

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027690.D
 Acq On : 27 Jun 2017 1:04
 Operator : SJ/JU
 Sample : I3898-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-72-12002-VNJ-201-COMP

Quant Time: Jun 27 02:18:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

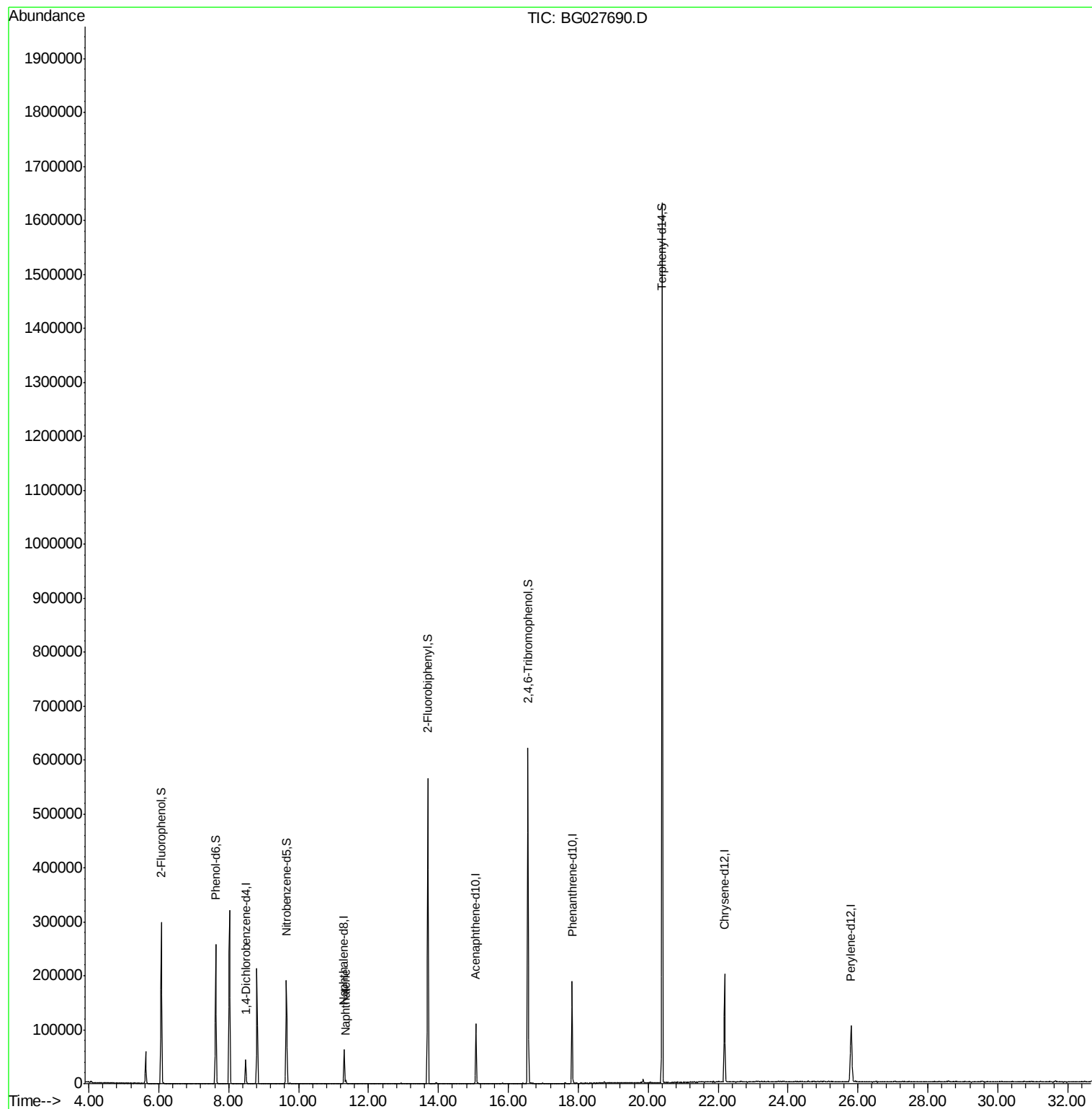
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12194	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	53990	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	37667	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	122179	20.00	ng	-0.03
75) Chrysene-d12	22.18	240	137860	20.00	ng	-0.03
86) Perylene-d12	25.80	264	133597	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	116862	136.40	ng	-0.01
7) Phenol-d6	7.63	99	139893	110.29	ng	-0.01
23) Nitrobenzene-d5	9.65	82	117399	102.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	123046	219.12	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	286048	103.74	ng	-0.02
78) Terphenyl-d14	20.40	244	694410	118.68	ng	-0.02
Target Compounds						
31) Naphthalene	11.35	128	5998	2.06	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: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

Instrument :

BNA_G

ClientSampleId :

VNJ-72-12002-VNJ-201-COMP

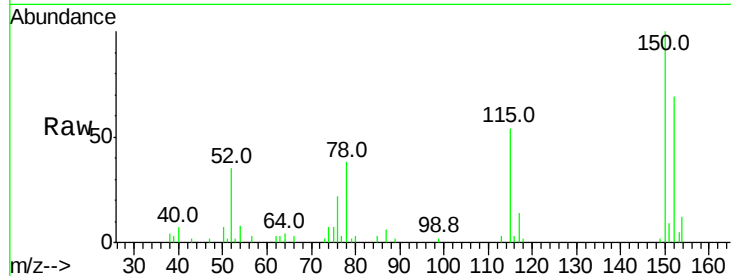
Tot Ion:152 Resp: 12194

Ion Ratio Lower Upper

152 100

150 144.2 114.0 171.0

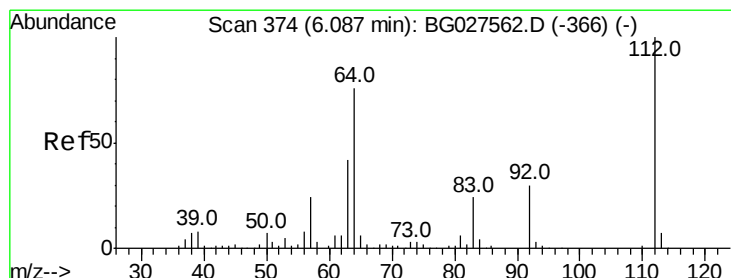
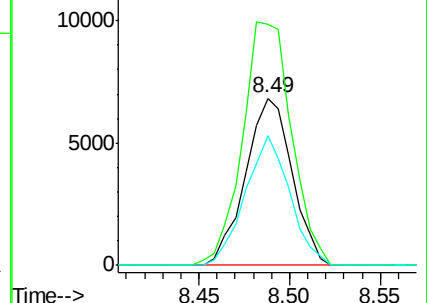
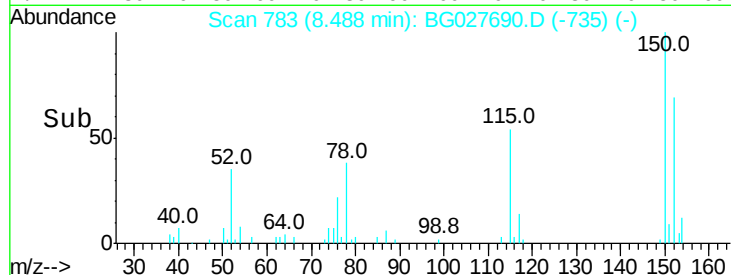
115 77.6 48.1 72.1#



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: 136.40 ng

RT: 6.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

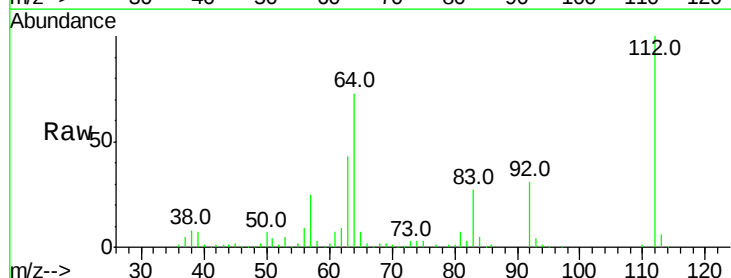
Tgt Ion:112 Resp: 116862

Ion Ratio Lower Upper

112 100

64 73.1 61.8 92.6

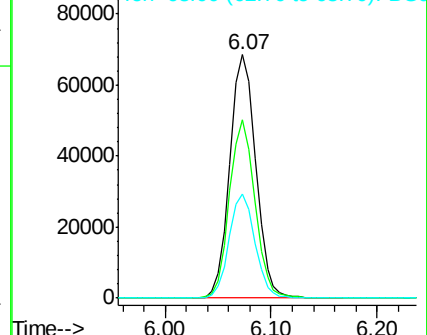
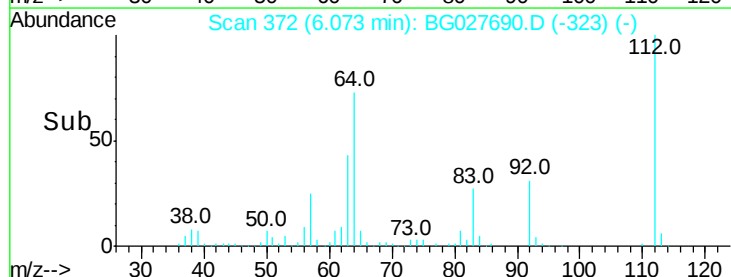
63 43.0 37.2 55.8

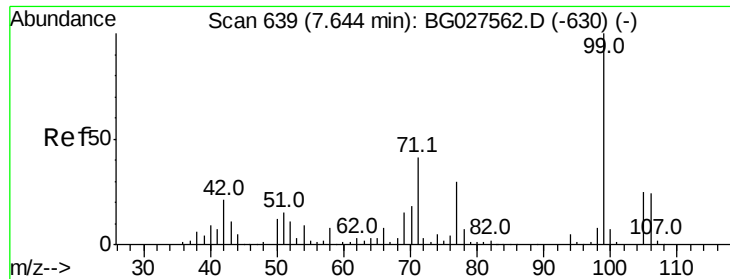


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.29 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

Instrument :

BNA_G

ClientSampleId :

VNJ-72-12002-VNJ-201-COMP

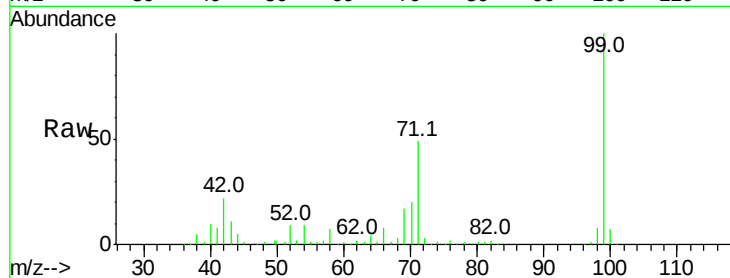
Tot Ion: 99 Resp: 139893

Ion Ratio Lower Upper

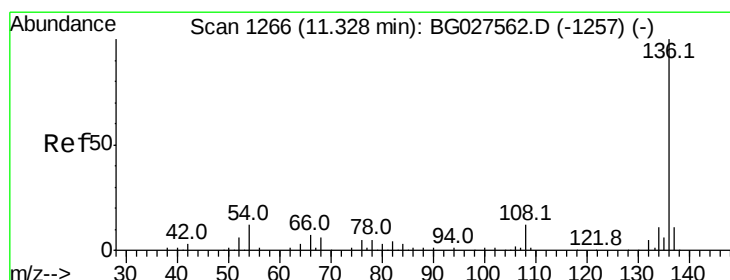
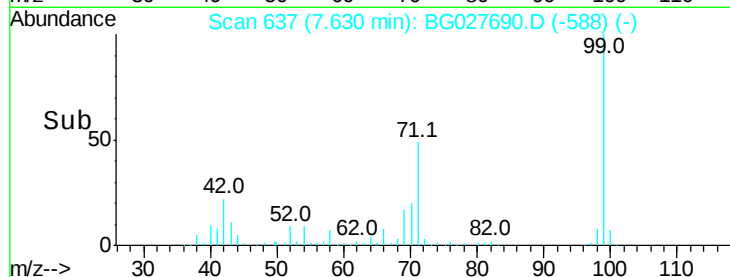
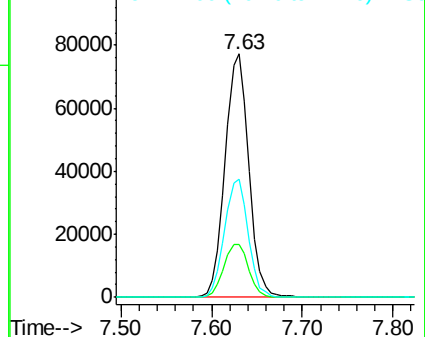
99 100

42 21.8 20.5 30.7

71 48.8 37.6 56.4



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: 11.30 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

Tgt Ion: 136 Resp: 53990

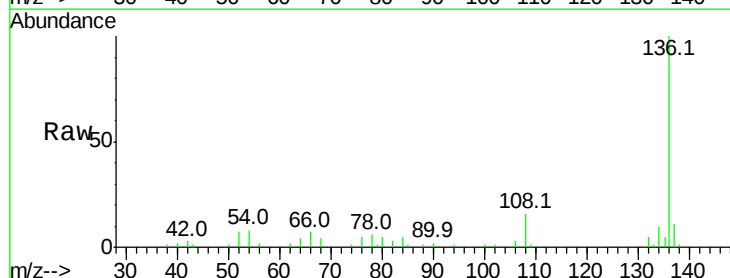
Ion Ratio Lower Upper

136 100

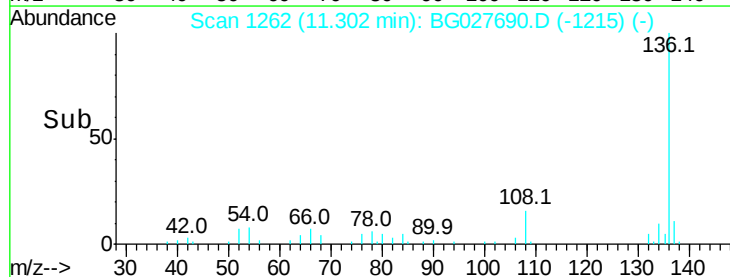
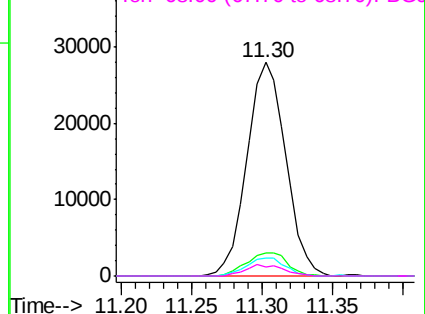
137 10.8 8.9 13.3

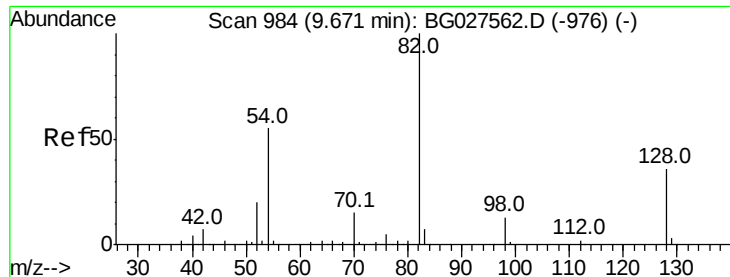
54 8.5 9.3 13.9#

68 4.3 5.1 7.7#



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

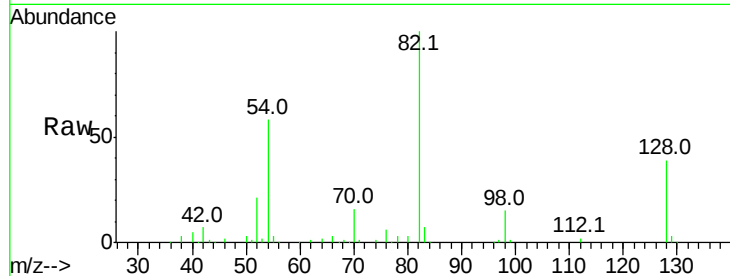




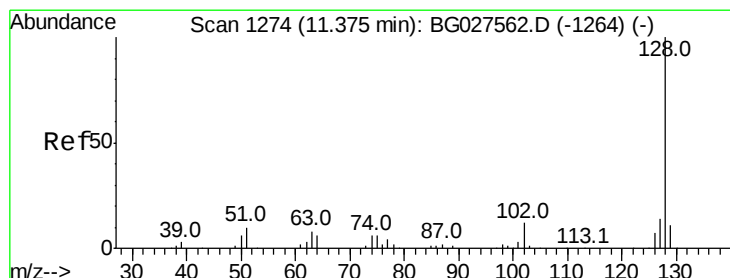
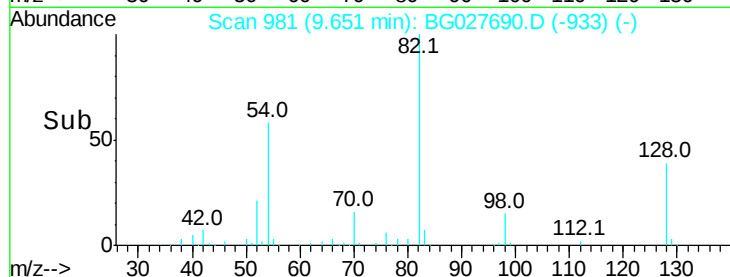
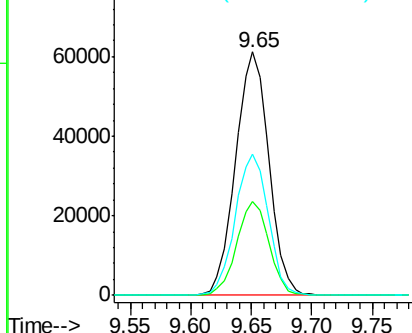
#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Instrument :
BNA_G
ClientSampleId :
VNJ-72-12002-VNJ-201-COMP

Tot Ion: 82 Resp: 117399
Ion Ratio Lower Upper
82 100
128 38.7 26.4 39.6
54 57.8 49.4 74.2

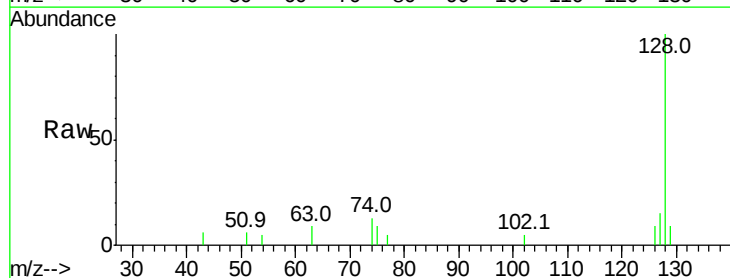


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

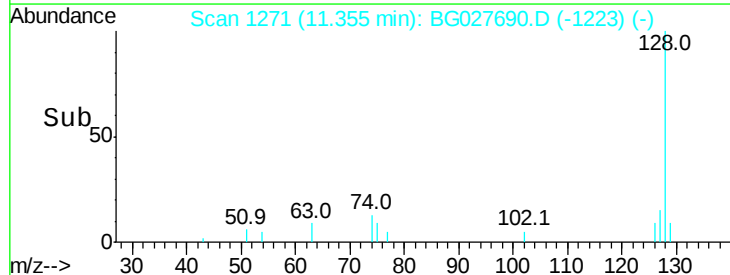
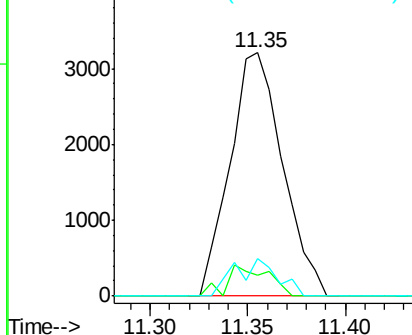


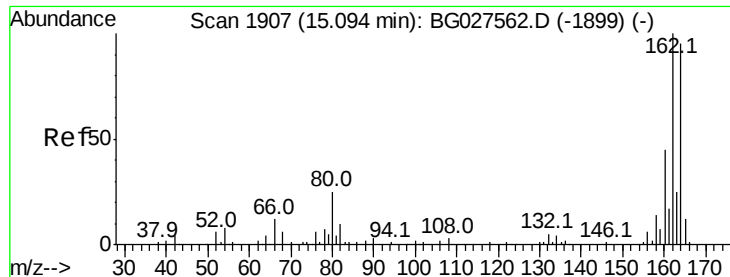
#31
Naphthalene
Concen: 2.06 ng
RT: 11.35 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Tgt Ion: 128 Resp: 5998
Ion Ratio Lower Upper
128 100
129 8.8 9.3 13.9#
127 15.4 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

Instrument :

BNA_G

ClientSampleId :

VNJ-72-12002-VNJ-201-COMP

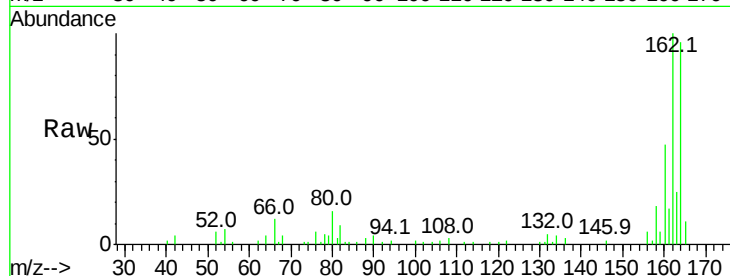
Tot Ion:164 Resp: 37667

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

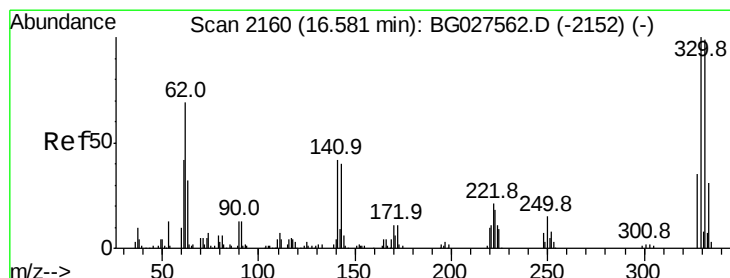
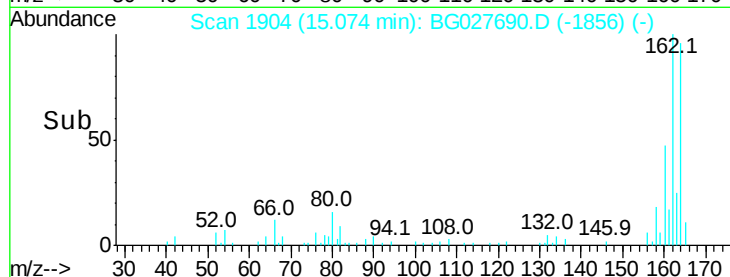
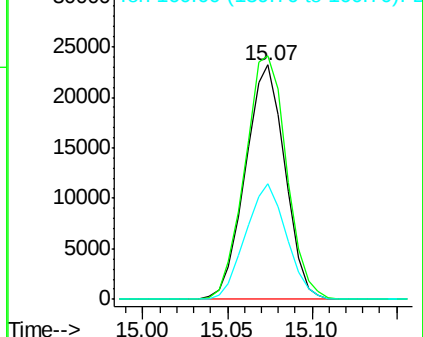
160 49.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 219.12 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

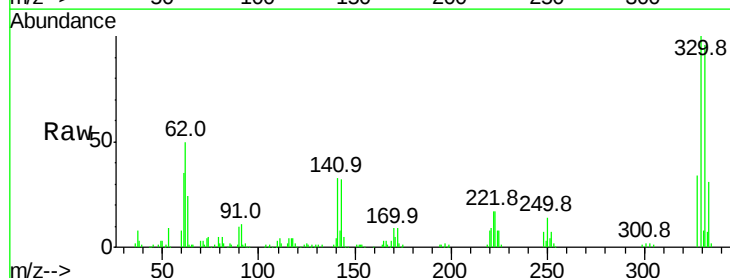
Tgt Ion:330 Resp: 123046

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

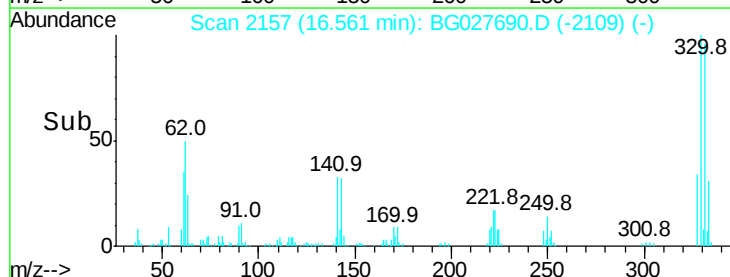
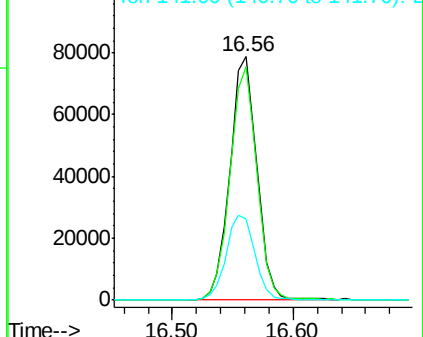
141 36.9 32.1 48.1

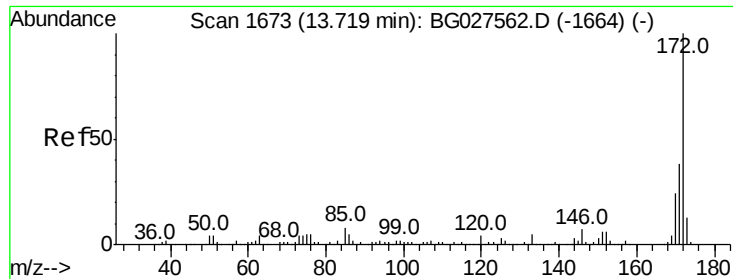


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

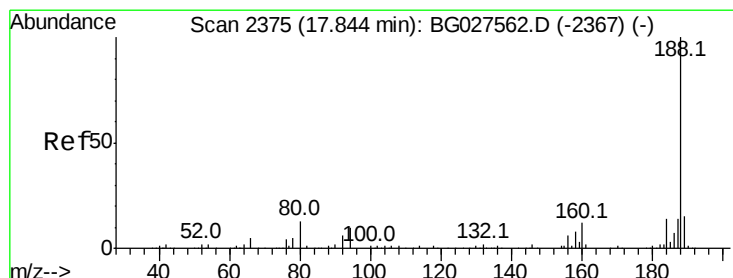
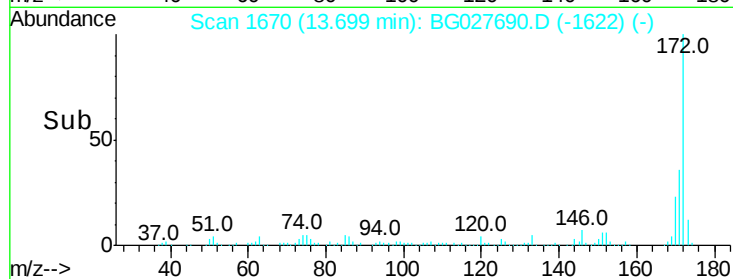
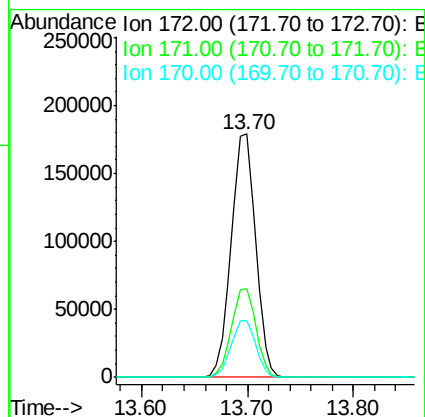
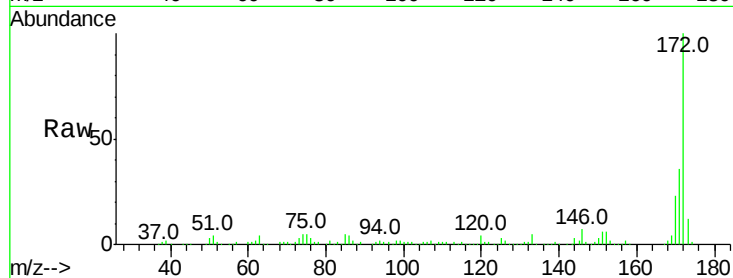




#44
 2-Fluorobiphenyl
 Concen: 103.74 ng
 RT: 13.70 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BG027690.D
 Acq: 27 Jun 2017 1:04

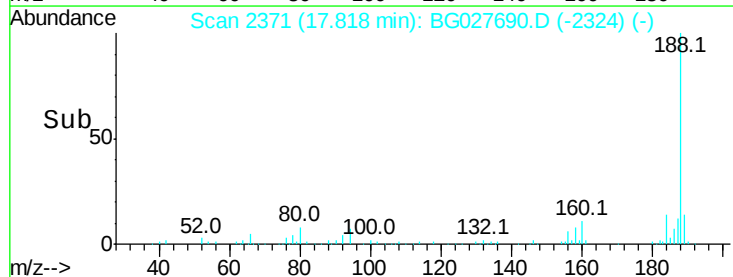
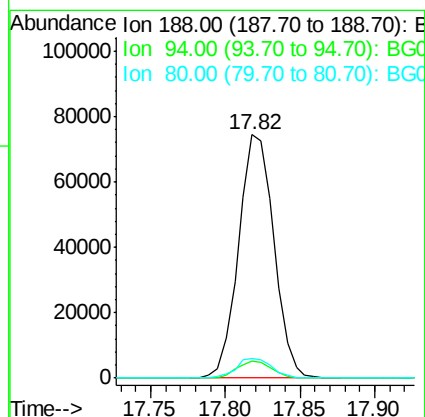
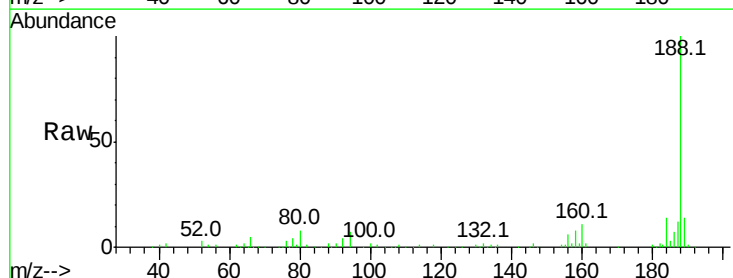
Instrument :
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 VNJ-72-12002-VNJ-201-COMP

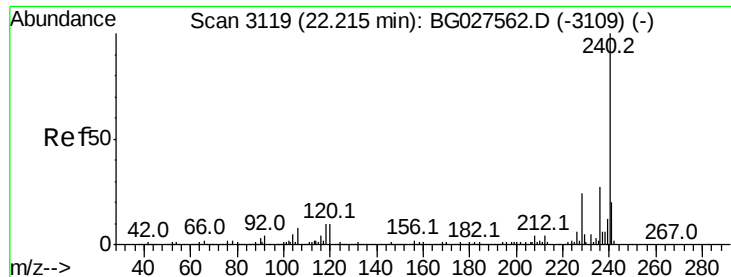
Tot Ion:172 Resp: 286048
 Ion Ratio Lower Upper
 172 100
 171 36.3 32.2 48.2
 170 23.4 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. -0.03 min
 Lab File: BG027690.D
 Acq: 27 Jun 2017 1:04

Tgt Ion:188 Resp: 122179
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.8 8.8
 80 8.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

Instrument :

BNA_G

ClientSampleId :

VNJ-72-12002-VNJ-201-COMP

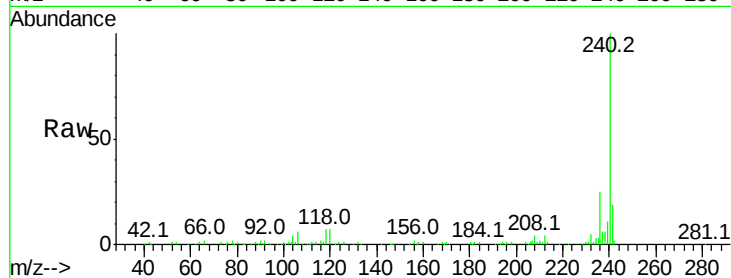
Tot Ion:240 Resp: 137860

Ion Ratio Lower Upper

240 100

120 7.3 5.7 8.5

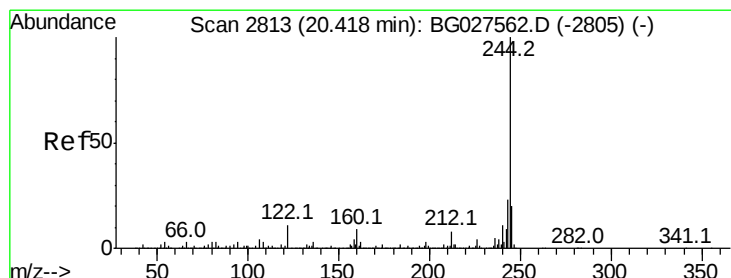
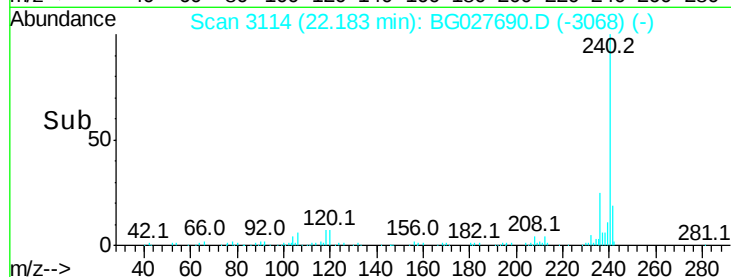
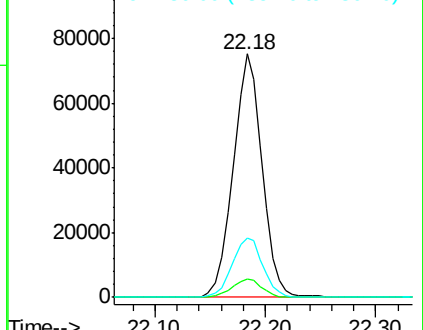
236 24.5 22.2 33.4



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: 118.68 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

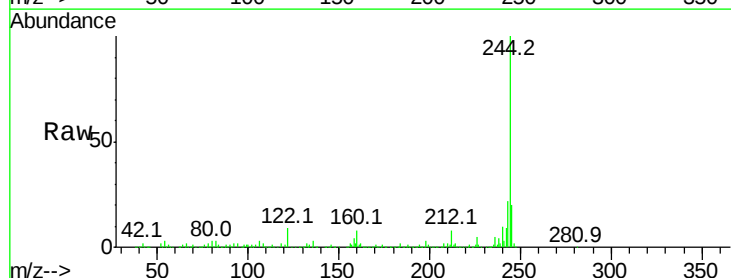
Tgt Ion:244 Resp: 694410

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

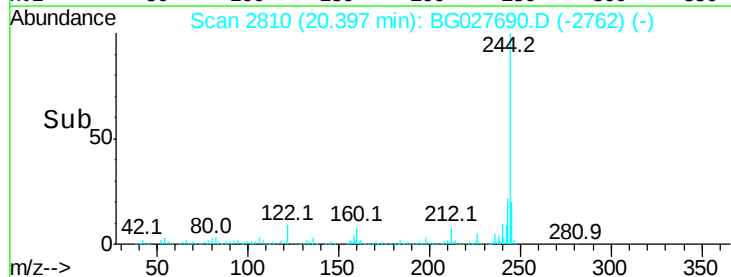
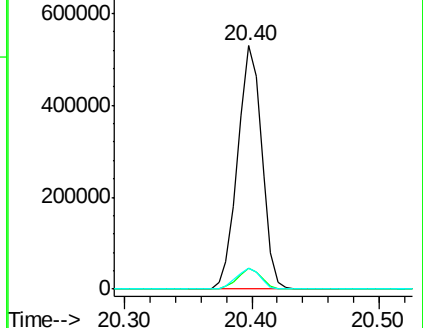
122 8.6 8.6 12.8



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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3730
 Delta R.T. -0.04 min
 Lab File: BG027690.D
 Acq: 27 Jun 2017 1:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	19.4	18.2	27.4

