

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040441.D
 Acq On : 11 Apr 2019 14:48
 Operator : JU/SJ
 Sample : K2346-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229

Quant Time: Apr 12 04:01:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

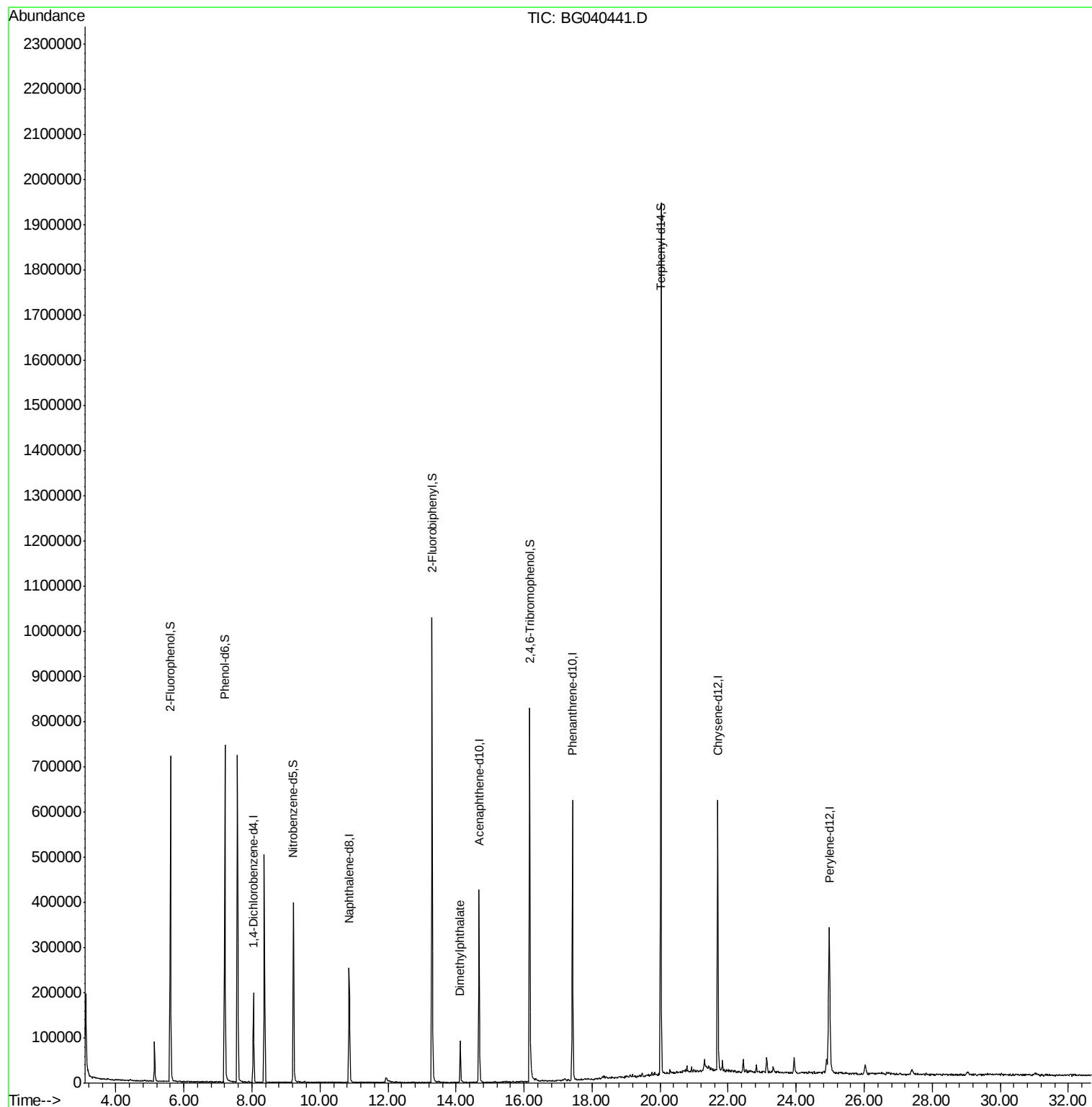
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58868	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234833	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	149442	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	391536	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	382558	20.00	ng	-0.04
87) Perylene-d12	24.97	264	381753	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	321395	90.76	ng	-0.02
7) Phenol-d6	7.20	99	454373	92.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	264587	59.89	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	168051	104.05	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	573592	56.87	ng	-0.03
79) Terphenyl-d14	20.02	244	925848	54.44	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	68292	5.839	ng	Qvalue 98

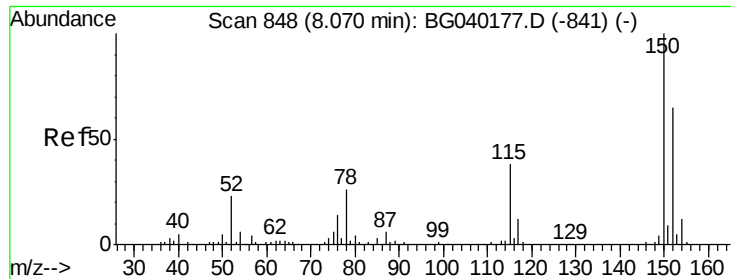
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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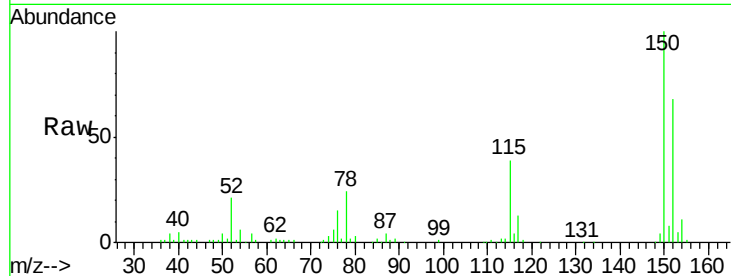


#1

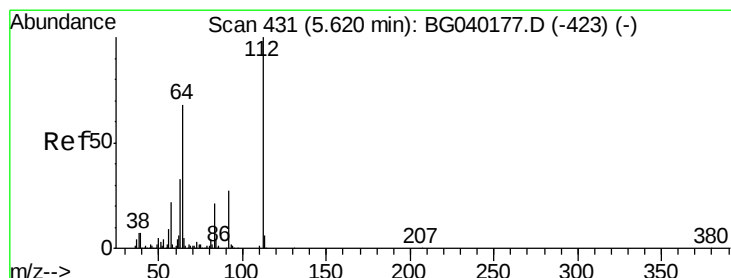
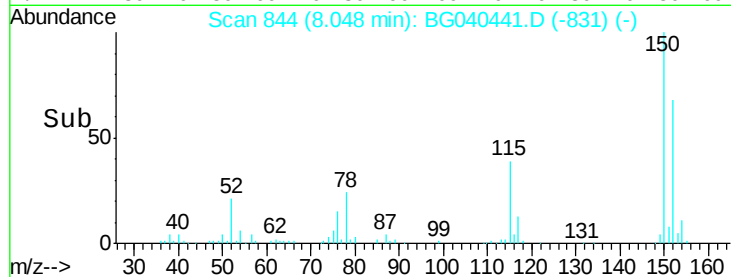
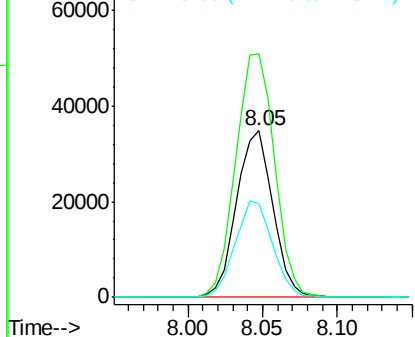
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Instrument :
BNA_G
ClientSampleId :
VNJ-229

Tgt Ion:152 Resp: 58868
Ion Ratio Lower Upper
152 100
150 146.0 123.7 185.5
115 56.5 46.9 70.3



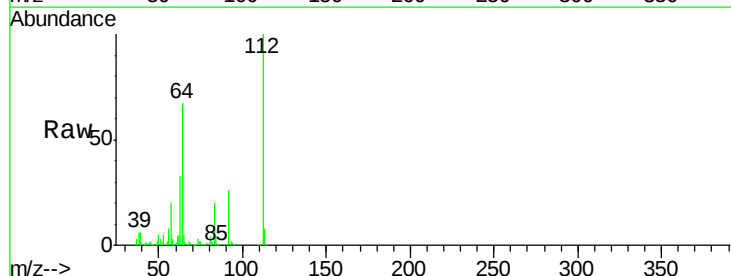
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



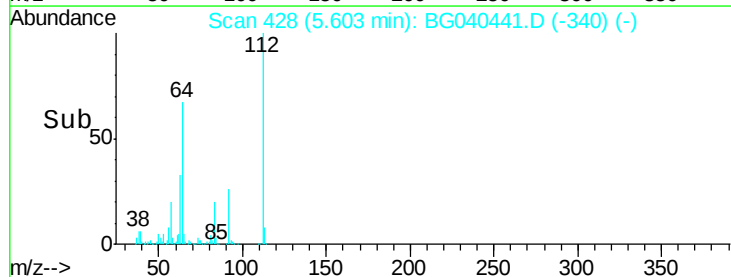
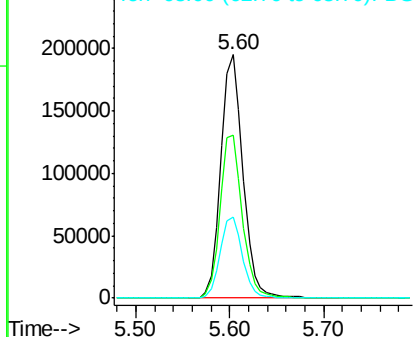
#5

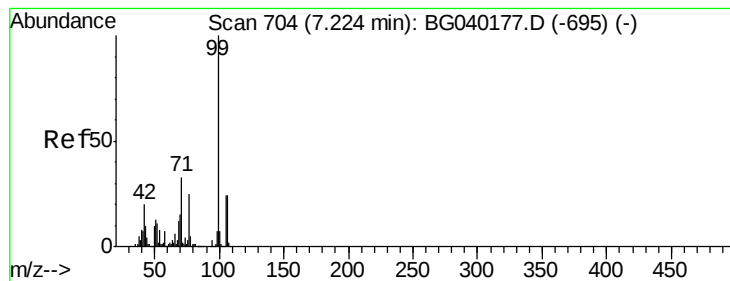
2-Fluorophenol
Concen: 90.761 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Tgt Ion:112 Resp: 321395
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 33.3 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 92.845 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Instrument :

BNA_G

ClientSampleId :

VNJ-229

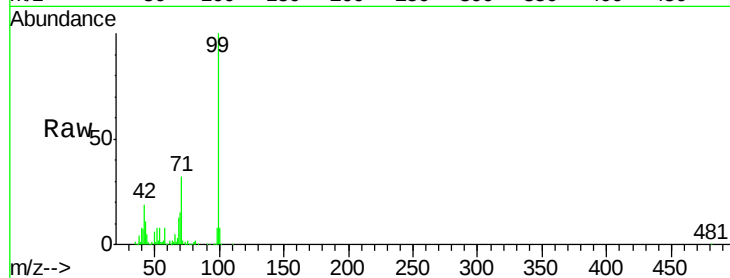
Tgt Ion: 99 Resp: 454373

Ion Ratio Lower Upper

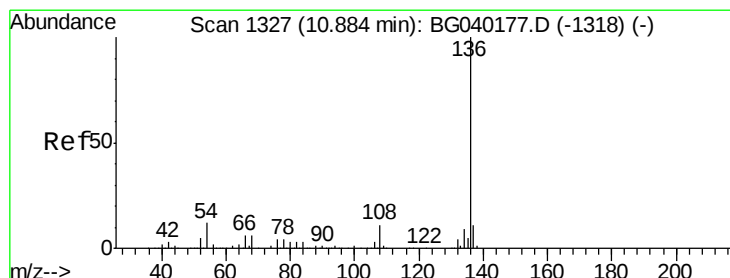
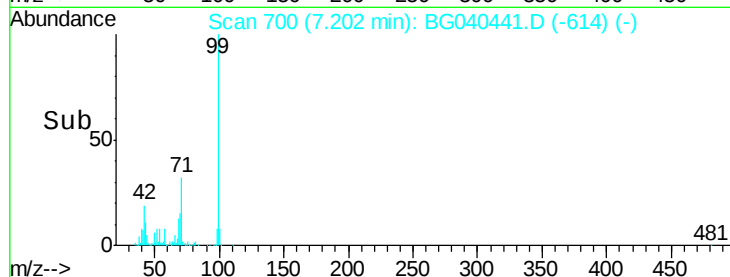
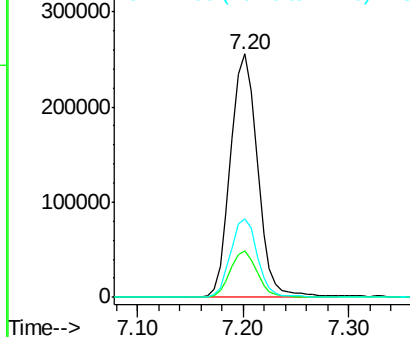
99 100

42 19.2 16.2 24.2

71 32.5 26.8 40.2



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: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Tgt Ion: 136 Resp: 234833

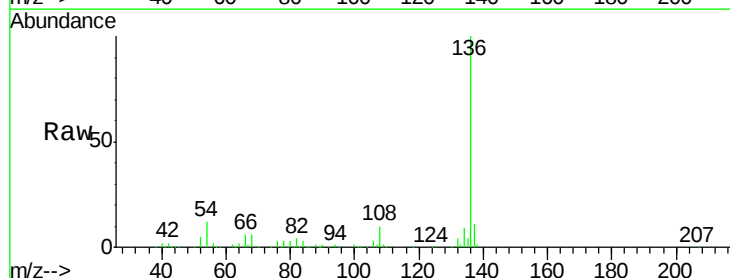
Ion Ratio Lower Upper

136 100

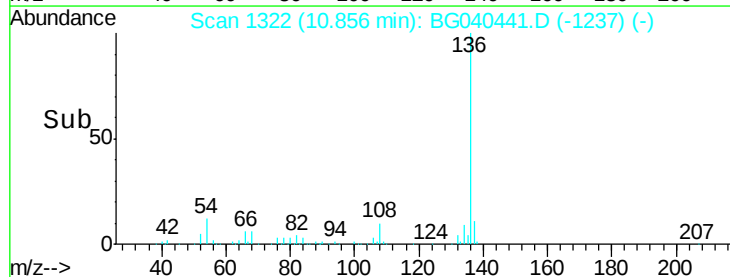
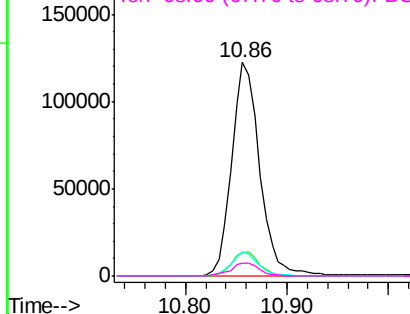
137 10.8 8.9 13.3

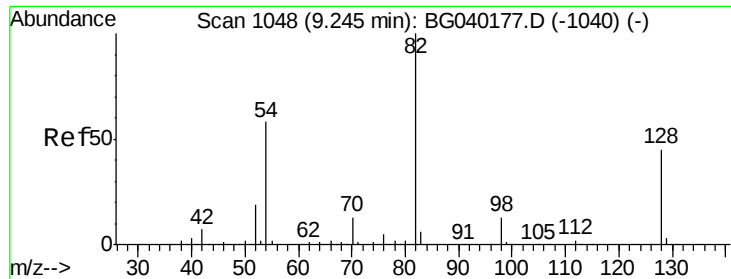
54 11.6 9.6 14.4

68 6.0 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

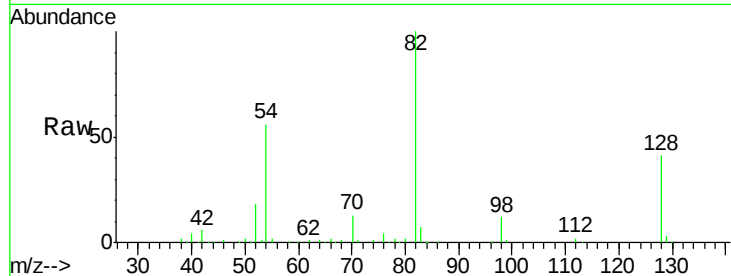




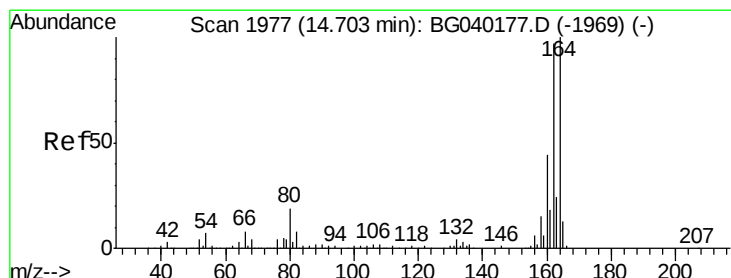
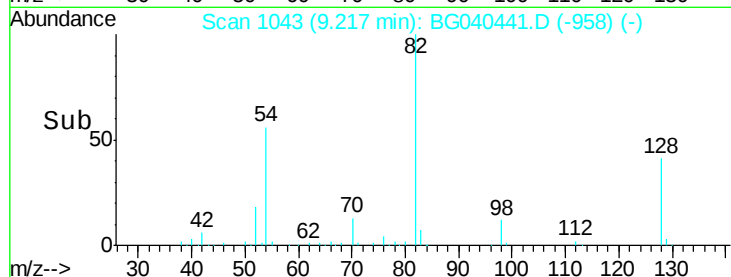
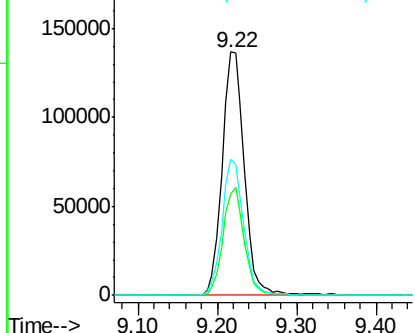
#23
Nitrobenzene-d5
Concen: 59.888 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Instrument :
BNA_G
ClientSampleId :
VNJ-229

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.8	53.8
54	55.7	46.2	69.2

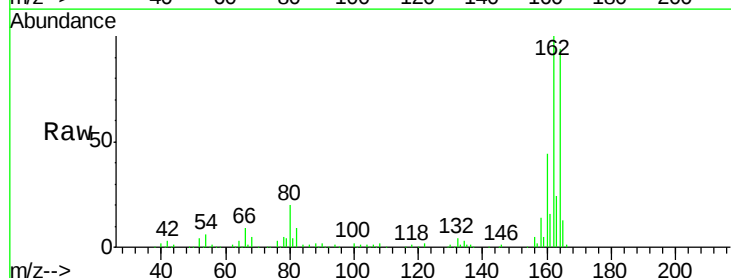


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

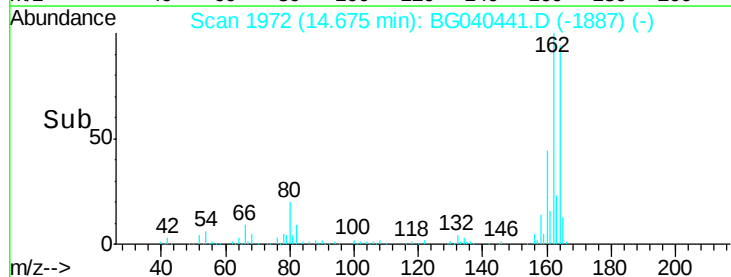
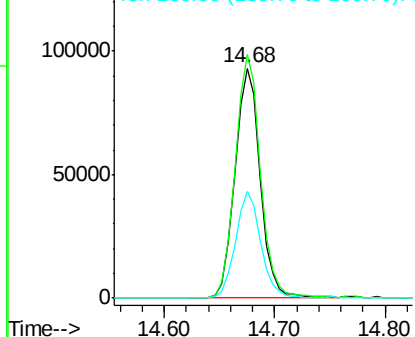


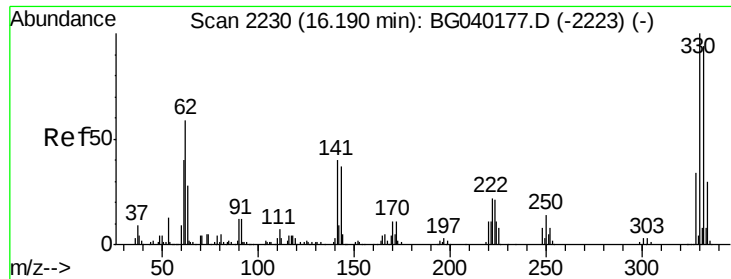
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	77.4	116.2
160	46.2	35.3	52.9



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

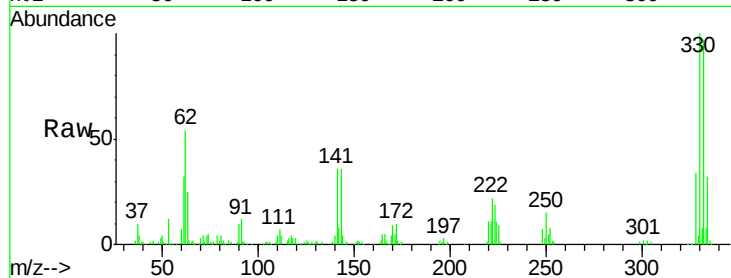




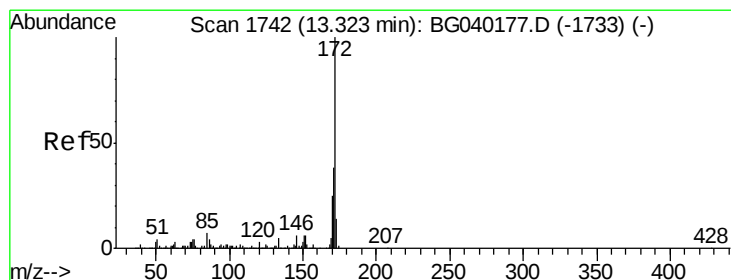
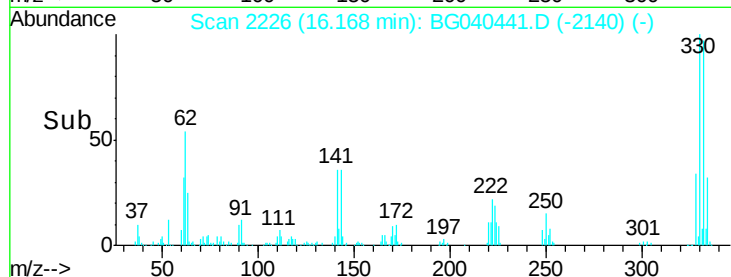
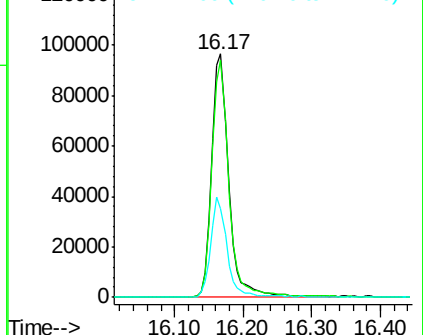
#42
 2,4,6-Tribromophenol
 Concen: 104.051 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040441.D
 Acq: 11 Apr 2019 14:48

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229

Tgt Ion:330 Resp: 168051
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 39.0 32.6 48.8

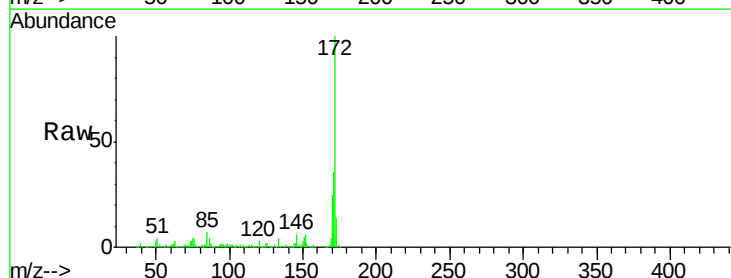


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

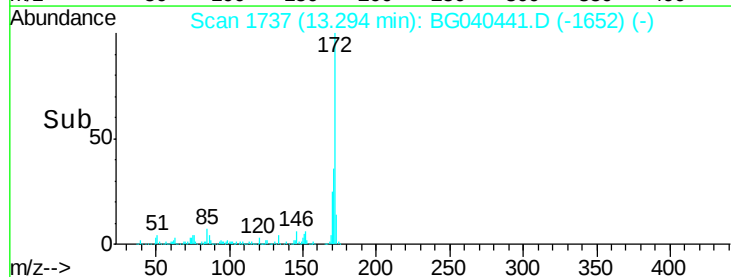
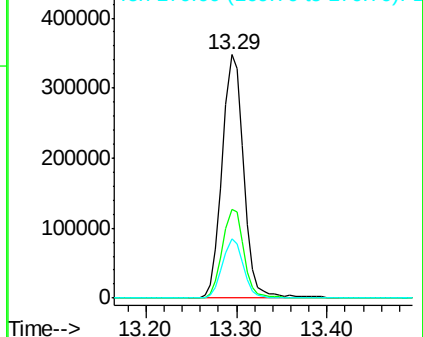


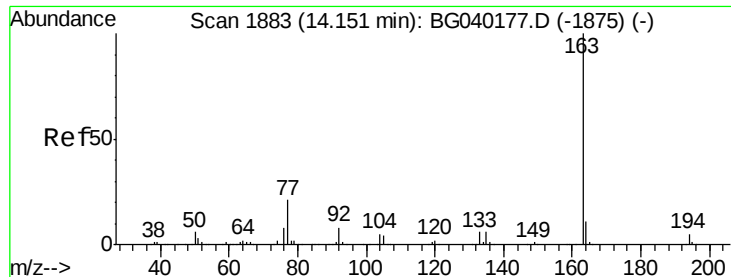
#45
 2-Fluorobiphenyl
 Concen: 56.873 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040441.D
 Acq: 11 Apr 2019 14:48

Tgt Ion:172 Resp: 573592
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.5 45.7
 170 24.6 20.1 30.1



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





#50

Dimethylphthalate

Concen: 5.839 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Instrument :

BNA_G

ClientSampled :

VNJ-229

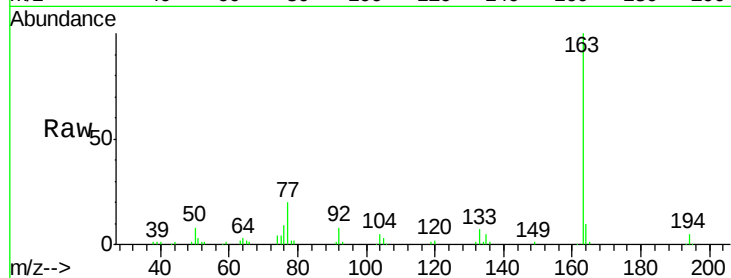
Tgt Ion:163 Resp: 68292

Ion Ratio Lower Upper

163 100

194 4.7 4.1 6.1

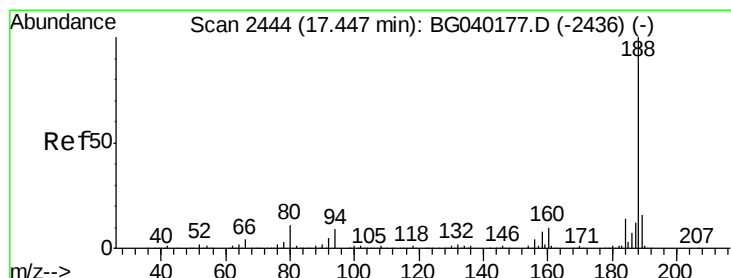
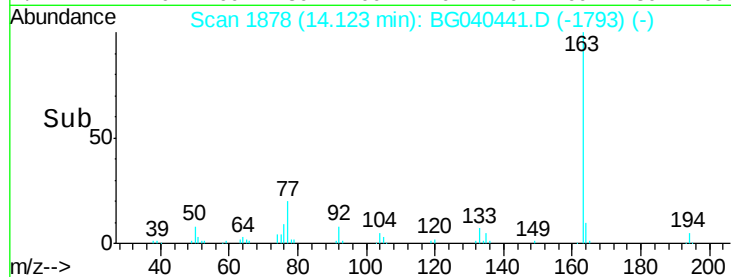
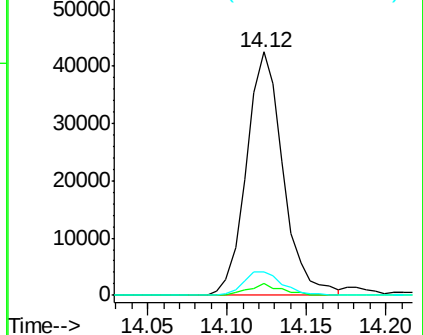
164 9.8 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

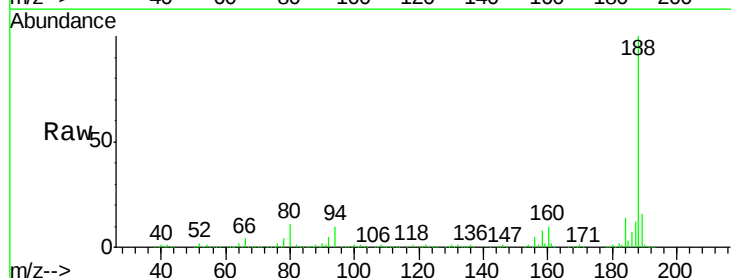
Tgt Ion:188 Resp: 391536

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

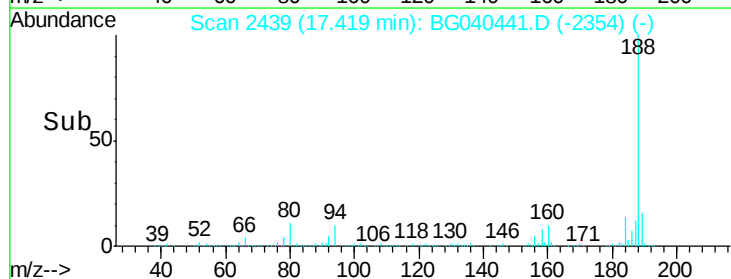
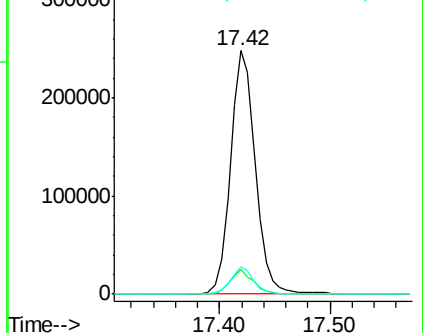
80 11.4 8.6 13.0

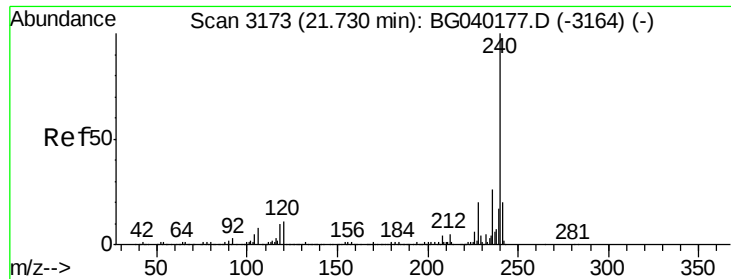


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

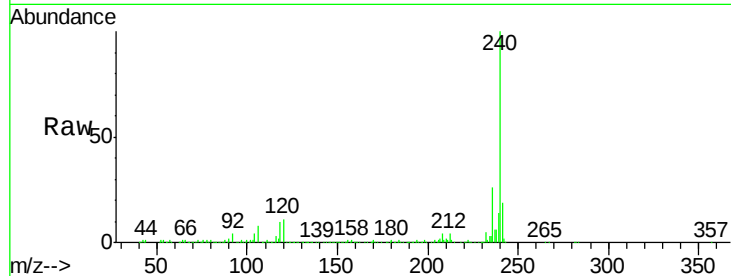




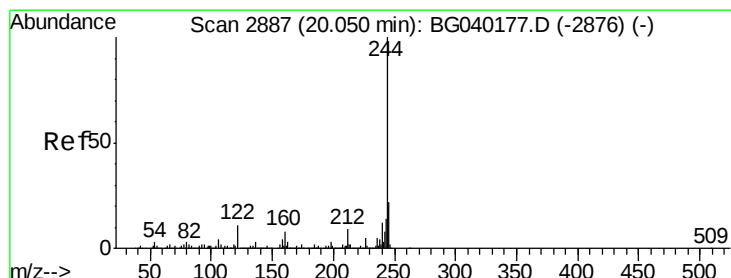
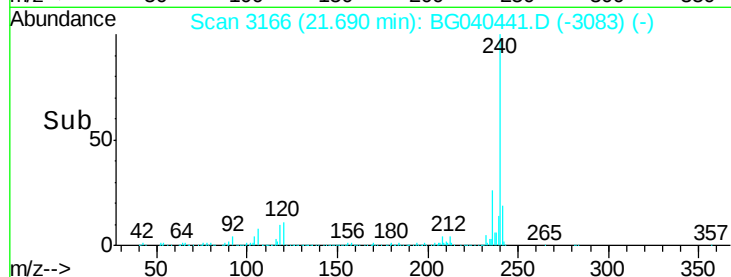
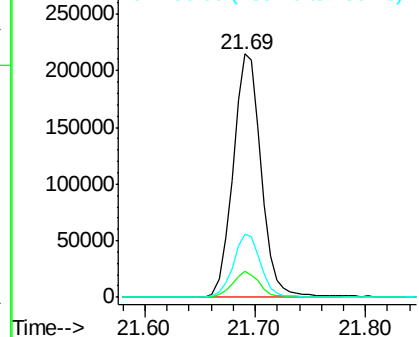
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Instrument :
BNA_G
ClientSampleId :
VNJ-229

Tgt Ion:240 Resp: 382558
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.7 20.8 31.2

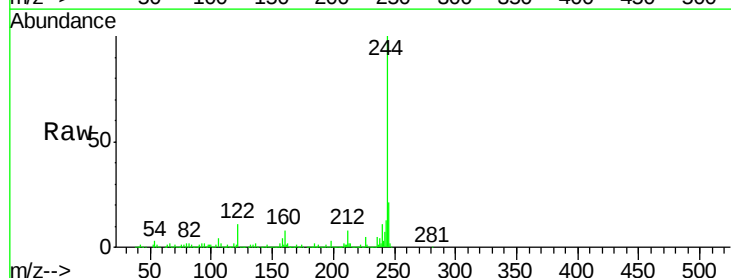


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

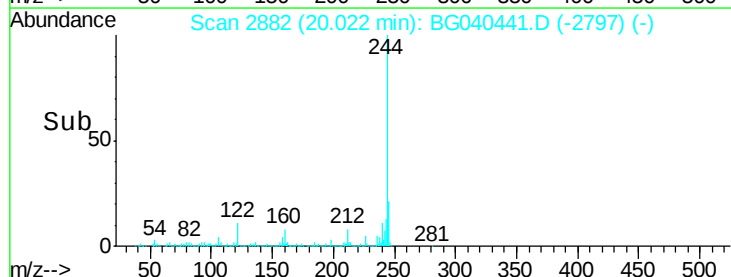
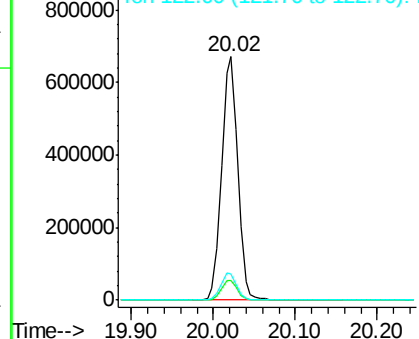


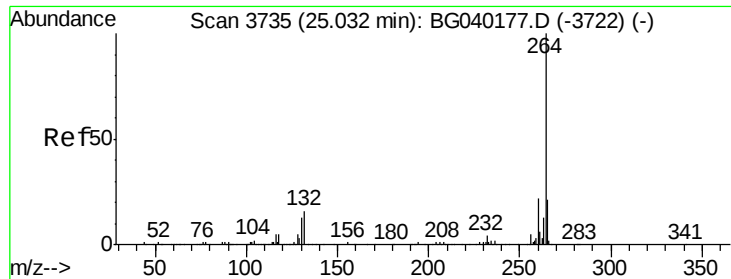
#79
Terphenyl-d14
Concen: 54.445 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Tgt Ion:244 Resp: 925848
Ion Ratio Lower Upper
244 100
212 8.1 7.0 10.6
122 10.8 8.5 12.7



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Instrument :
BNA_G
ClientSampleId :
VNJ-229

Tgt Ion: 264 Resp: 381753
Ion Ratio Lower Upper
264 100
260 21.6 17.9 26.9
265 21.4 16.8 25.2

