

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
 Data File : BG038774.D
 Acq On : 20 Dec 2018 22:50
 Operator : JU/SJ
 Sample : J6475-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE

Quant Time: Dec 21 01:04:29 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	27493	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	104589	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	71068	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	175795	20.00	ng	0.00
76) Chrysene-d12	21.72	240	180087	20.00	ng	0.00
87) Perylene-d12	25.02	264	186849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203453	131.25	ng	0.00
7) Phenol-d6	7.21	99	244125	114.72	ng	0.00
23) Nitrobenzene-d5	9.24	82	197612	96.52	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	159179	162.52	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	512126	98.86	ng	0.00
79) Terphenyl-d14	20.05	244	959872	116.00	ng	0.00

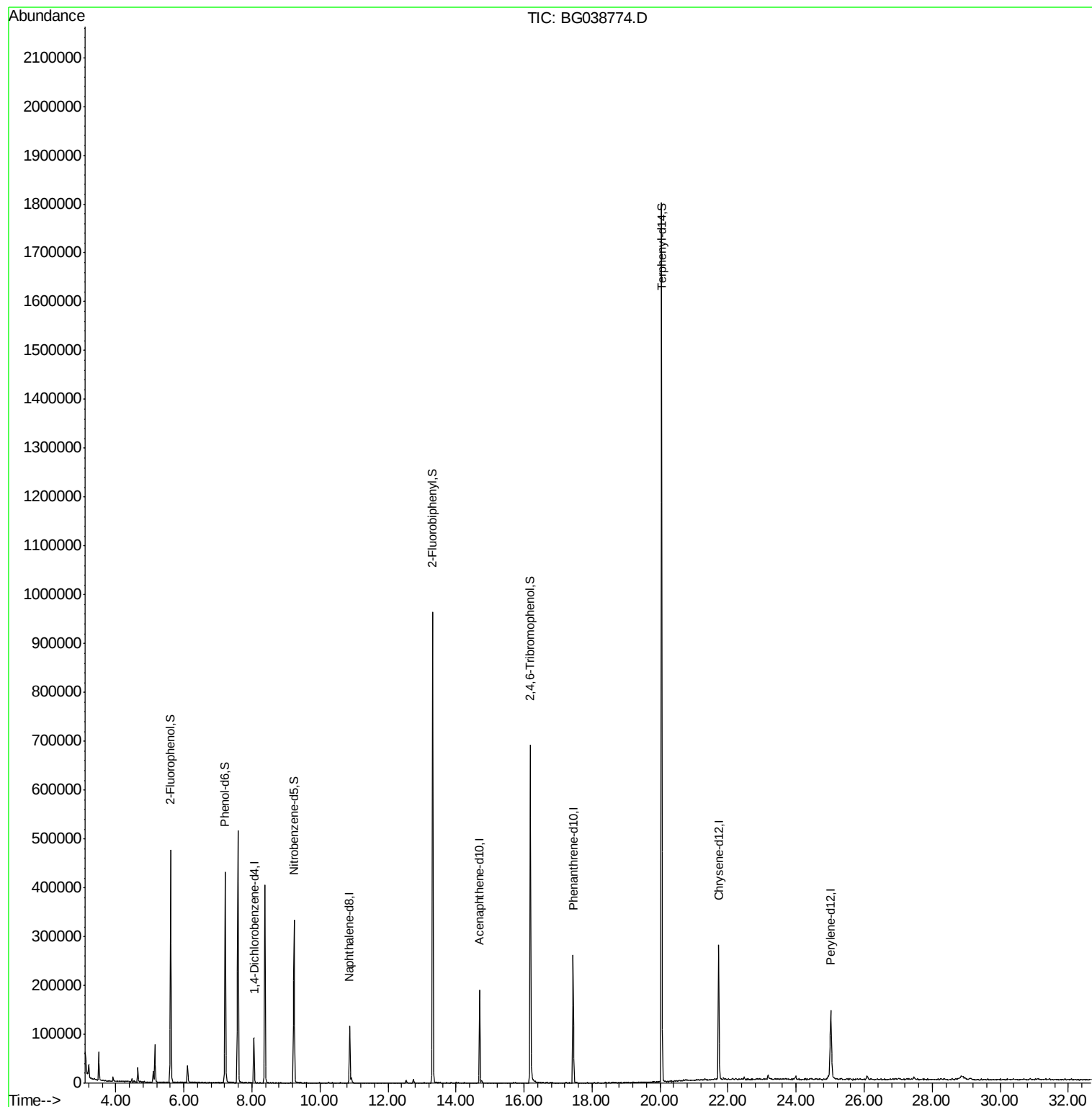
Target Compounds Qvalue

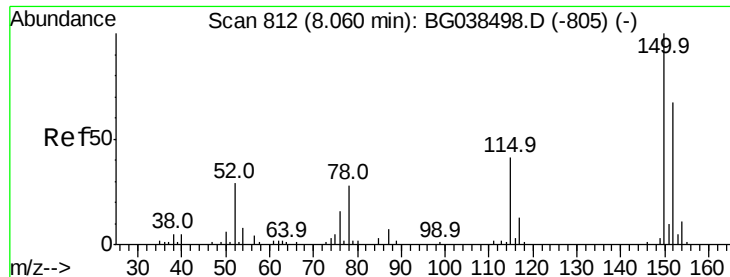
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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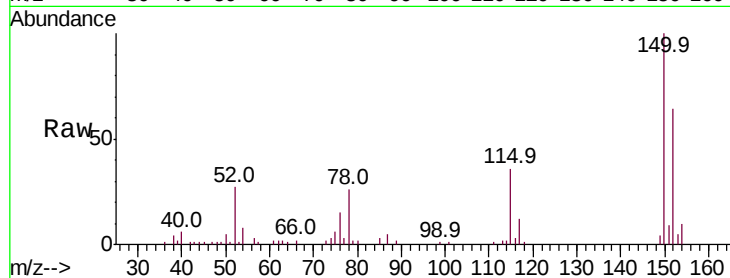


#1

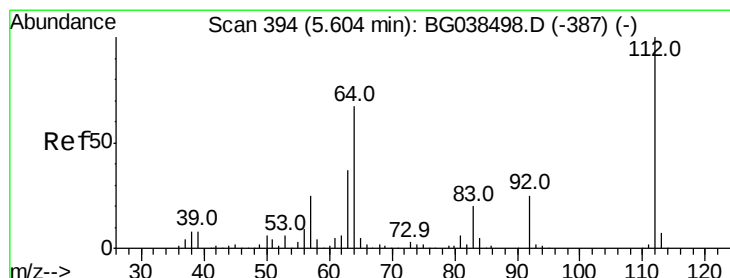
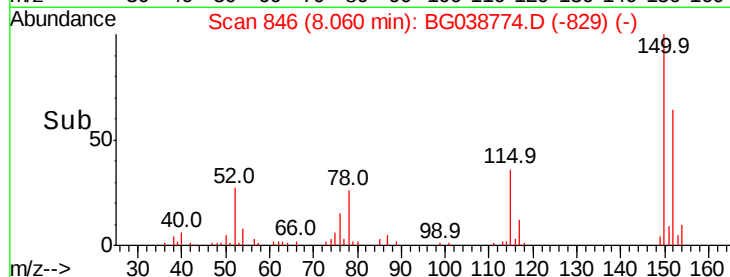
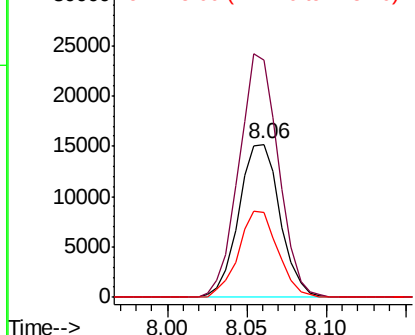
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038774.D
Acq: 20 Dec 2018 22:50

Instrument :
BNA_G
ClientSampleId :
SLUDGE

Tot Ion:152 Resp: 27493
Ion Ratio Lower Upper
152 100
150 155.6 119.5 179.3
115 55.7 49.6 74.4



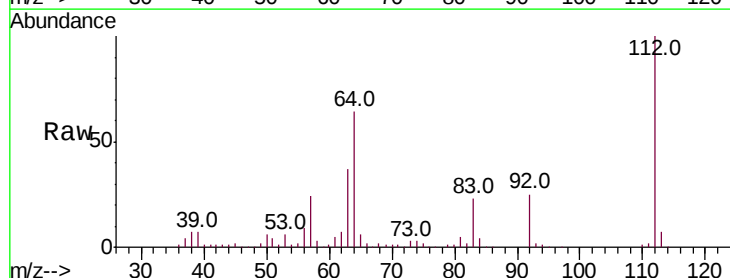
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



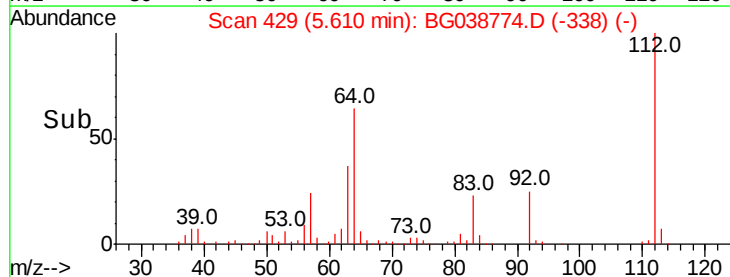
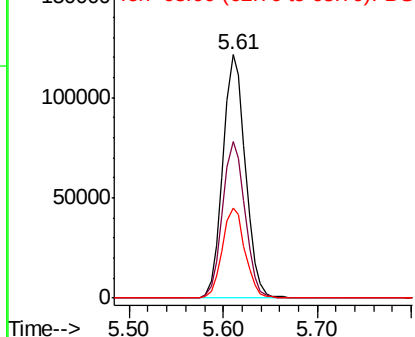
#5

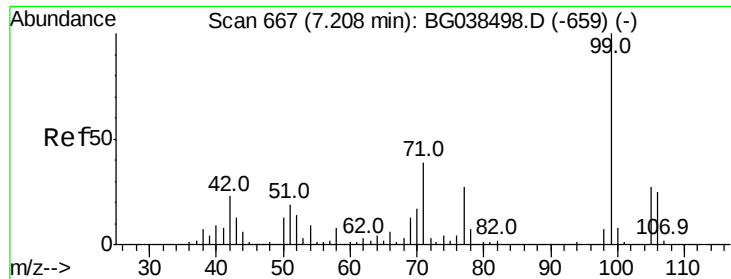
2-Fluorophenol
Concen: 131.253 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038774.D
Acq: 20 Dec 2018 22:50

Tgt Ion:112 Resp: 203453
Ion Ratio Lower Upper
112 100
64 64.2 53.4 80.2
63 37.2 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: 114.723 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038774.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_G

ClientSampleId :

SLUDGE

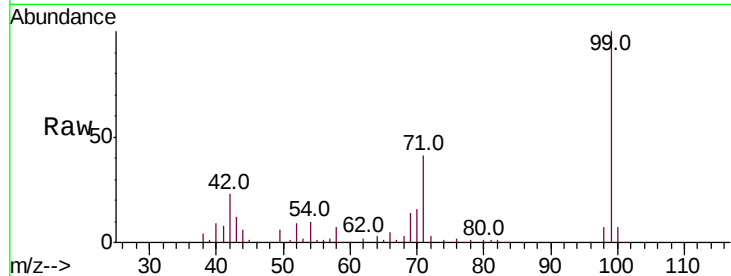
Tot Ion: 99 Resp: 244125

Ion Ratio Lower Upper

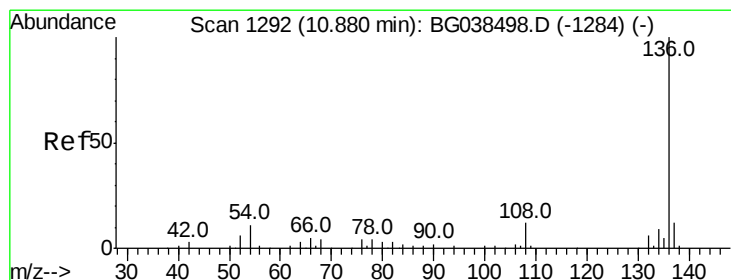
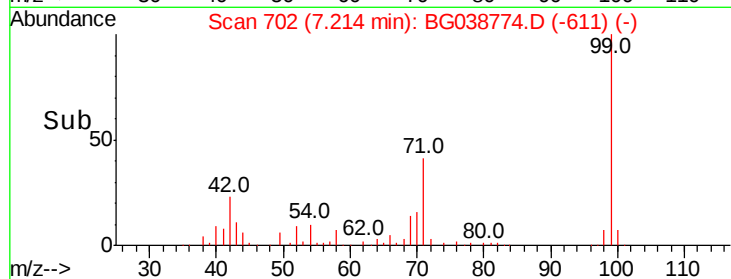
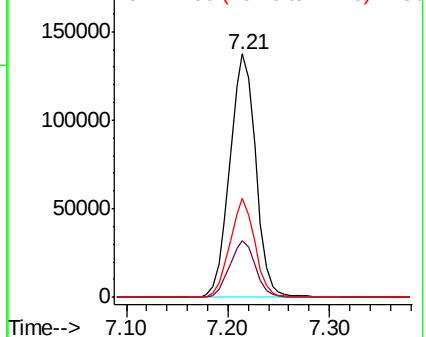
99 100

42 23.5 18.5 27.7

71 40.9 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: BG038774.D

Acq: 20 Dec 2018 22:50

Tgt Ion: 136 Resp: 104589

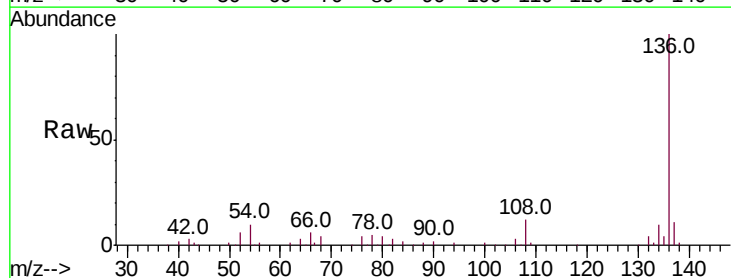
Ion Ratio Lower Upper

136 100

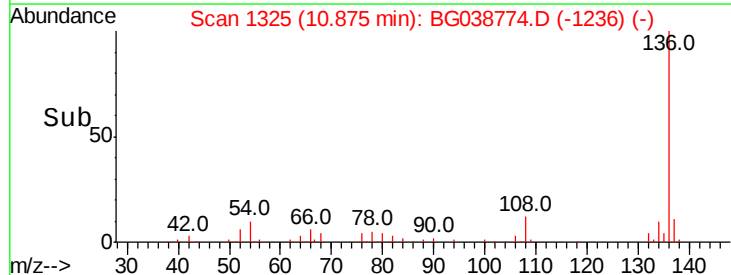
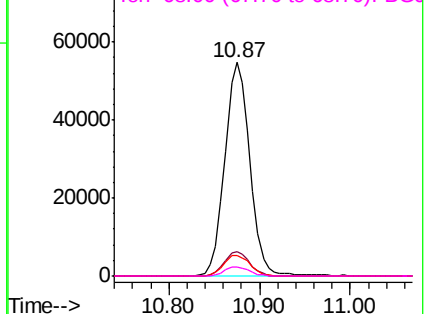
137 11.4 9.3 13.9

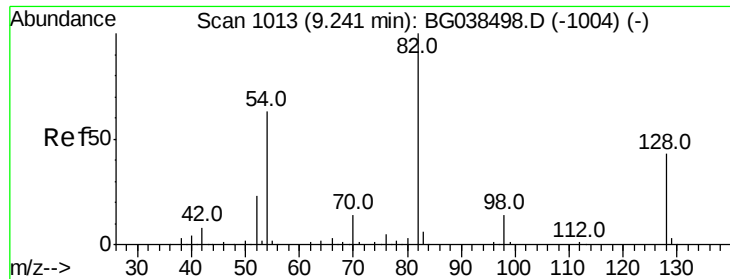
54 9.7 8.5 12.7

68 4.4 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

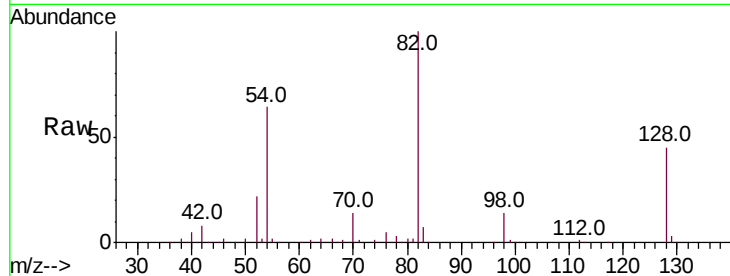




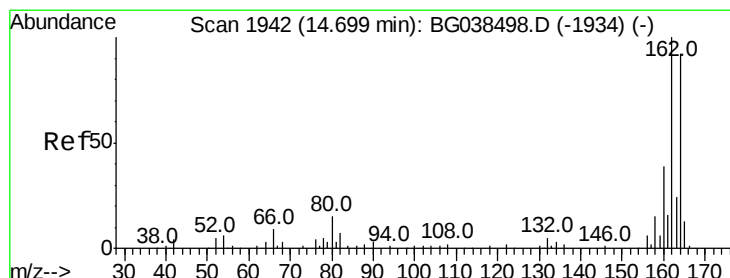
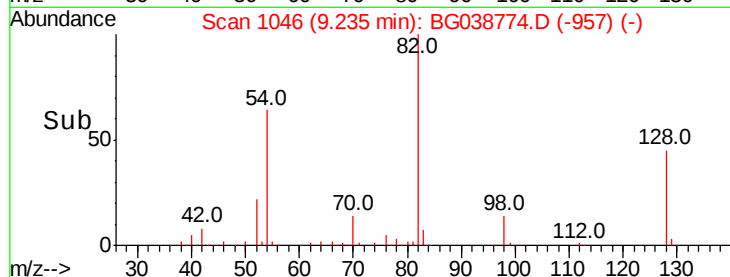
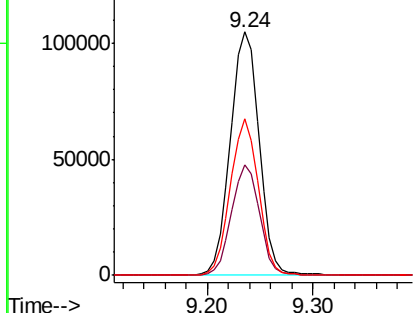
#23
 Nitrobenzene-d5
 Concen: 96.525 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038774.D
 Acq: 20 Dec 2018 22:50

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE

Tot Ion: 82 Resp: 197612
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 64.1 50.6 76.0

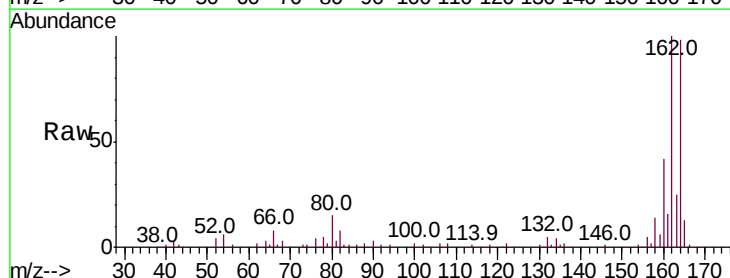


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

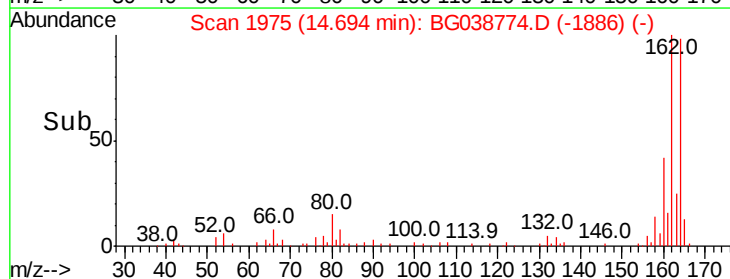
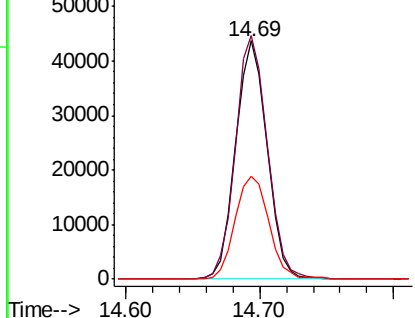


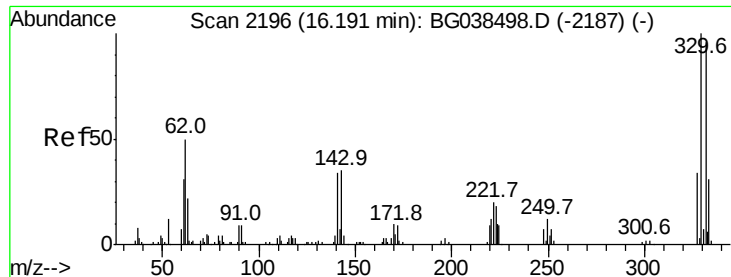
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038774.D
 Acq: 20 Dec 2018 22:50

Tgt Ion:164 Resp: 71068
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.6 130.0
 160 43.3 34.2 51.2



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





#42

2,4,6-Tribromophenol

Concen: 162.520 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038774.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_G

ClientSampleId :

SLUDGE

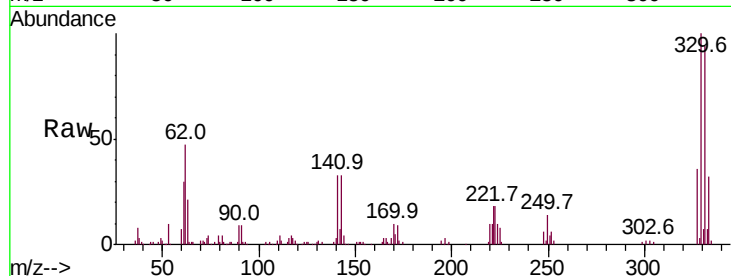
Tot Ion:330 Resp: 159179

Ion Ratio Lower Upper

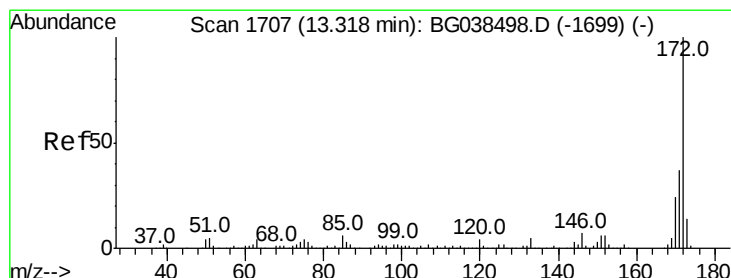
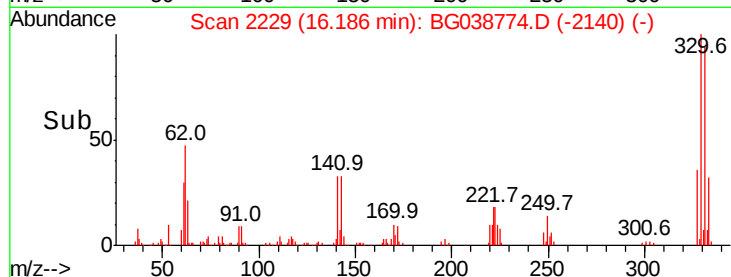
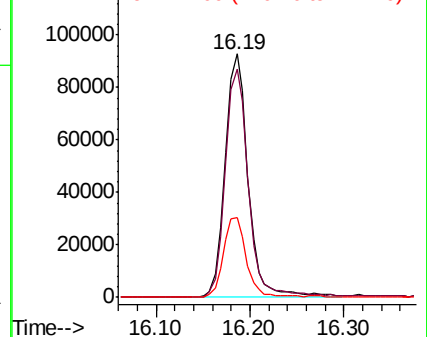
330 100

332 93.9 76.9 115.3

141 32.7 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: 98.857 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038774.D

Acq: 20 Dec 2018 22:50

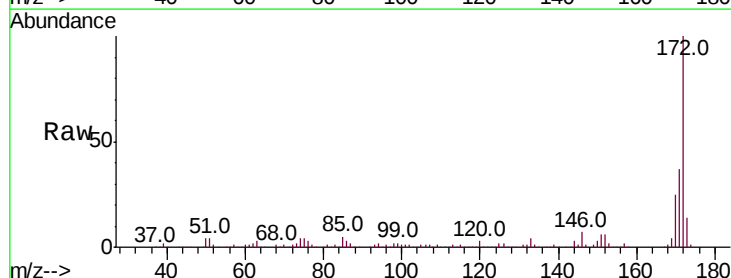
Tgt Ion:172 Resp: 512126

Ion Ratio Lower Upper

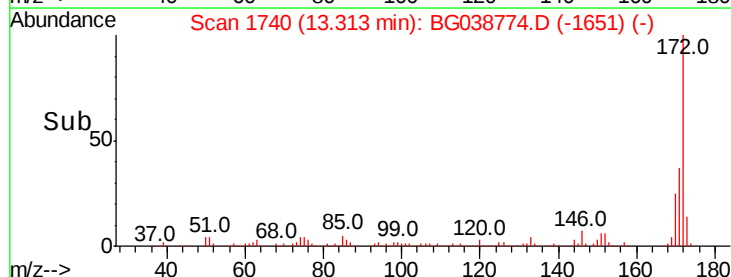
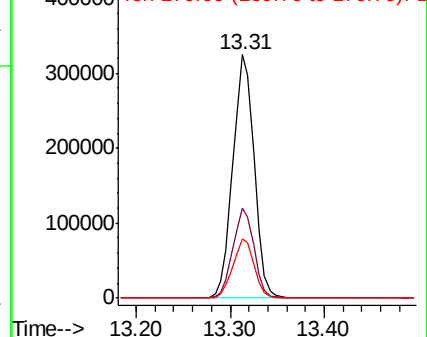
172 100

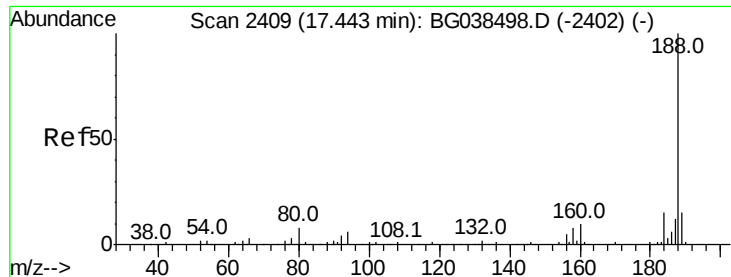
171 36.8 29.8 44.6

170 24.5 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: BG038774.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_G

ClientSampleId :

SLUDGE

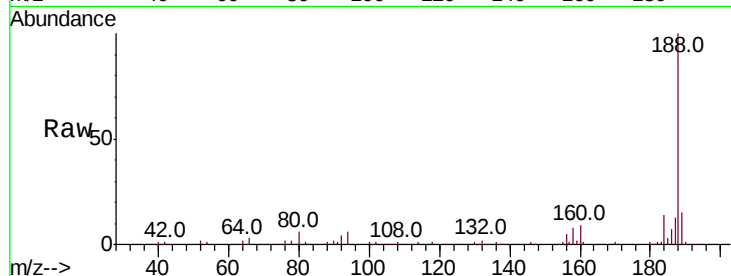
Tot Ion:188 Resp: 175795

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

80 6.2 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

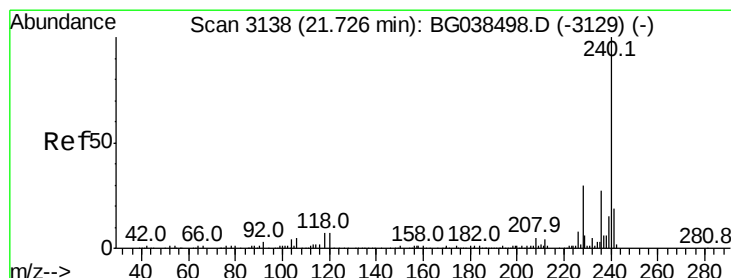
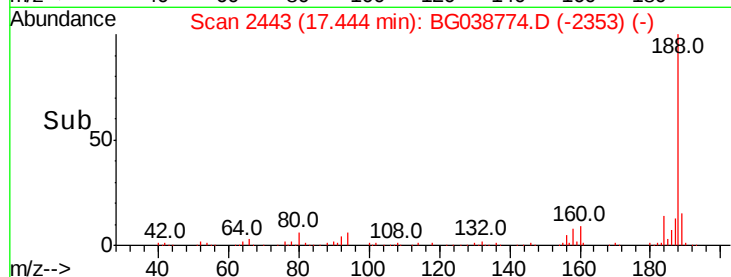
17.44

100000

50000

0

Time--> 17.35 17.40 17.45 17.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038774.D

Acq: 20 Dec 2018 22:50

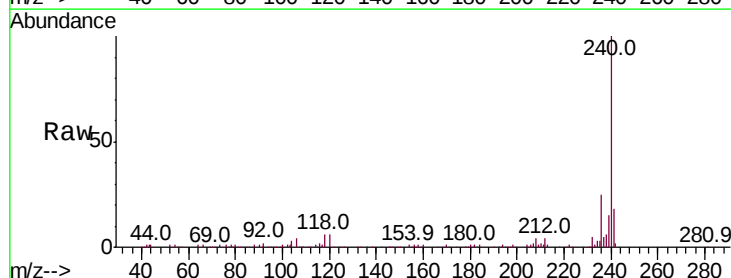
Tgt Ion:240 Resp: 180087

Ion Ratio Lower Upper

240 100

120 5.9 5.3 7.9

236 25.3 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

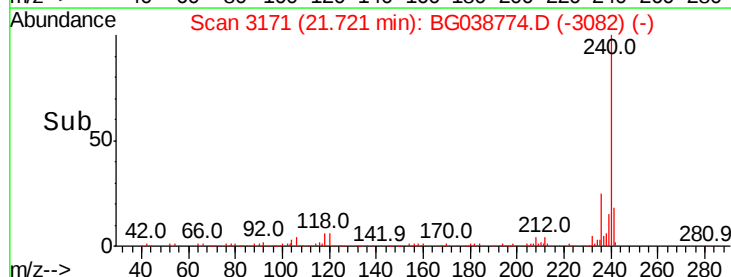
21.72

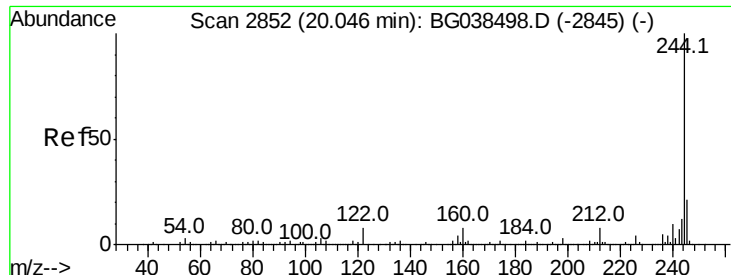
100000

50000

0

Time--> 21.60 21.70 21.80 21.90





#79

Terphenyl-d14

Concen: 116.000 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038774.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_G

ClientSampleId :

SLUDGE

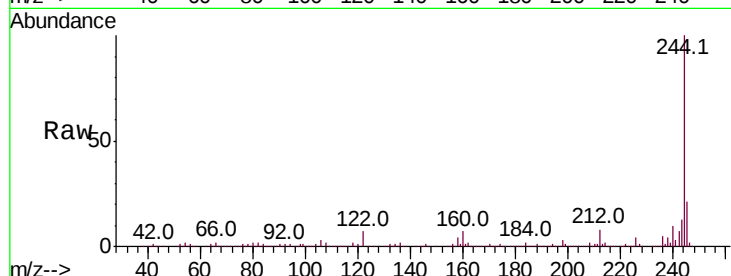
Tot Ion:244 Resp: 959872

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

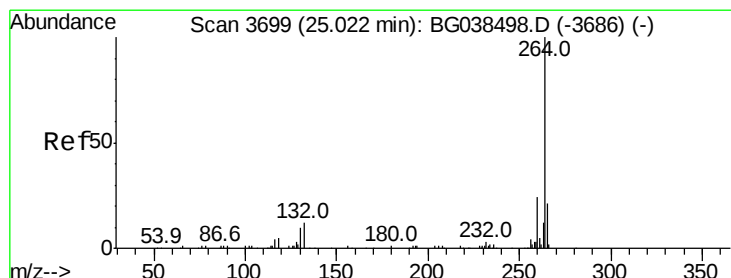
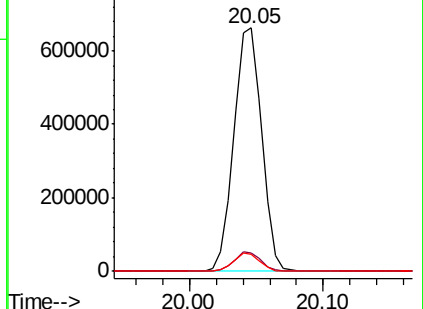
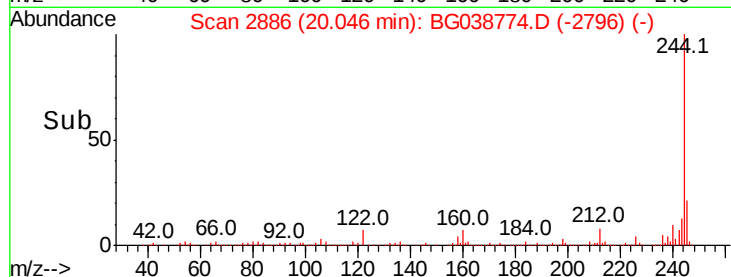
122 7.0 6.3 9.5



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: BG038774.D

Acq: 20 Dec 2018 22:50

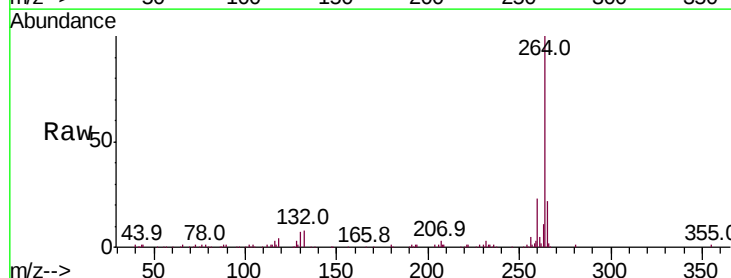
Tgt Ion:264 Resp: 186849

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.1 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

