

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037083.D
 Acq On : 1 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5171-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KR-RO-VNJ-221

Quant Time: Oct 02 06:39:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50843	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	209268	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	127463	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	307215	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	316568	20.00	ng	-0.02
86) Perylene-d12	24.87	264	309701	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	300764	113.45	ng	0.00
7) Phenol-d6	7.20	99	378357	92.24	ng	-0.01
23) Nitrobenzene-d5	9.20	82	330307	84.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	167632	109.92	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	666071	77.83	ng	-0.01
78) Terphenyl-d14	20.02	244	1122511	93.24	ng	-0.01

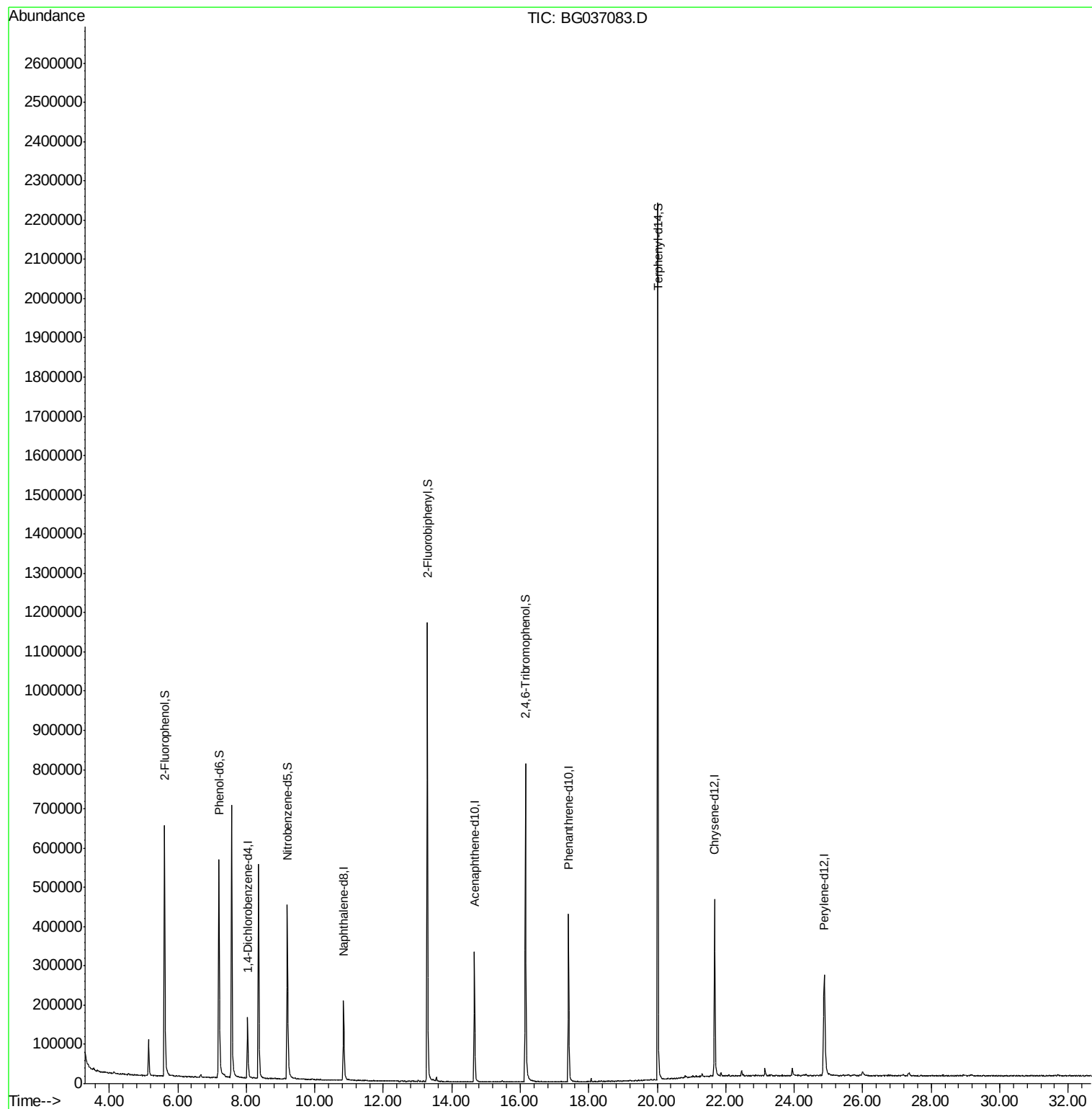
Target Compounds Qvalue

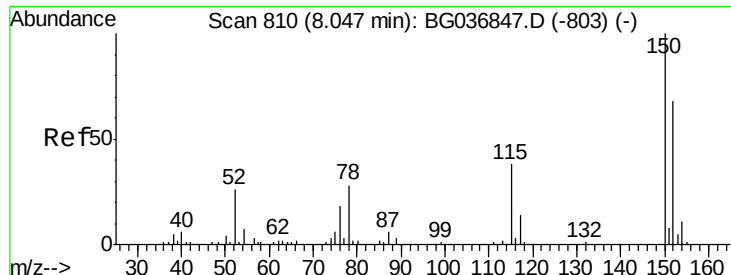
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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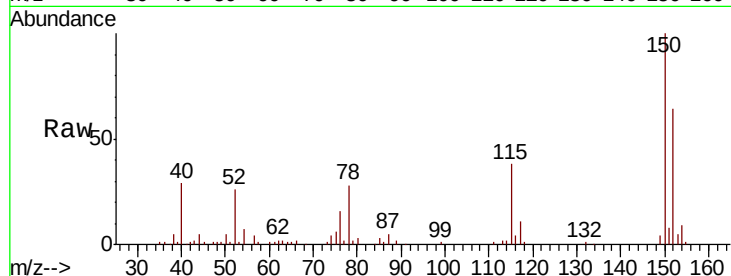


#1

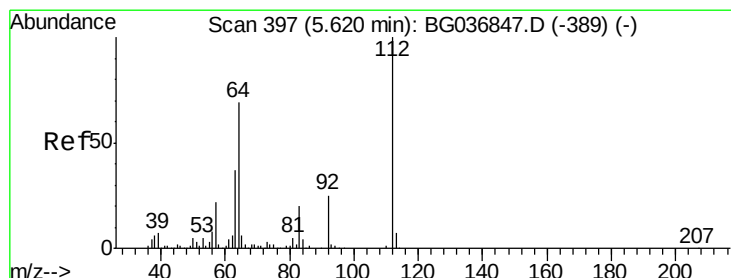
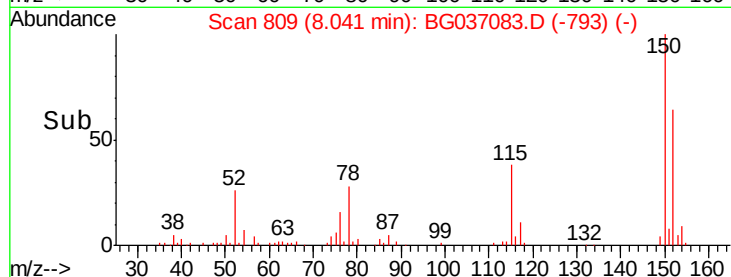
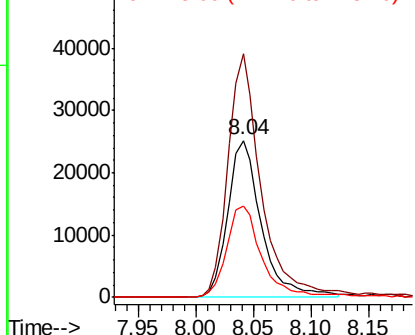
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :
KR-RO-VNJ-221

Tot Ion:152 Resp: 50843
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 58.5 44.5 66.7



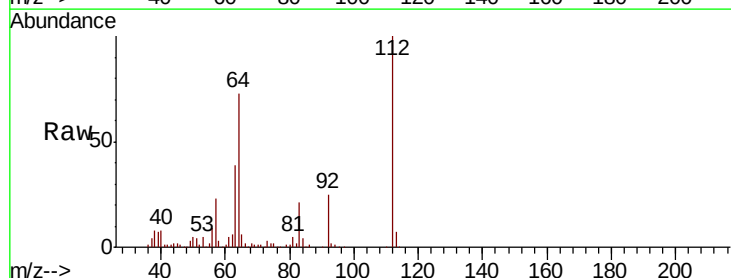
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



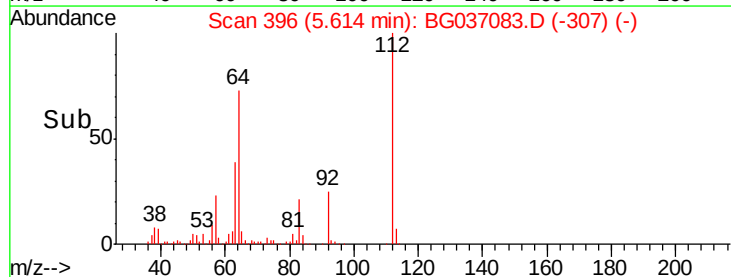
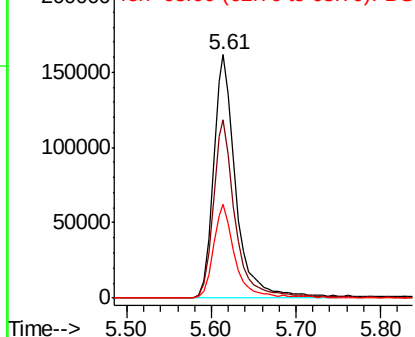
#5

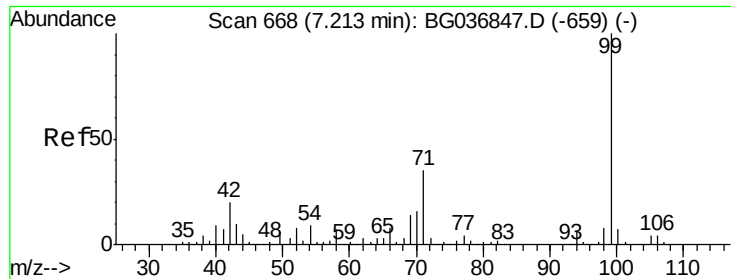
2-Fluorophenol
Concen: 113.447 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Tgt Ion:112 Resp: 300764
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 38.5 30.8 46.2



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: 92.243 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

Instrument :

BNA_G

ClientSampleId :

KR-RO-VNJ-221

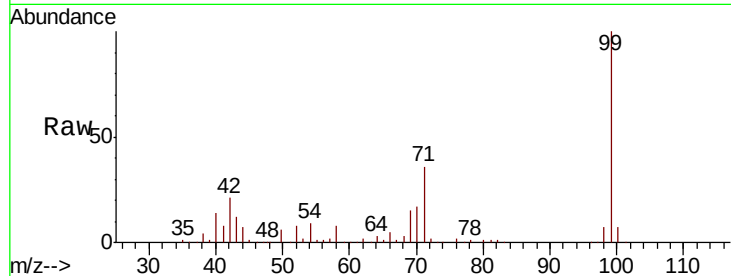
Tot Ion: 99 Resp: 378357

Ion Ratio Lower Upper

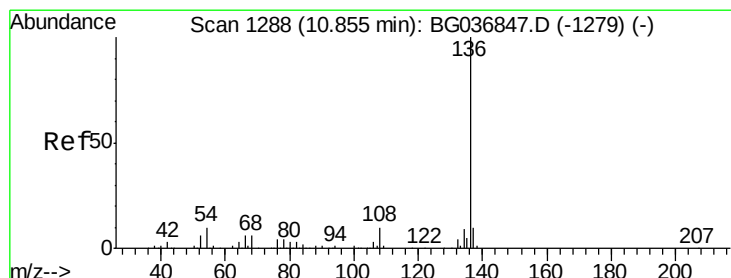
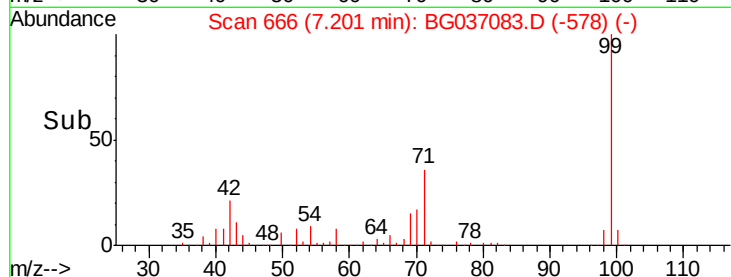
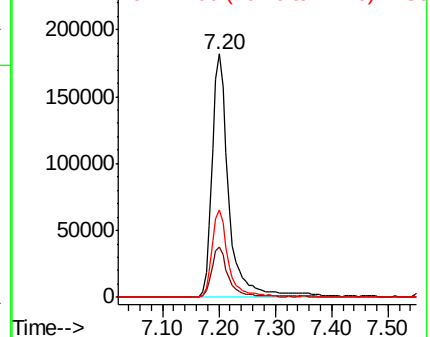
99 100

42 20.7 16.5 24.7

71 36.0 29.4 44.2



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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

Tgt Ion: 136 Resp: 209268

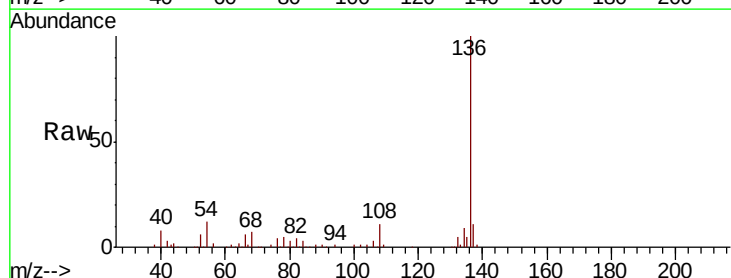
Ion Ratio Lower Upper

136 100

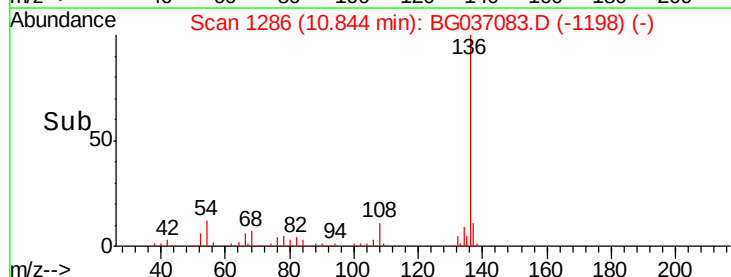
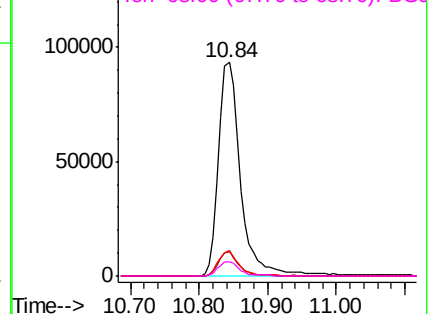
137 11.2 8.8 13.2

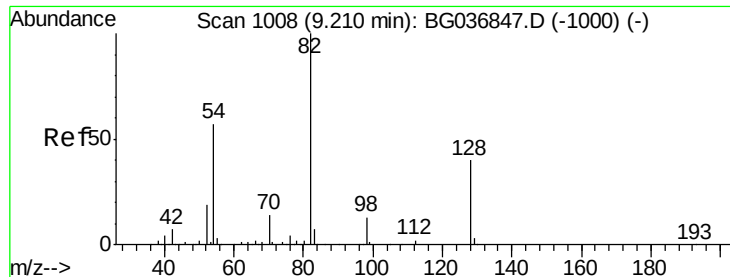
54 11.9 9.2 13.8

68 6.8 5.8 8.6



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

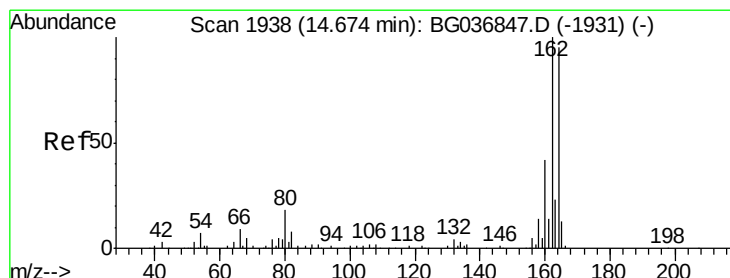
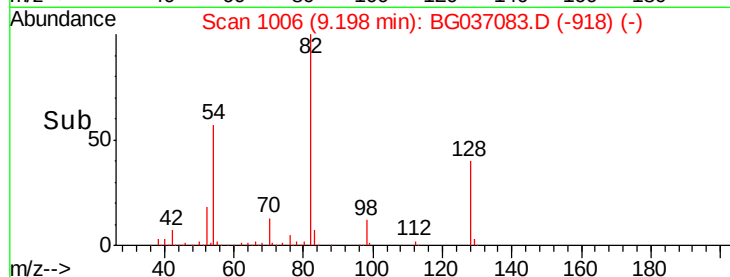
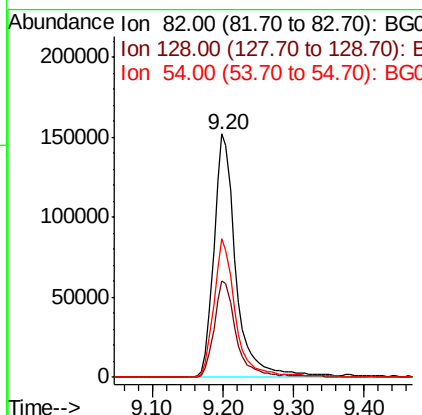
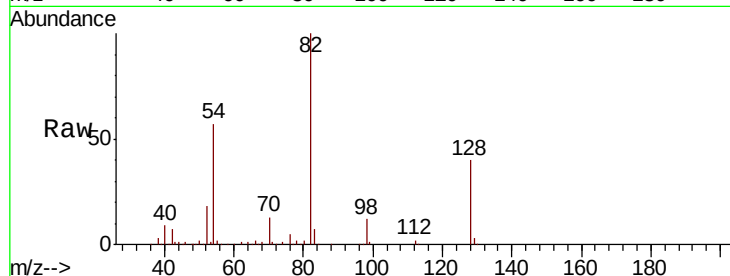




#23
Nitrobenzene-d5
Concen: 84.525 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

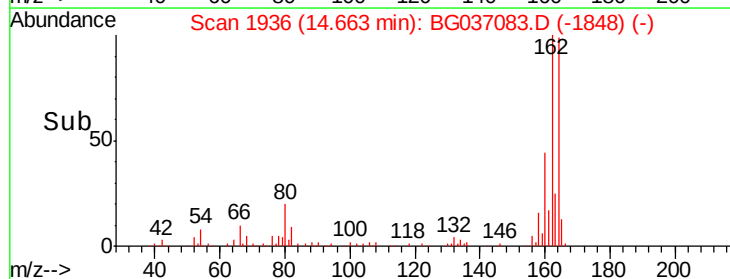
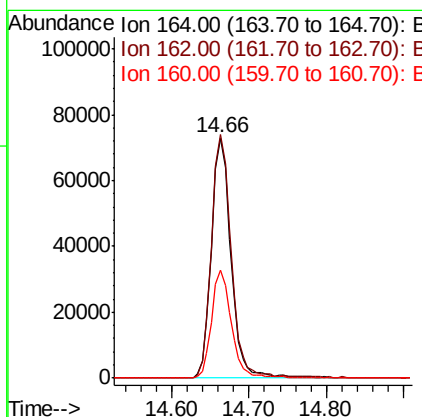
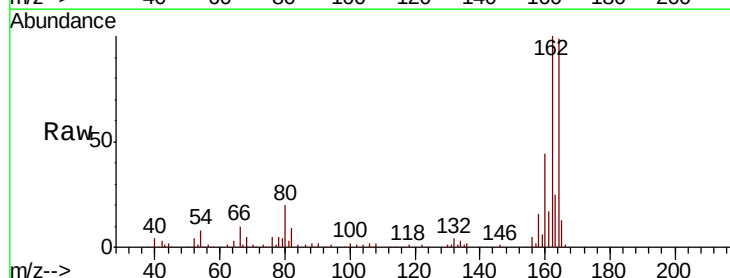
Instrument :
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ClientSampleId :
KR-RO-VNJ-221

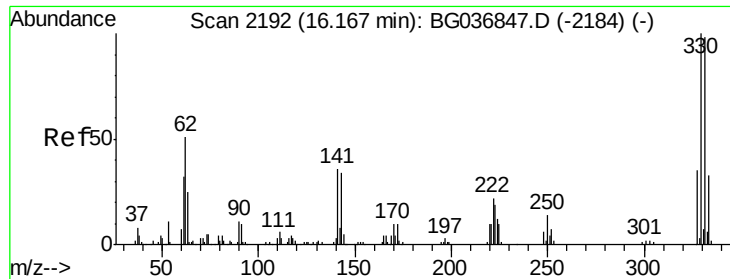
Tot Ion	82	Resp	330307
Ion Ratio	Lower	Upper	
82	100		
128	39.7	33.3	49.9
54	56.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Tgt Ion	164	Resp	127463
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.7	121.1
160	45.0	35.3	52.9

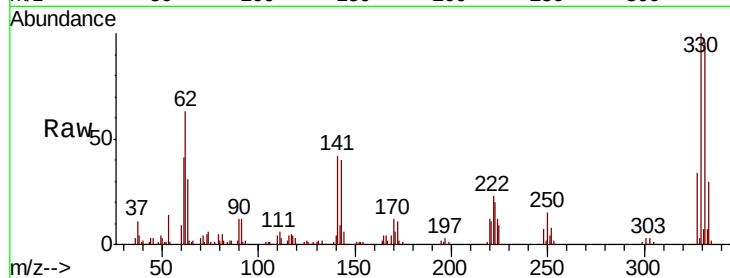




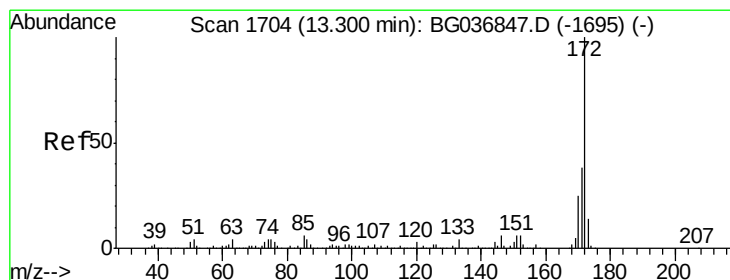
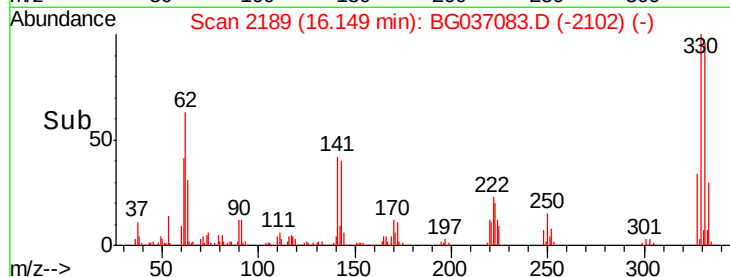
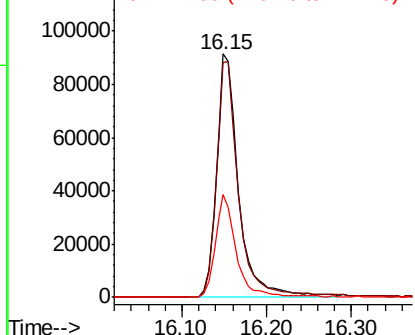
#41
 2,4,6-Tribromophenol
 Concen: 109.921 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037083.D
 Acq: 1 Oct 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 KR-RO-VNJ-221

Tot Ion:330 Resp: 167632
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.2
 141 40.2 30.7 46.1

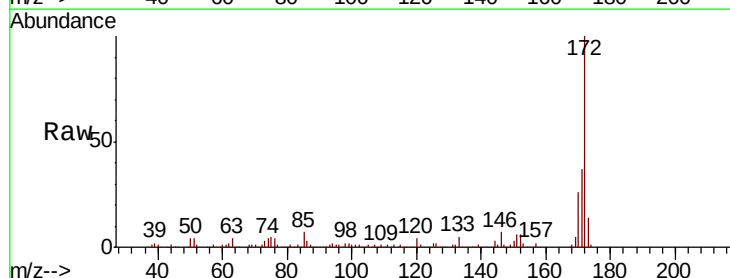


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

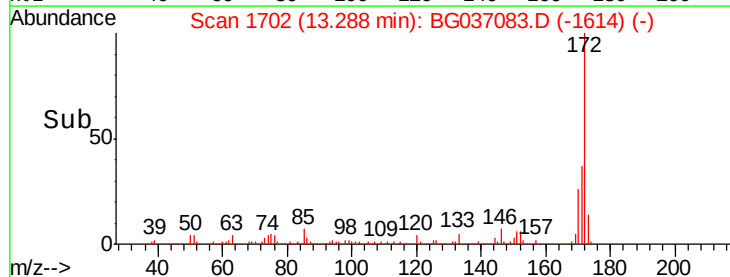
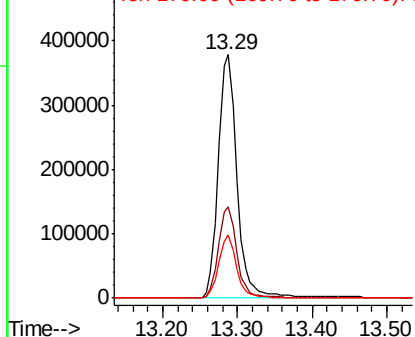


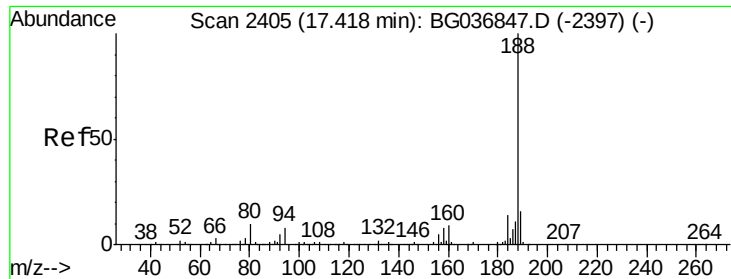
#44
 2-Fluorobiphenyl
 Concen: 77.830 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037083.D
 Acq: 1 Oct 2018 19:37

Tgt Ion:172 Resp: 666071
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 25.8 21.0 31.6



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

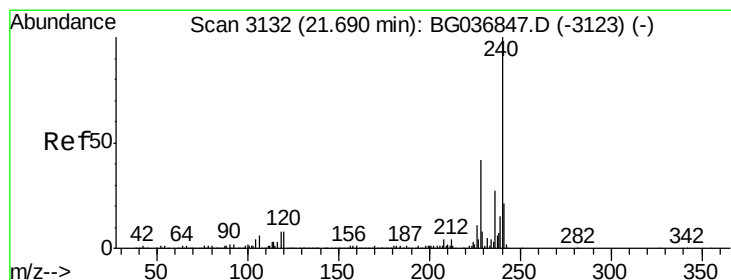
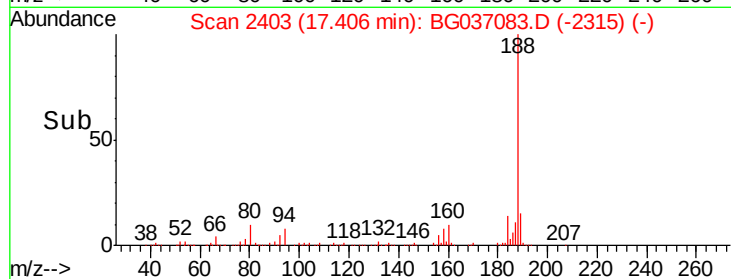
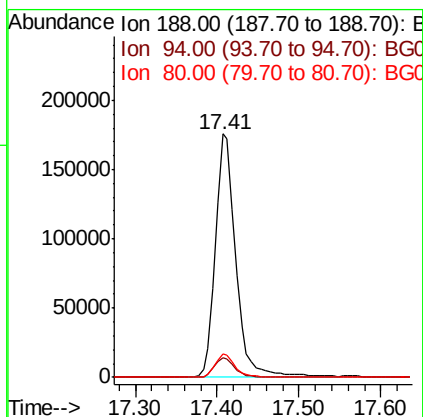
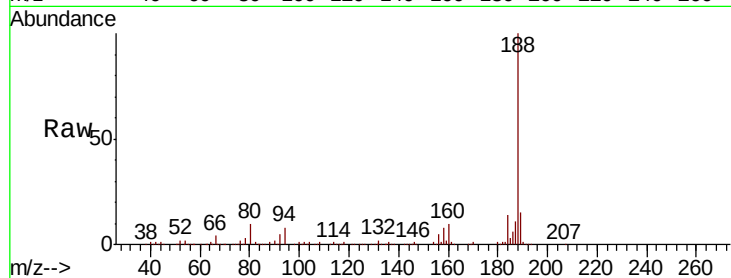




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

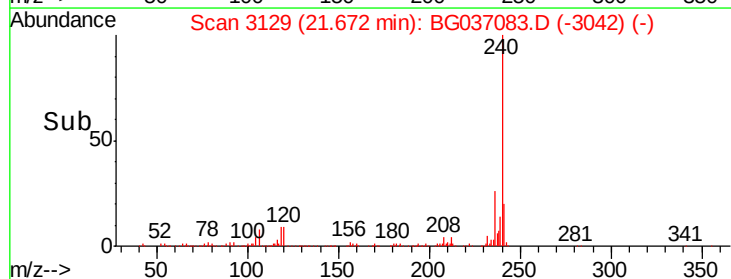
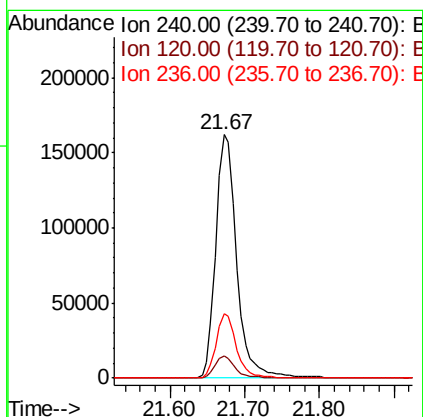
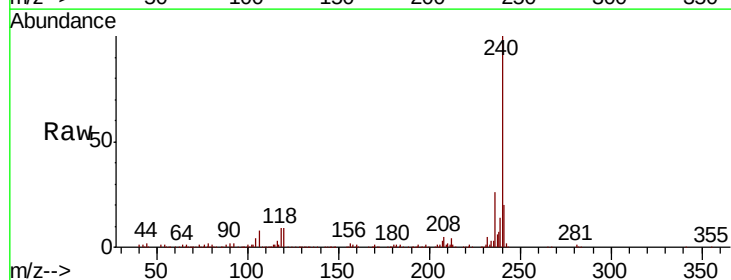
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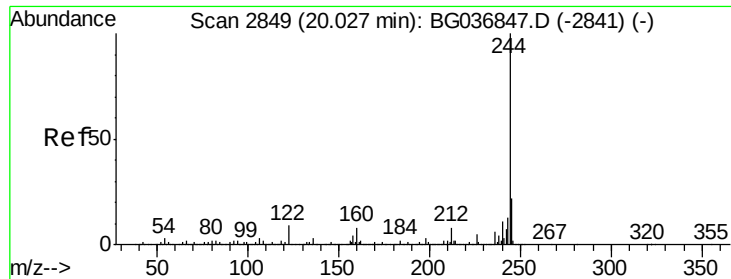
Tot Ion:188 Resp: 307215
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.6 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037083.D
Acq: 1 Oct 2018 19:37

Tgt Ion:240 Resp: 316568
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 93.238 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

Instrument :

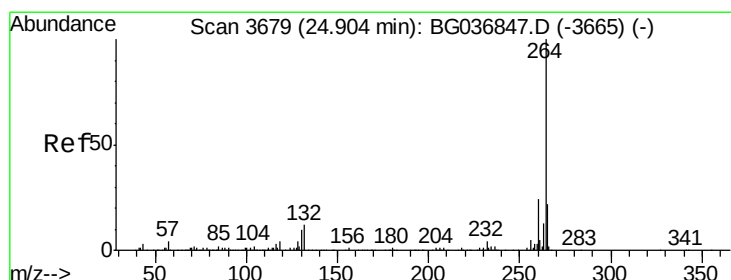
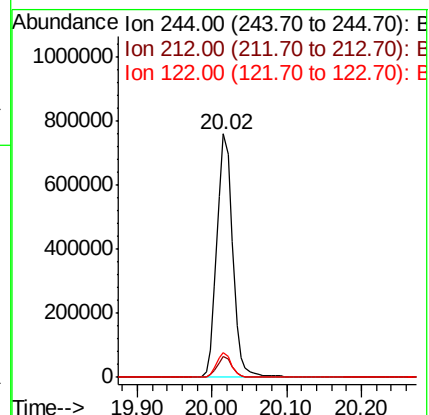
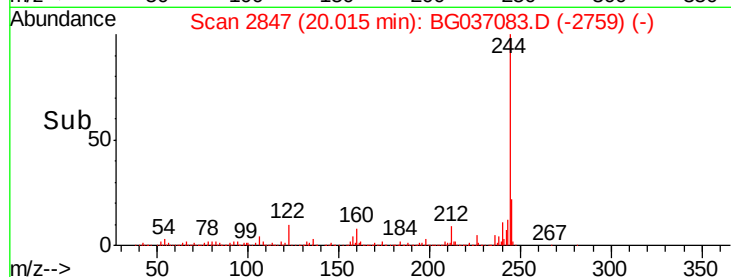
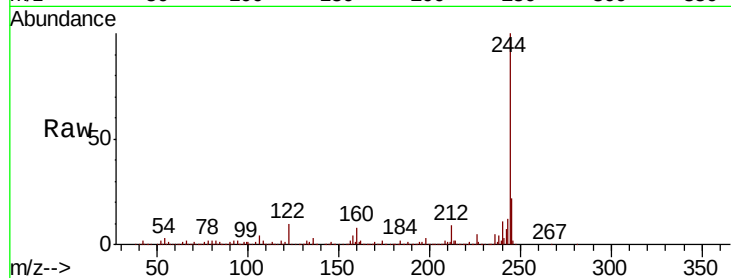
BNA_G

ClientSampleId :

KR-RO-VNJ-221

Tot Ion:244 Resp: 1122511

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	10.1	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037083.D

Acq: 1 Oct 2018 19:37

Tgt Ion:264 Resp: 309701

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.3	17.4	26.0

