

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038510.D
 Acq On : 12 Dec 2018 22:43
 Operator : JU/SJ
 Sample : J6193-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

Quant Time: Dec 13 06:34:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23333	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92574	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58791	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159331	20.00	ng	0.00
76) Chrysene-d12	21.72	240	190985	20.00	ng	0.00
87) Perylene-d12	25.01	264	200304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	185318	140.87	ng	0.00
7) Phenol-d6	7.21	99	224669	124.40	ng	0.00
23) Nitrobenzene-d5	9.24	82	179830	99.24	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	136612	168.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	409569	95.57	ng	0.00
79) Terphenyl-d14	20.04	244	947195	107.94	ng	0.00

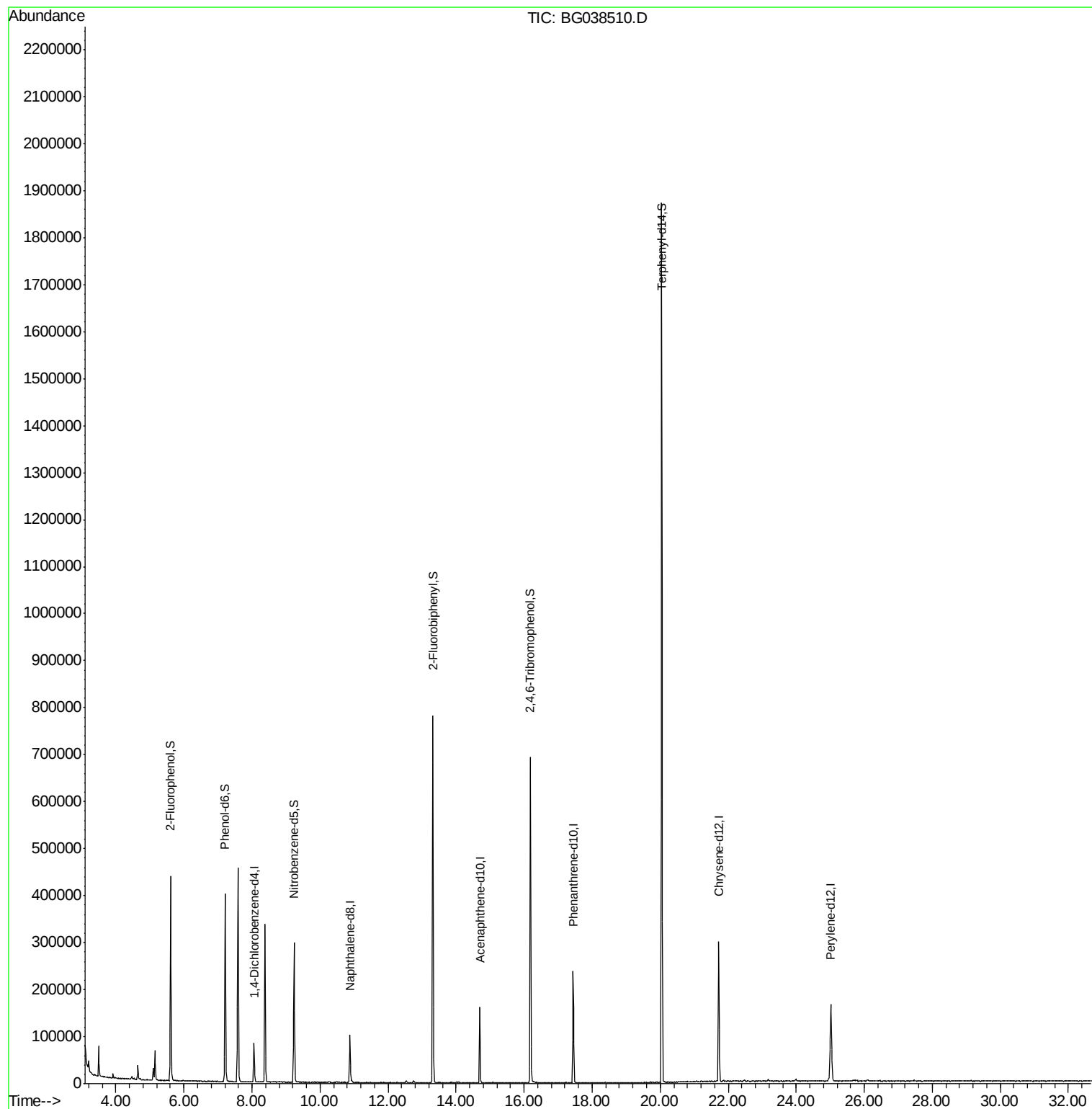
Target Compounds	Qvalue
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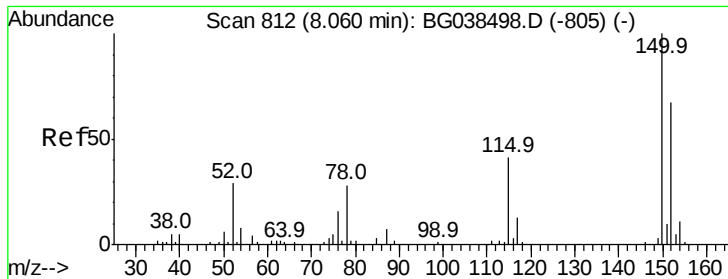
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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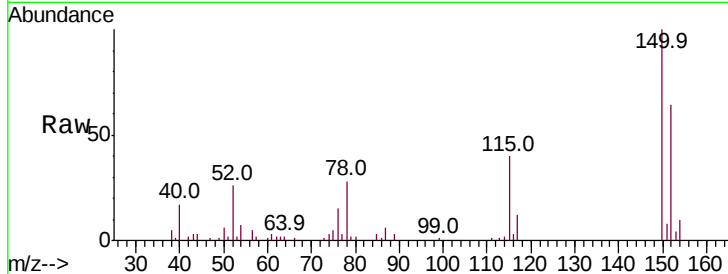


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	62.1	49.6	74.4

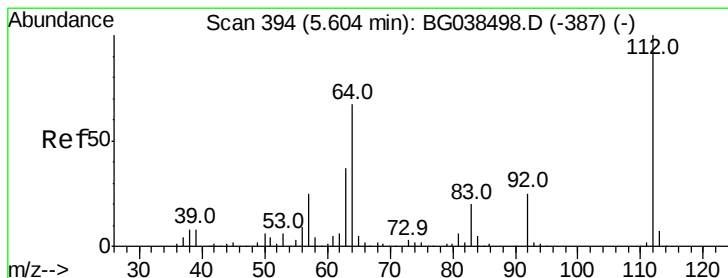
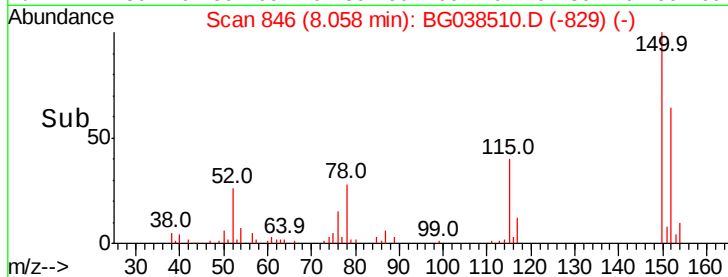
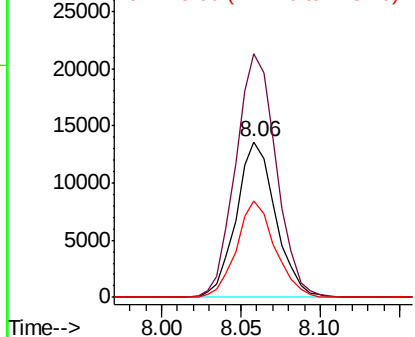


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

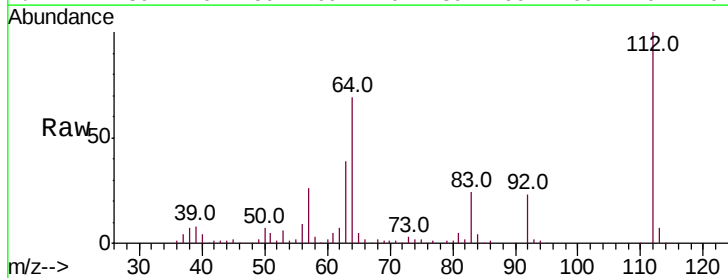
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.869 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.4	80.2
63	38.9	29.3	43.9

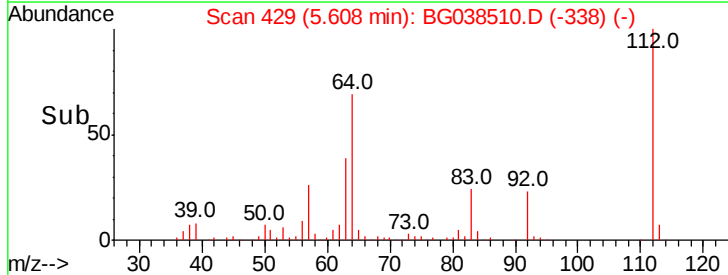
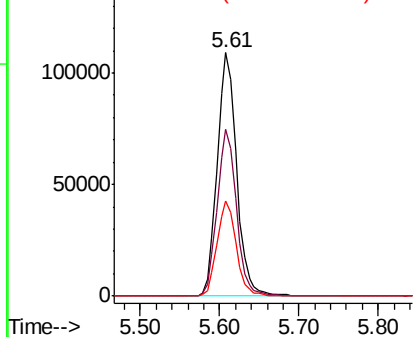


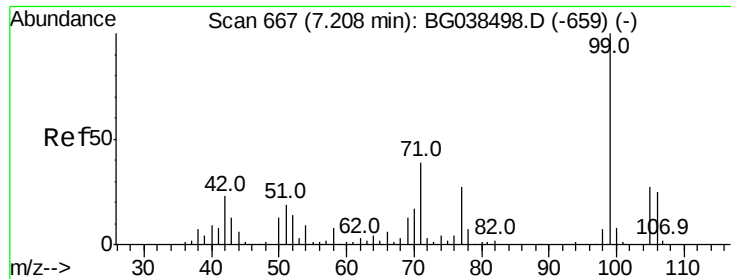
Abundance

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: 124.403 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

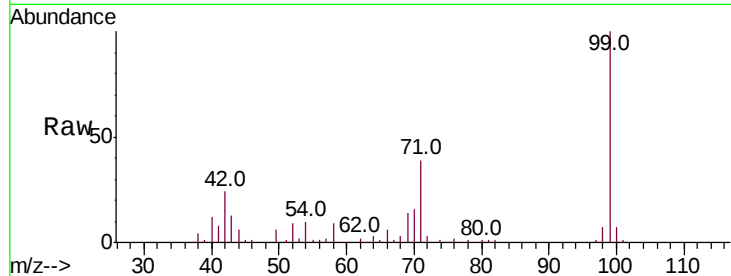
Tot Ion: 99 Resp: 224669

Ion Ratio Lower Upper

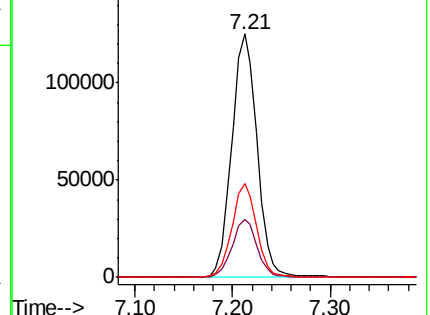
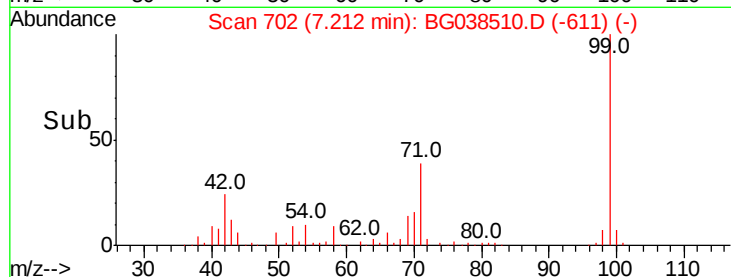
99 100

42 24.1 18.5 27.7

71 38.7 31.1 46.7



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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Tgt Ion: 136 Resp: 92574

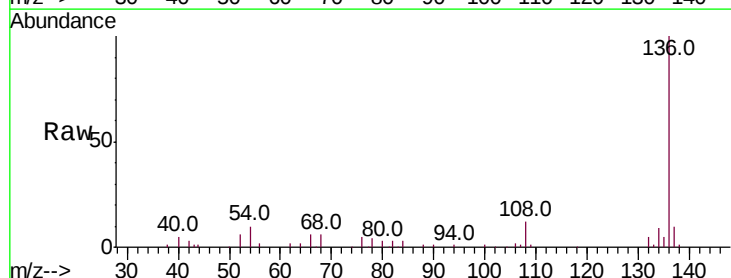
Ion Ratio Lower Upper

136 100

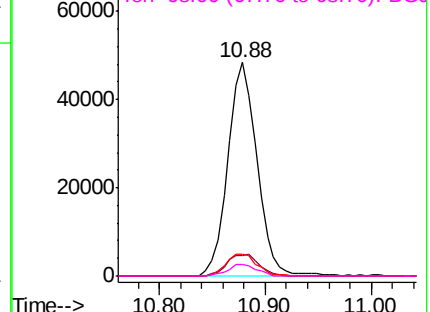
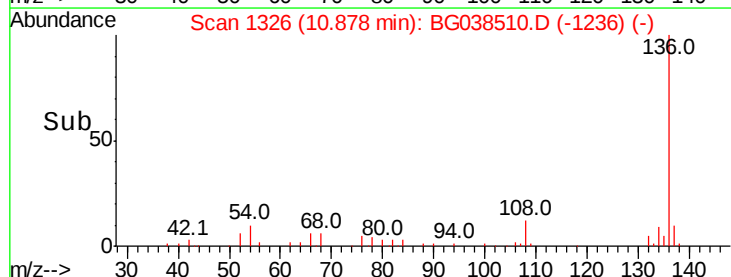
137 9.8 9.3 13.9

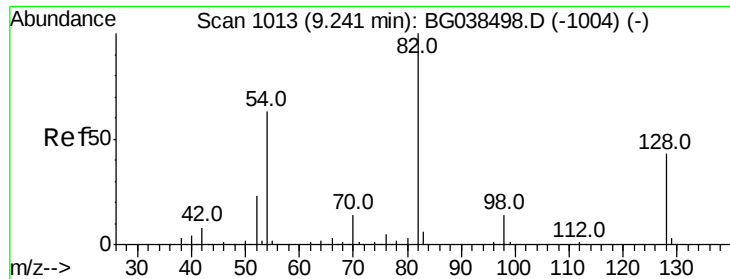
54 10.4 8.5 12.7

68 5.7 3.5 5.3#



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

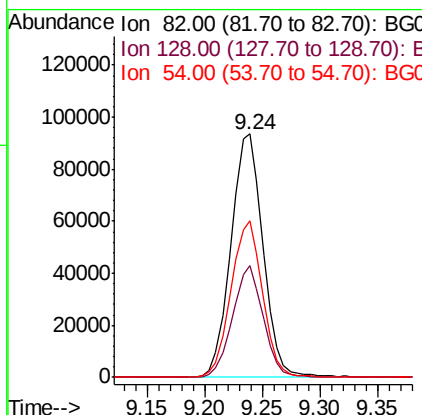
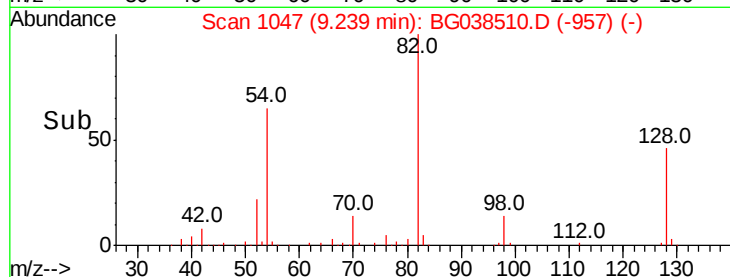
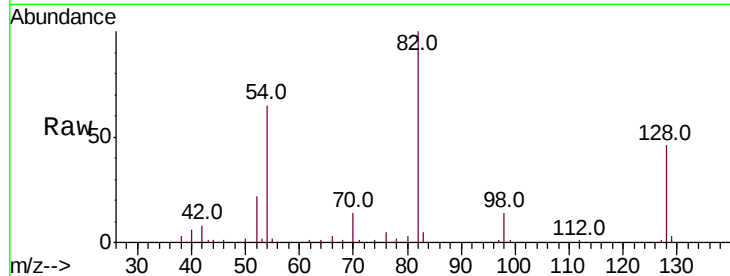




#23
Nitrobenzene-d5
Concen: 99.239 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

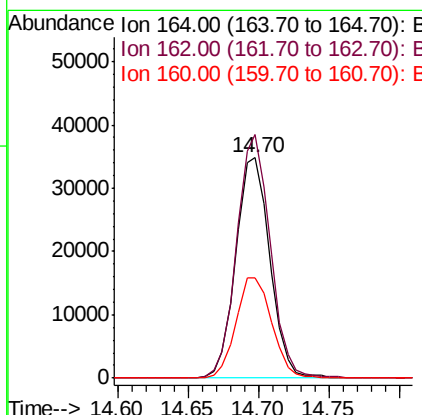
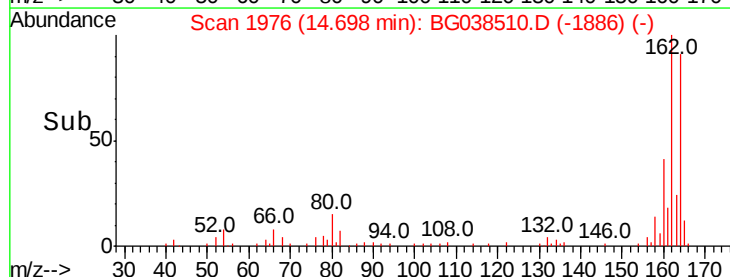
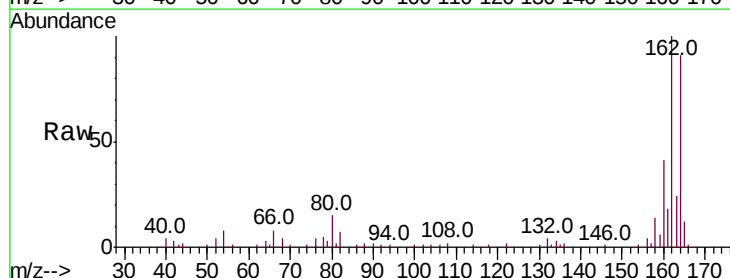
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

Tot Ion: 82 Resp: 179830
Ion Ratio Lower Upper
82 100
128 46.2 34.6 52.0
54 64.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion:164 Resp: 58791
Ion Ratio Lower Upper
164 100
162 110.5 86.6 130.0
160 45.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 168.606 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

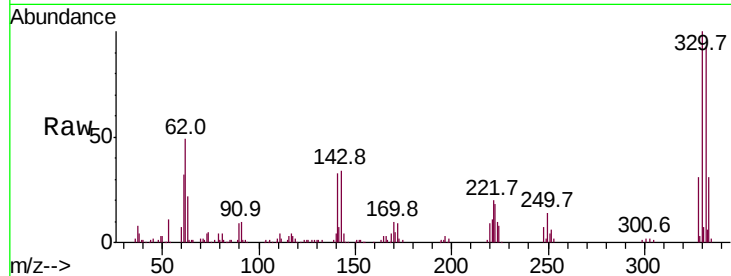
Tot Ion:330 Resp: 136612

Ion Ratio Lower Upper

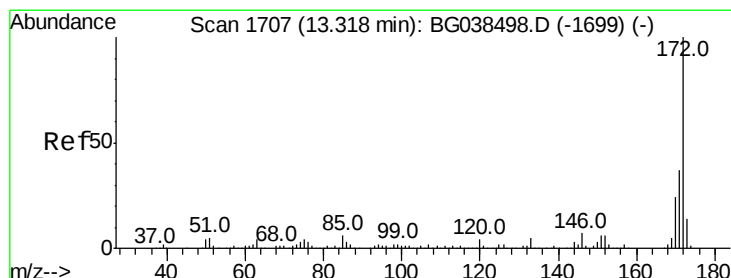
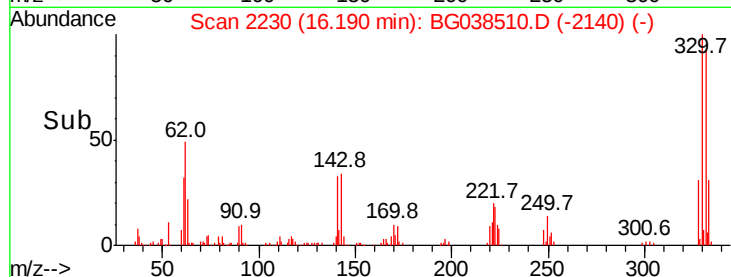
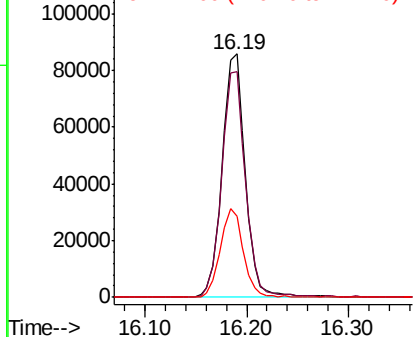
330 100

332 94.9 76.9 115.3

141 36.1 28.8 43.2



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: 95.570 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

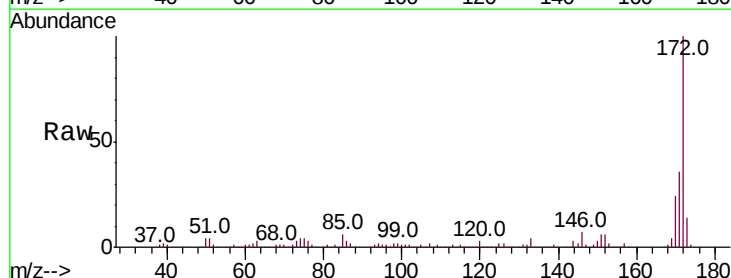
Tgt Ion:172 Resp: 409569

Ion Ratio Lower Upper

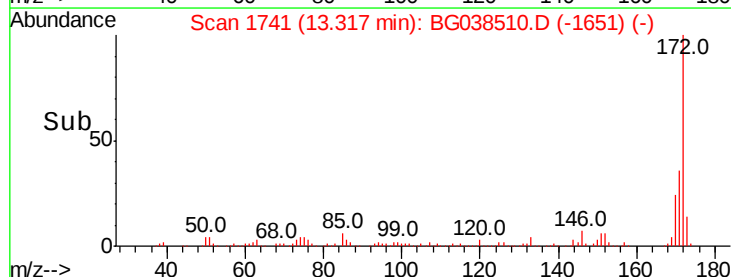
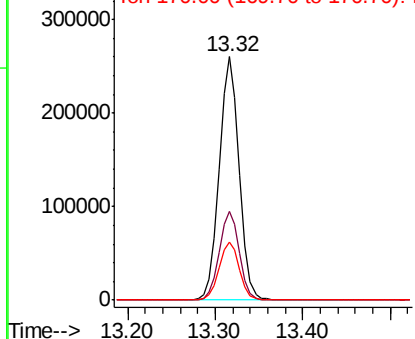
172 100

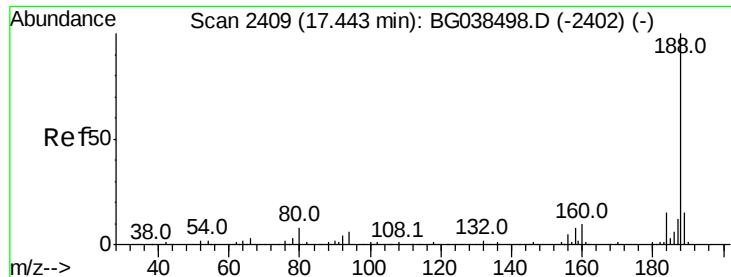
171 36.5 29.8 44.6

170 23.8 19.5 29.3



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

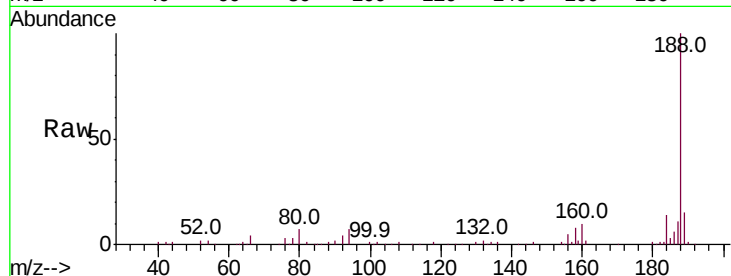




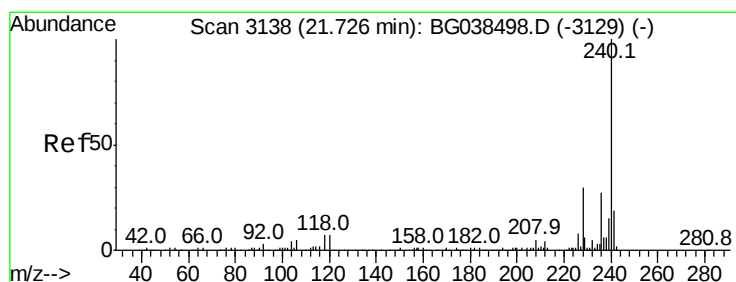
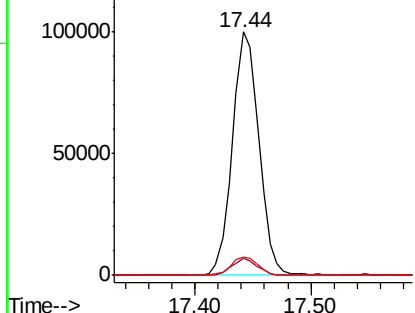
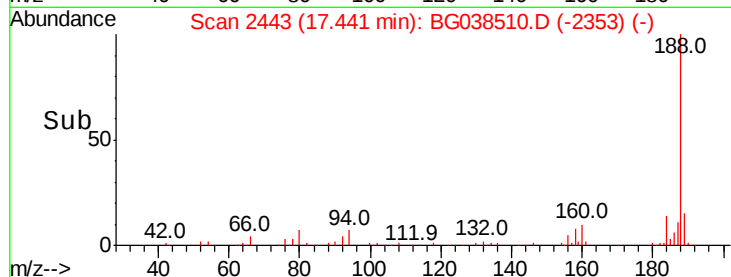
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.1	7.7
80	7.5	6.1	9.1

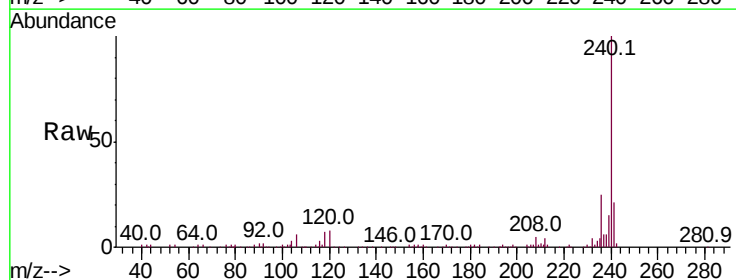


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

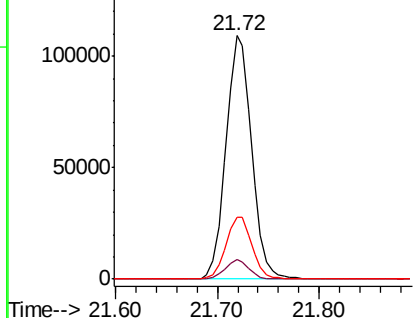
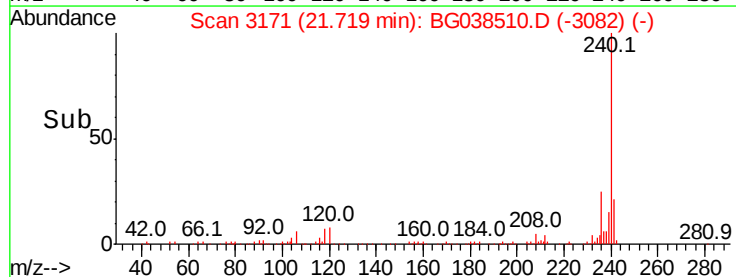


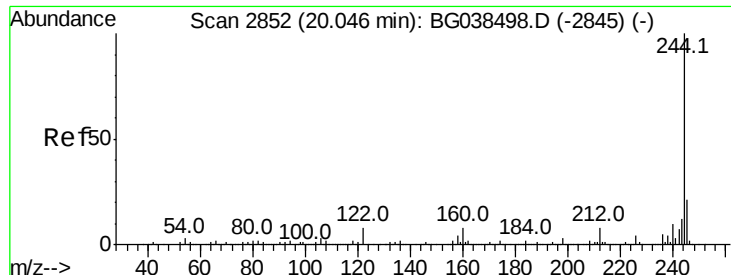
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.3	7.9#
236	25.5	21.4	32.2



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: 107.936 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

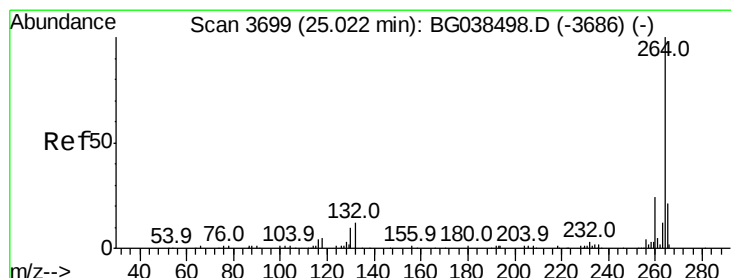
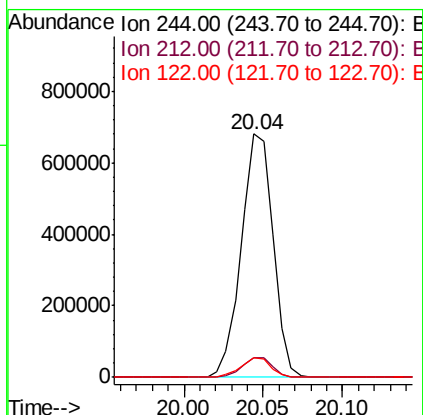
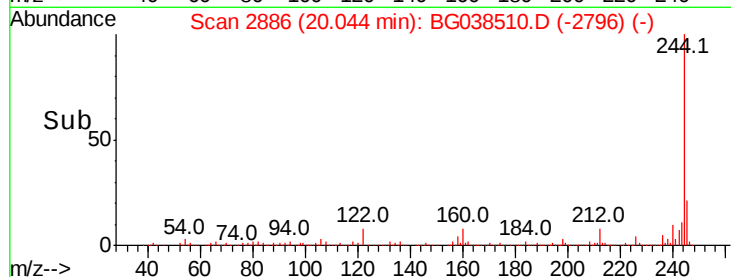
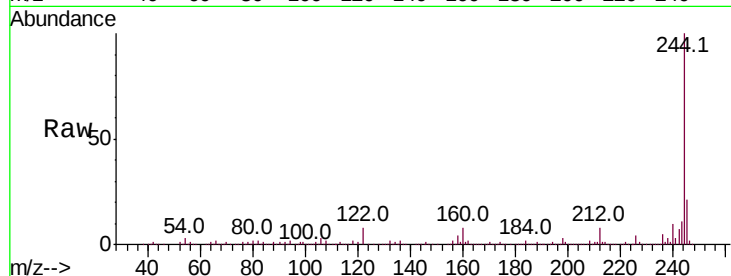
Tot Ion:244 Resp: 947195

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 7.9 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Tgt Ion:264 Resp: 200304

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 21.1 17.0 25.4

