

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027906.D
 Acq On : 11 Jul 2017 3:22
 Operator : SJ/JU
 Sample : I4078-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228

Quant Time: Jul 11 07:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	37860	20.00	ng	-0.01
21) Naphthalene-d8	11.24	136	165540	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	97447	20.00	ng	-0.02
63) Phenanthrene-d10	17.76	188	284327	20.00	ng	-0.02
75) Chrysene-d12	22.10	240	294983	20.00	ng	-0.02
86) Perylene-d12	25.67	264	286834	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	336222	136.75	ng	0.00
7) Phenol-d6	7.56	99	418817	111.51	ng	-0.01
23) Nitrobenzene-d5	9.58	82	244066	82.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	290090	217.04	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	668342	97.95	ng	-0.02
78) Terphenyl-d14	20.34	244	1547589	122.99	ng	-0.01

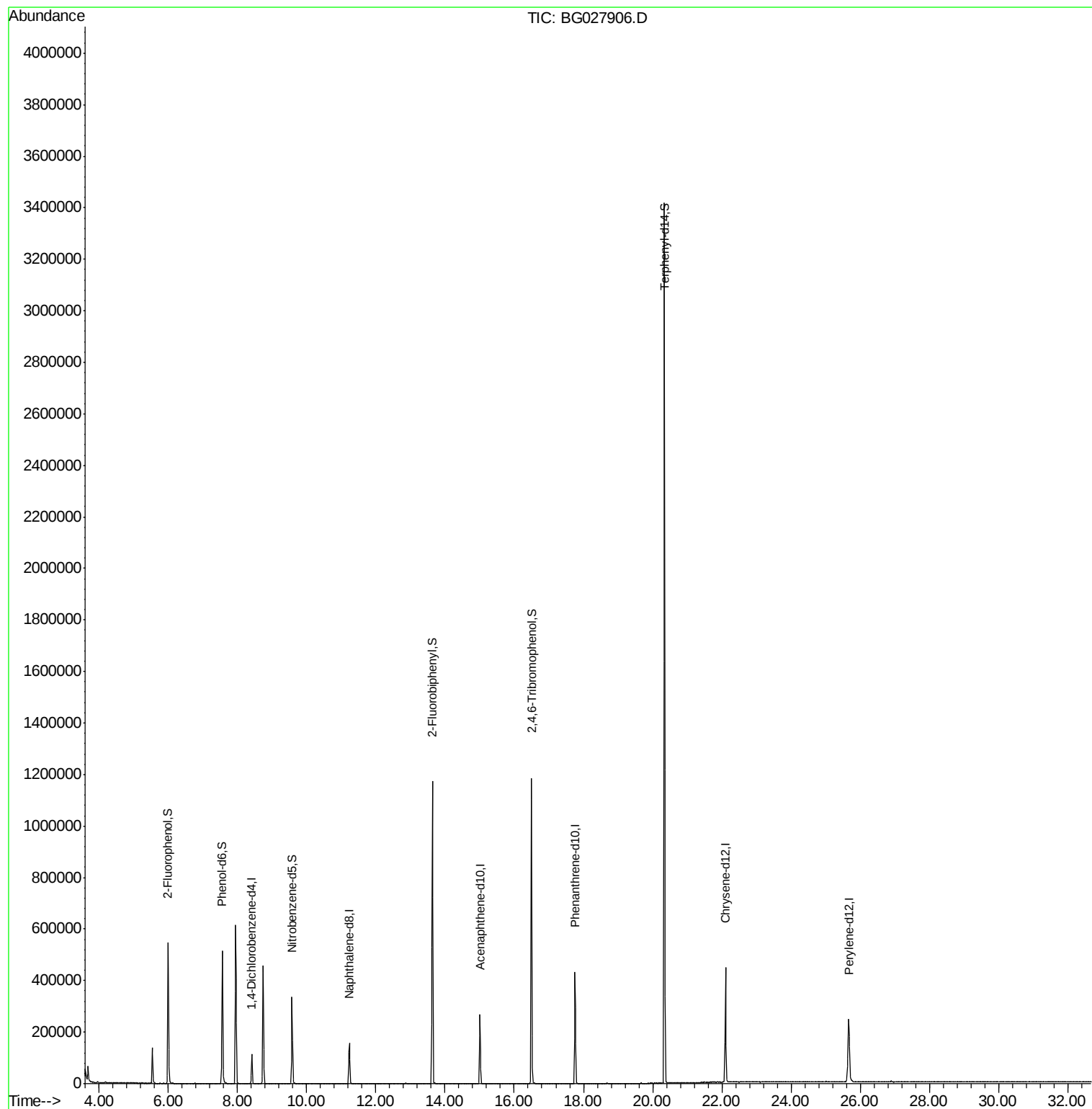
Target Compounds	Qvalue
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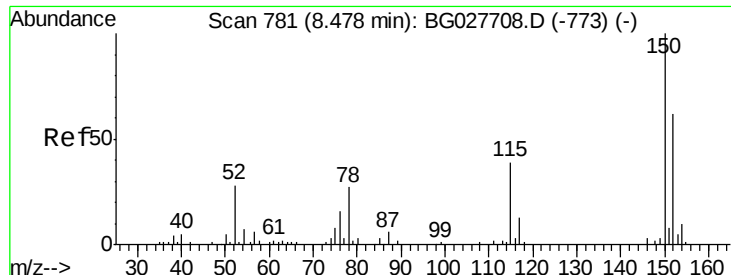
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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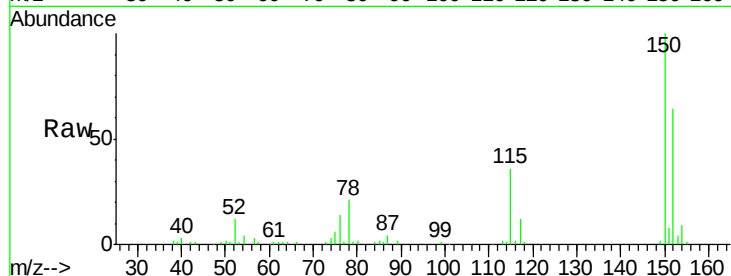


#1

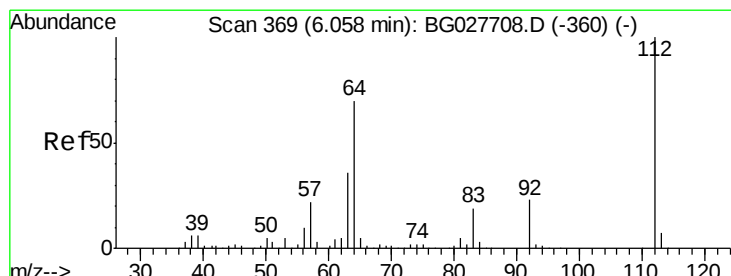
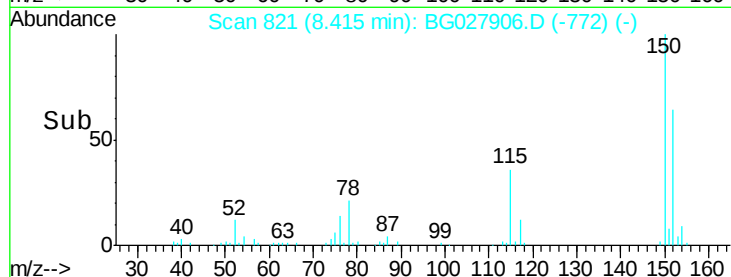
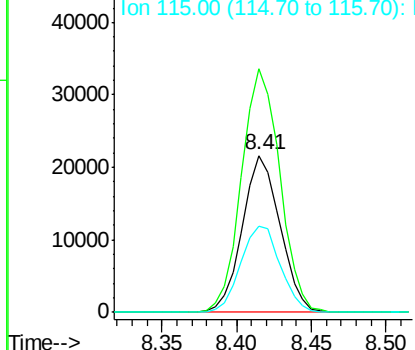
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.41 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228

Tgt Ion:152 Resp: 37860
 Ion Ratio Lower Upper
 152 100
 150 155.1 114.0 171.0
 115 55.3 48.1 72.1



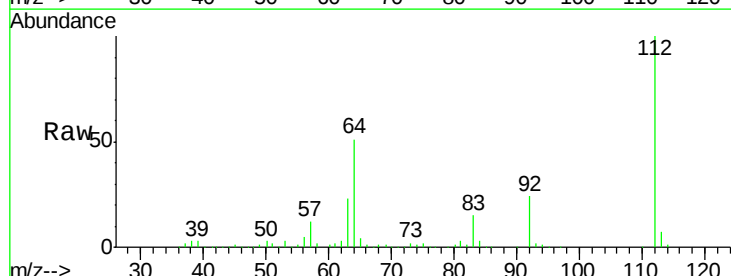
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



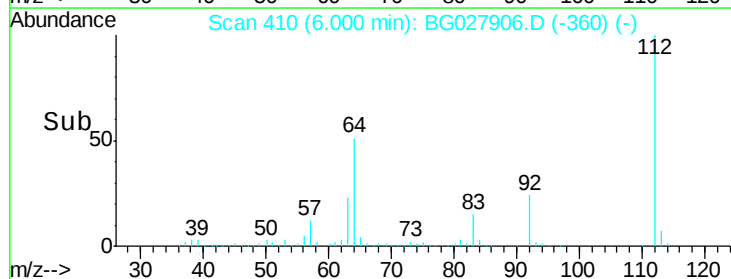
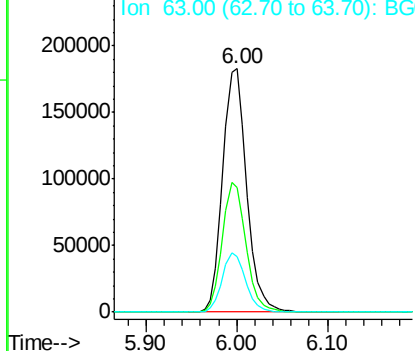
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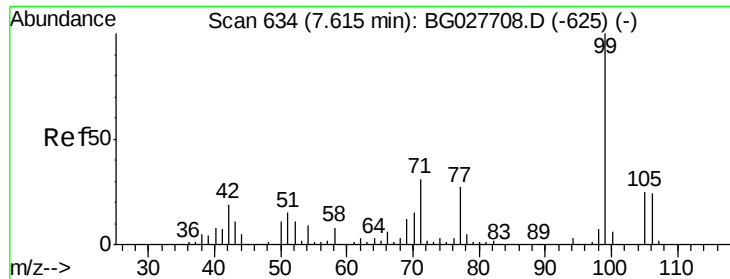
2-Fluorophenol
 Concen: 136.754 ng
 RT: 6.00 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

Tgt Ion:112 Resp: 336222
 Ion Ratio Lower Upper
 112 100
 64 51.3 61.8 92.6#
 63 22.9 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: 111.507 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Instrument :

BNA_G

ClientSampleId :

VNJ-228

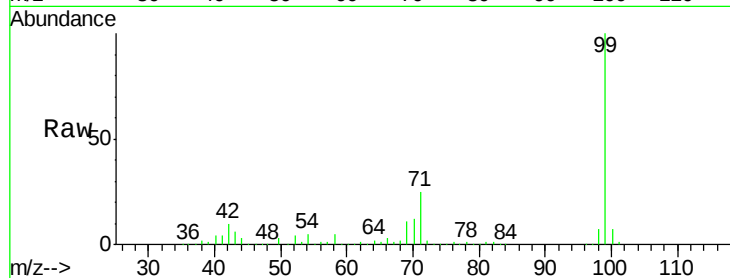
Tgt Ion: 99 Resp: 418817

Ion Ratio Lower Upper

99 100

42 10.1 20.5 30.7#

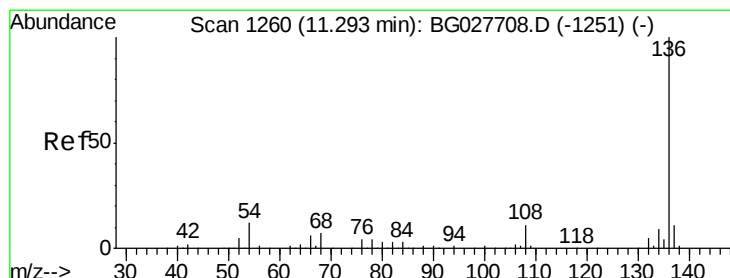
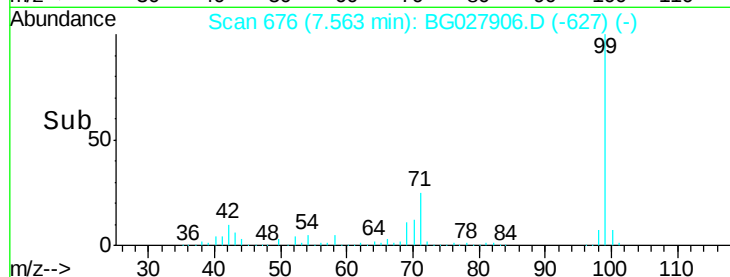
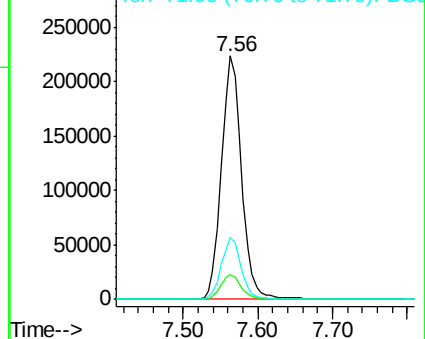
71 25.3 37.6 56.4#



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: 20.000 ng

RT: 11.24 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Tgt Ion: 136 Resp: 165540

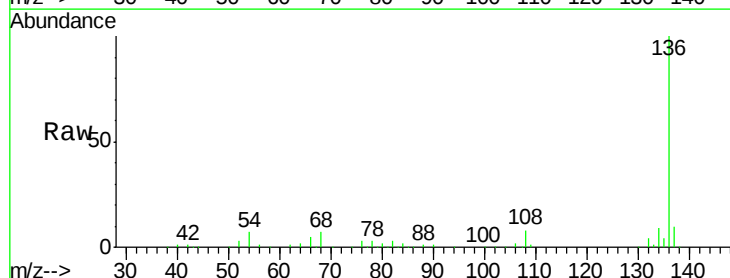
Ion Ratio Lower Upper

136 100

137 9.8 8.9 13.3

54 6.8 9.3 13.9#

68 7.4 5.1 7.7

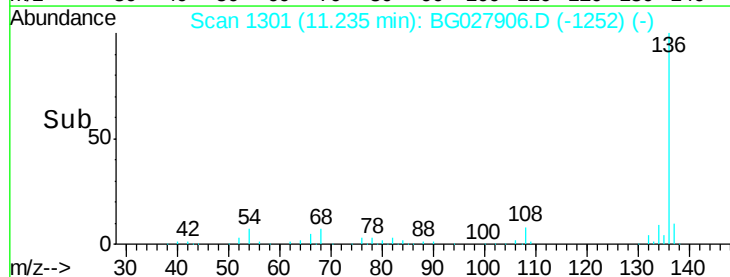
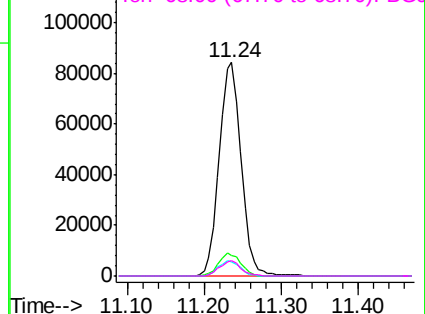


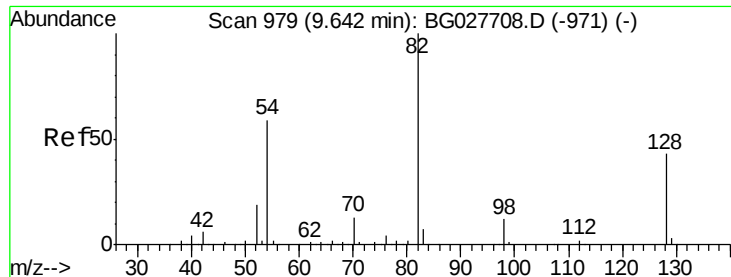
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

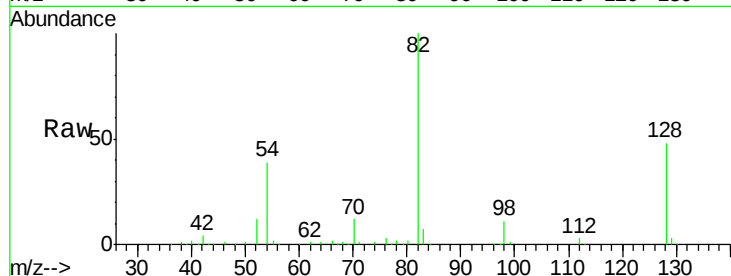




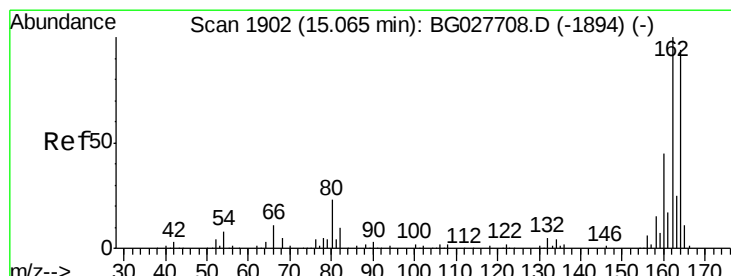
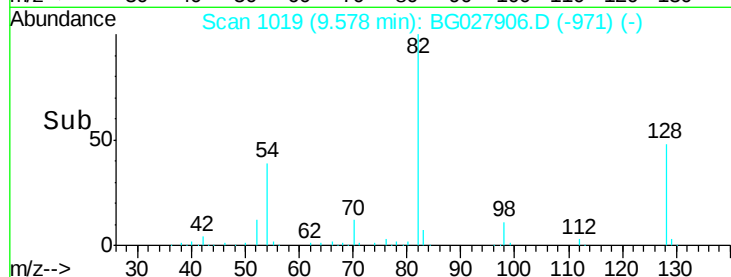
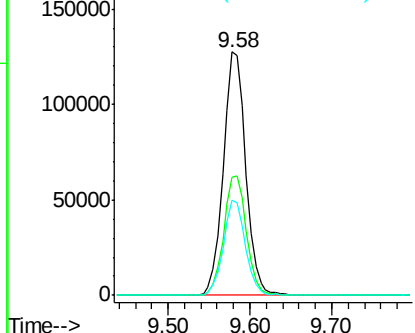
#23
Nitrobenzene-d5
Concen: 82.182 ng
RT: 9.58 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG027906.D
Acq: 11 Jul 2017 3:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228

Tgt Ion: 82 Resp: 244066
Ion Ratio Lower Upper
82 100
128 48.4 26.4 39.6#
54 39.0 49.4 74.2#

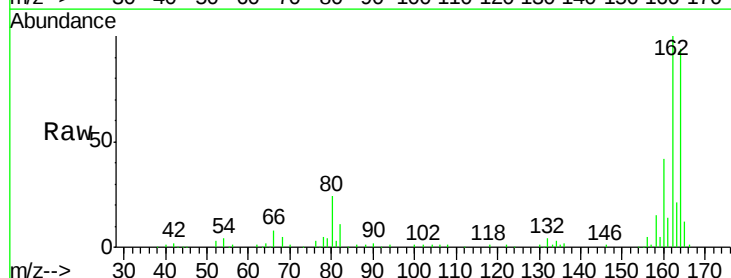


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

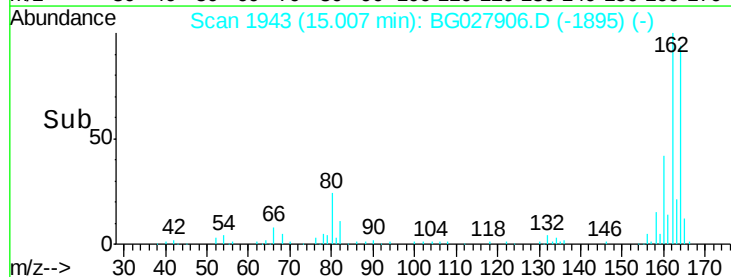
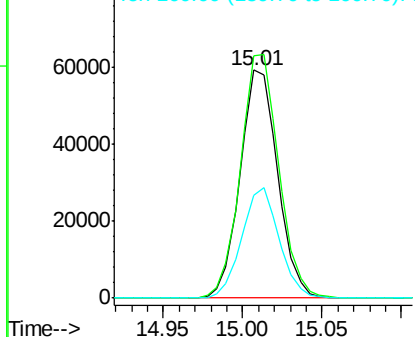


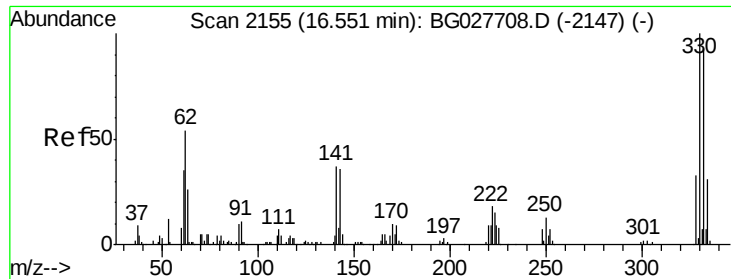
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.01 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BG027906.D
Acq: 11 Jul 2017 3:22

Tgt Ion: 164 Resp: 97447
Ion Ratio Lower Upper
164 100
162 106.5 85.1 127.7
160 45.2 34.7 52.1



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

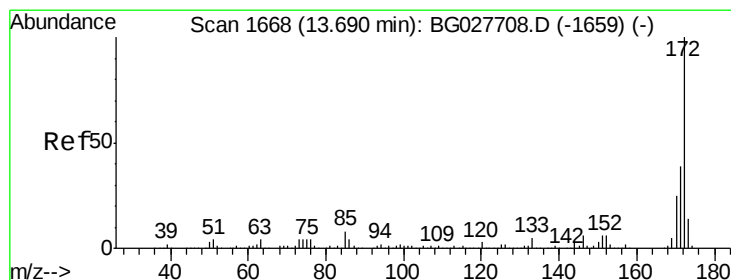
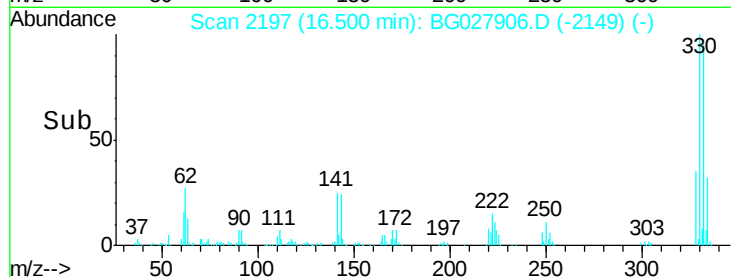
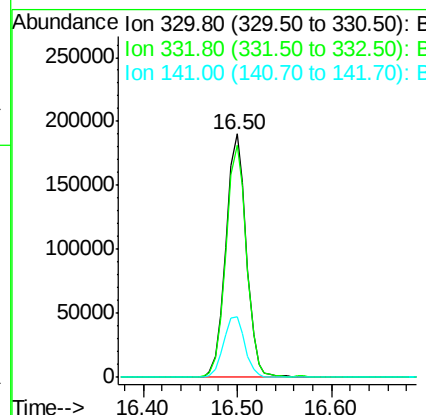
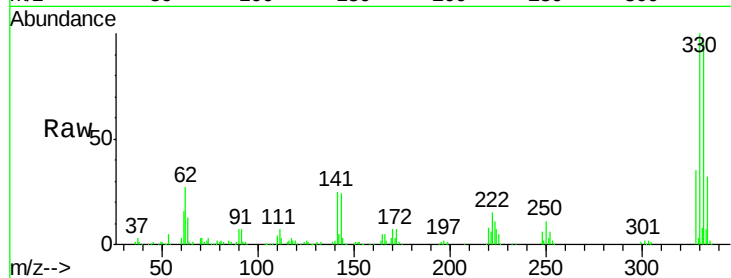




#41
 2,4,6-Tribromophenol
 Concen: 217.037 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

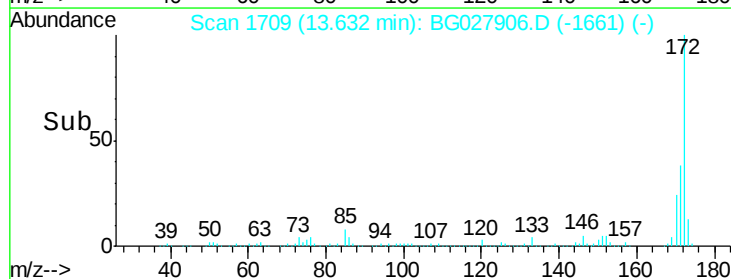
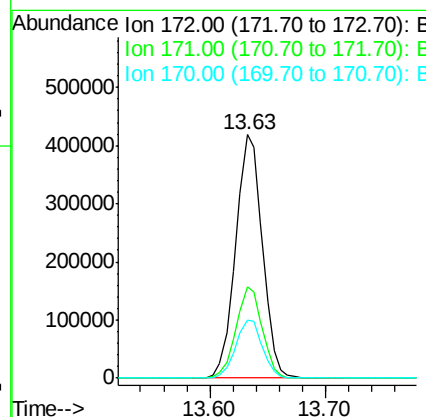
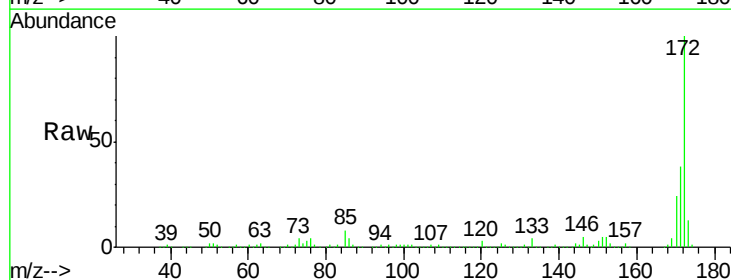
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228

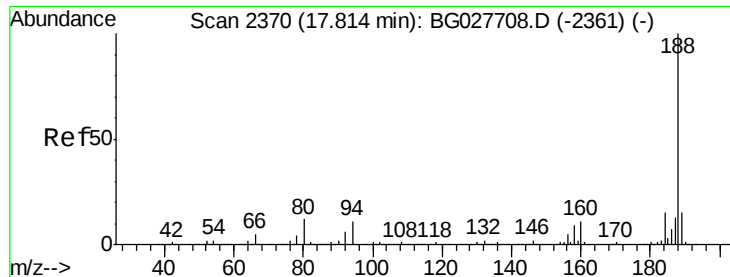
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	26.4	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 97.951 ng
 RT: 13.63 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	23.8	21.8	32.6

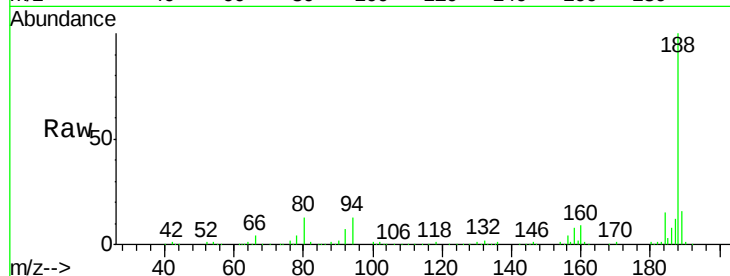




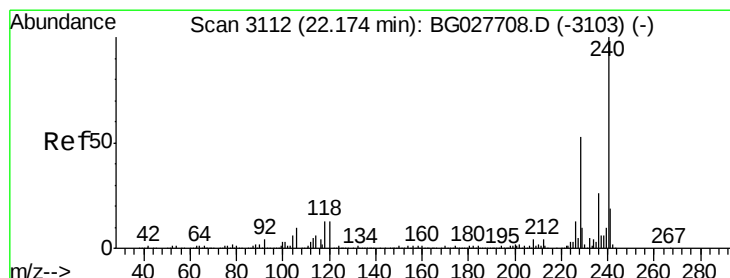
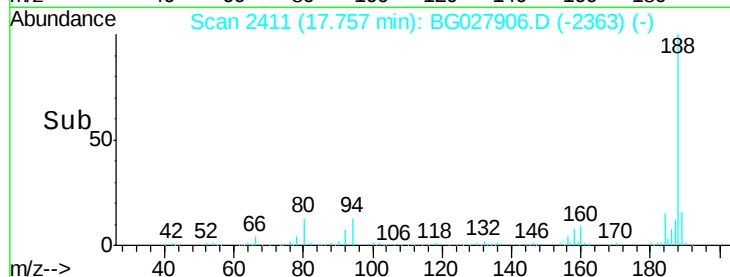
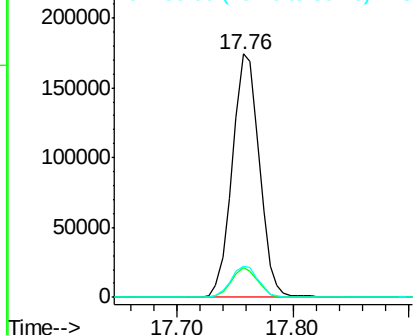
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2411
Delta R.T. -0.02 min
Lab File: BG027906.D
Acq: 11 Jul 2017 3:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228

Tgt Ion:188 Resp: 284327
Ion Ratio Lower Upper
188 100
94 12.5 5.8 8.8#
80 12.6 7.5 11.3#

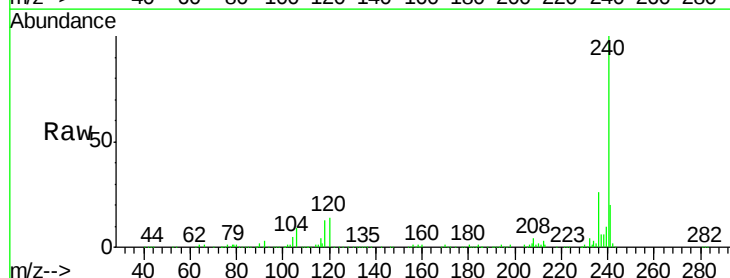


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

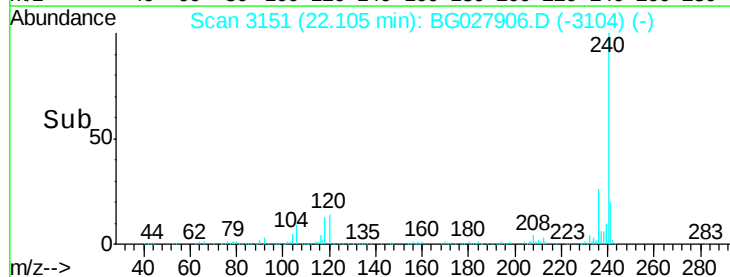
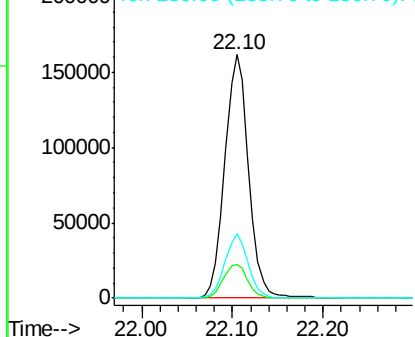


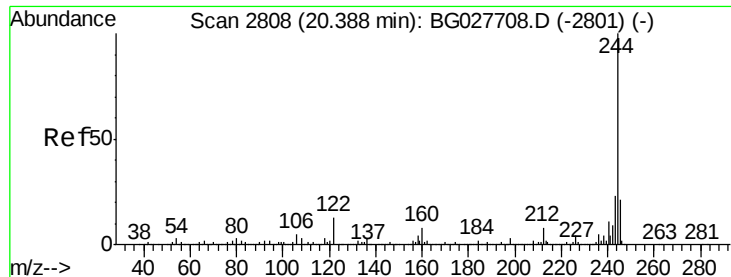
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG027906.D
Acq: 11 Jul 2017 3:22

Tgt Ion:240 Resp: 294983
Ion Ratio Lower Upper
240 100
120 14.0 5.7 8.5#
236 26.4 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: 122.994 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Instrument :

BNA_G

ClientSampled :

VNJ-228

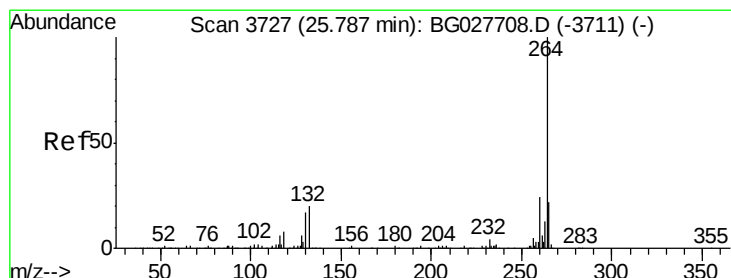
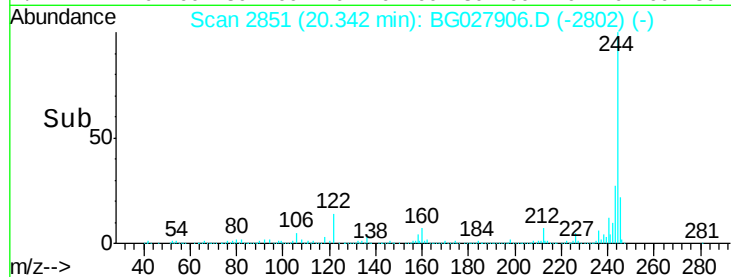
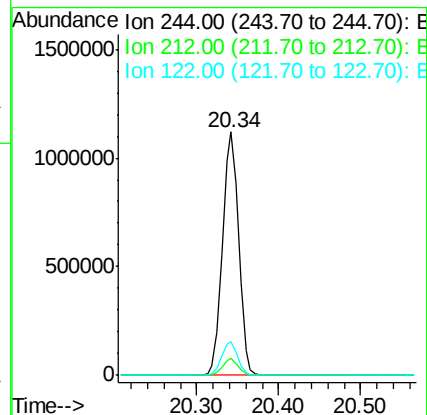
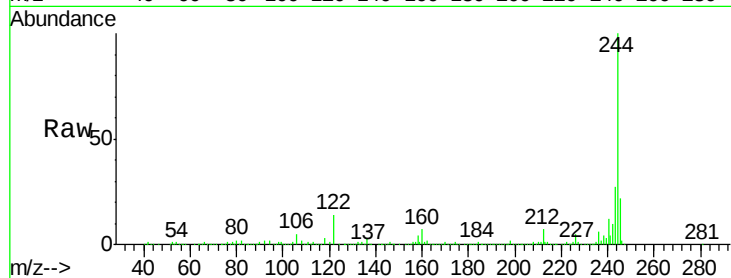
Tgt Ion:244 Resp: 1547589

Ion Ratio Lower Upper

244 100

212 7.0 10.0 15.0#

122 13.8 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.67 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Tgt Ion:264 Resp: 286834

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 22.0 18.2 27.4

