

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032174.D
 Acq On : 20 Jan 2018 7:00
 Operator : SJ/JU
 Sample : J1171-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-232

Quant Time: Jan 22 00:09:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

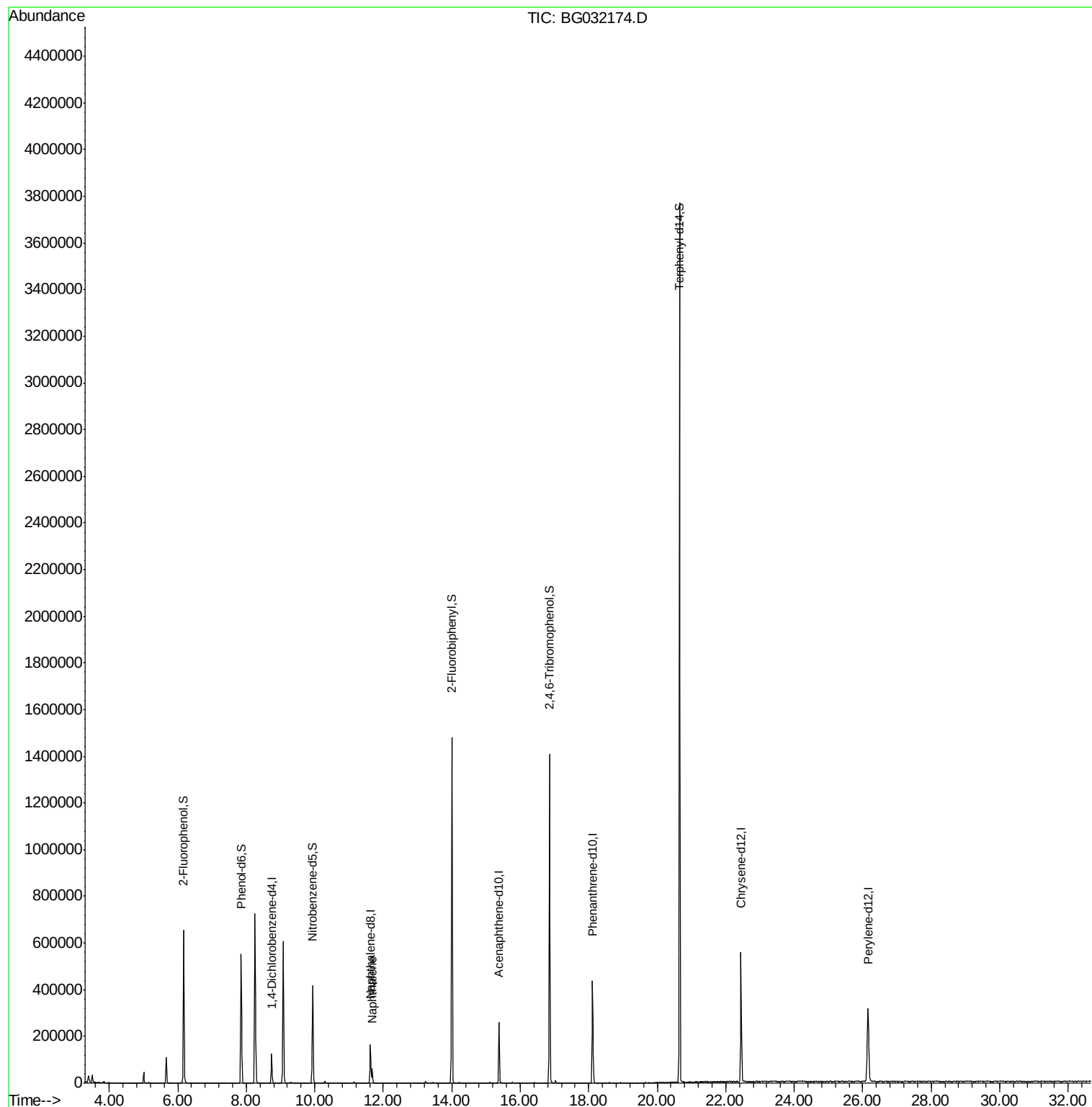
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	42320	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	159434	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	101997	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	302070	20.00	ng	0.00
75) Chrysene-d12	22.45	240	425202	20.00	ng	0.00
86) Perylene-d12	26.15	264	432887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	321292	138.85	ng	0.00
7) Phenol-d6	7.85	99	353434	121.28	ng	0.00
23) Nitrobenzene-d5	9.94	82	259556	110.14	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	308378	182.71	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	871007	105.89	ng	0.00
78) Terphenyl-d14	20.65	244	1965942	102.09	ng	0.00
Target Compounds						
31) Naphthalene	11.68	128	57887	7.329	ng	Qvalue 98

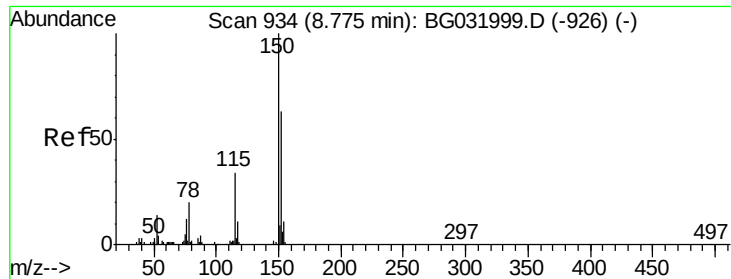
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032174.D
Acq On : 20 Jan 2018 7:00
Operator : SJ/JU
Sample : J1171-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-232

Quant Time: Jan 22 00:09:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration



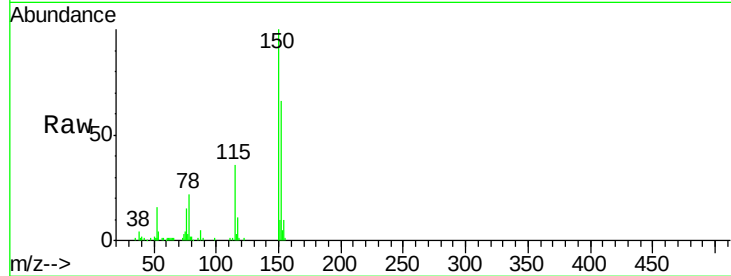


#1

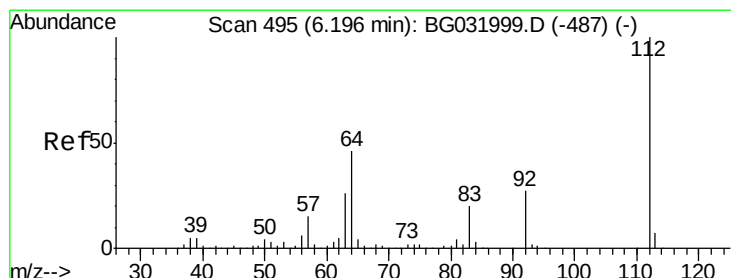
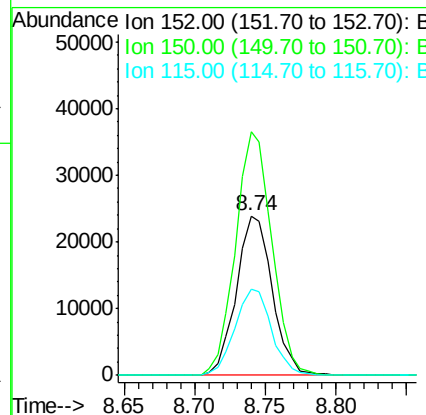
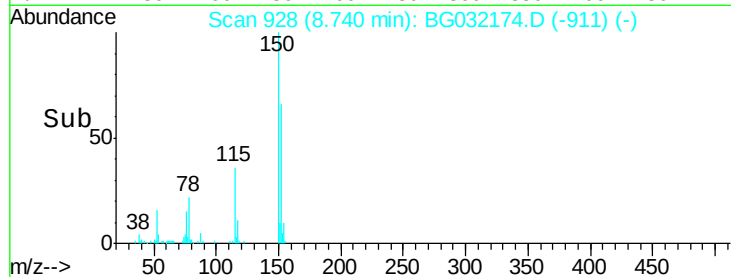
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :
VNJ-232

Tot Ion:152 Resp: 42320
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 54.3 53.0 79.4



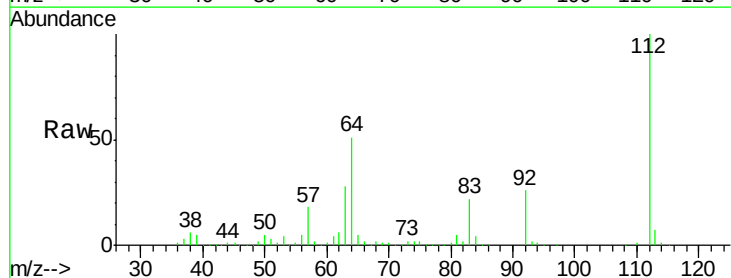
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



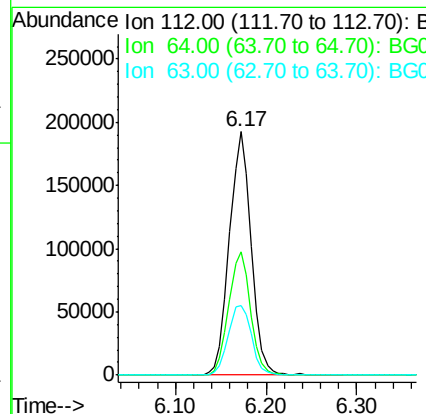
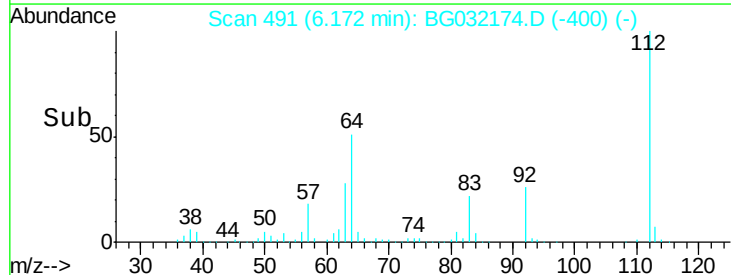
#5

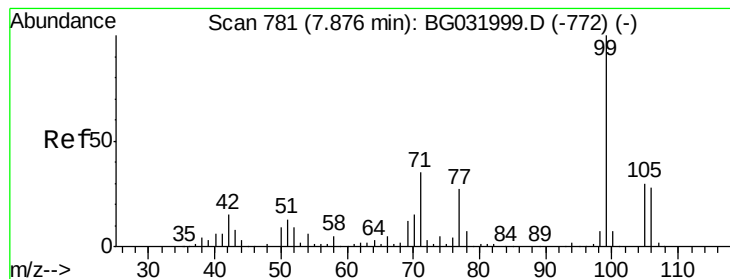
2-Fluorophenol
Concen: 138.852 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:112 Resp: 321292
Ion Ratio Lower Upper
112 100
64 50.9 56.3 84.5#
63 28.4 30.1 45.1#



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: 121.279 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032174.D

Acq: 20 Jan 2018 7:00

Instrument :

BNA_G

ClientSampled :

VNJ-232

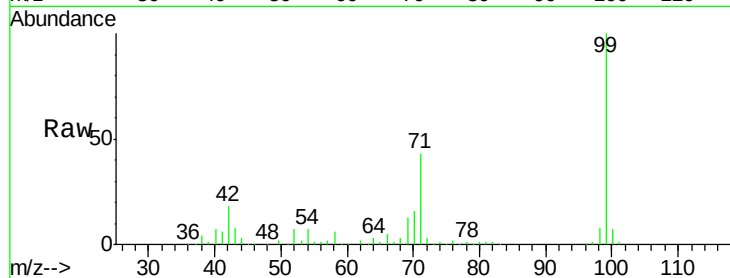
Tot Ion: 99 Resp: 353434

Ion Ratio Lower Upper

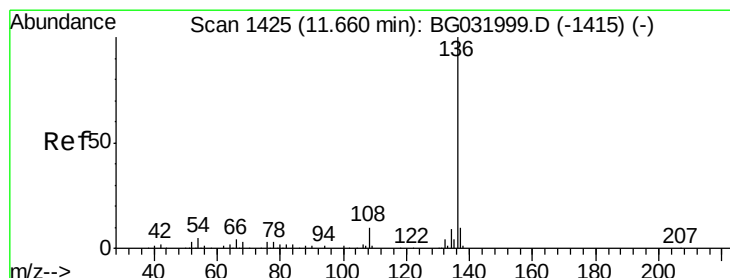
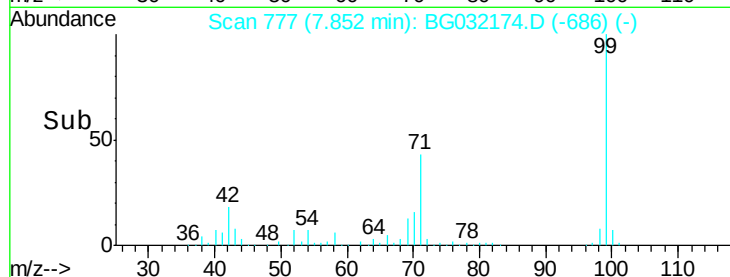
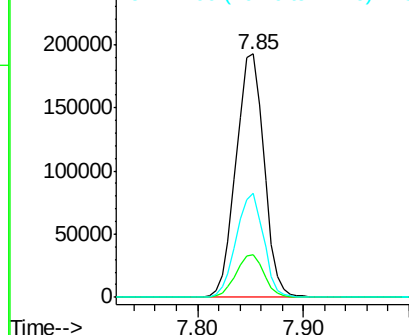
99 100

42 17.5 14.1 21.1

71 42.6 26.1 39.1#



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: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032174.D

Acq: 20 Jan 2018 7:00

Tgt Ion: 136 Resp: 159434

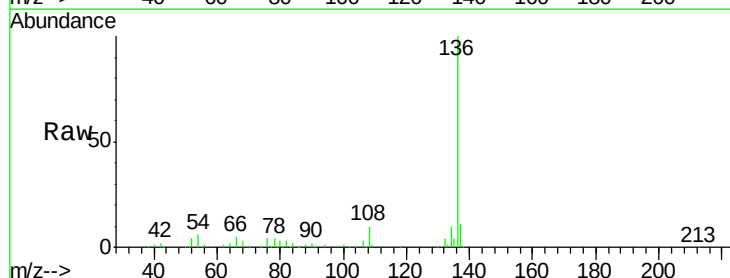
Ion Ratio Lower Upper

136 100

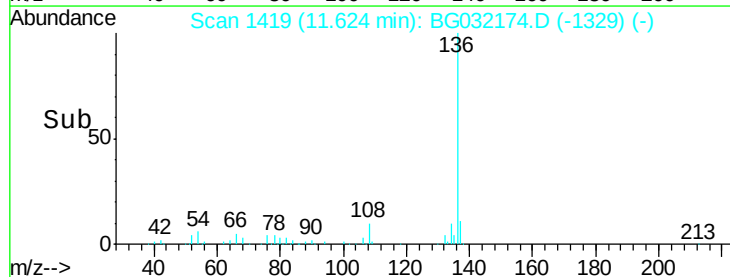
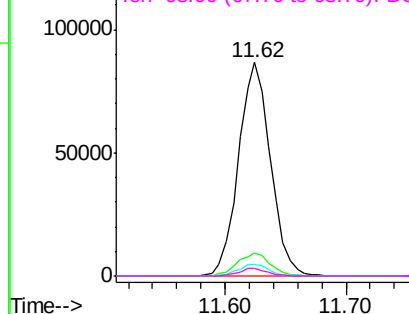
137 11.0 9.2 13.8

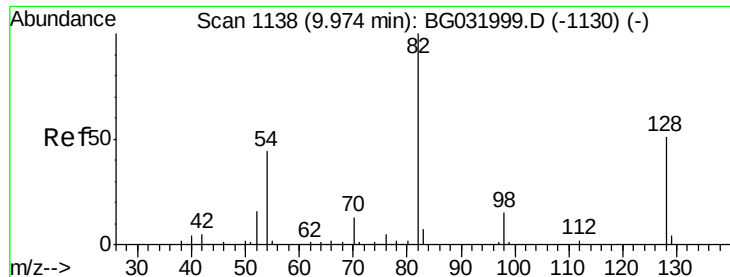
54 5.5 10.3 15.5#

68 3.4 4.5 6.7#



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

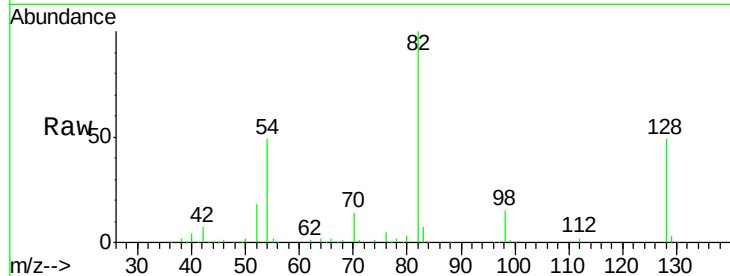




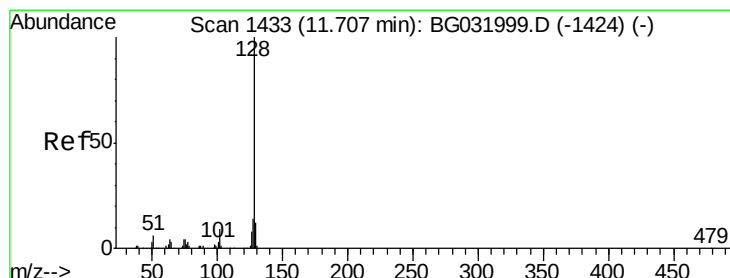
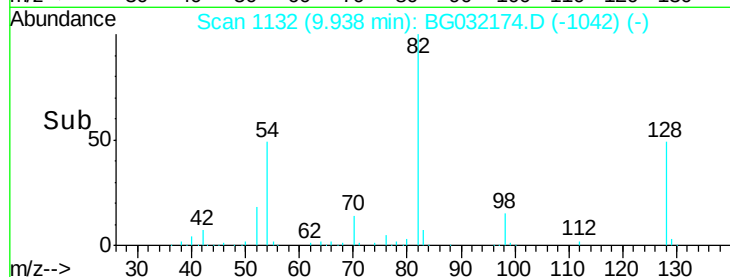
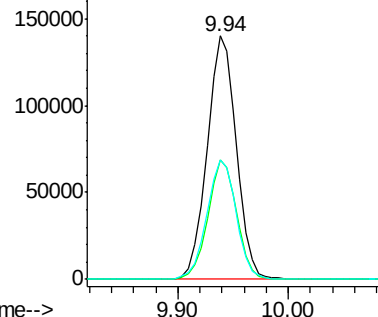
#23
Nitrobenzene-d5
Concen: 110.140 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :
VNJ-232

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	29.7	44.5#
54	48.9	43.1	64.7

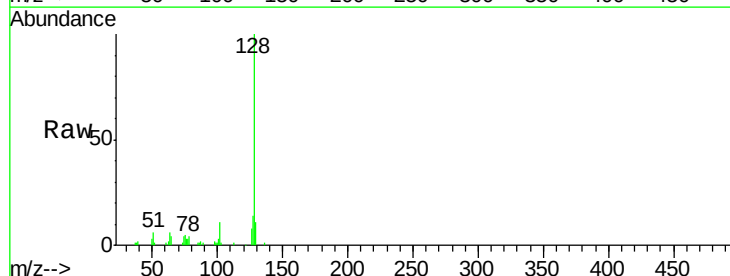


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

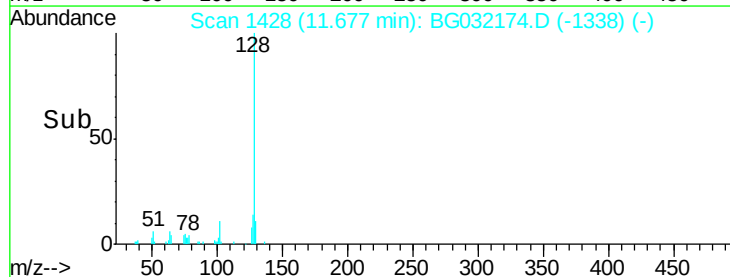
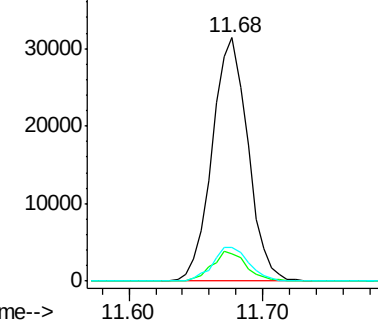


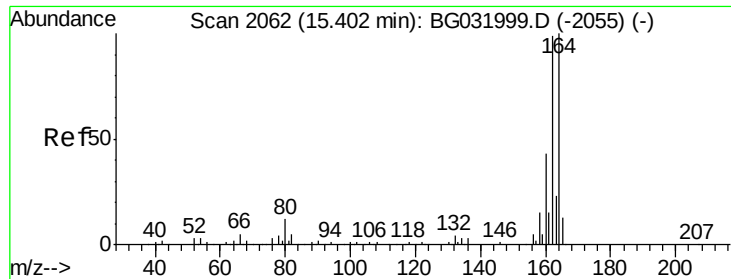
#31
Naphthalene
Concen: 7.329 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.8	11.6	17.4



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: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032174.D

Acq: 20 Jan 2018 7:00

Instrument :

BNA_G

ClientSampleId :

VNJ-232

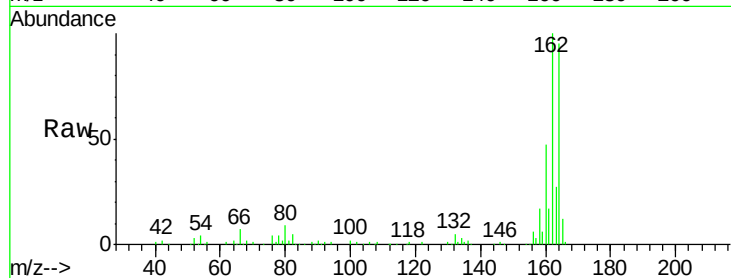
Tot Ion:164 Resp: 101997

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

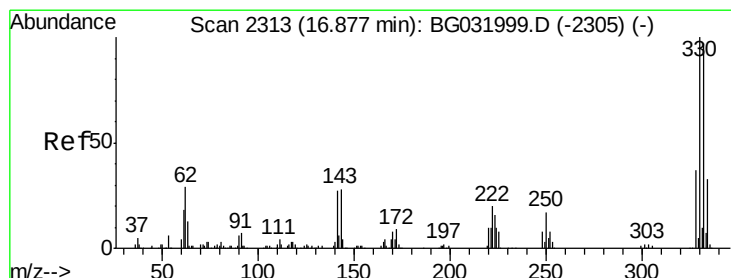
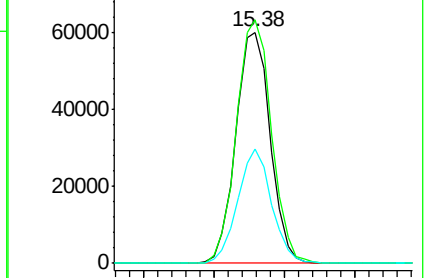
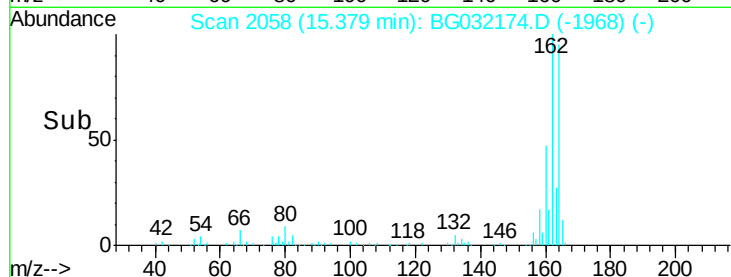
160 49.7 35.4 53.0



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: 182.709 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032174.D

Acq: 20 Jan 2018 7:00

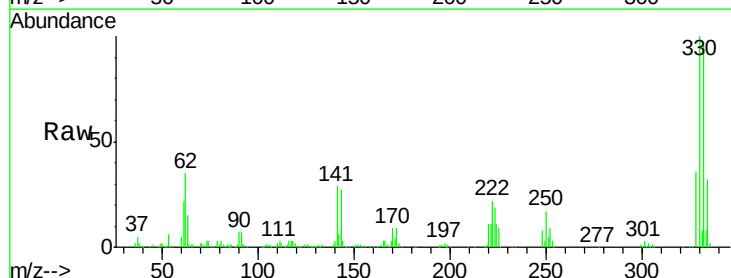
Tgt Ion:330 Resp: 308378

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

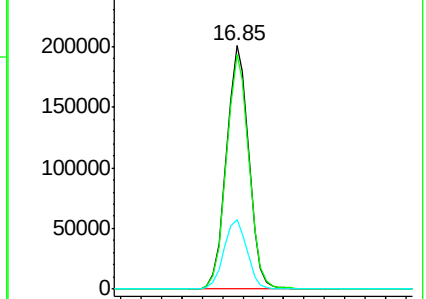
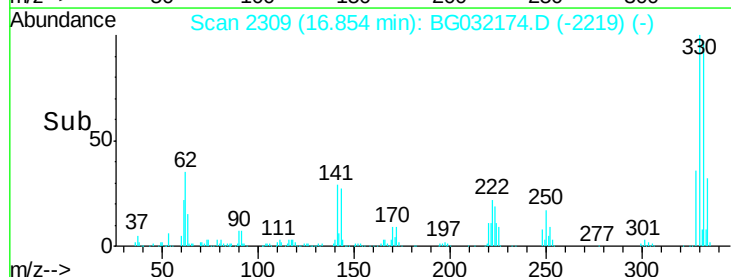
141 29.3 25.2 37.8

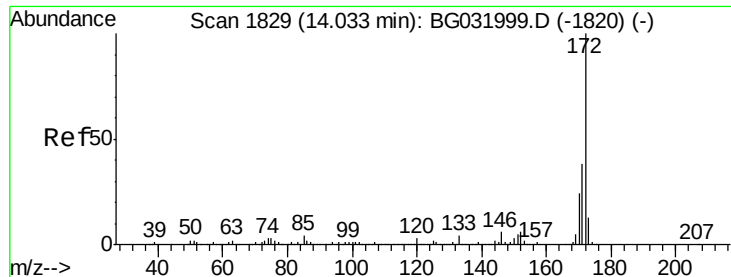


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



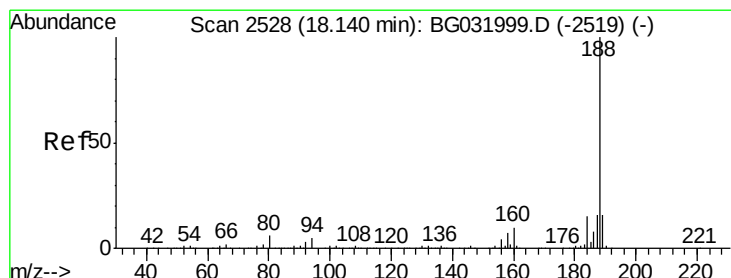
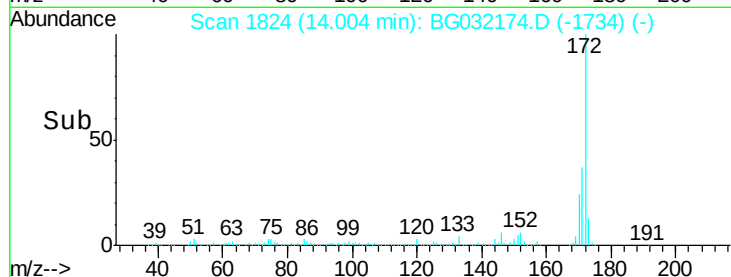
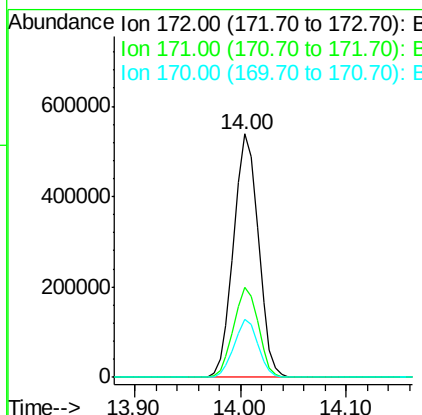
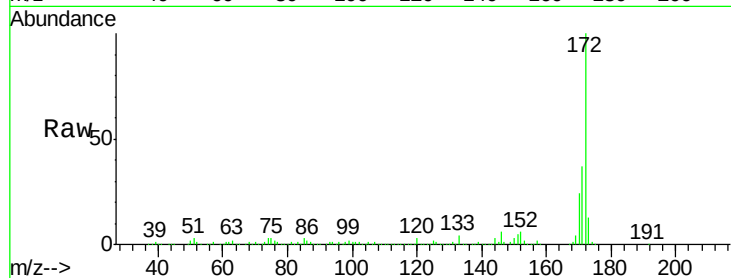


#44
 2-Fluorobiphenyl
 Concen: 105.886 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032174.D
 Acq: 20 Jan 2018 7:00

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-232

Tot Ion:172 Resp: 871007

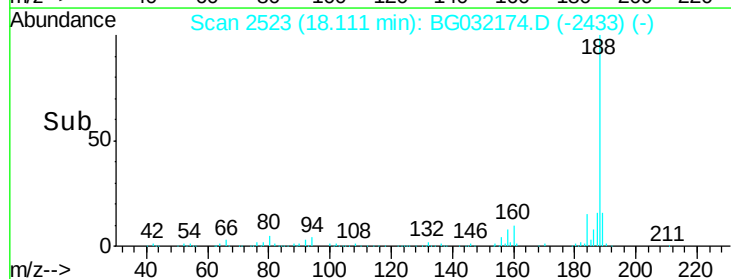
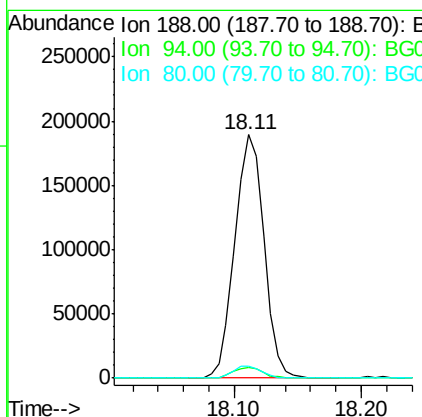
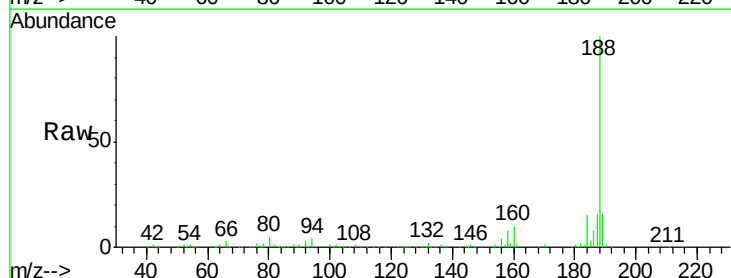
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.8	19.5	29.3

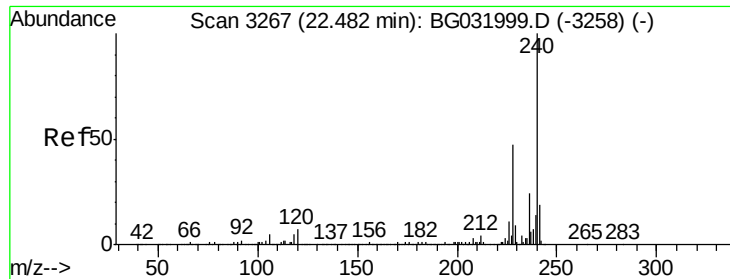


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032174.D
 Acq: 20 Jan 2018 7:00

Tgt Ion:188 Resp: 302070

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.7	7.7	11.5#

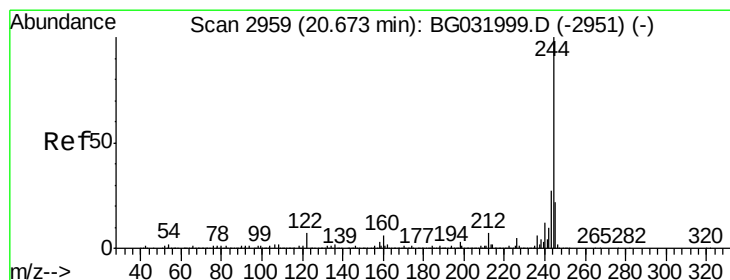
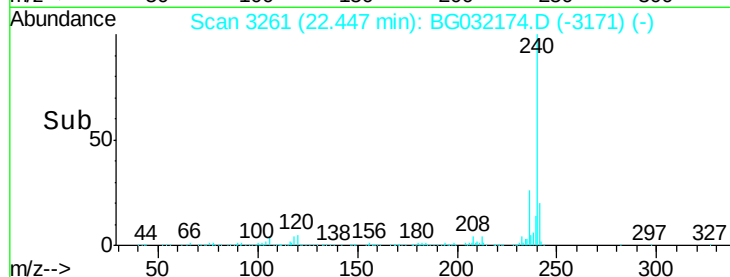
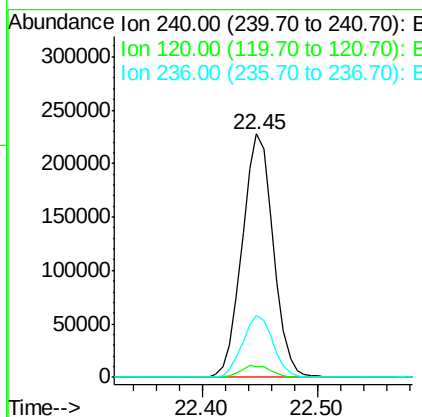
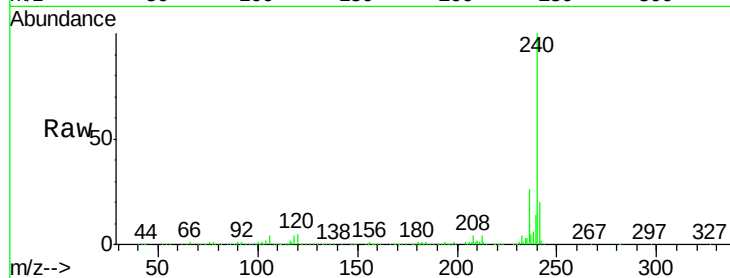




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.00 min
 Lab File: BG032174.D
 Acq: 20 Jan 2018 7:00

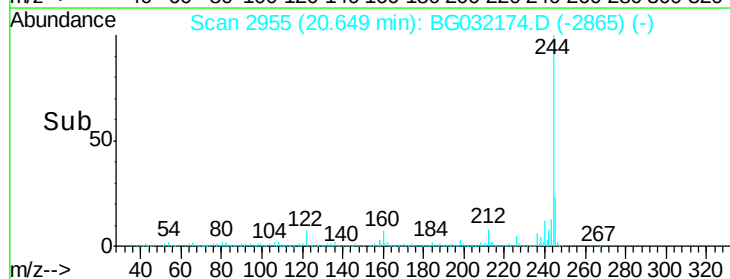
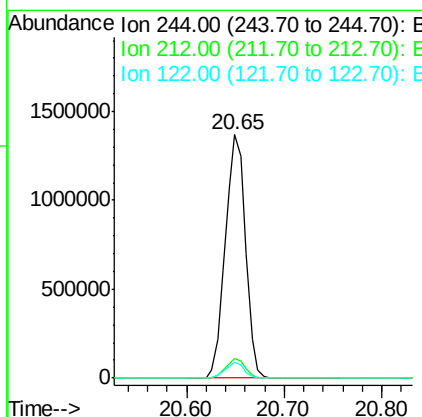
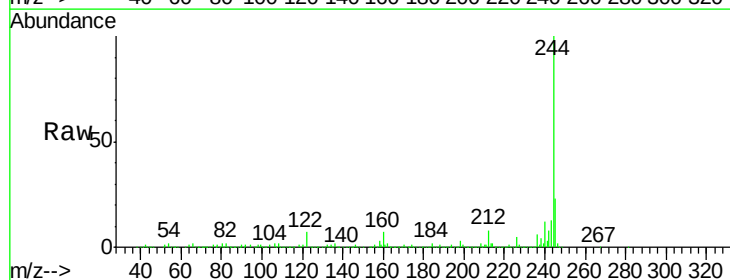
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-232

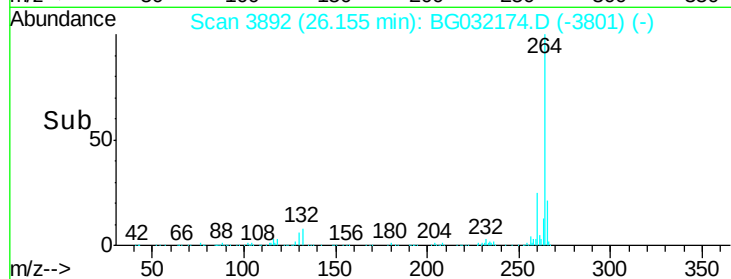
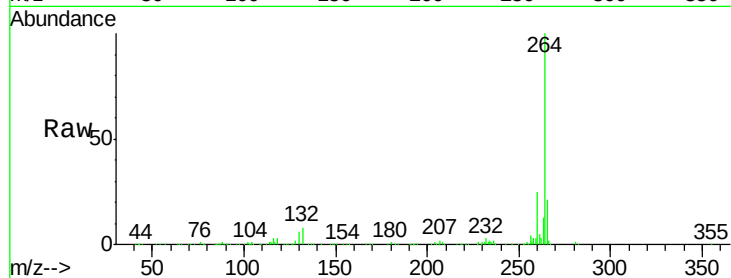
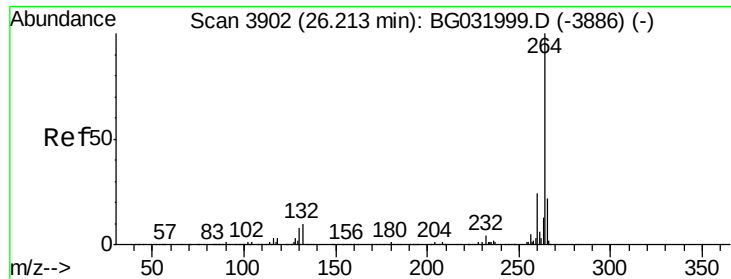
Tot Ion:240 Resp: 425202
 Ion Ratio Lower Upper
 240 100
 120 4.6 6.8 10.2#
 236 25.6 20.9 31.3



#78
 Terphenyl-d14
 Concen: 102.090 ng
 RT: 20.65 min Scan# 2955
 Delta R.T. -0.00 min
 Lab File: BG032174.D
 Acq: 20 Jan 2018 7:00

Tgt Ion:244 Resp: 1965942
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 6.5 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3892

Delta R.T. 0.00 min

Lab File: BG032174.D

Acq: 20 Jan 2018 7:00

Instrument :

BNA_G

ClientSampleId :

VNJ-232

Tot Ion:264 Resp: 432887

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 20.9 17.7 26.5

