

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032637.D
 Acq On : 9 Feb 2018 18:57
 Operator : SJ/JU
 Sample : J1507-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-214

Quant Time: Feb 09 23:49:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	28305	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	120008	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	107921	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	347838	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	356338	20.00	ng	-0.02
86) Perylene-d12	26.06	264	370523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	190024	134.84	ng	-0.02
7) Phenol-d6	7.80	99	224730	119.51	ng	-0.02
23) Nitrobenzene-d5	9.88	82	180769	94.08	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	279655	136.13	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	683378	75.26	ng	-0.02
78) Terphenyl-d14	20.60	244	1531367	92.06	ng	-0.01

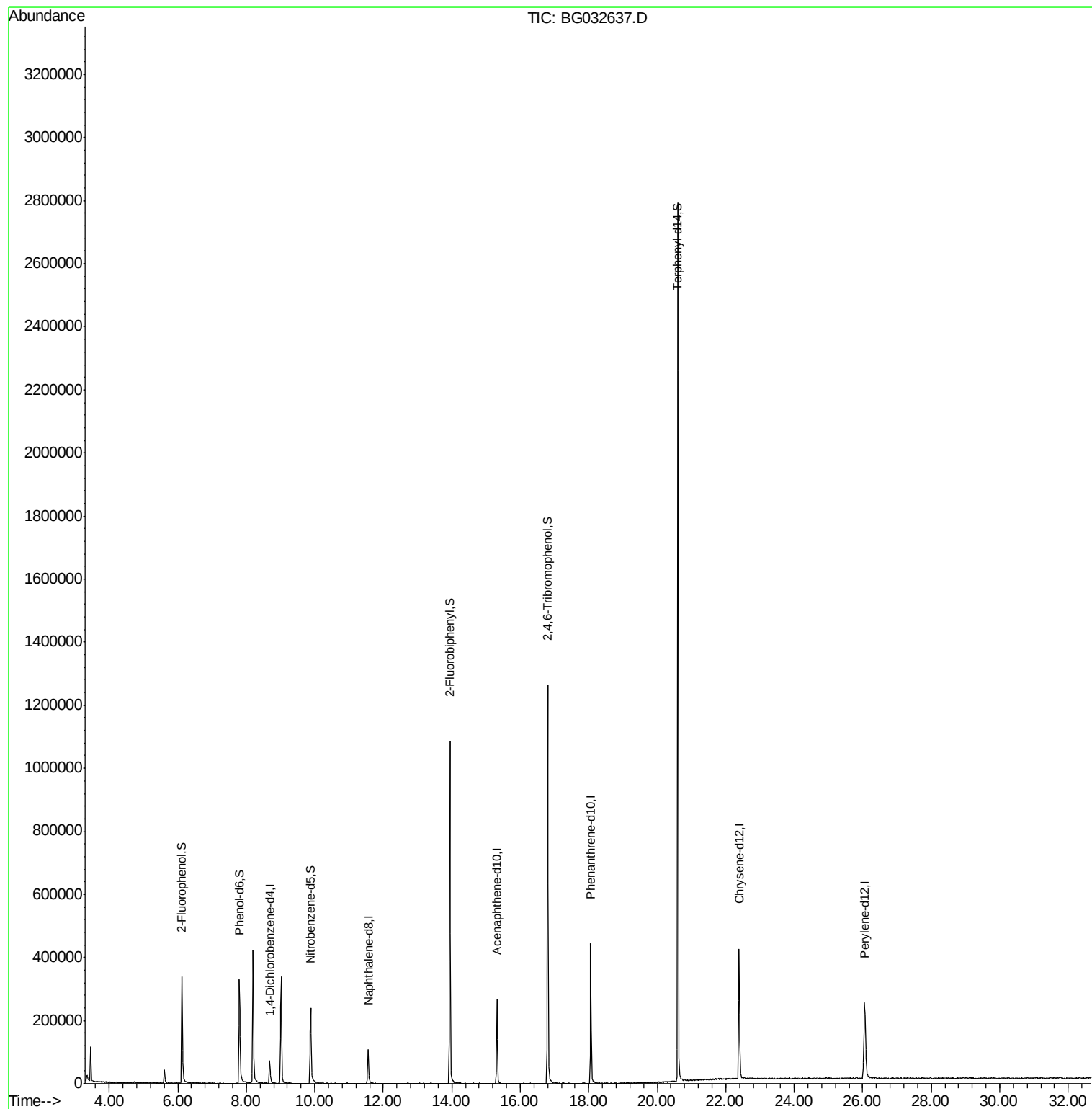
Target Compounds Qvalue

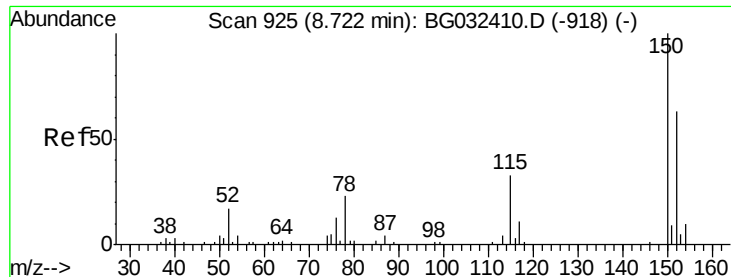
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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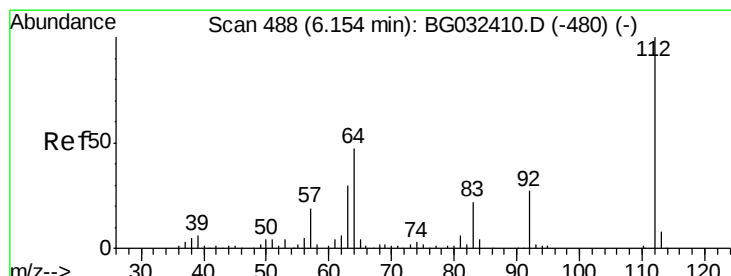
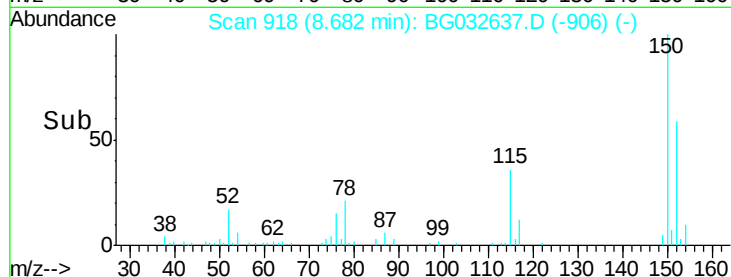
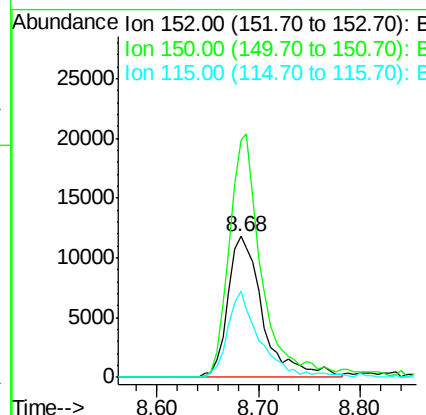
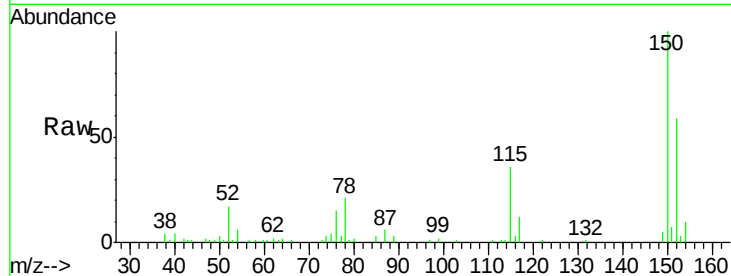


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :
VNJ-214

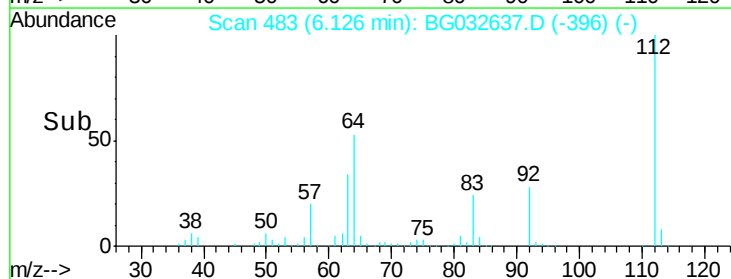
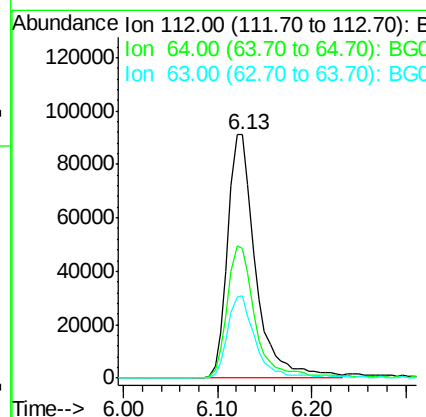
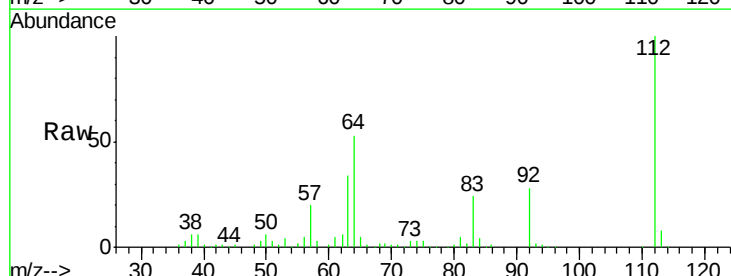
Tot Ion:152 Resp: 28305
Ion Ratio Lower Upper
152 100
150 168.6 126.6 189.8
115 61.2 53.0 79.4



#5

2-Fluorophenol
Concen: 134.843 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:112 Resp: 190024
Ion Ratio Lower Upper
112 100
64 53.2 56.3 84.5#
63 33.6 30.1 45.1





#7

Phenol-d6

Concen: 119.506 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032637.D

Acq: 9 Feb 2018 18:57

Instrument :

BNA_G

ClientSampleId :

VNJ-214

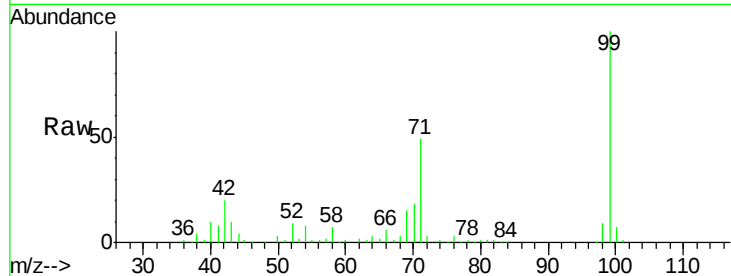
Tot Ion: 99 Resp: 224730

Ion Ratio Lower Upper

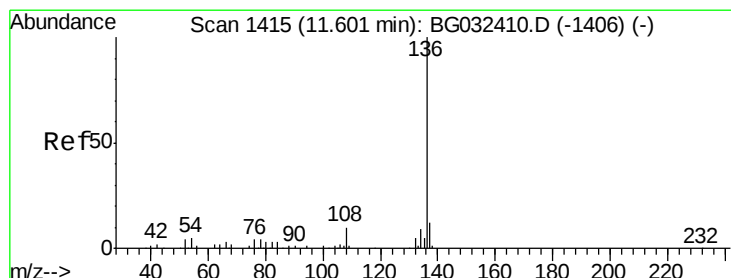
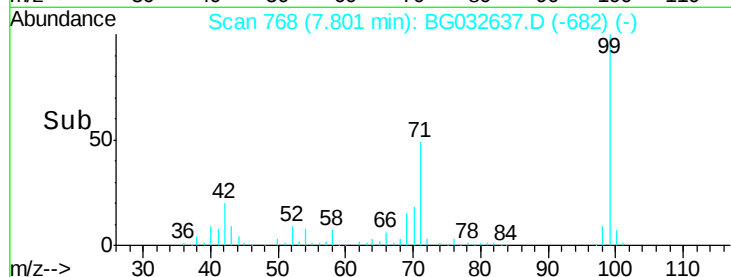
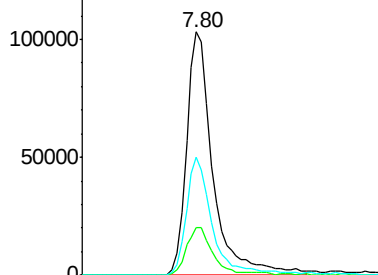
99 100

42 19.7 14.1 21.1

71 48.8 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032637.D

Acq: 9 Feb 2018 18:57

Tgt Ion: 136 Resp: 120008

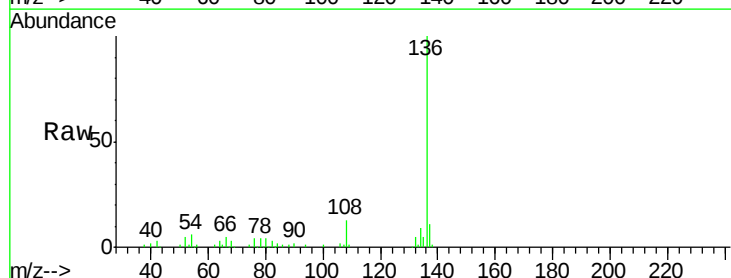
Ion Ratio Lower Upper

136 100

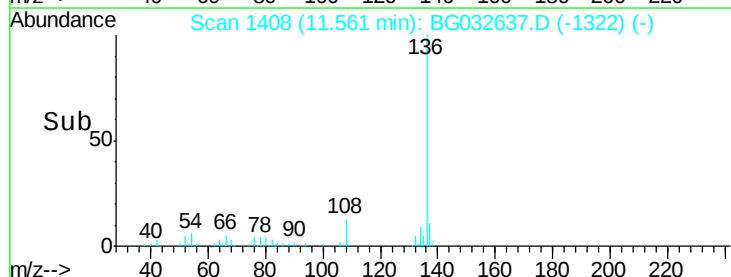
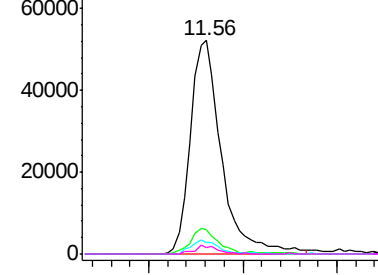
137 11.3 9.2 13.8

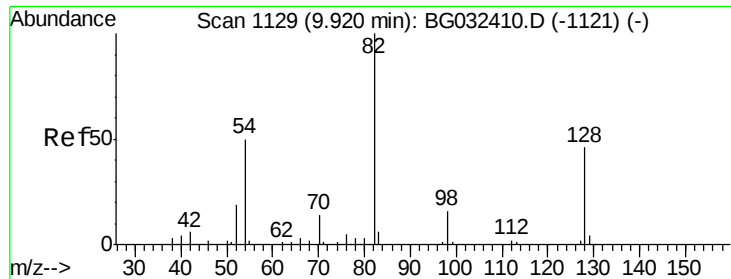
54 5.5 10.3 15.5#

68 3.2 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

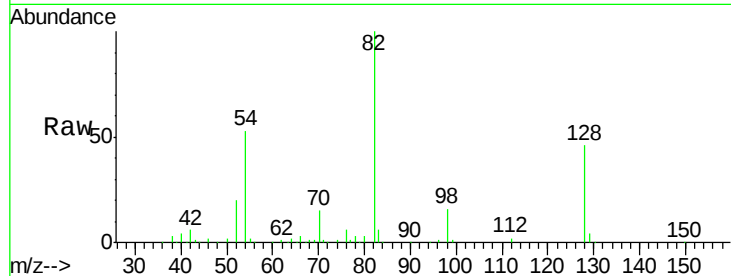




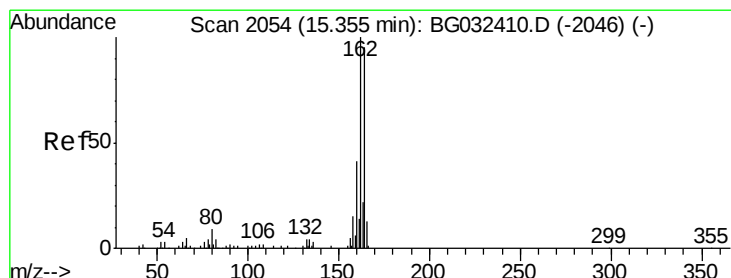
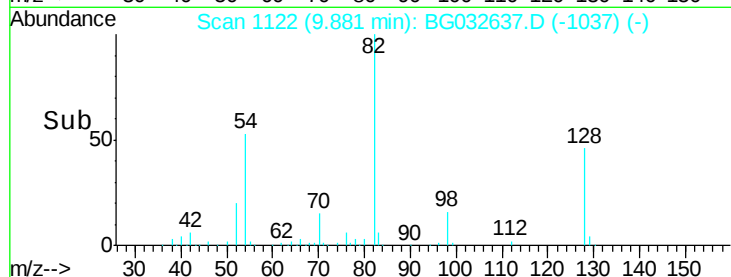
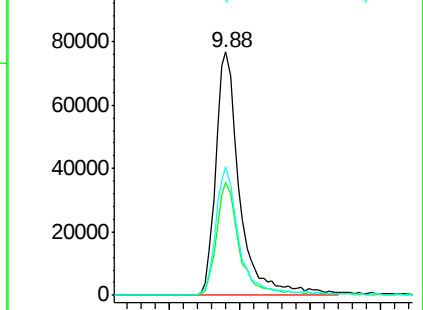
#23
Nitrobenzene-d5
Concen: 94.085 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Tot Ion	82	Resp	180769
Ion Ratio	100	Lower	Upper
128	46.2	29.7	44.5#
54	52.5	43.1	64.7

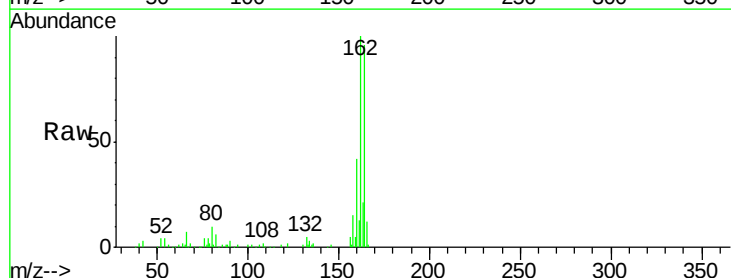


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

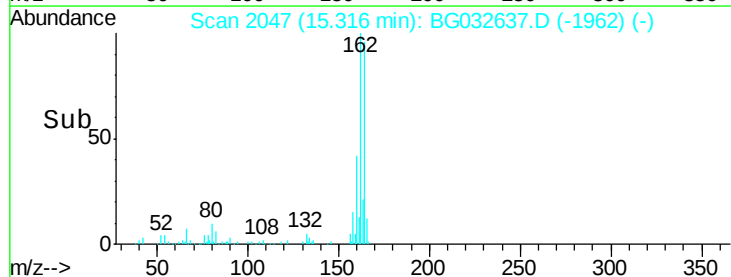
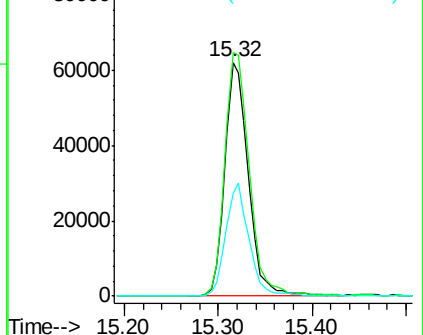


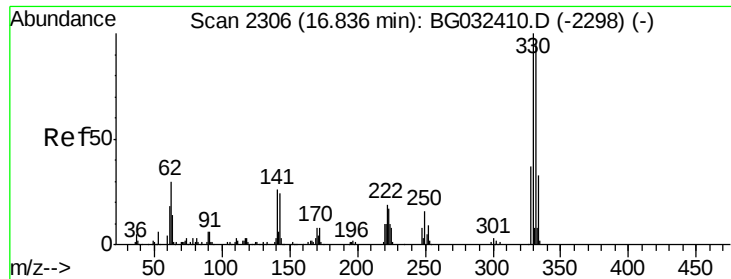
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.32 min Scan# 2047
Delta R.T. -0.03 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion	164	Resp	107921
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.3	78.8	118.2
160	44.1	35.4	53.0



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

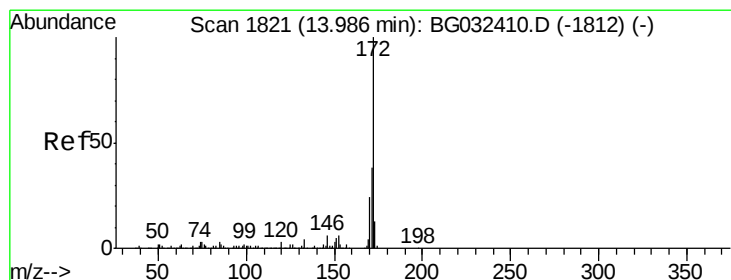
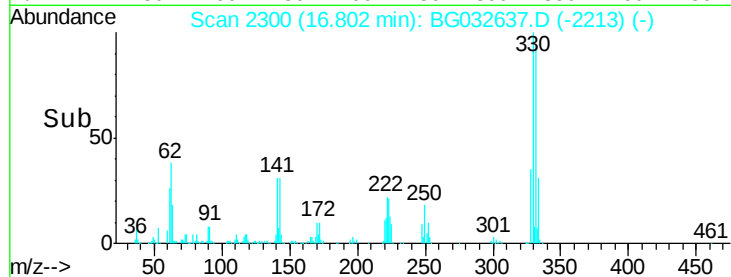
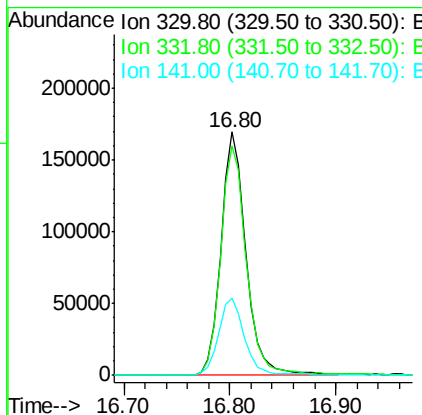
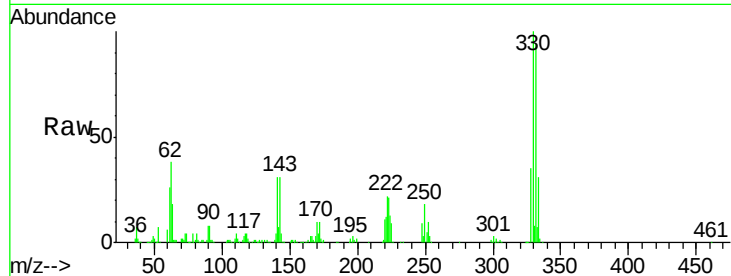




#41
 2,4,6-Tribromophenol
 Concen: 136.133 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032637.D
 Acq: 9 Feb 2018 18:57

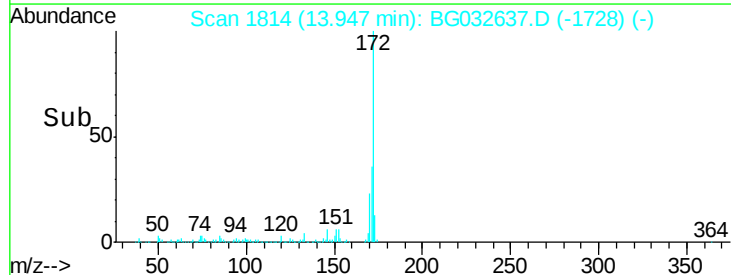
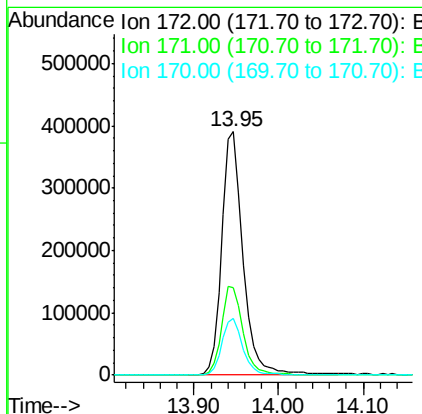
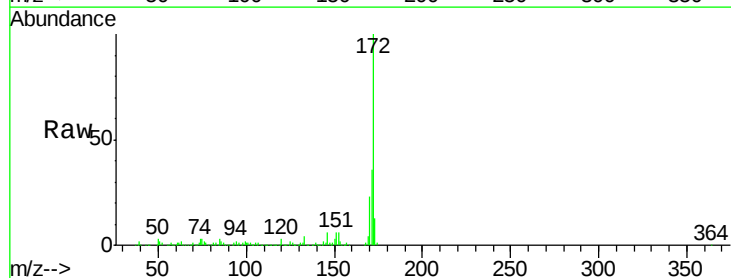
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-214

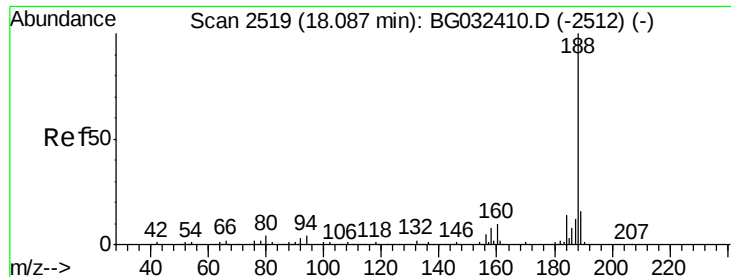
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 75.262 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032637.D
 Acq: 9 Feb 2018 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.4	19.5	29.3

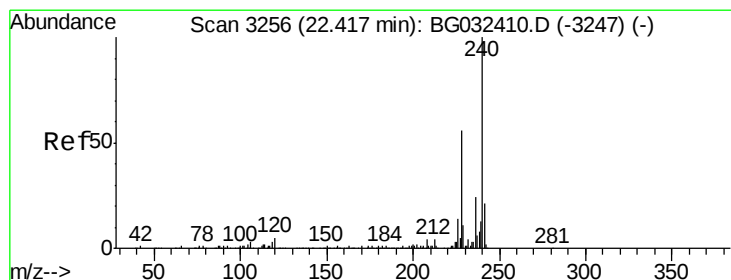
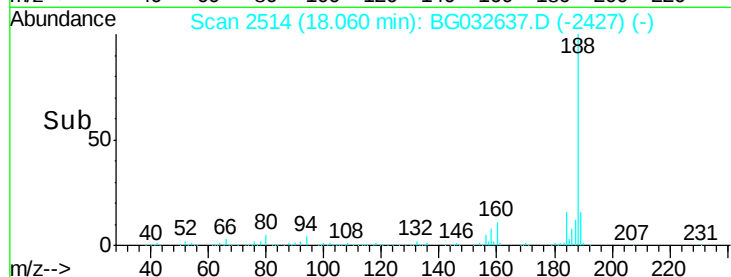
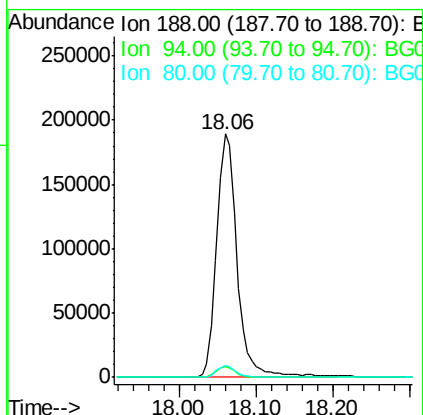
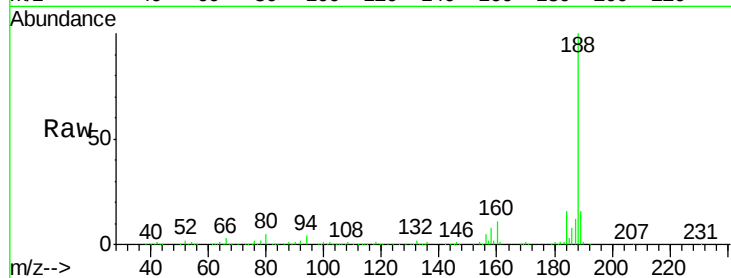




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

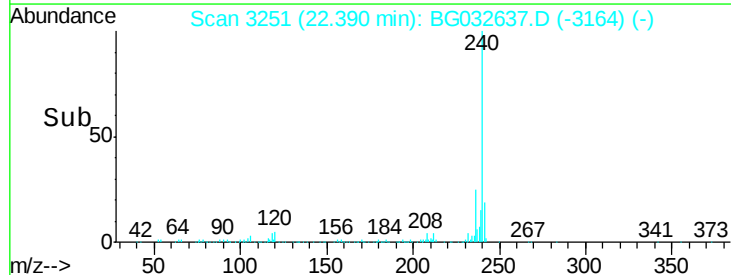
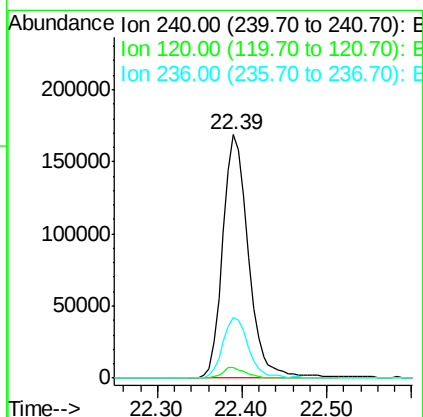
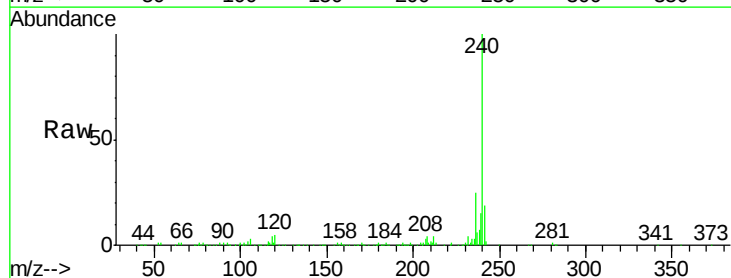
Instrument :
BNA_G
ClientSampleId :
VNJ-214

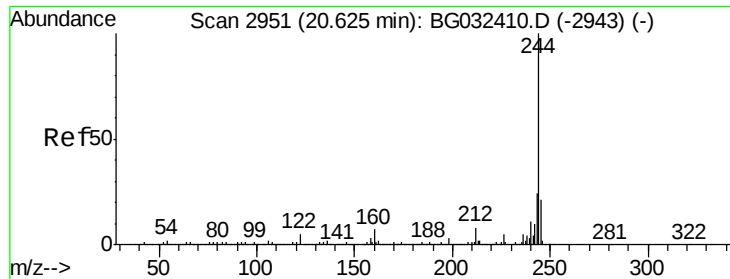
Tot Ion:188 Resp: 347838
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:240 Resp: 356338
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 92.056 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032637.D

Acq: 9 Feb 2018 18:57

Instrument :

BNA_G

ClientSampleId :

VNJ-214

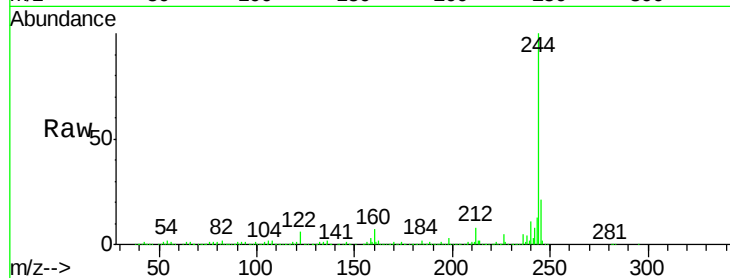
Tot Ion:244 Resp: 1531367

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

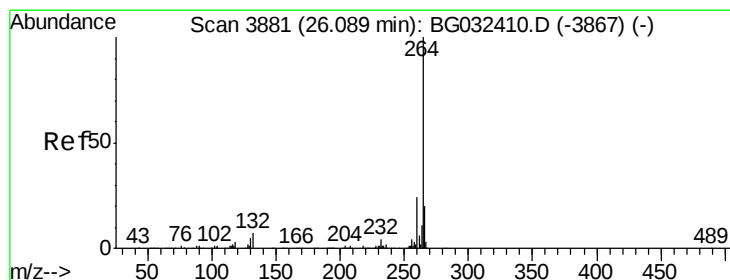
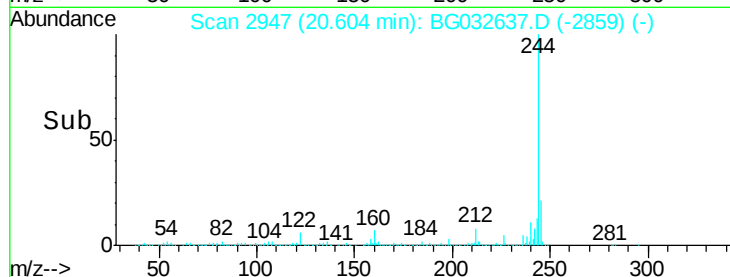
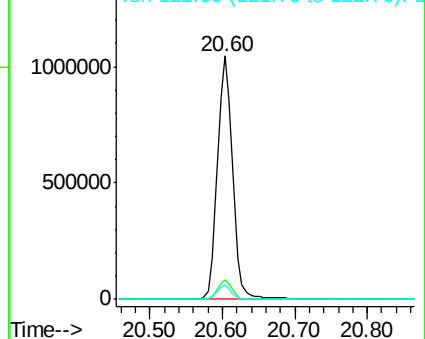
122 5.7 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.06 min Scan# 3876

Delta R.T. -0.00 min

Lab File: BG032637.D

Acq: 9 Feb 2018 18:57

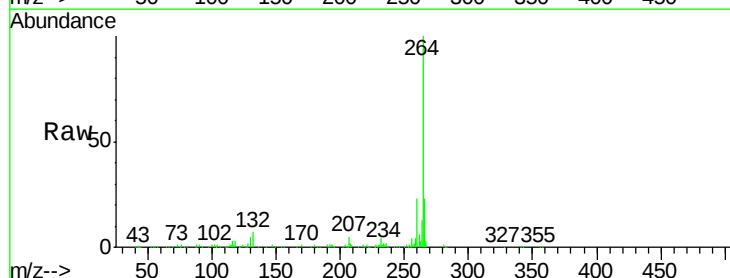
Tgt Ion:264 Resp: 370523

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 23.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

