

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022373.D
 Acq On : 16 Jun 2016 19:38
 Operator : UM/SJ
 Sample : H3427-05RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-47

Quant Time: Jun 17 01:28:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26960	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	136159	20.00	ng	-0.03
38) Acenaphthene-d10	14.70	164	86193	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	193404	20.00	ng	-0.03
75) Chrysene-d12	21.70	240	160112	20.00	ng	-0.03
86) Perylene-d12	24.96	264	145440	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	80193	57.51	ng	-0.02
7) Phenol-d6	7.26	99	73415	33.49	ng	0.00
23) Nitrobenzene-d5	9.23	82	168896	86.48	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	113912	116.96	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	468275	82.79	ng	-0.03
78) Terphenyl-d14	20.04	244	627450	93.04	ng	-0.02

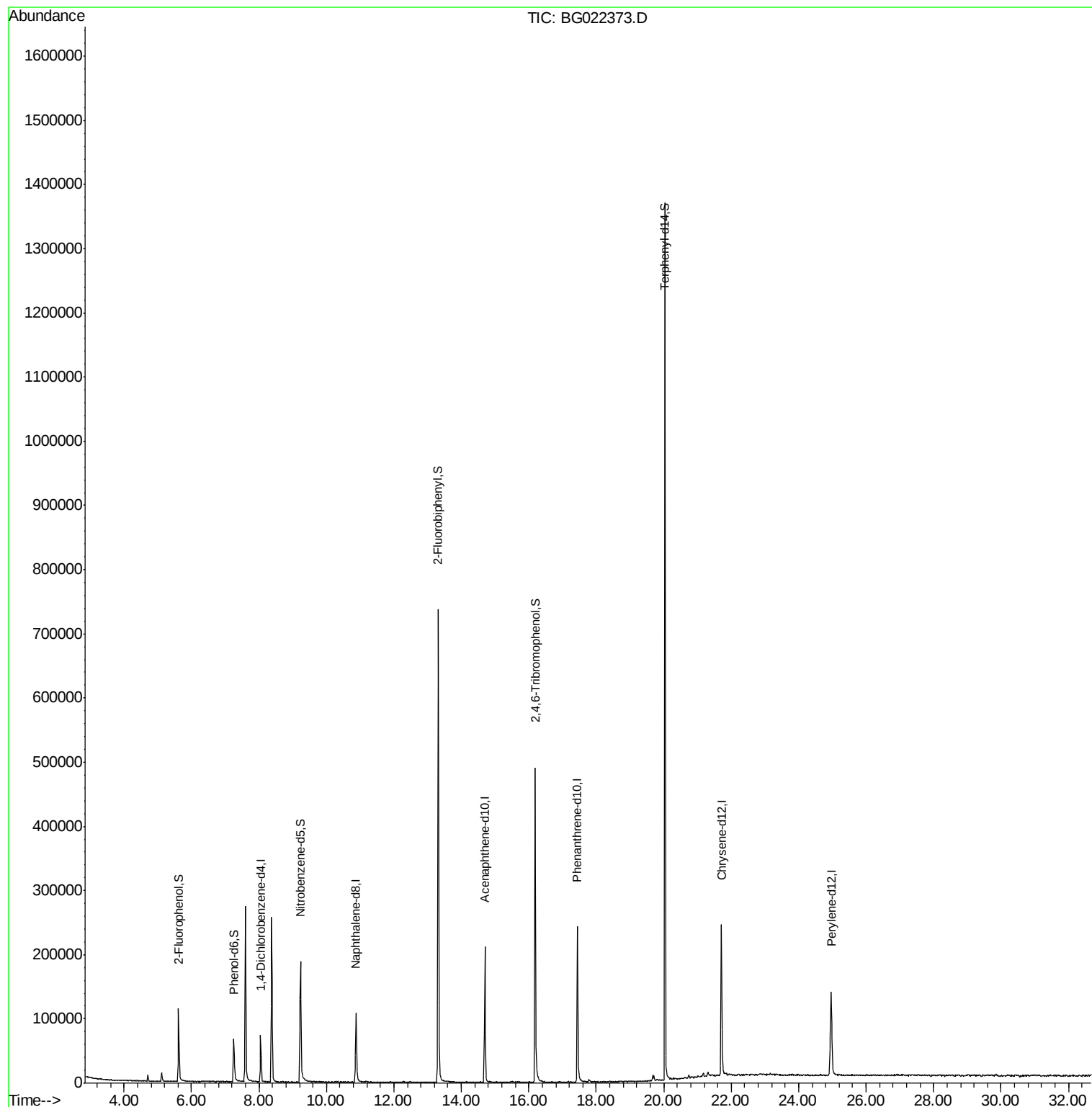
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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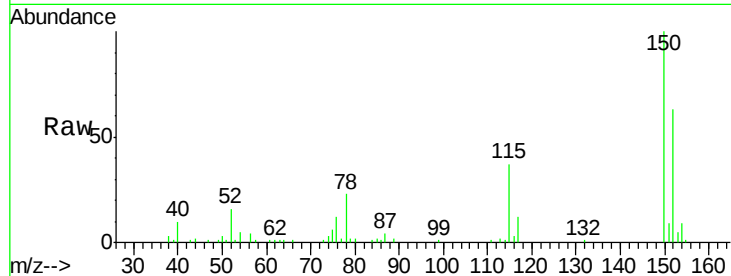


#1

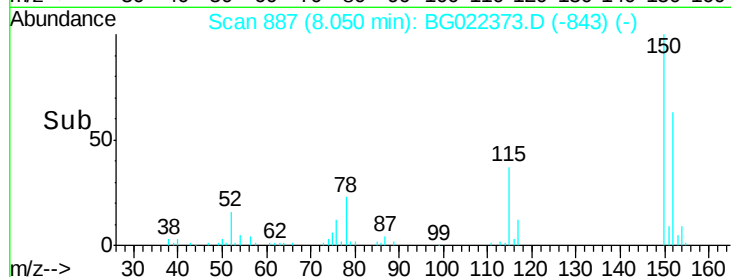
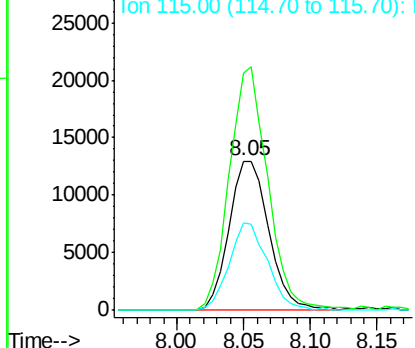
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022373.D
Acq: 16 Jun 2016 19:38

Instrument :
BNA_G
ClientSampleId :
W-47

Tgt Ion:152 Resp: 26960
Ion Ratio Lower Upper
152 100
150 159.5 130.1 195.1
115 58.4 62.2 93.2#



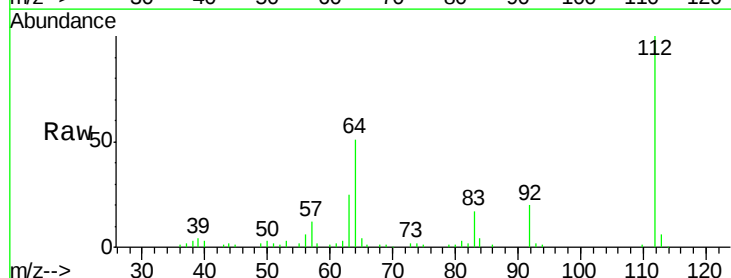
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



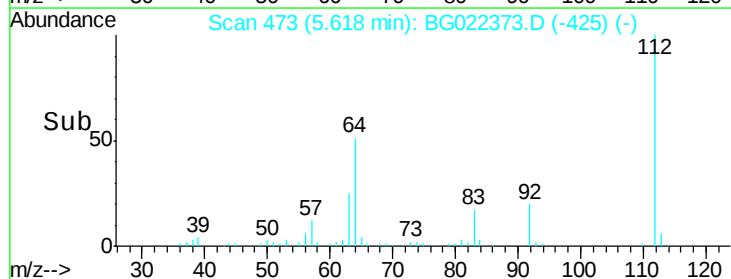
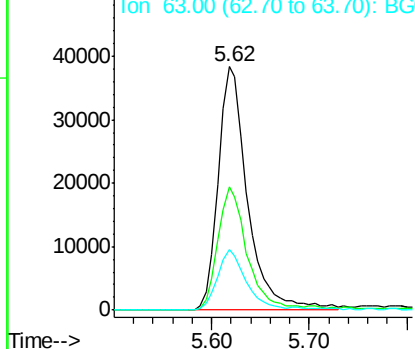
#5

2-Fluorophenol
Concen: 57.51 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022373.D
Acq: 16 Jun 2016 19:38

Tgt Ion:112 Resp: 80193
Ion Ratio Lower Upper
112 100
64 50.9 51.1 76.7#
63 24.8 24.6 37.0



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: 33.49 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.01 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

Instrument :

BNA_G

ClientSampleId :

W-47

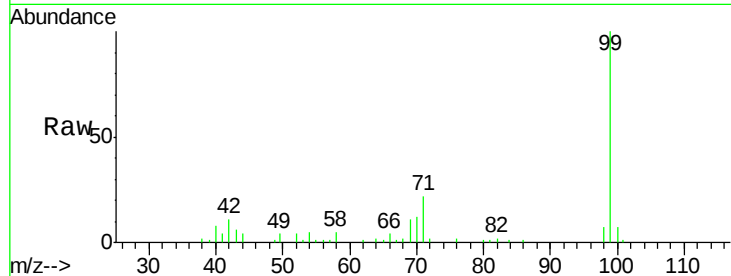
Tgt Ion: 99 Resp: 73415

Ion Ratio Lower Upper

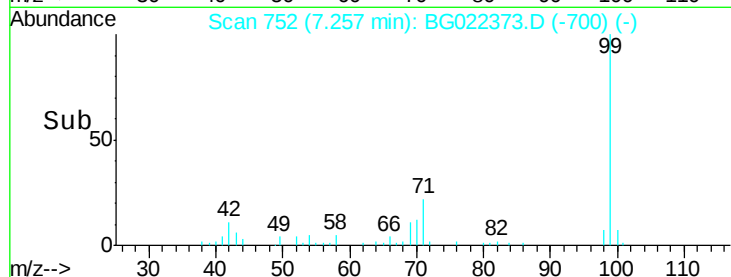
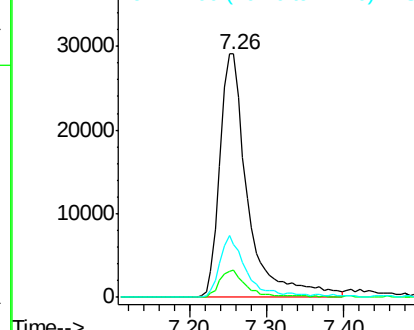
99 100

42 11.4 16.4 24.6#

71 21.6 25.0 37.4#



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: 20.00 ng

RT: 10.88 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

Tgt Ion: 136 Resp: 136159

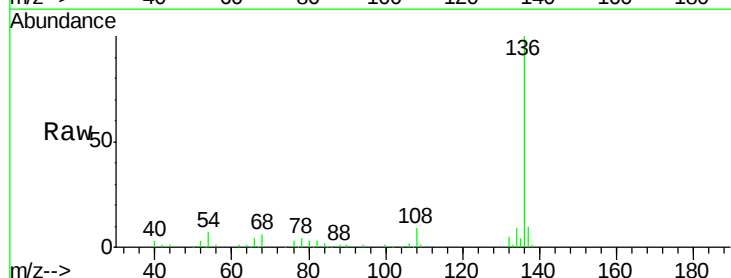
Ion Ratio Lower Upper

136 100

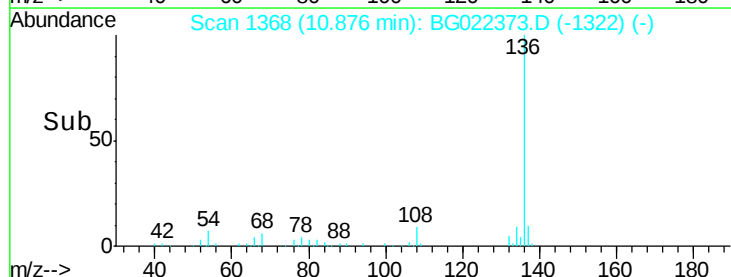
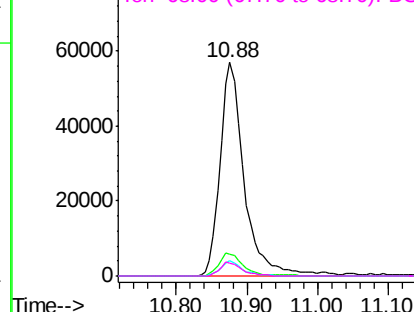
137 10.4 9.0 13.4

54 7.0 9.6 14.4#

68 5.9 6.4 9.6#



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

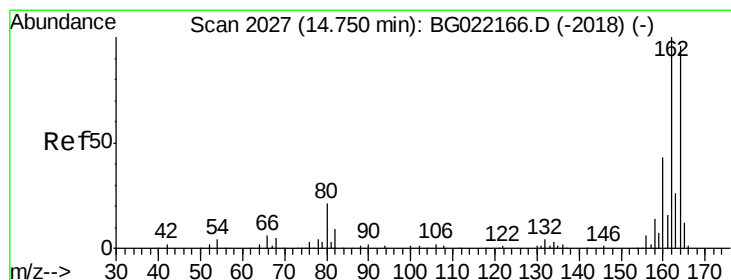
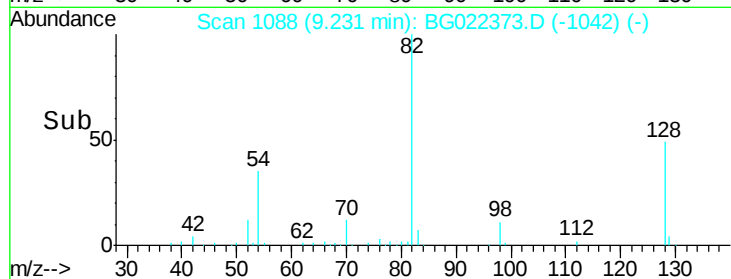
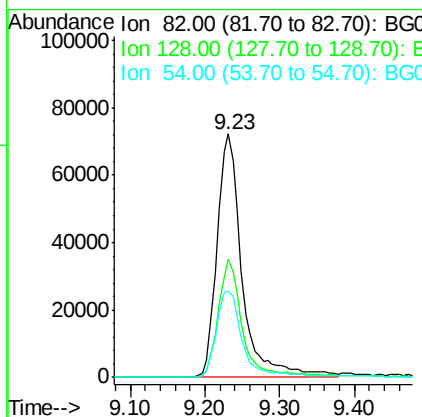
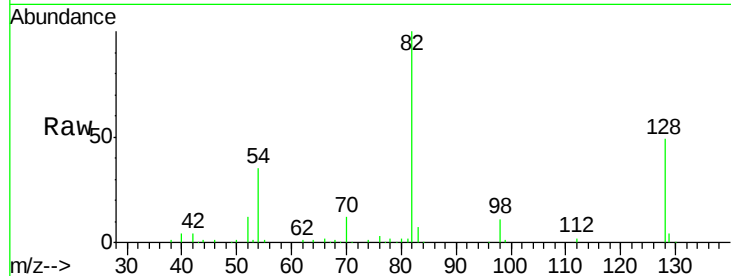




#23
 Nitrobenzene-d5
 Concen: 86.48 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BG022373.D
 Acq: 16 Jun 2016 19:38

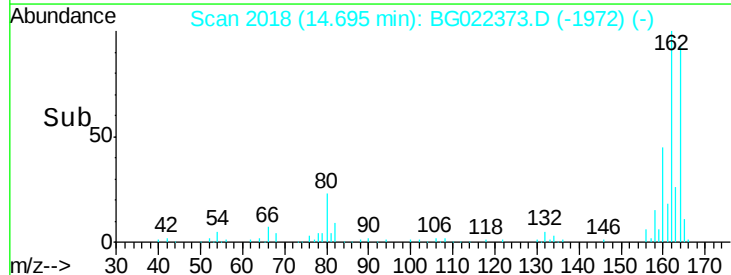
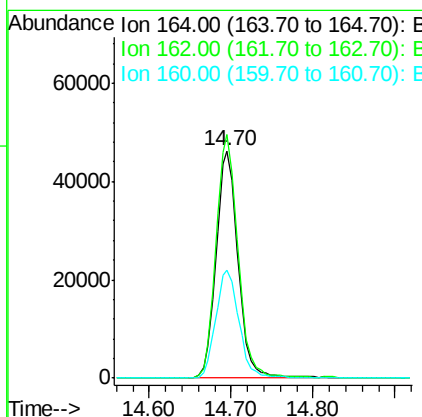
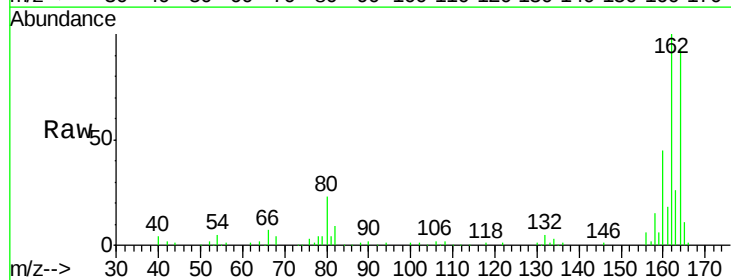
Instrument :
 BNA_G
 ClientSampleId :
 W-47

Tgt Ion: 82 Resp: 168896
 Ion Ratio Lower Upper
 82 100
 128 48.7 33.4 50.0
 54 35.4 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.70 min Scan# 2018
 Delta R.T. -0.03 min
 Lab File: BG022373.D
 Acq: 16 Jun 2016 19:38

Tgt Ion: 164 Resp: 86193
 Ion Ratio Lower Upper
 164 100
 162 107.1 78.0 117.0
 160 47.8 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 116.96 ng

RT: 16.19 min Scan# 2272

Delta R.T. -0.03 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

Instrument :

BNA_G

ClientSampleId :

W-47

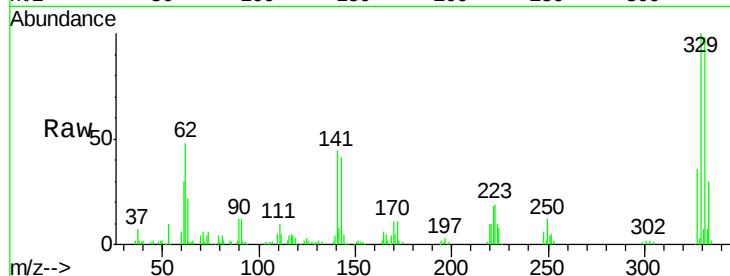
Tgt Ion:330 Resp: 113912

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

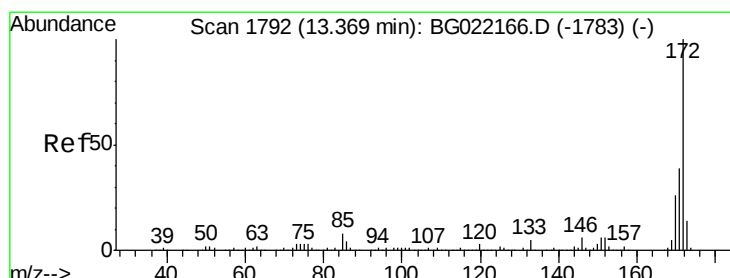
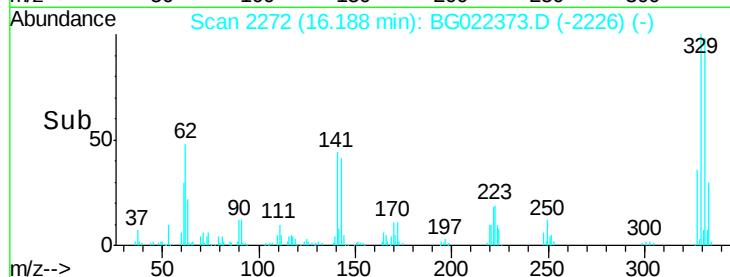
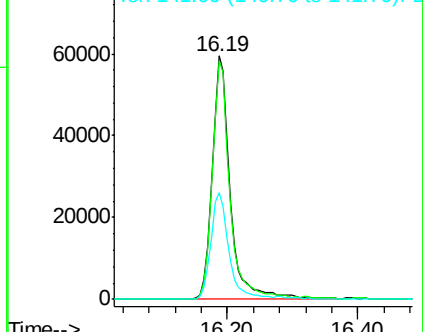
141 43.9 33.8 50.8



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



#44

2-Fluorobiphenyl

Concen: 82.79 ng

RT: 13.31 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

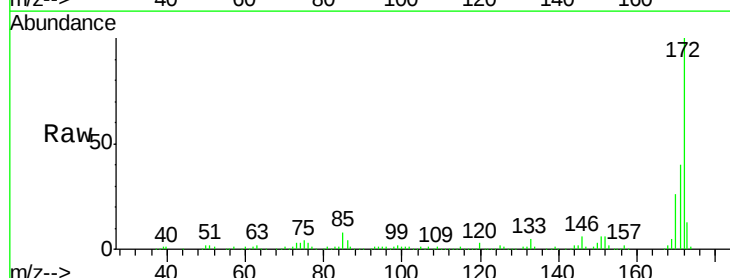
Tgt Ion:172 Resp: 468275

Ion Ratio Lower Upper

172 100

171 39.6 27.8 41.6

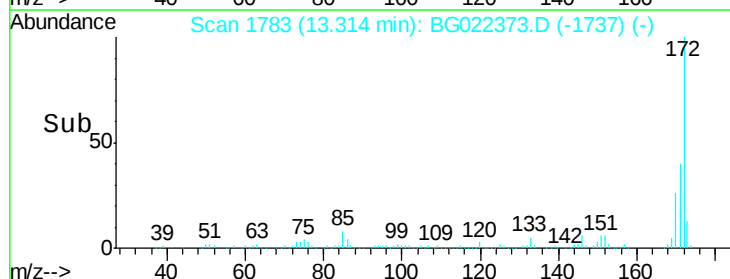
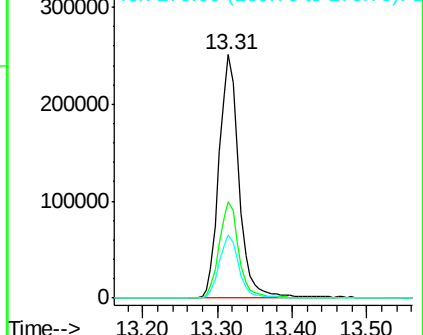
170 26.0 19.6 29.4

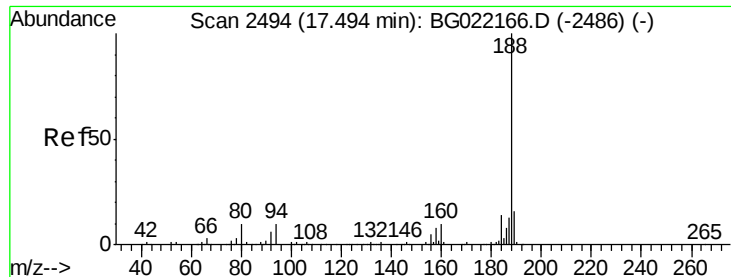


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.44 min Scan# 2485

Delta R.T. -0.03 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

Instrument :

BNA_G

ClientSampleId :

W-47

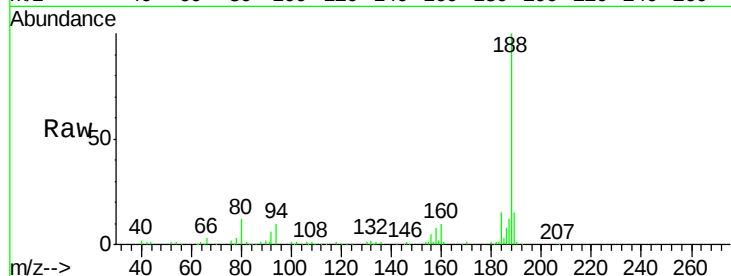
Tgt Ion:188 Resp: 193404

Ion Ratio Lower Upper

188 100

94 10.4 7.5 11.3

80 12.4 8.6 13.0



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

120000

100000

80000

60000

40000

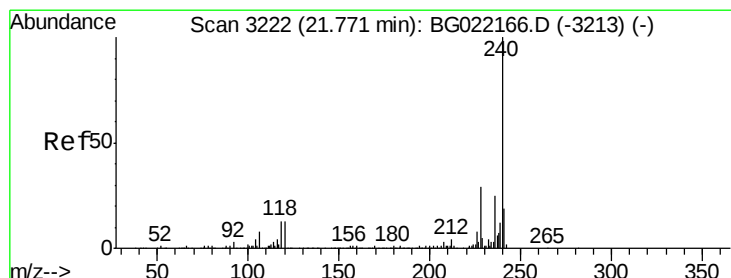
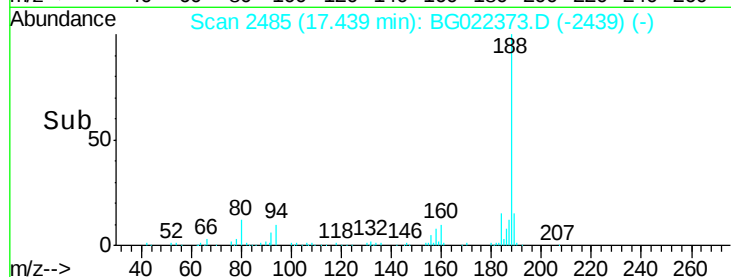
20000

0

17.44

17.30 17.40 17.50 17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3211

Delta R.T. -0.03 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

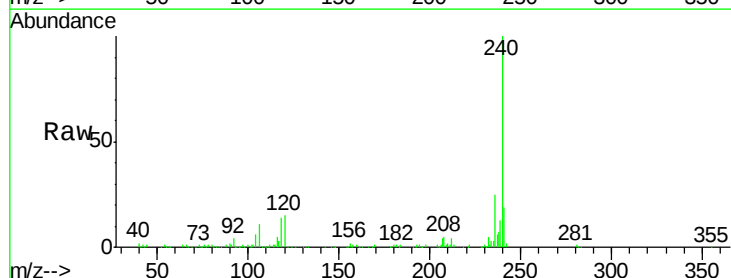
Tgt Ion:240 Resp: 160112

Ion Ratio Lower Upper

240 100

120 15.2 8.4 12.6#

236 25.5 19.6 29.4



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

100000

80000

60000

40000

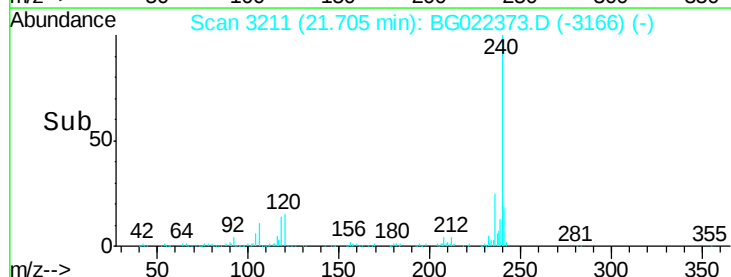
20000

0

21.70

21.60 21.70 21.80

Time-->





#78

Terphenyl-d14

Concen: 93.04 ng

RT: 20.04 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

Instrument :

BNA_G

ClientSampleId :

W-47

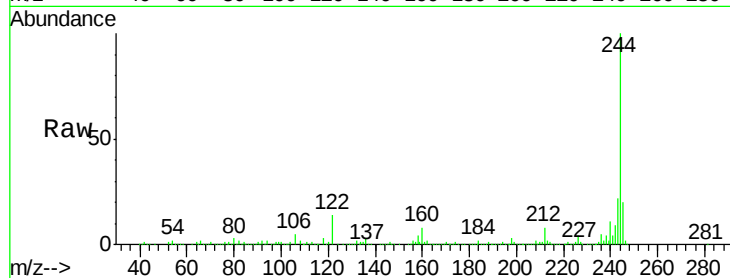
Tgt Ion:244 Resp: 627450

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

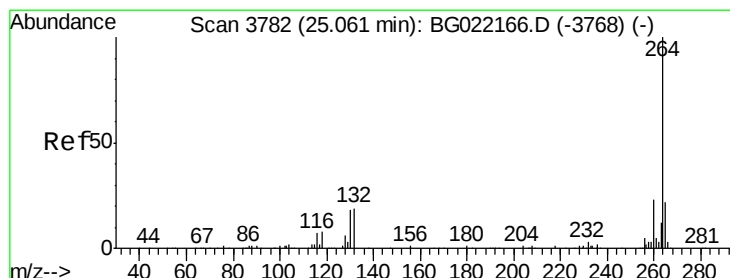
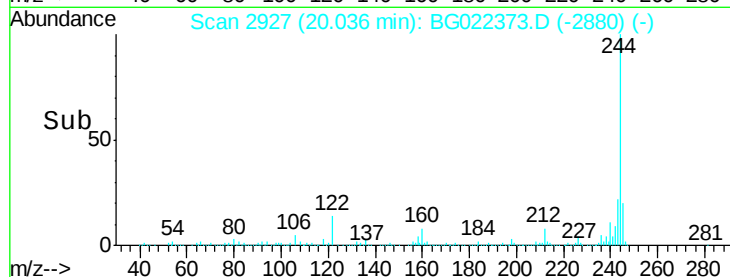
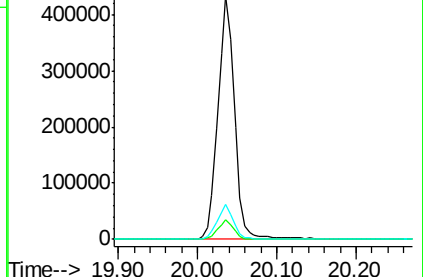
122 14.4 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.96 min Scan# 3765

Delta R.T. -0.05 min

Lab File: BG022373.D

Acq: 16 Jun 2016 19:38

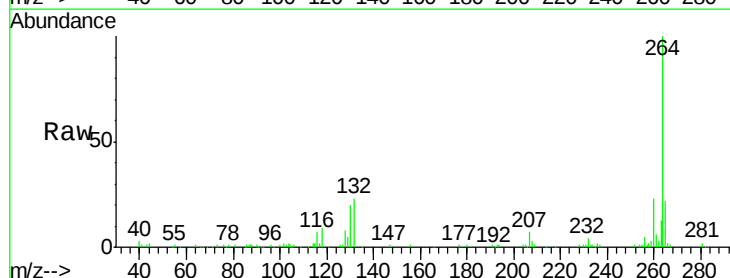
Tgt Ion:264 Resp: 145440

Ion Ratio Lower Upper

264 100

260 23.0 20.2 30.4

265 21.8 17.8 26.8



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

