

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022377.D
 Acq On : 16 Jun 2016 22:18
 Operator : UM/SJ
 Sample : H3567-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Jun 17 02:25:13 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

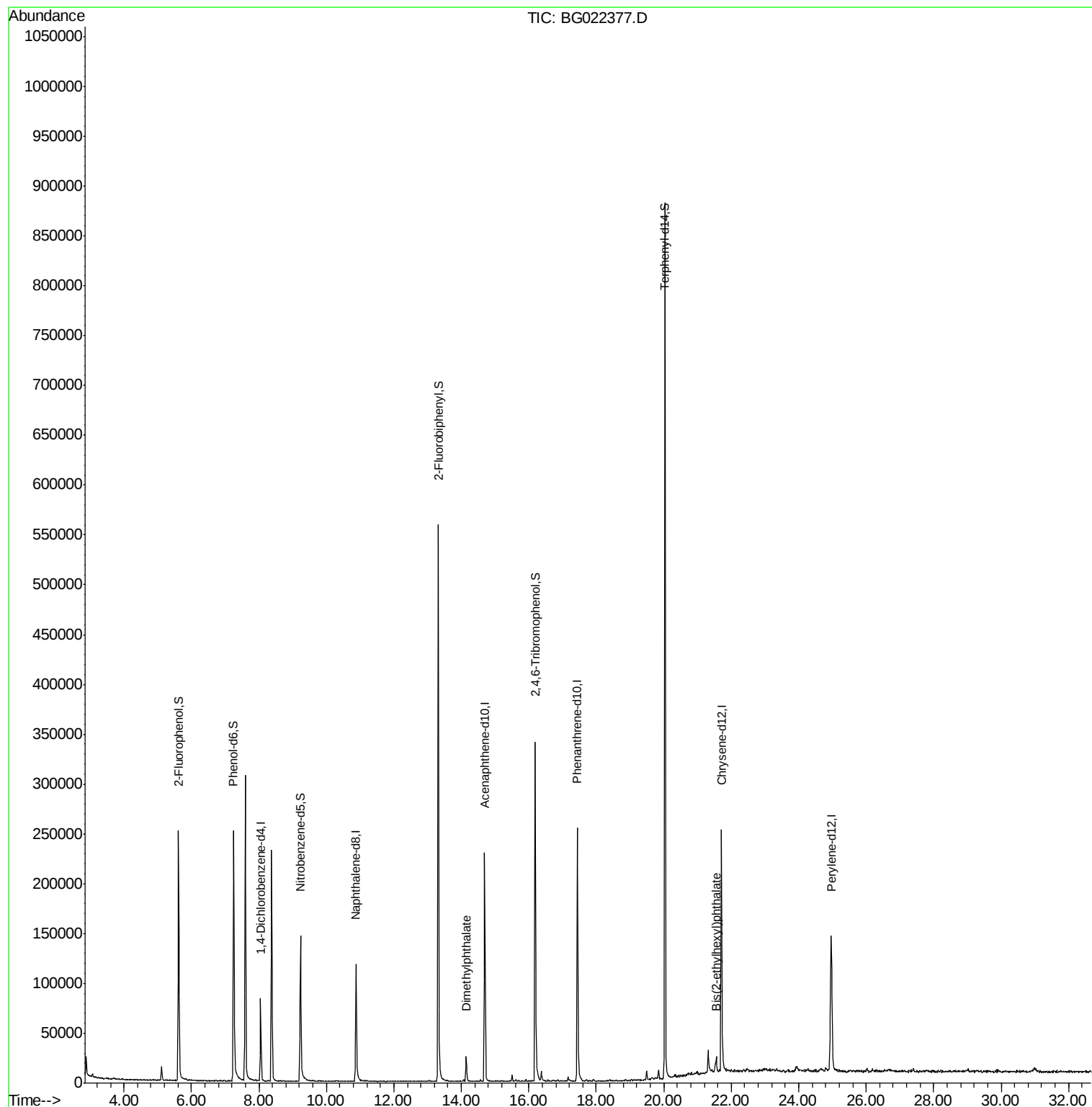
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28605	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	148998	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	93167	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	200087	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	169279	20.00	ng	-0.03
86) Perylene-d12	24.97	264	155169	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	166197	112.34	ng	-0.02
7) Phenol-d6	7.25	99	252492	108.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	134915	63.13	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	82612	78.47	ng	-0.03
44) 2-Fluorobiphenyl	13.32	172	357334	58.45	ng	-0.03
78) Terphenyl-d14	20.03	244	433967	60.86	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.14	163	26131	3.38	ng	# 95
83) Bis(2-ethylhexyl)phthalate	21.55	149	14941	2.08	ng	# 90

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

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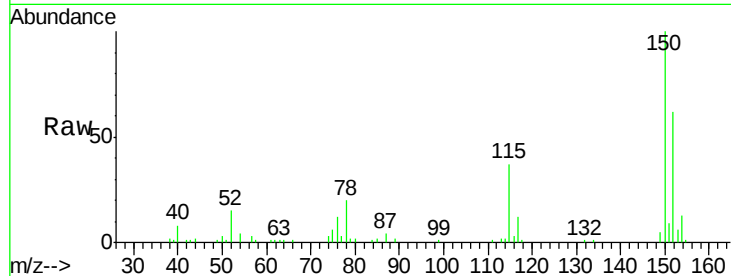


#1

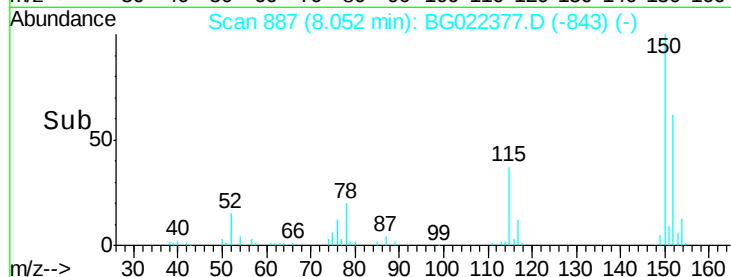
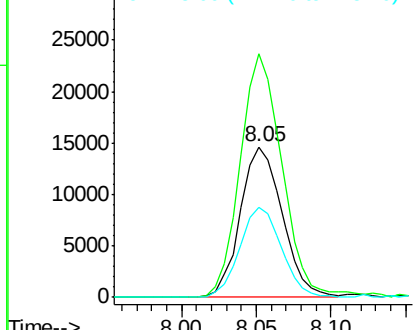
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022377.D
Acq: 16 Jun 2016 22:18

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tot Ion:152 Resp: 28605
Ion Ratio Lower Upper
152 100
150 161.8 130.1 195.1
115 59.5 62.2 93.2#



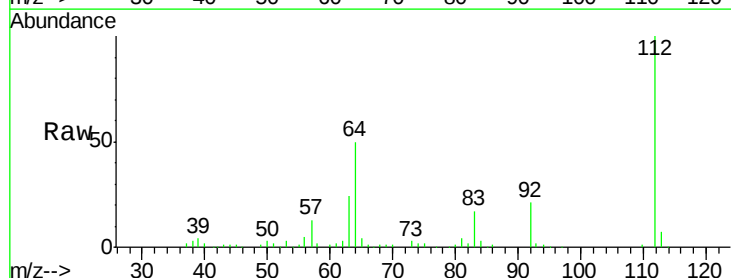
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



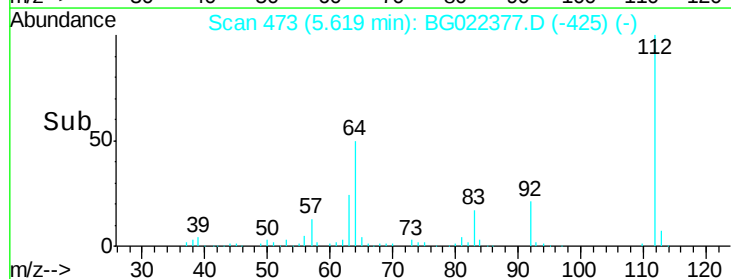
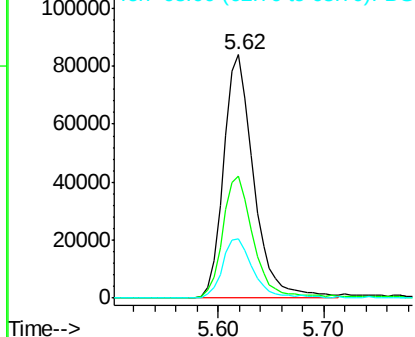
#5

2-Fluorophenol
Concen: 112.34 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022377.D
Acq: 16 Jun 2016 22:18

Tgt Ion:112 Resp: 166197
Ion Ratio Lower Upper
112 100
64 50.0 51.1 76.7#
63 24.3 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: 108.55 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG022377.D

Acq: 16 Jun 2016 22:18

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

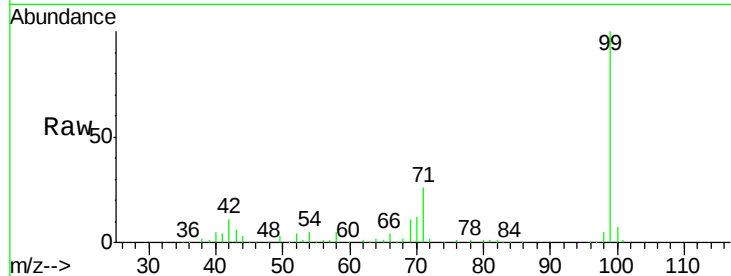
Tot Ion: 99 Resp: 252492

Ion Ratio Lower Upper

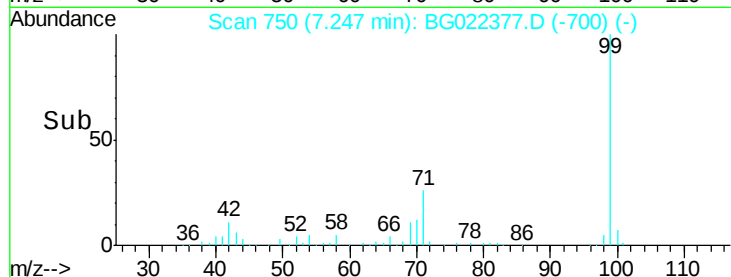
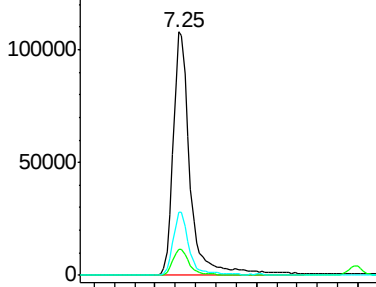
99 100

42 10.9 16.4 24.6#

71 25.9 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: BG022377.D

Acq: 16 Jun 2016 22:18

Tgt Ion: 136 Resp: 148998

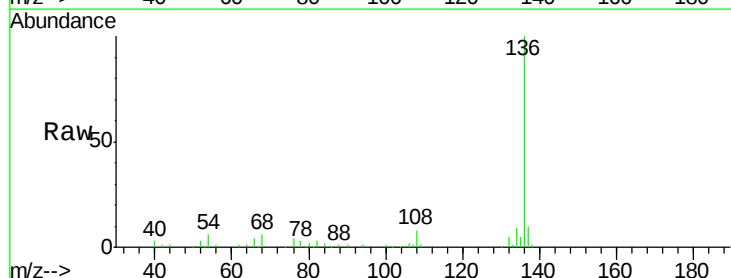
Ion Ratio Lower Upper

136 100

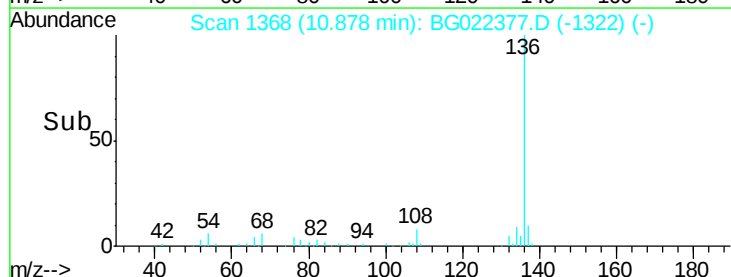
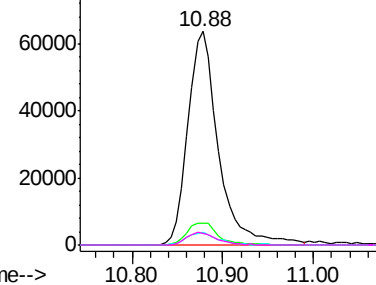
137 10.2 9.0 13.4

54 5.9 9.6 14.4#

68 5.7 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

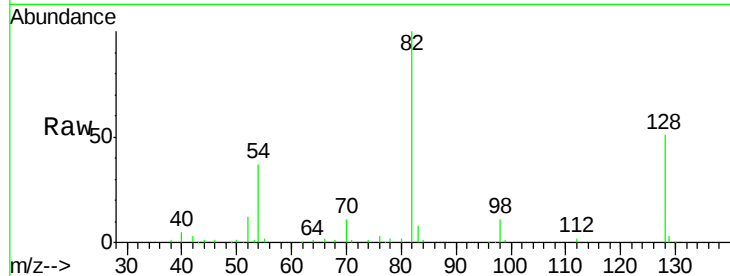




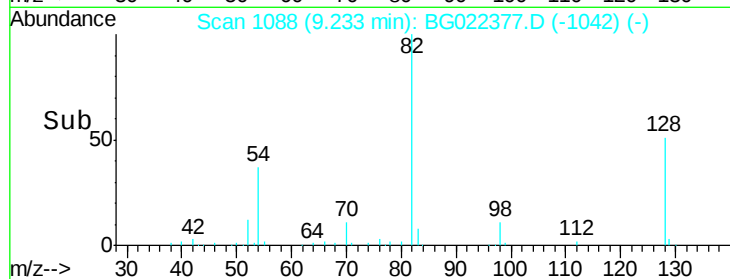
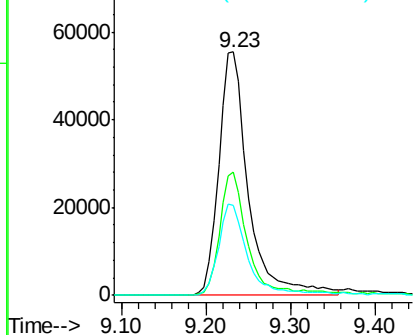
#23
Nitrobenzene-d5
Concen: 63.13 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022377.D
Acq: 16 Jun 2016 22:18

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tot Ion	82	Resp	134915
Ion Ratio	100	Lower	Upper
128	50.7	33.4	50.0#
54	36.7	46.1	69.1#

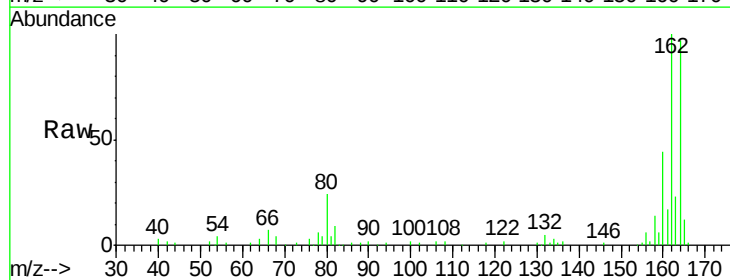


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

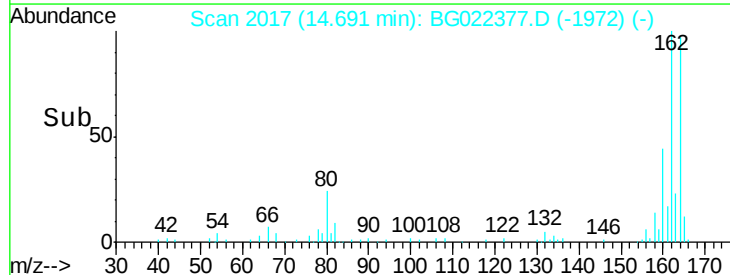
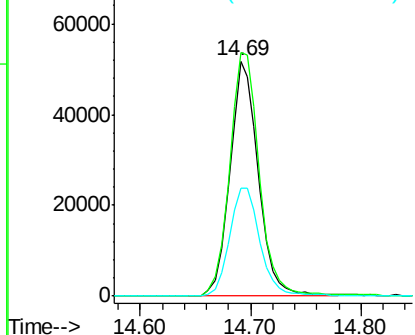


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BG022377.D
Acq: 16 Jun 2016 22:18

Tgt Ion	164	Resp	93167
Ion Ratio	100	Lower	Upper
162	103.6	78.0	117.0
160	46.1	32.9	49.3



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





#41

2,4,6-Tribromophenol

Concen: 78.47 ng

RT: 16.19 min Scan# 2272

Delta R.T. -0.03 min

Lab File: BG022377.D

Acq: 16 Jun 2016 22:18

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

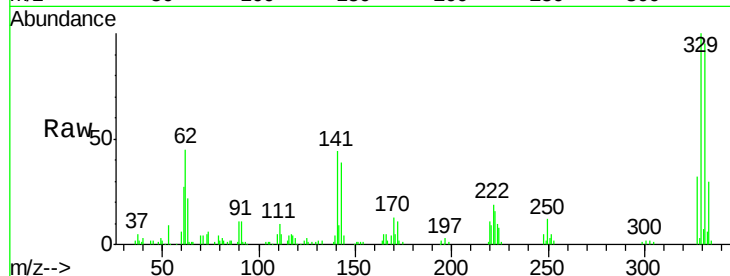
Tot Ion:330 Resp: 82612

Ion Ratio Lower Upper

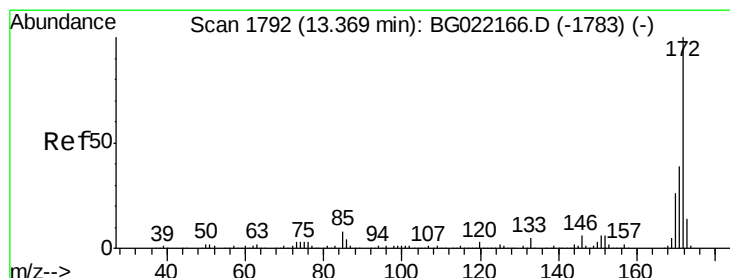
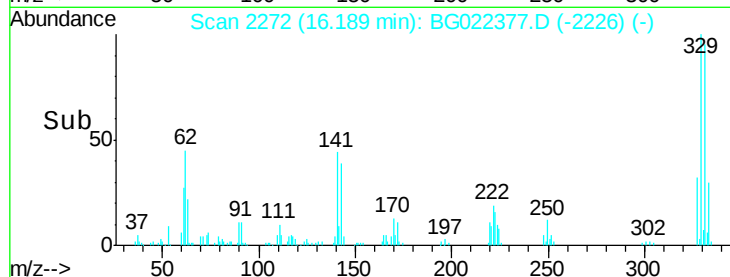
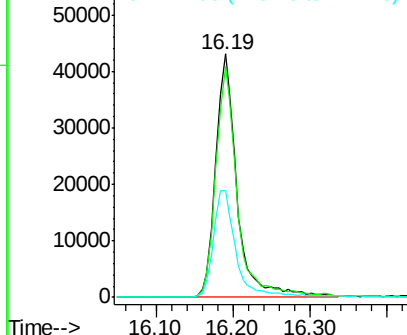
330 100

332 95.3 78.0 117.0

141 46.1 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: 58.45 ng

RT: 13.32 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BG022377.D

Acq: 16 Jun 2016 22:18

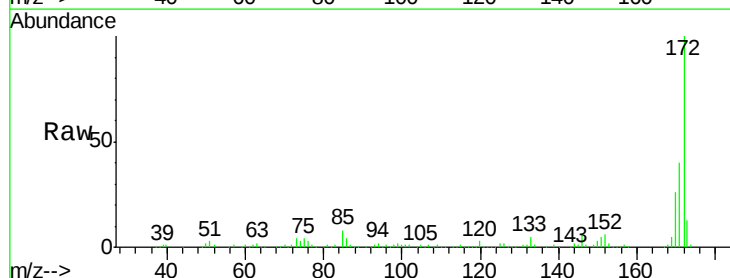
Tgt Ion:172 Resp: 357334

Ion Ratio Lower Upper

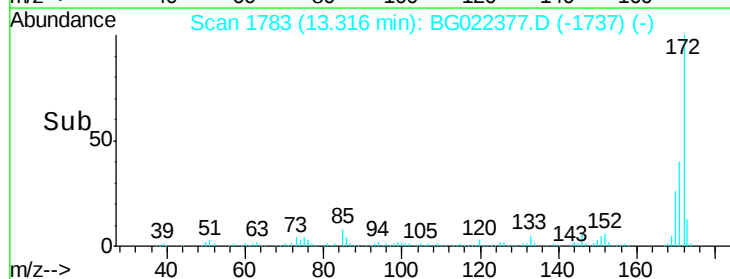
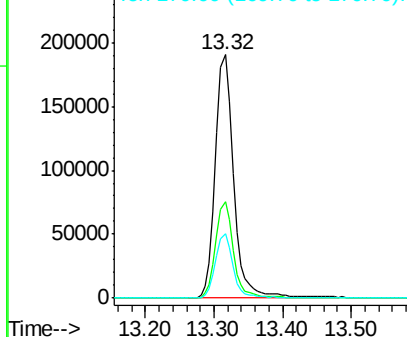
172 100

171 39.6 27.8 41.6

170 26.2 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

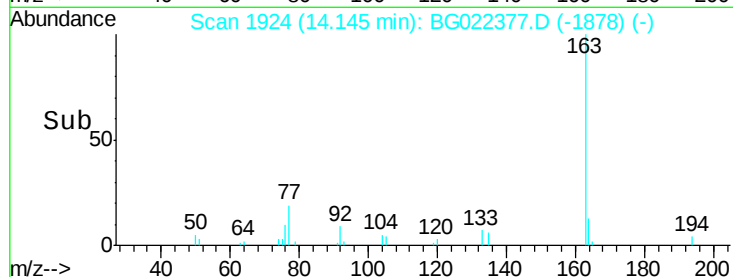
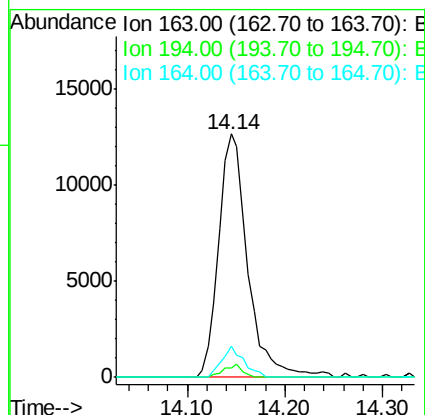
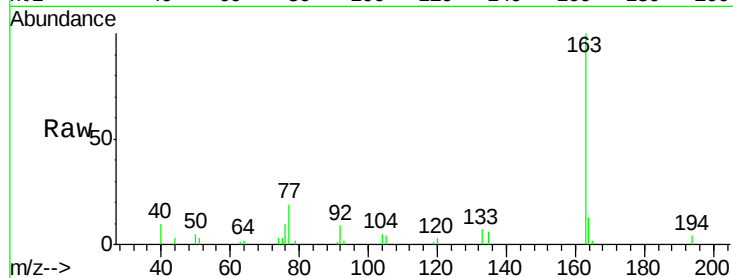




#49
Dimethylphthalate
Concen: 3.38 ng
RT: 14.14 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BG022377.D
Acq: 16 Jun 2016 22:18

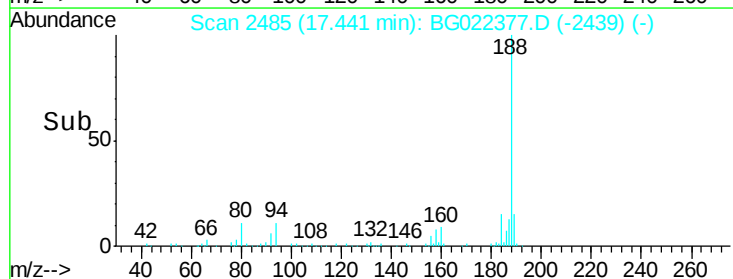
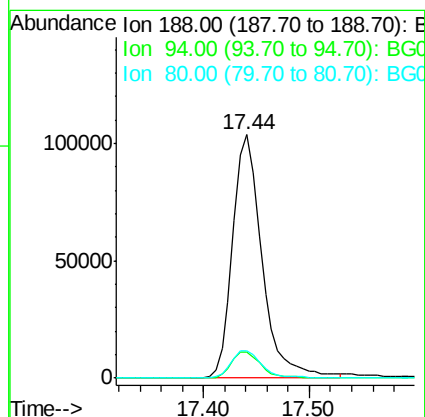
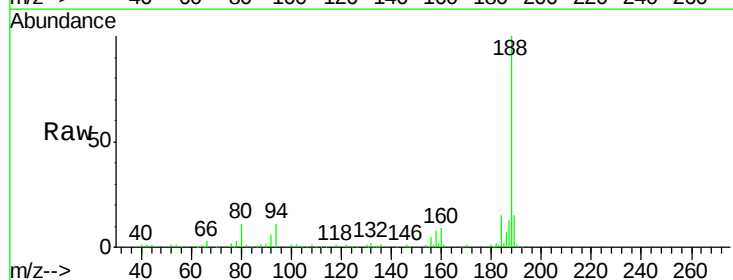
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

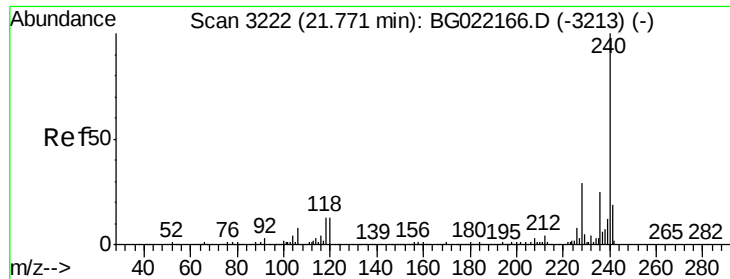
Tot Ion:163 Resp: 26131
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 12.6 8.1 12.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022377.D
Acq: 16 Jun 2016 22:18

Tgt Ion:188 Resp: 200087
Ion Ratio Lower Upper
188 100
94 10.6 7.5 11.3
80 11.2 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: BG022377.D

Acq: 16 Jun 2016 22:18

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

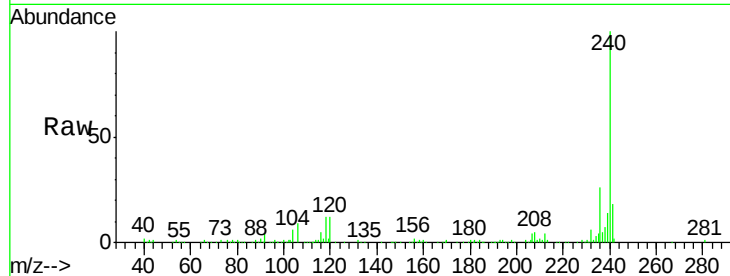
Tot Ion:240 Resp: 169279

Ion Ratio Lower Upper

240 100

120 12.4 8.4 12.6

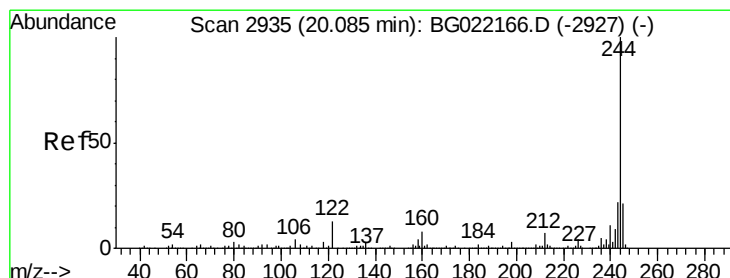
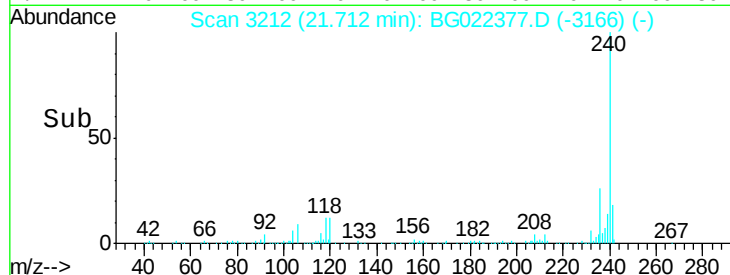
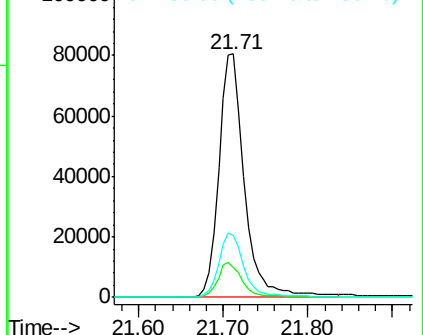
236 25.7 19.6 29.4



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: 60.86 ng

RT: 20.03 min Scan# 2926

Delta R.T. -0.03 min

Lab File: BG022377.D

Acq: 16 Jun 2016 22:18

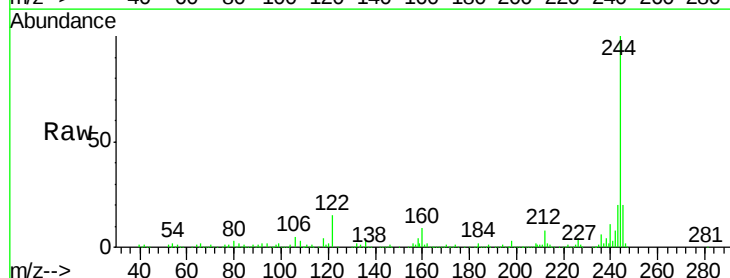
Tgt Ion:244 Resp: 433967

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

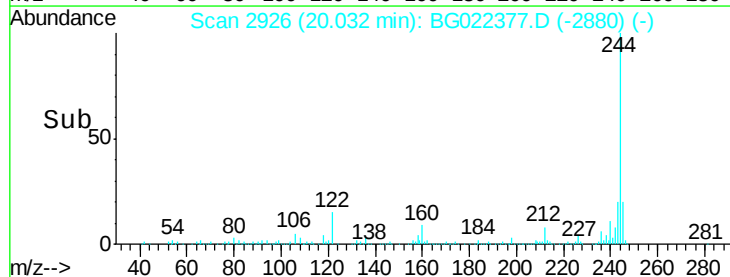
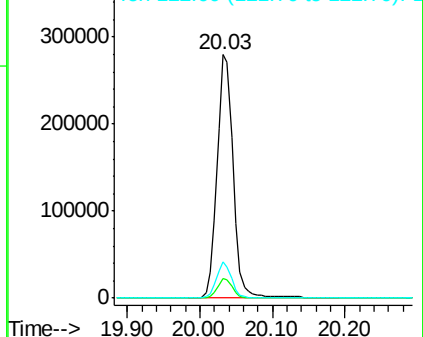
122 14.7 8.6 12.8#

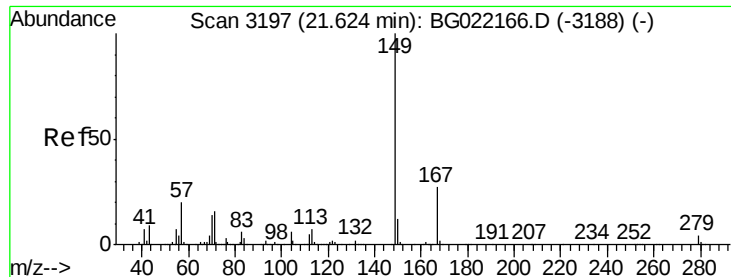


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

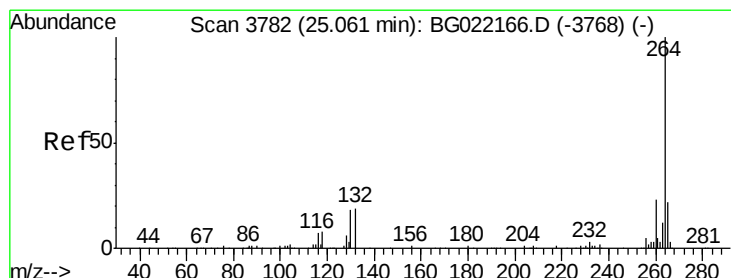
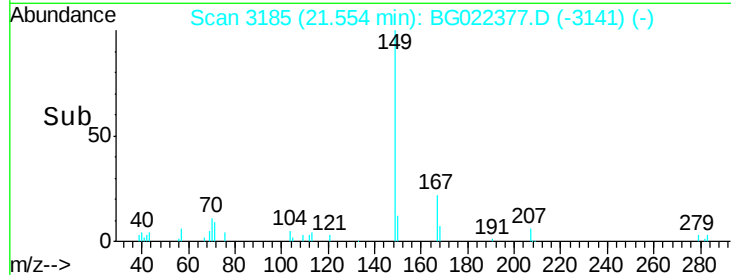
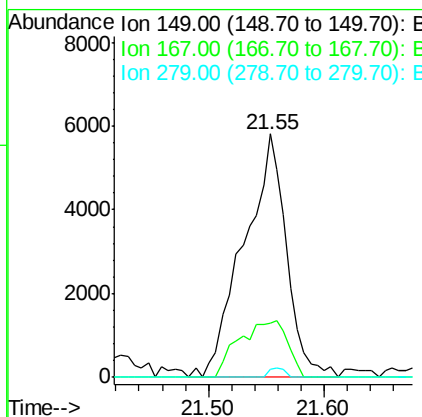
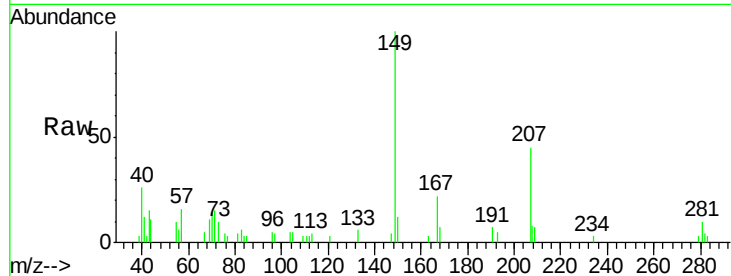




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.08 ng
 RT: 21.55 min Scan# 3185
 Delta R.T. -0.04 min
 Lab File: BG022377.D
 Acq: 16 Jun 2016 22:18

Instrument :
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 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.4	22.4	33.6
279	3.4	3.2	4.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.97 min Scan# 3766
 Delta R.T. -0.04 min
 Lab File: BG022377.D
 Acq: 16 Jun 2016 22:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.2	30.4
265	21.1	17.8	26.8

