

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022372.D
 Acq On : 16 Jun 2016 18:58
 Operator : UM/SJ
 Sample : H3567-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-COMP

Quant Time: Jun 17 02:24:23 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

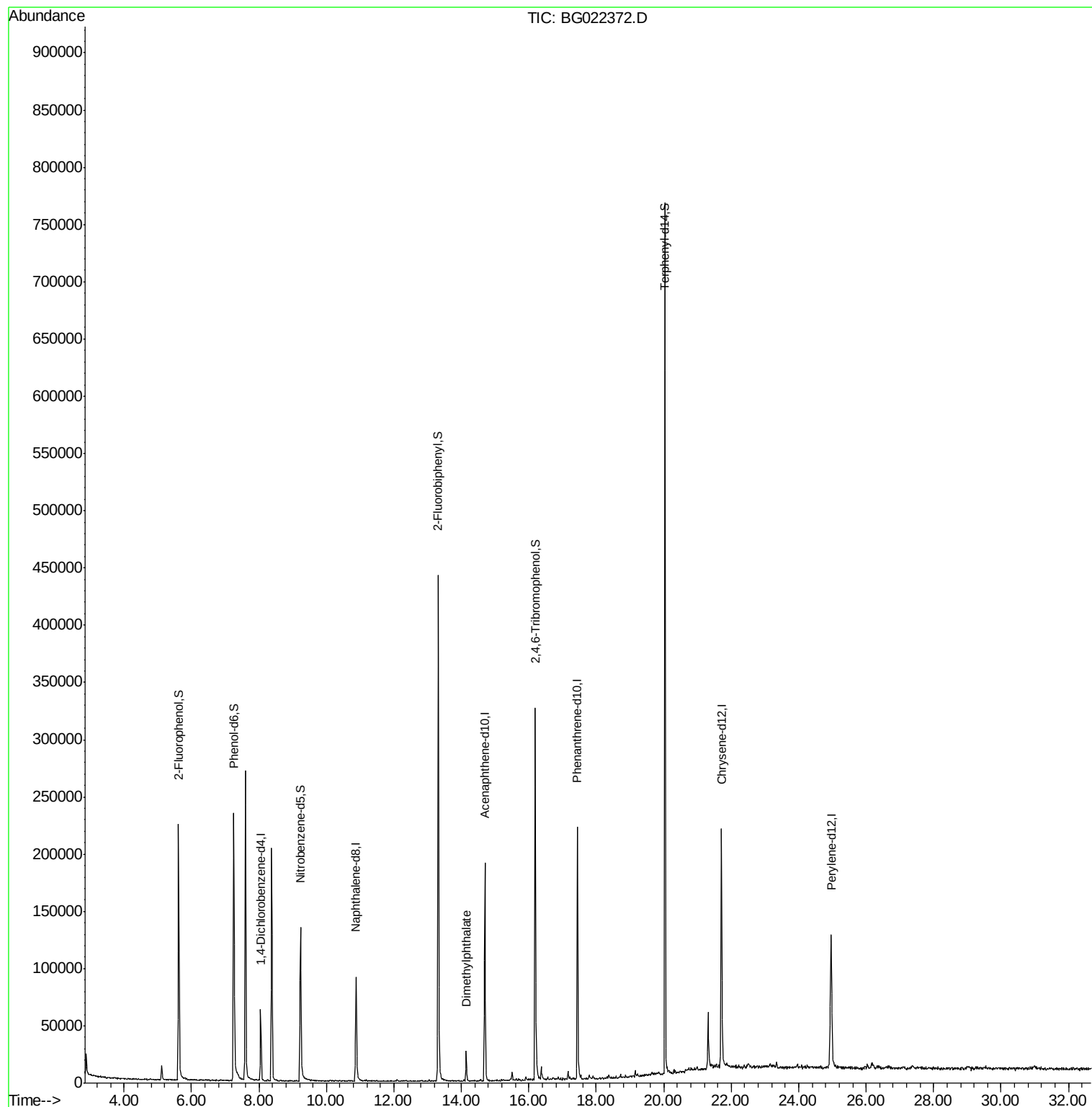
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22626	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	117388	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	76224	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	164061	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	137366	20.00	ng	-0.03
86) Perylene-d12	24.96	264	129587	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	155522	132.90	ng	-0.02
7) Phenol-d6	7.25	99	226485	123.09	ng	0.00
23) Nitrobenzene-d5	9.23	82	124456	73.92	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	73190	84.98	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	285285	57.04	ng	-0.03
78) Terphenyl-d14	20.04	244	348265	60.19	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.14	163	26018	4.12	ng	Qvalue # 95

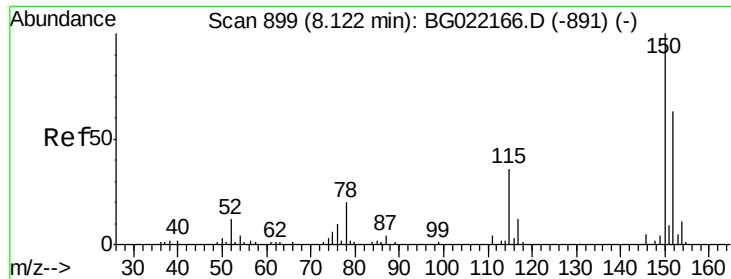
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.04 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

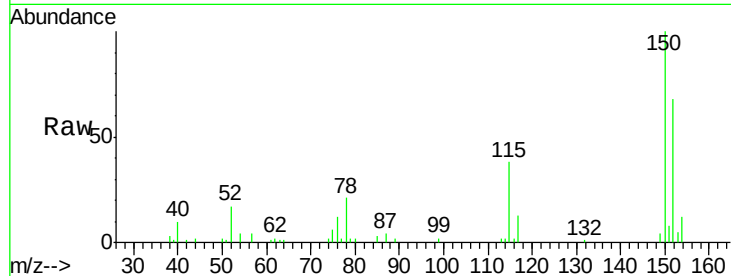
Tgt Ion:152 Resp: 22626

Ion Ratio Lower Upper

152 100

150 147.3 130.1 195.1

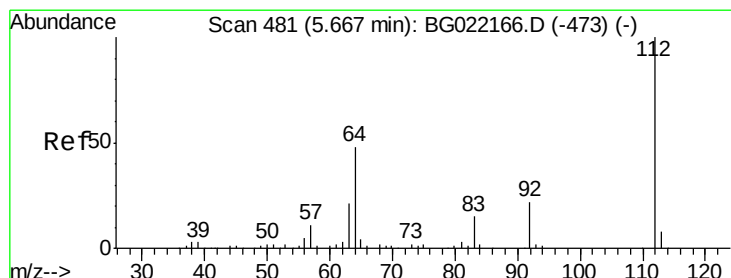
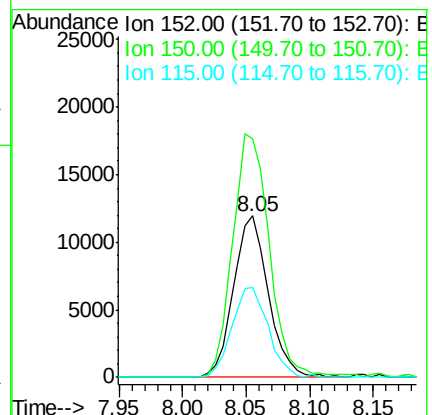
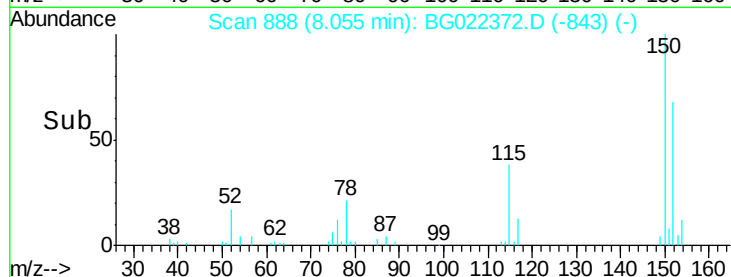
115 55.8 62.2 93.2#



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: 132.90 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

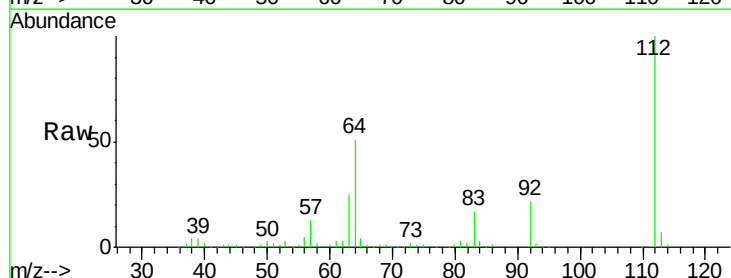
Tgt Ion:112 Resp: 155522

Ion Ratio Lower Upper

112 100

64 50.6 51.1 76.7#

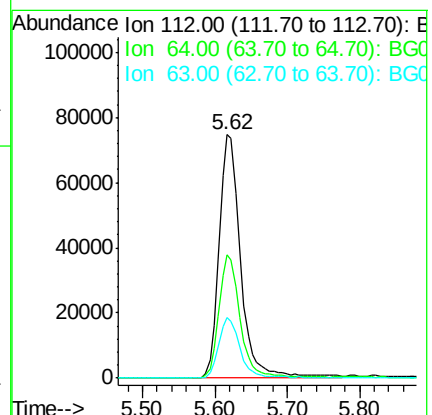
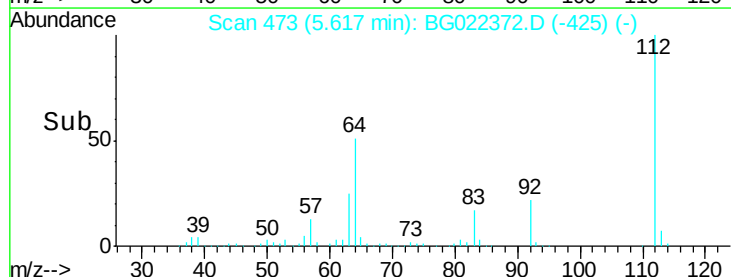
63 24.9 24.6 37.0

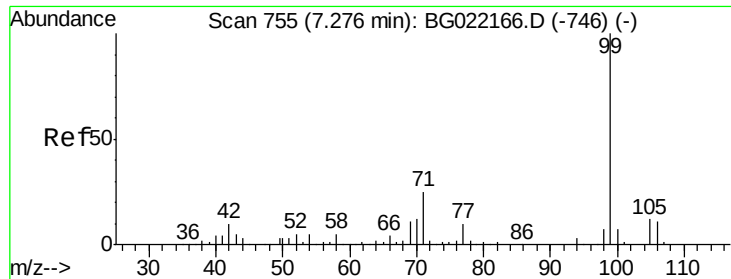


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.09 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

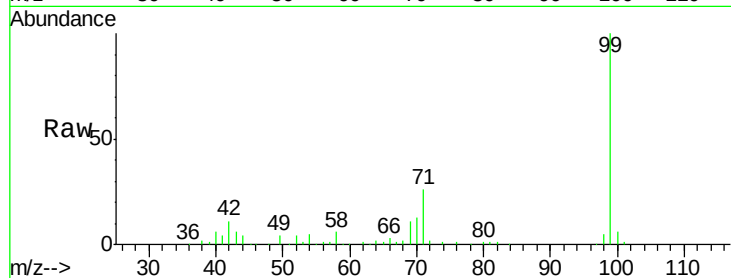
Tgt Ion: 99 Resp: 226485

Ion Ratio Lower Upper

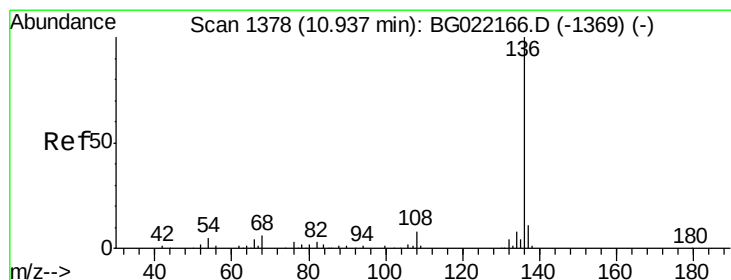
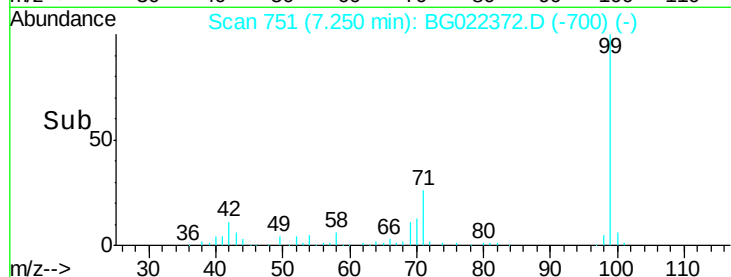
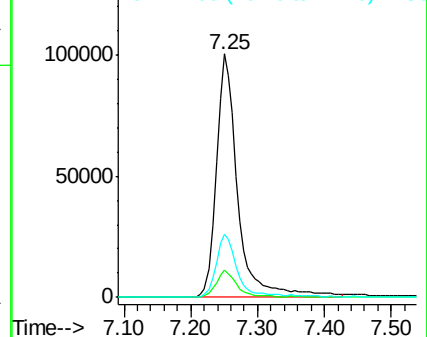
99 100

42 11.2 16.4 24.6#

71 26.0 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: BG022372.D

Acq: 16 Jun 2016 18:58

Tgt Ion: 136 Resp: 117388

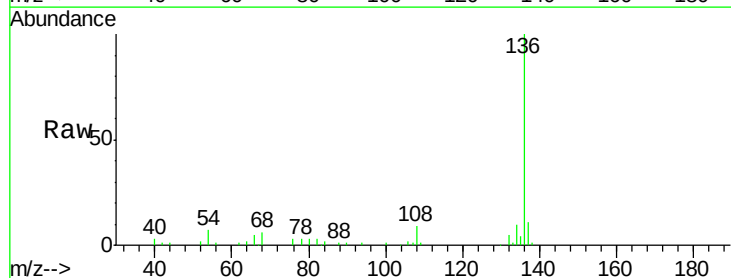
Ion Ratio Lower Upper

136 100

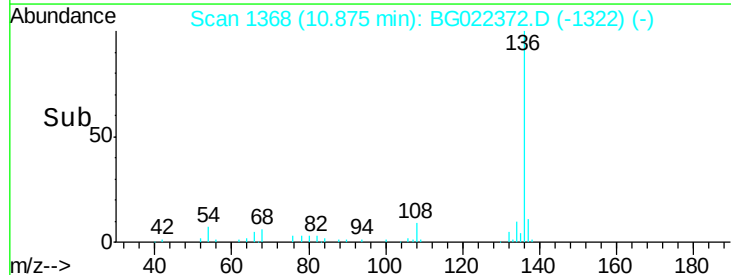
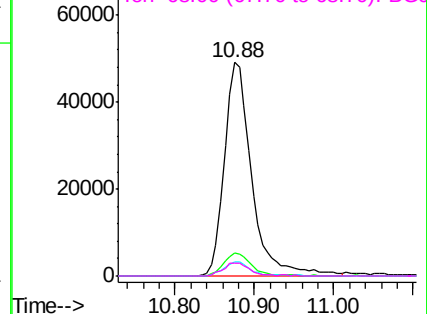
137 10.9 9.0 13.4

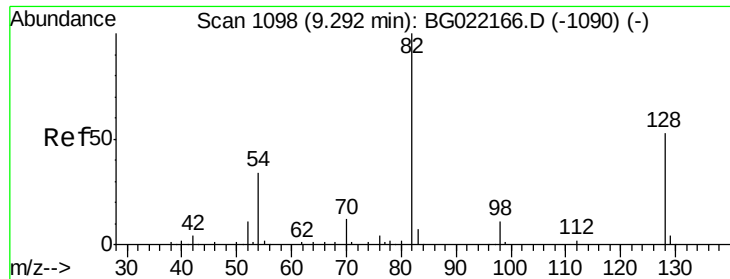
54 6.6 9.6 14.4#

68 6.2 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

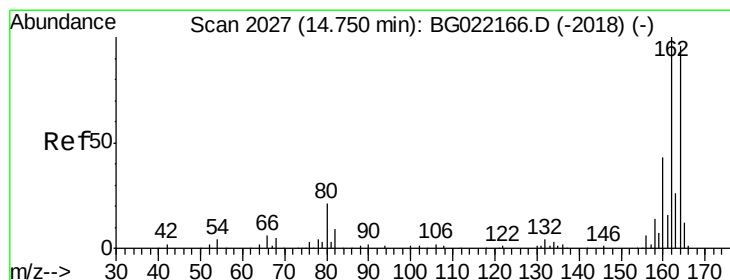
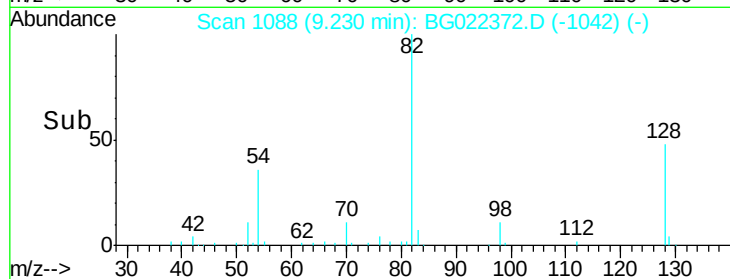
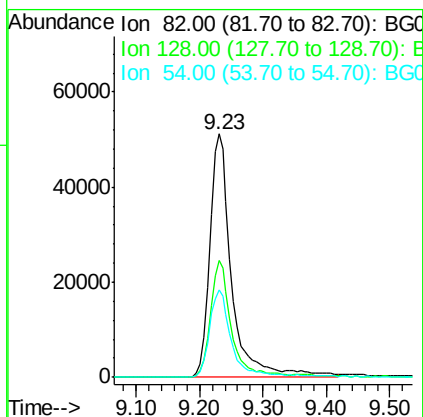
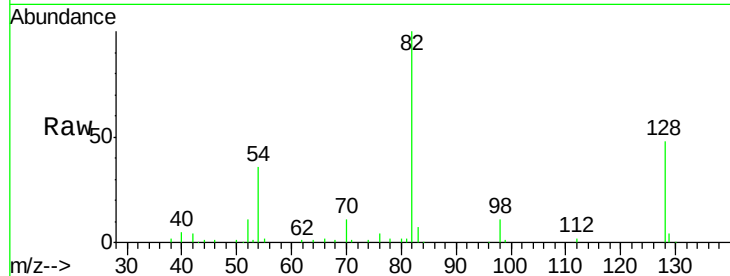




#23
 Nitrobenzene-d5
 Concen: 73.92 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BG022372.D
 Acq: 16 Jun 2016 18:58

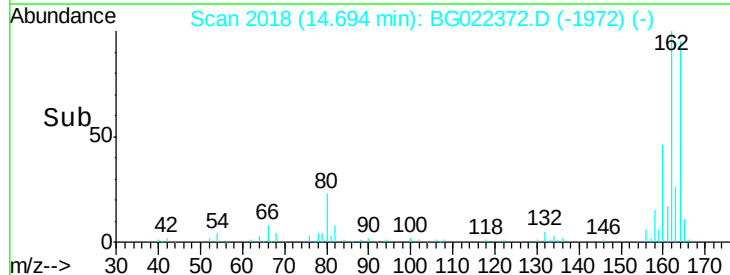
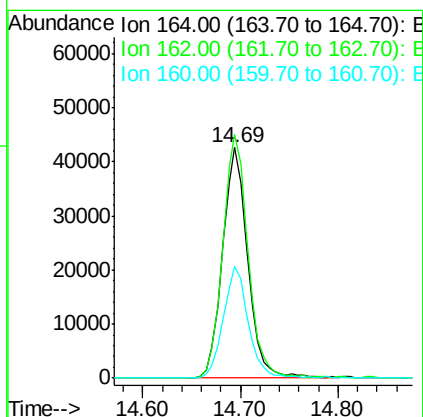
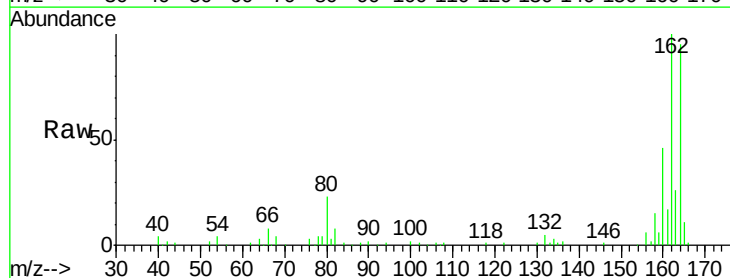
Instrument :
 BNA_G
 ClientSampleId :
 SB-09-COMP

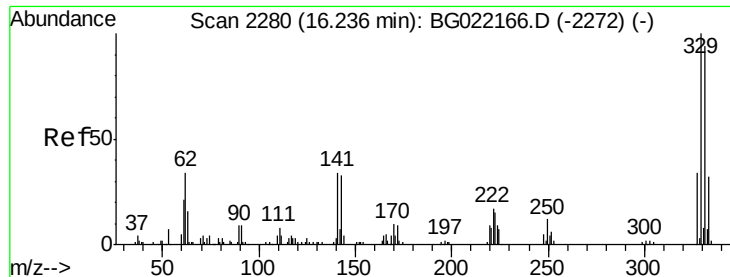
Tgt Ion: 82 Resp: 124456
 Ion Ratio Lower Upper
 82 100
 128 48.1 33.4 50.0
 54 35.8 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 2018
 Delta R.T. -0.03 min
 Lab File: BG022372.D
 Acq: 16 Jun 2016 18:58

Tgt Ion: 164 Resp: 76224
 Ion Ratio Lower Upper
 164 100
 162 105.5 78.0 117.0
 160 48.6 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 84.98 ng

RT: 16.19 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

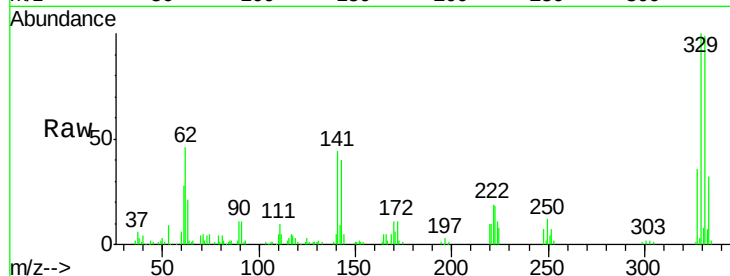
Tgt Ion:330 Resp: 73190

Ion Ratio Lower Upper

330 100

332 100.8 78.0 117.0

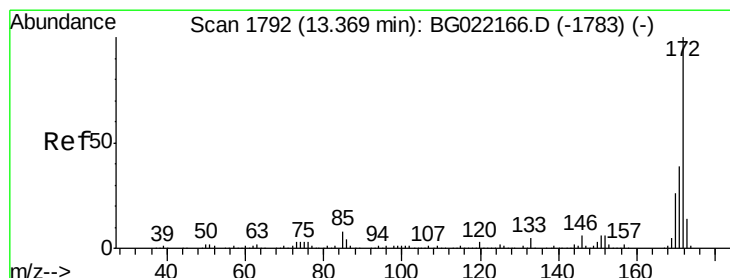
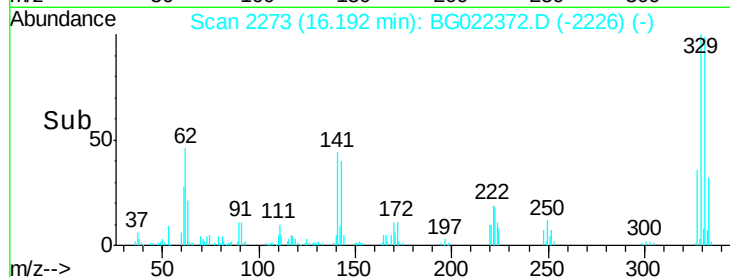
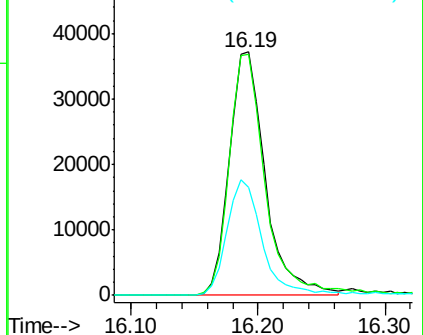
141 46.5 33.8 50.8



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: 57.04 ng

RT: 13.31 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

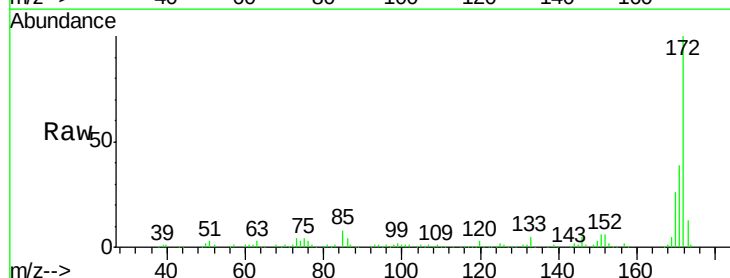
Tgt Ion:172 Resp: 285285

Ion Ratio Lower Upper

172 100

171 39.2 27.8 41.6

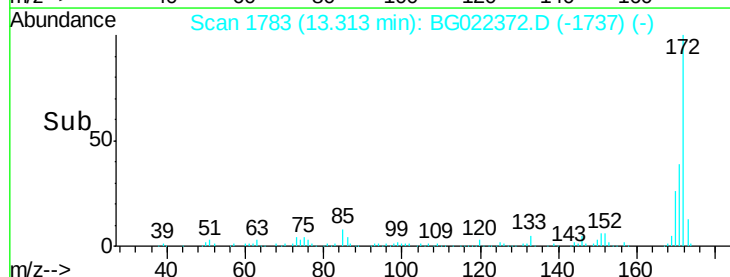
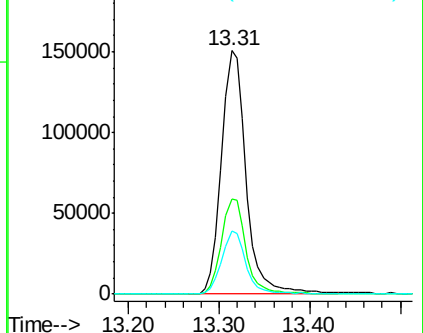
170 26.0 19.6 29.4

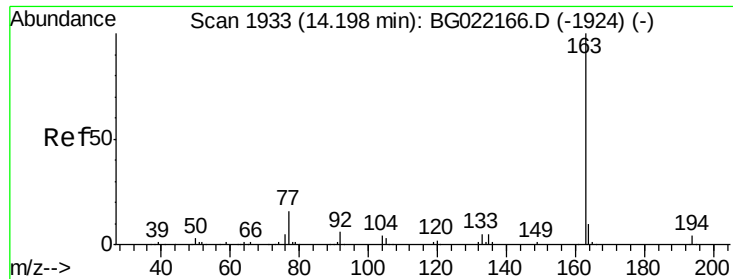


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

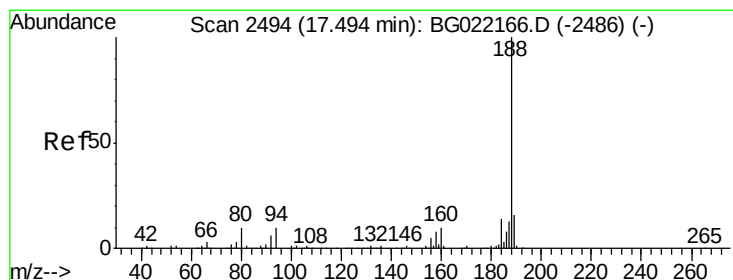
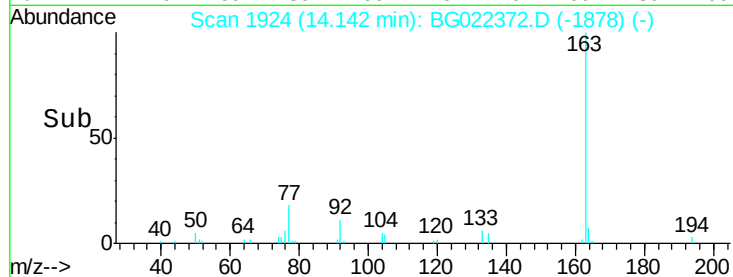
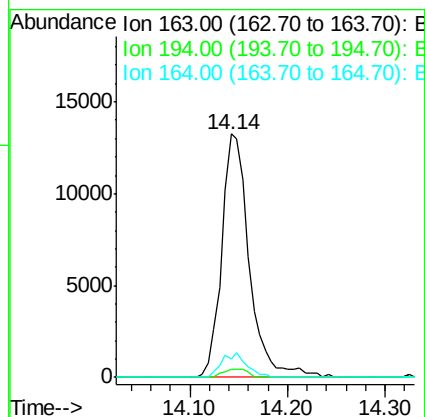
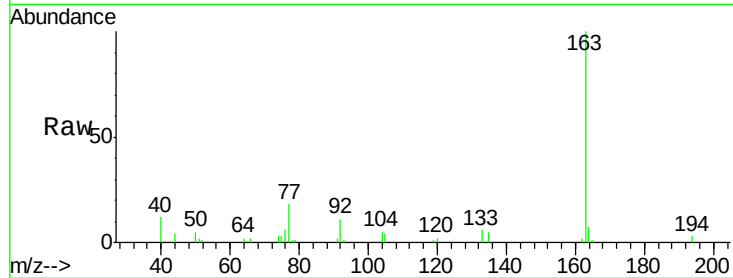




#49
Dimethylphthalate
Concen: 4.12 ng
RT: 14.14 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BG022372.D
Acq: 16 Jun 2016 18:58

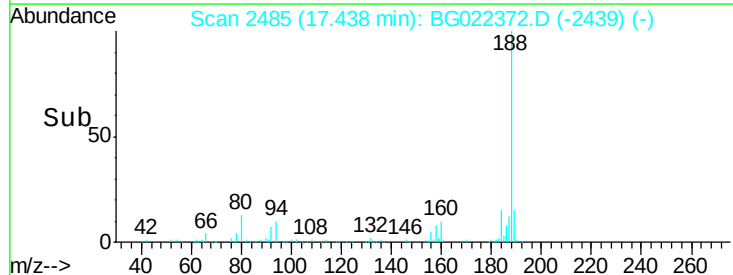
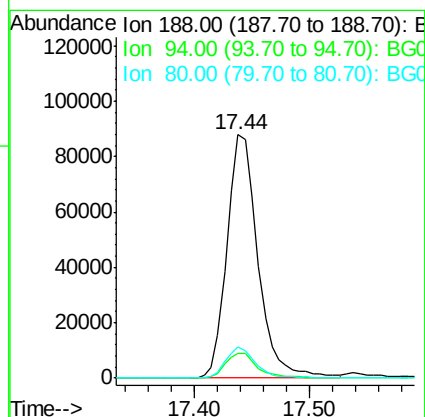
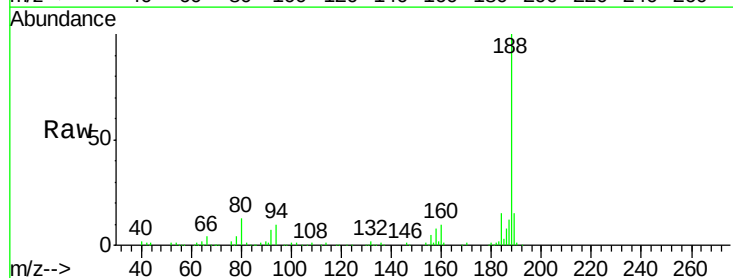
Instrument :
BNA_G
ClientSampleId :
SB-09-COMP

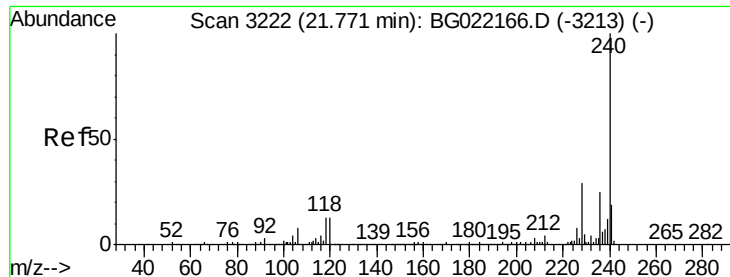
Tgt Ion:163 Resp: 26018
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 7.5 8.1 12.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022372.D
Acq: 16 Jun 2016 18:58

Tgt Ion:188 Resp: 164061
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 12.6 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

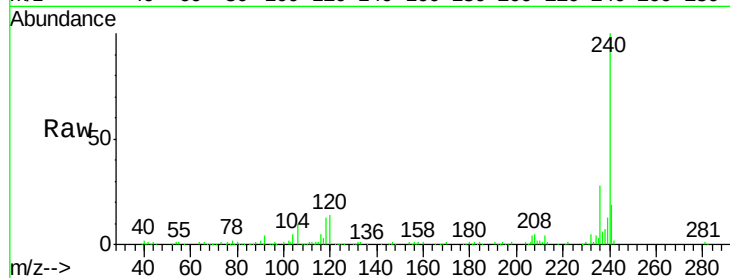
Tgt Ion:240 Resp: 137366

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

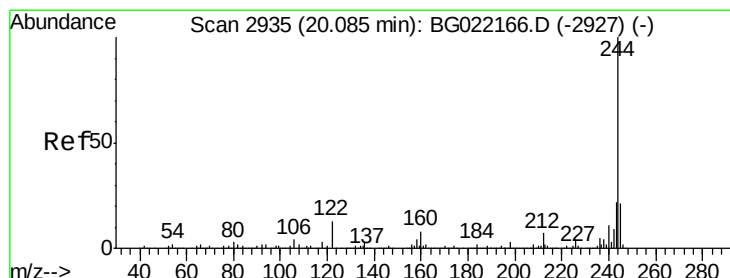
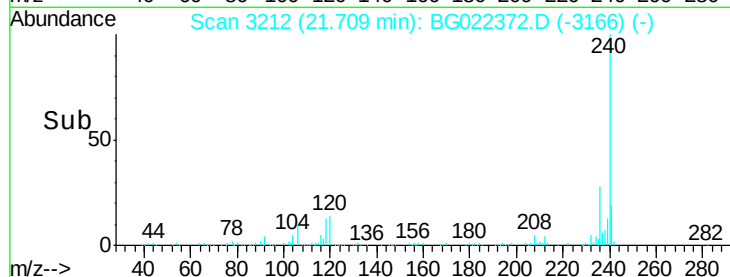
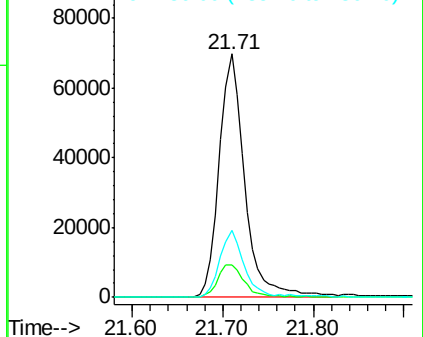
236 27.6 19.6 29.4



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



#78

Terphenyl-d14

Concen: 60.19 ng

RT: 20.04 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

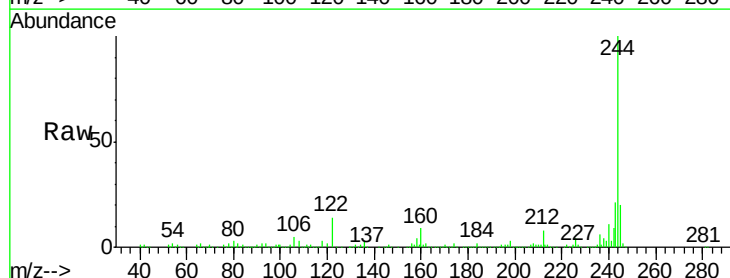
Tgt Ion:244 Resp: 348265

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

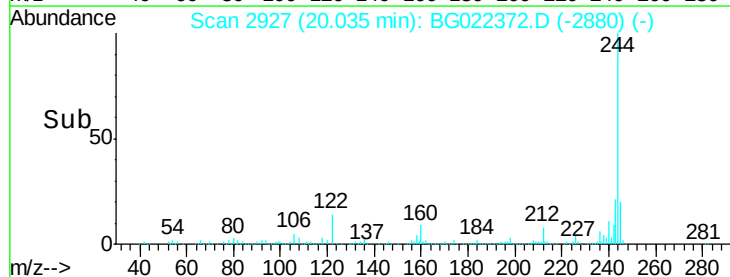
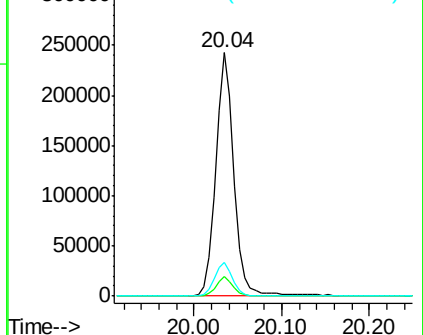
122 13.9 8.6 12.8#

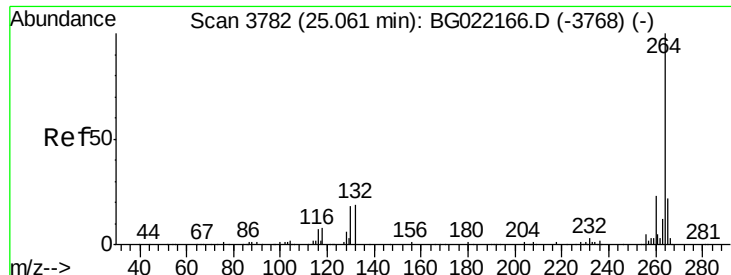


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3766
Delta R.T. -0.05 min
Lab File: BG022372.D
Acq: 16 Jun 2016 18:58

Instrument :
BNA_G
ClientSampleId :
SB-09-COMP

Tgt Ion:	264	Resp:	129587
Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.4
265	20.2	17.8	26.8

