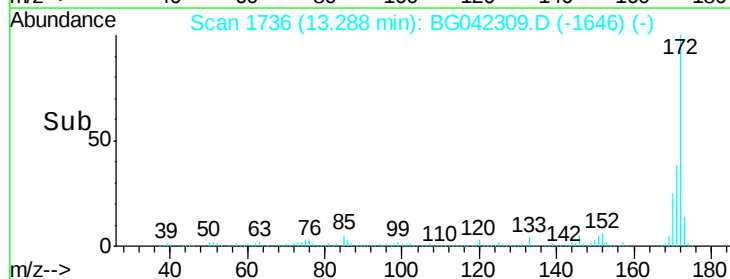
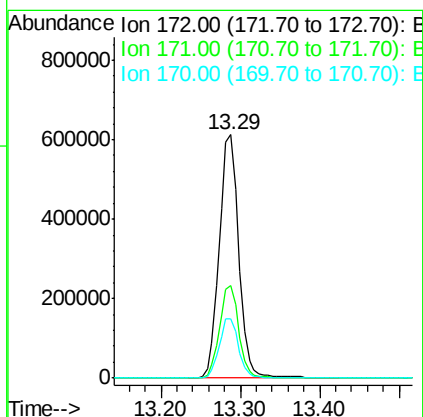
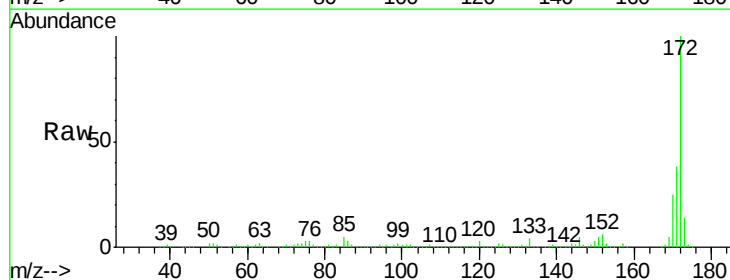
Instrument :
 BNA_G
 ClientSampleId :
 TP-22

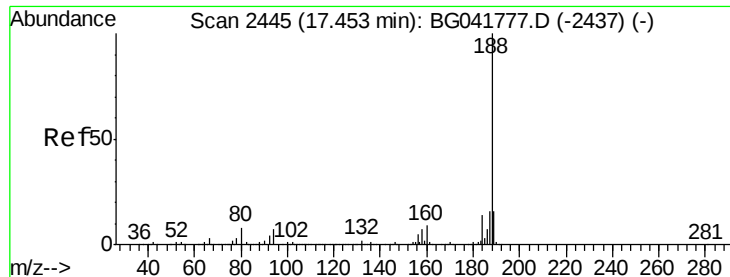
Tot Ion:330 Resp: 334509
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 28.8 31.9 47.9#



#45
 2-Fluorobiphenyl
 Concen: 112.070 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042309.D
 Acq: 18 Aug 2019 5:34

Tgt Ion:172 Resp: 1048017
 Ion Ratio Lower Upper
 172 100
 171 38.1 35.0 52.4
 170 24.6 23.5 35.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042309.D

Acq: 18 Aug 2019 5:34

Instrument :

BNA_G

ClientSampleId :

TP-22

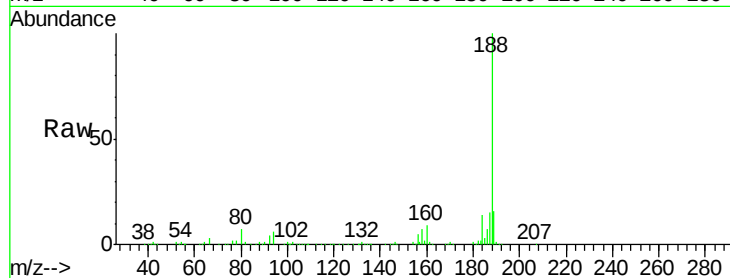
Tot Ion:188 Resp: 400874

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

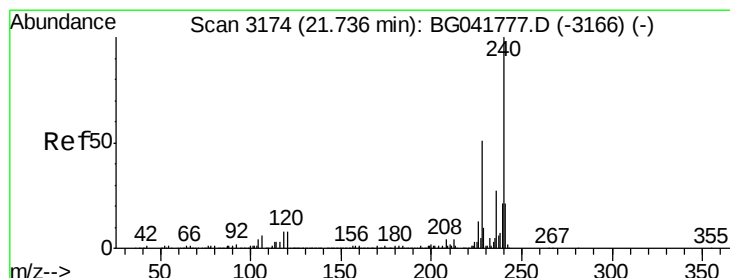
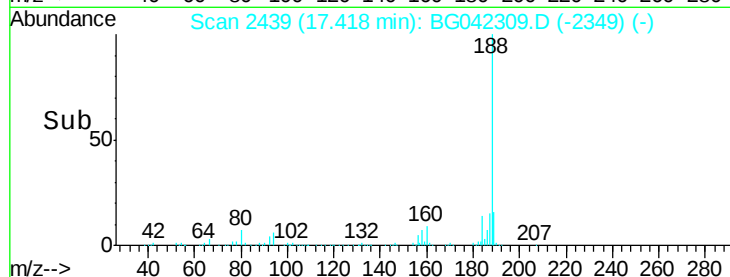
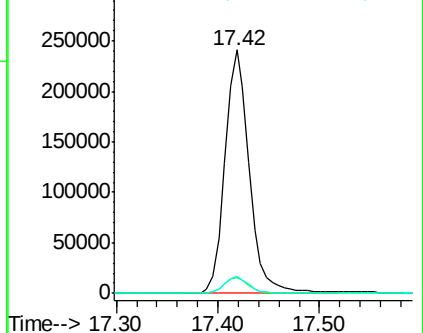
80 6.8 8.0 12.0#



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042309.D

Acq: 18 Aug 2019 5:34

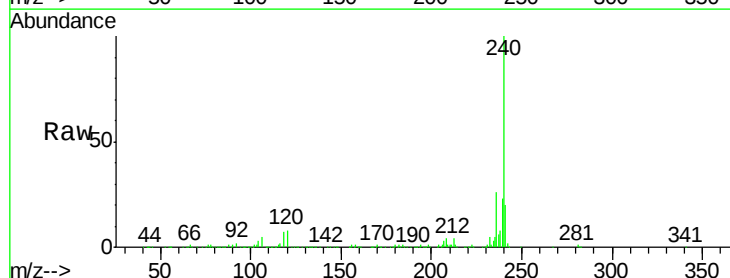
Tgt Ion:240 Resp: 482789

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

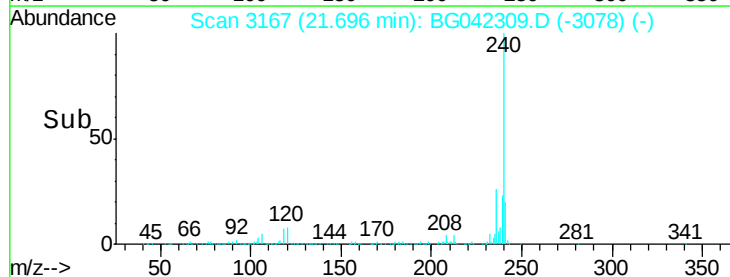
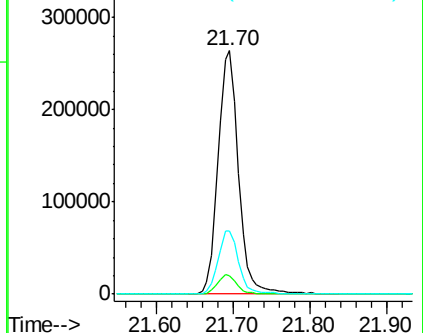
236 26.2 22.6 33.8

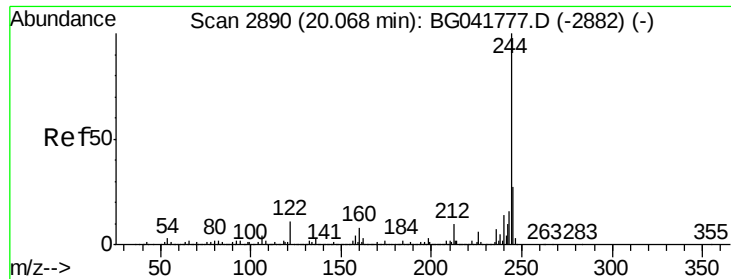


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.147 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042309.D

Acq: 18 Aug 2019 5:34

Instrument :

BNA_G

ClientSampleId :

TP-22

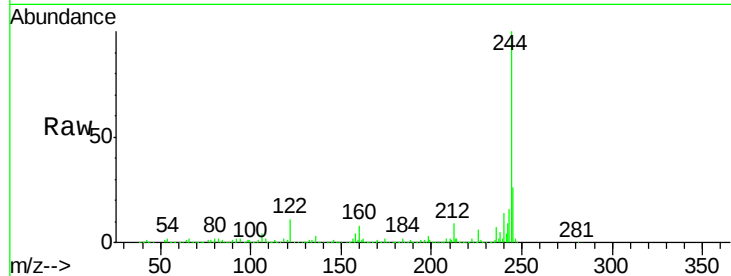
Tot Ion:244 Resp: 2049668

Ion Ratio Lower Upper

244 100

212 9.2 9.7 14.5#

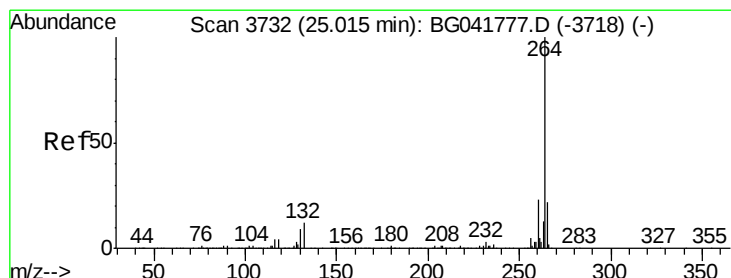
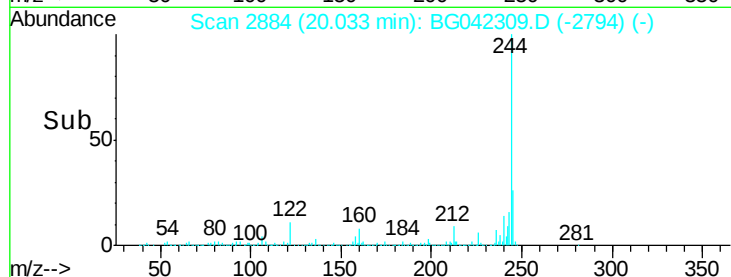
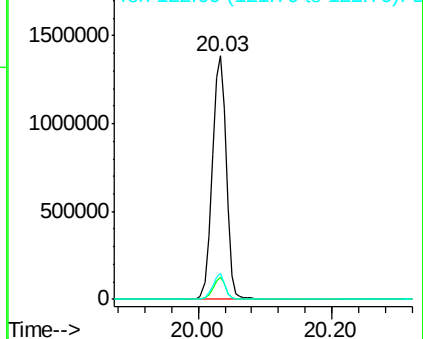
122 10.5 12.5 18.7#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042309.D

Acq: 18 Aug 2019 5:34

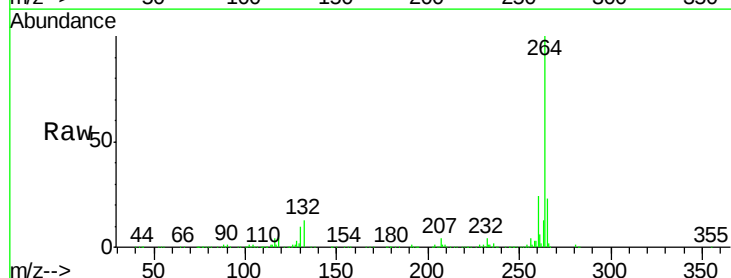
Tgt Ion:264 Resp: 546315

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.5 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

