

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038882.D
 Acq On : 28 Dec 2018 20:29
 Operator : JU/SJ
 Sample : J6193-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-122718-B

Quant Time: Dec 29 00:51:01 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	8.05	152	21778	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	94804	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	72517	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182740	20.00	ng	0.00
76) Chrysene-d12	21.72	240	189359	20.00	ng	0.00
87) Perylene-d12	25.02	264	199833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	178404	145.30	ng	0.00
7) Phenol-d6	7.22	99	240399	142.62	ng	0.01
23) Nitrobenzene-d5	9.23	82	173196	93.33	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	145984	146.07	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	504219	95.39	ng	0.00
79) Terphenyl-d14	20.04	244	949324	109.11	ng	0.00

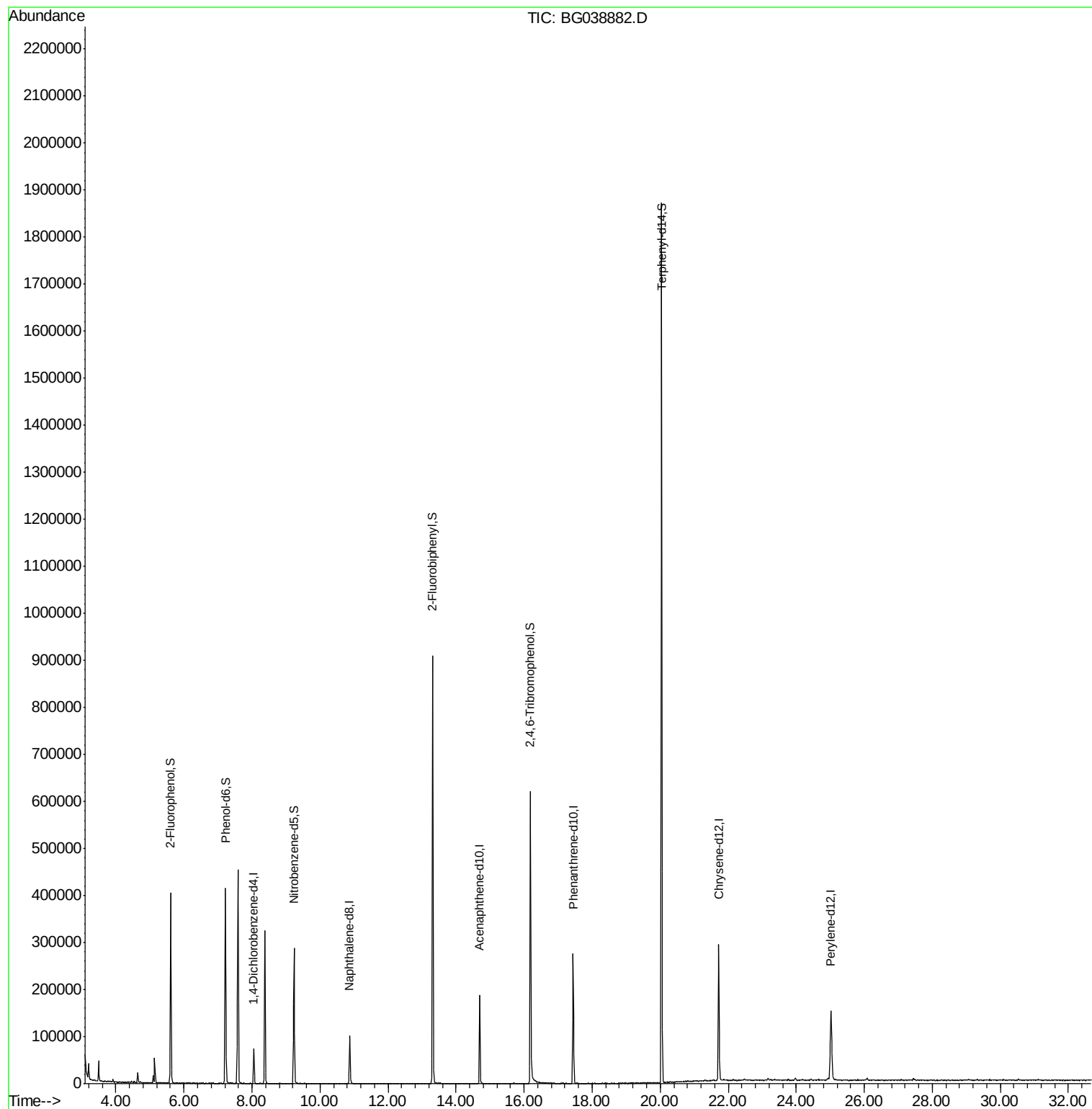
Target Compounds Qvalue

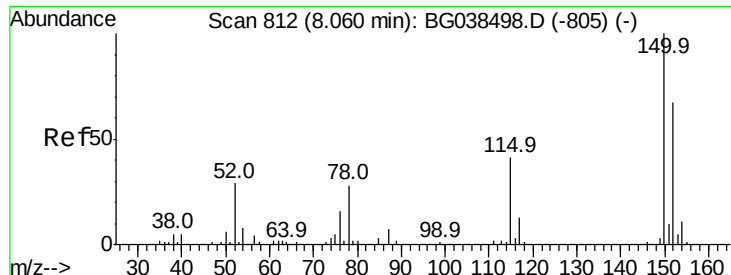
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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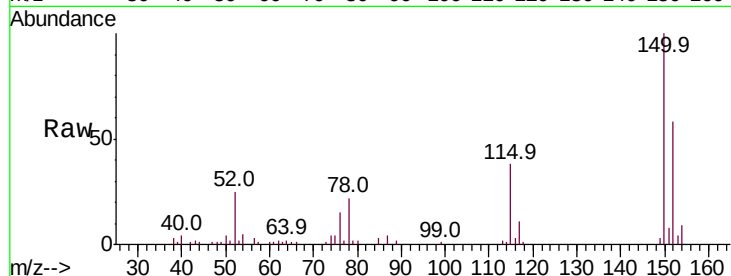


#1

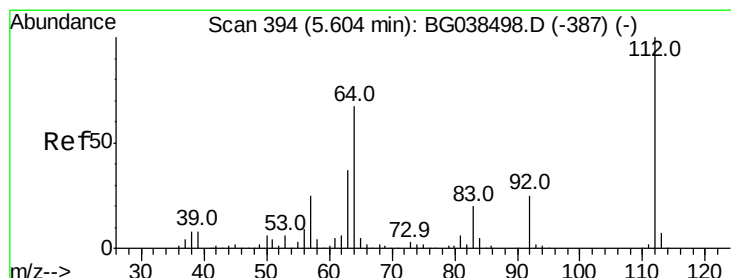
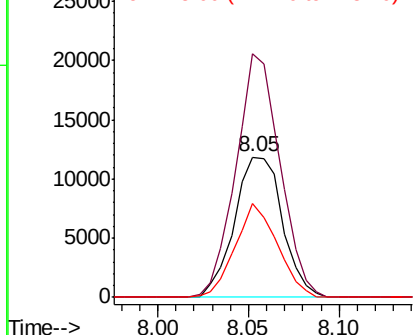
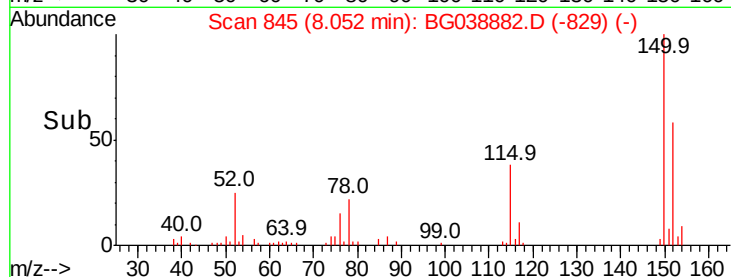
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038882.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-B

Tot Ion:152 Resp: 21778
Ion Ratio Lower Upper
152 100
150 173.3 119.5 179.3
115 66.6 49.6 74.4



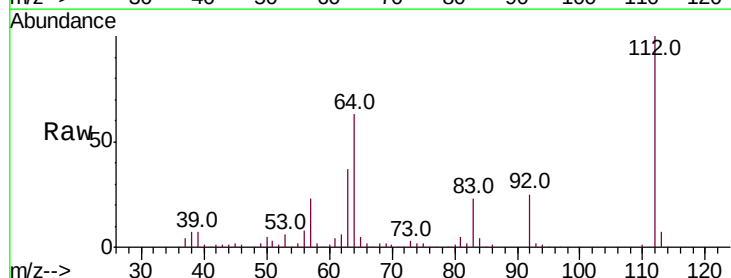
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



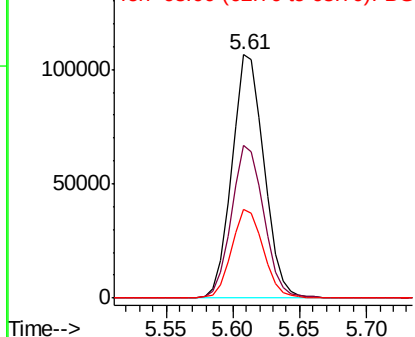
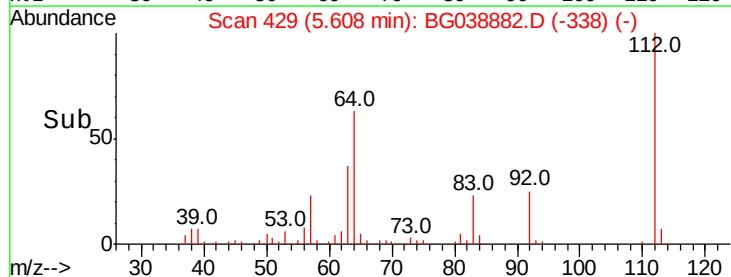
#5

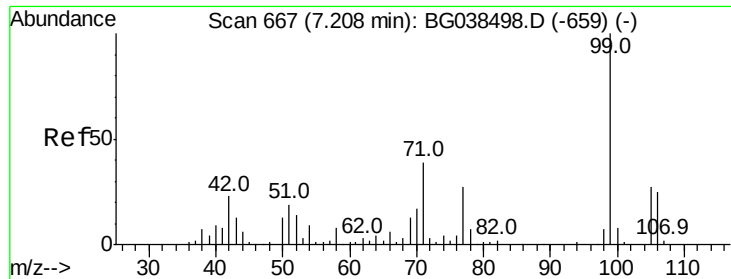
2-Fluorophenol
Concen: 145.296 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038882.D
Acq: 28 Dec 2018 20:29

Tgt Ion:112 Resp: 178404
Ion Ratio Lower Upper
112 100
64 62.5 53.4 80.2
63 36.7 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: 142.618 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038882.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_G

ClientSampleId :

CL-02-122718-B

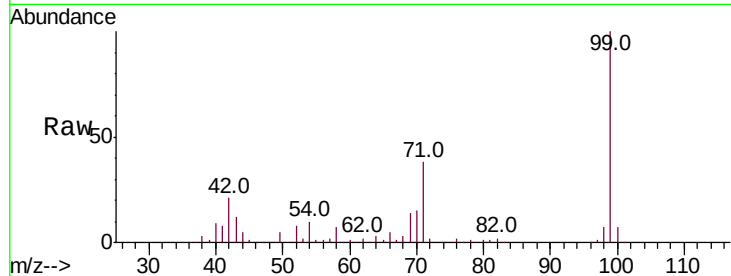
Tot Ion: 99 Resp: 240399

Ion Ratio Lower Upper

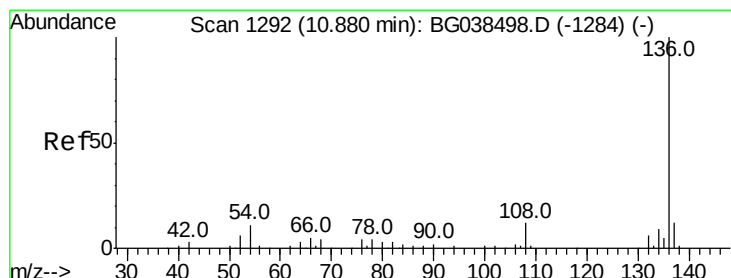
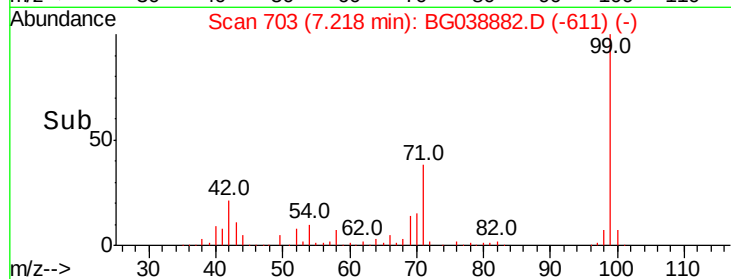
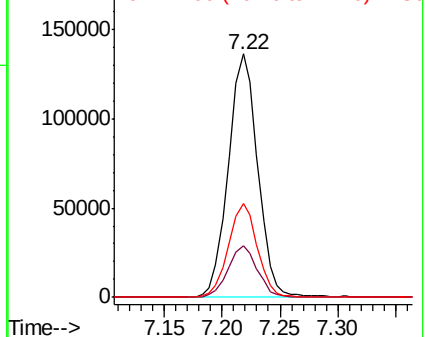
99 100

42 21.4 18.5 27.7

71 38.3 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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038882.D

Acq: 28 Dec 2018 20:29

Tgt Ion: 136 Resp: 94804

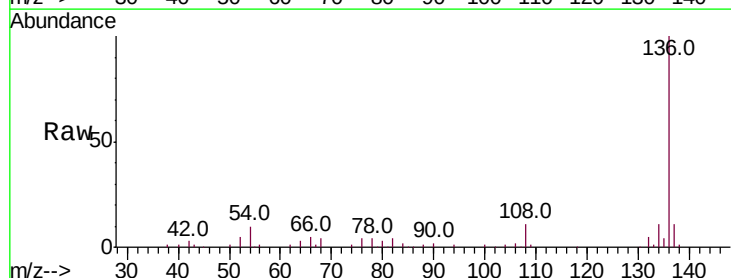
Ion Ratio Lower Upper

136 100

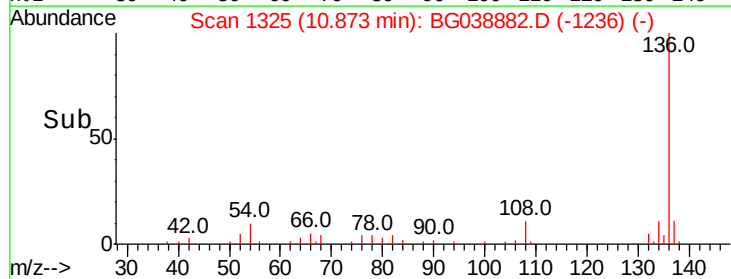
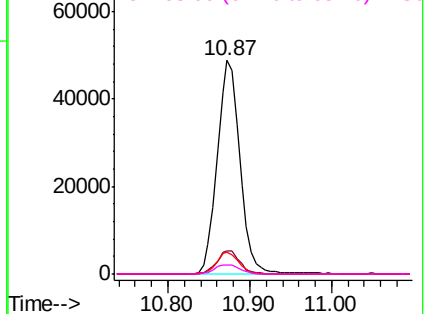
137 10.9 9.3 13.9

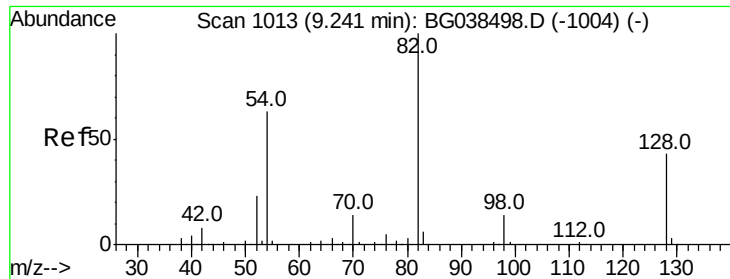
54 10.0 8.5 12.7

68 4.3 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

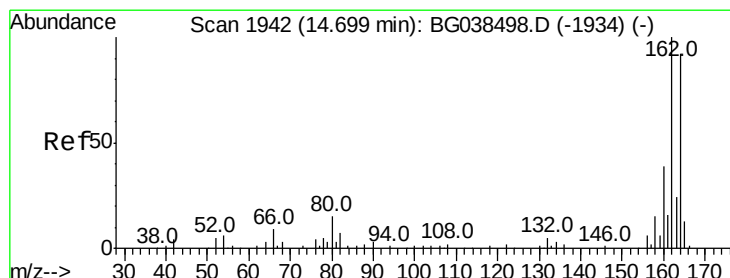
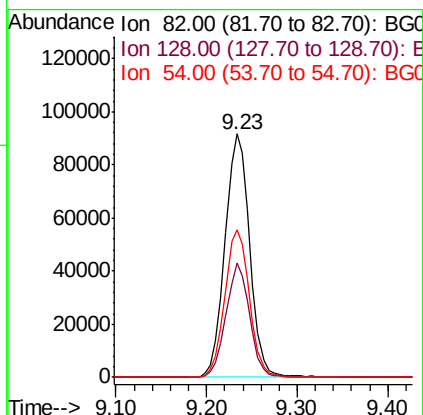
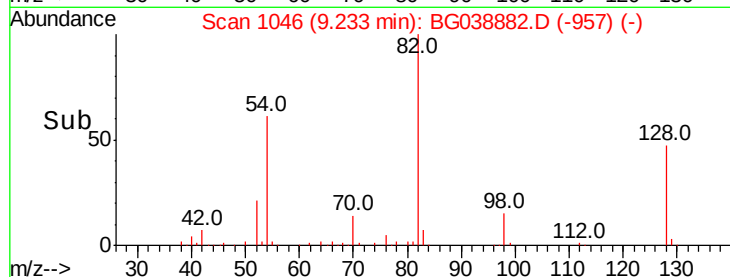
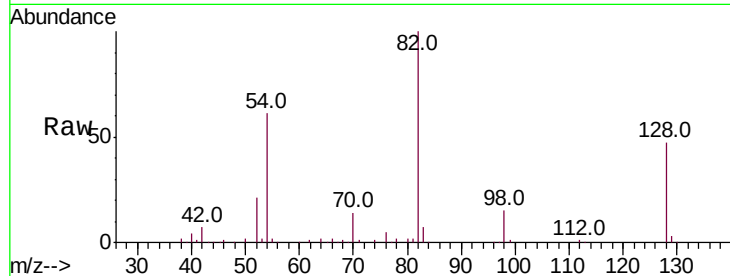




#23
Nitrobenzene-d5
Concen: 93.330 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038882.D
Acq: 28 Dec 2018 20:29

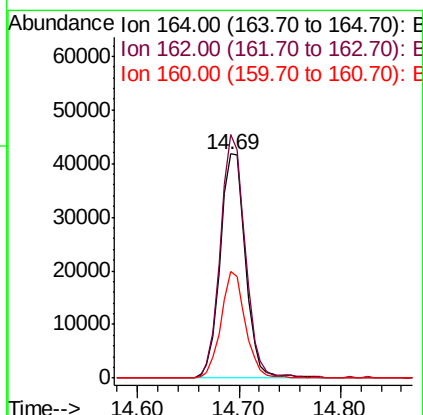
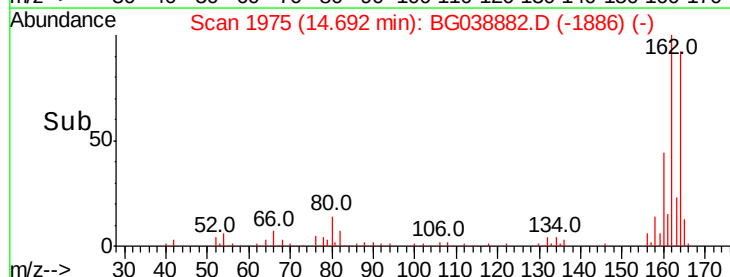
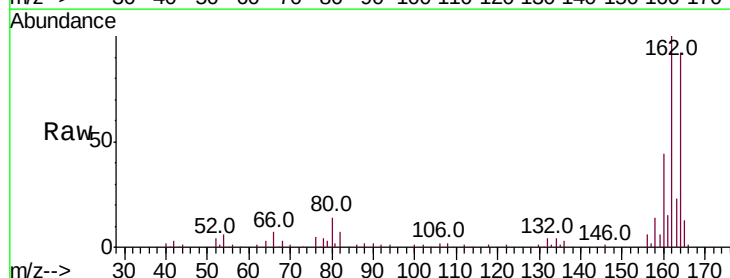
Instrument :
BNA_G
ClientSampleId :
CL-02-122718-B

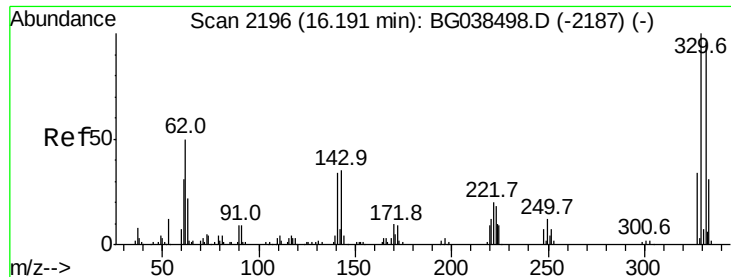
Tot Ion: 82 Resp: 173196
Ion Ratio Lower Upper
82 100
128 46.7 34.6 52.0
54 60.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038882.D
Acq: 28 Dec 2018 20:29

Tgt Ion: 164 Resp: 72517
Ion Ratio Lower Upper
164 100
162 108.5 86.6 130.0
160 47.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 146.069 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038882.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_G

ClientSampleId :

CL-02-122718-B

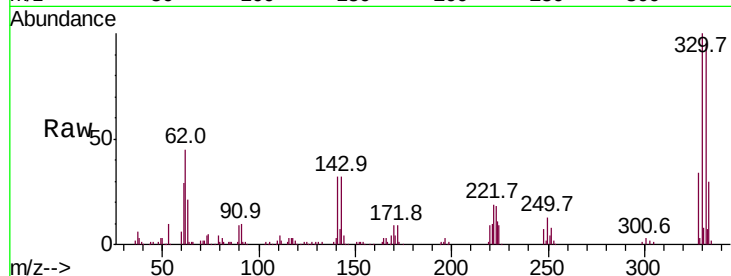
Tot Ion:330 Resp: 145984

Ion Ratio Lower Upper

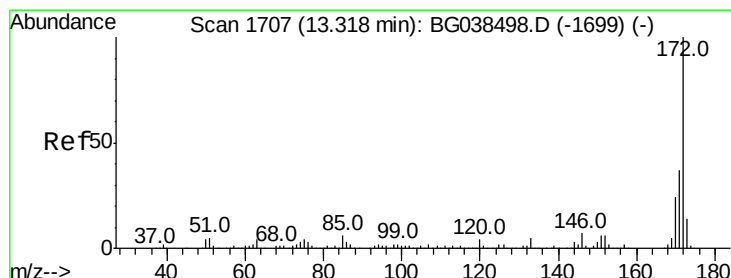
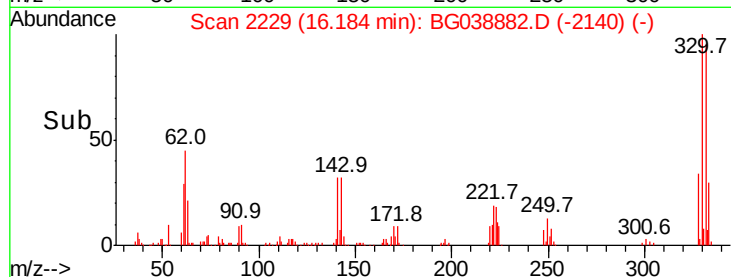
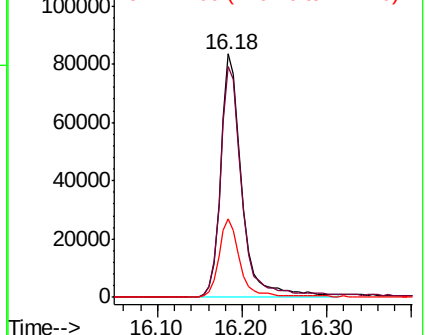
330 100

332 94.4 76.9 115.3

141 32.2 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: 95.386 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038882.D

Acq: 28 Dec 2018 20:29

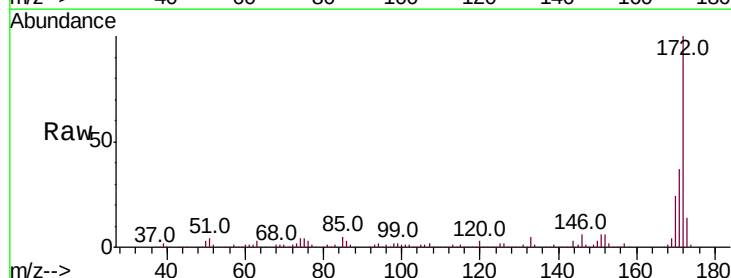
Tgt Ion:172 Resp: 504219

Ion Ratio Lower Upper

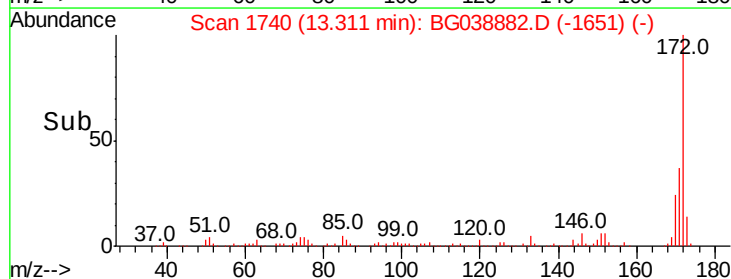
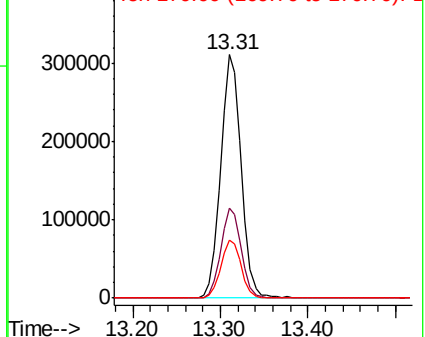
172 100

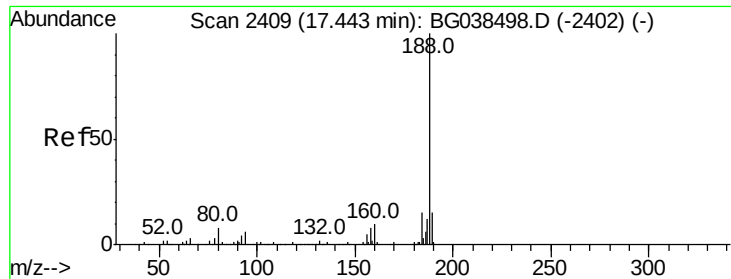
171 36.8 29.8 44.6

170 24.0 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: BG038882.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_G

ClientSampleId :

CL-02-122718-B

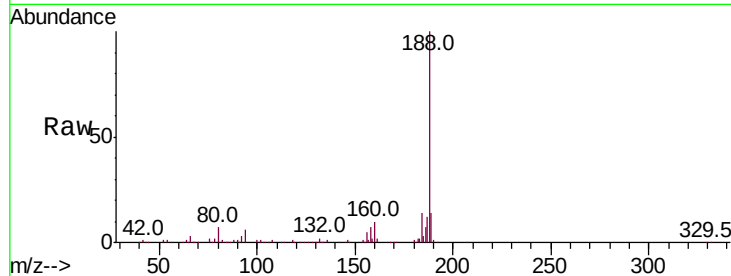
Tot Ion:188 Resp: 182740

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

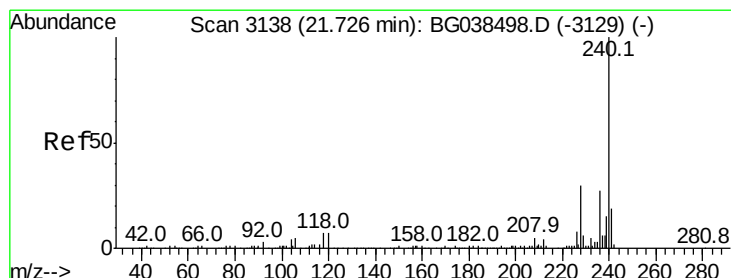
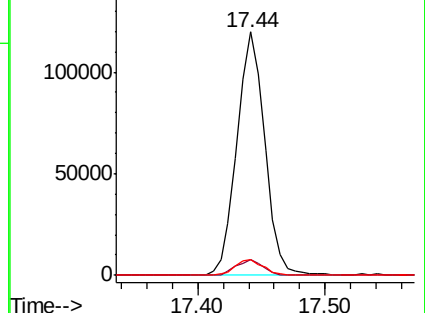
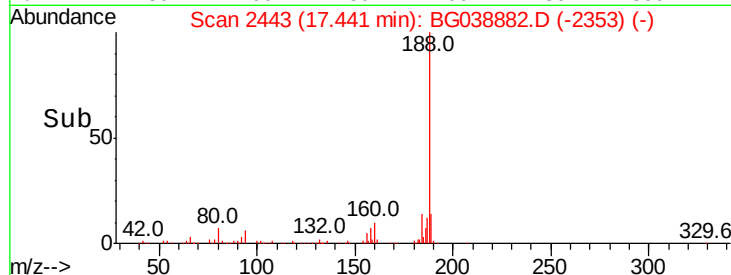
80 6.7 6.1 9.1



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: BG038882.D

Acq: 28 Dec 2018 20:29

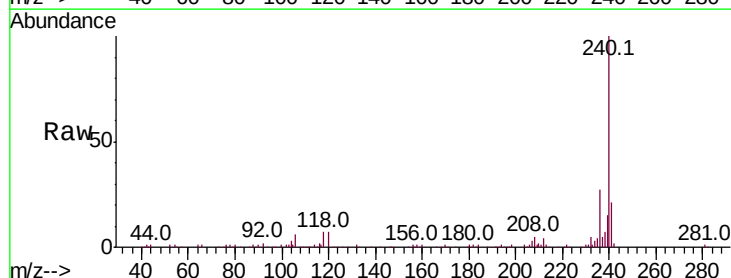
Tgt Ion:240 Resp: 189359

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

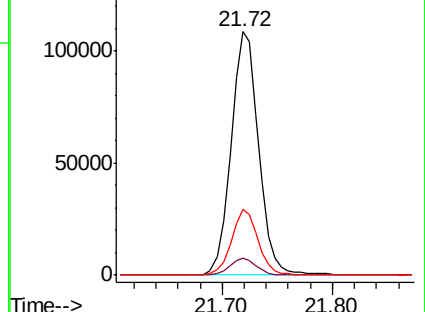
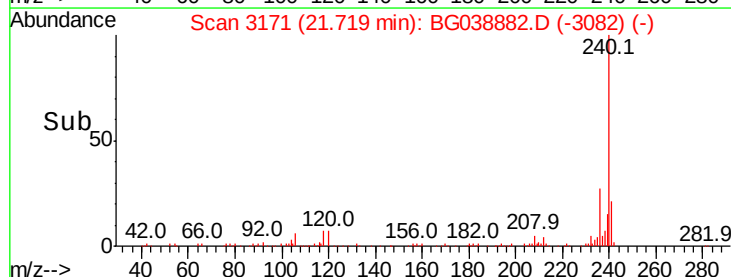
236 26.7 21.4 32.2

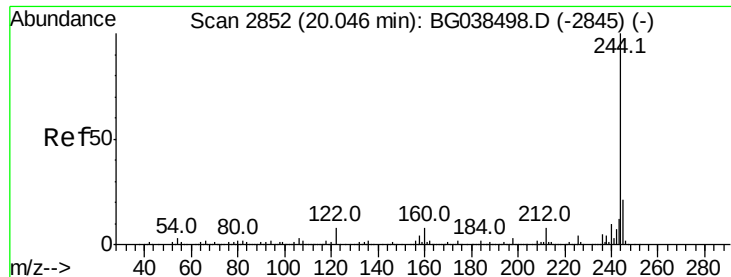


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.107 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038882.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_G

ClientSampleId :

CL-02-122718-B

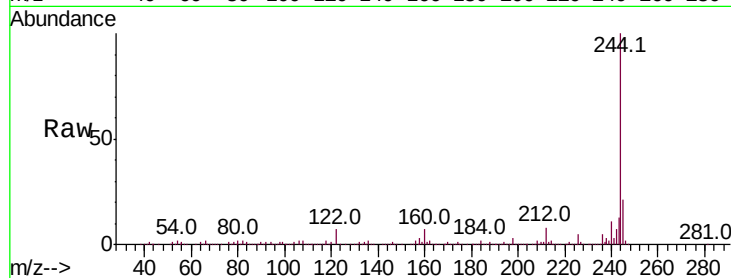
Tot Ion:244 Resp: 949324

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

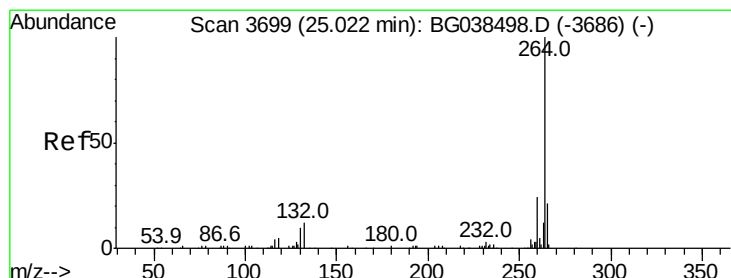
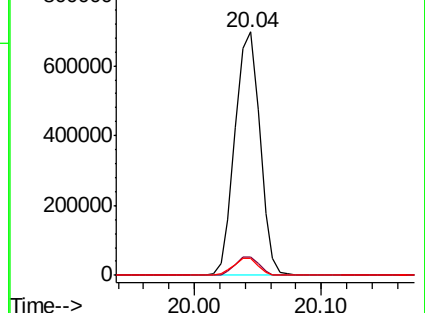
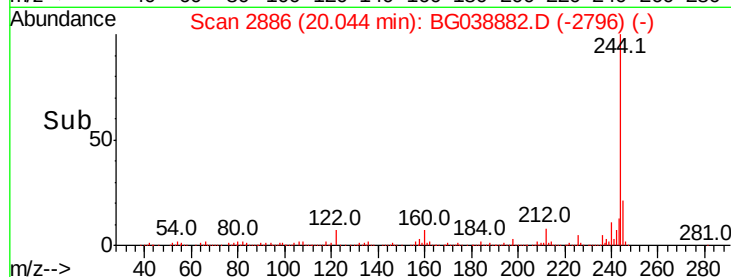
122 6.8 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038882.D

Acq: 28 Dec 2018 20:29

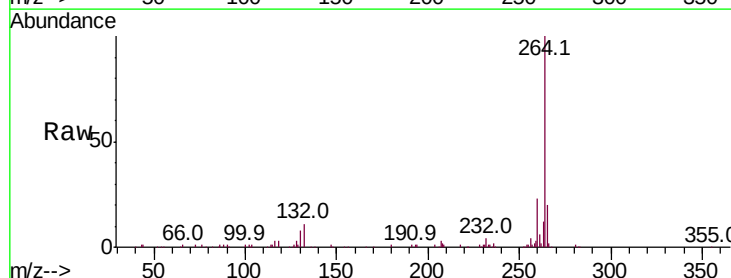
Tgt Ion:264 Resp: 199833

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 20.0 17.0 25.4



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

