

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038615.D
 Acq On : 15 Dec 2018 22:06
 Operator : JU/SJ
 Sample : J6347-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181210

Quant Time: Dec 16 04:09:36 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	23822	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	96985	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	64274	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	161579	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165118	20.00	ng	0.00
87) Perylene-d12	25.01	264	172026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	71374	53.14	ng	0.00
7) Phenol-d6	7.21	99	66891	36.28	ng	0.00
23) Nitrobenzene-d5	9.24	82	107590	56.67	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	70167	79.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	256170	54.68	ng	0.00
79) Terphenyl-d14	20.04	244	491629	64.80	ng	0.00

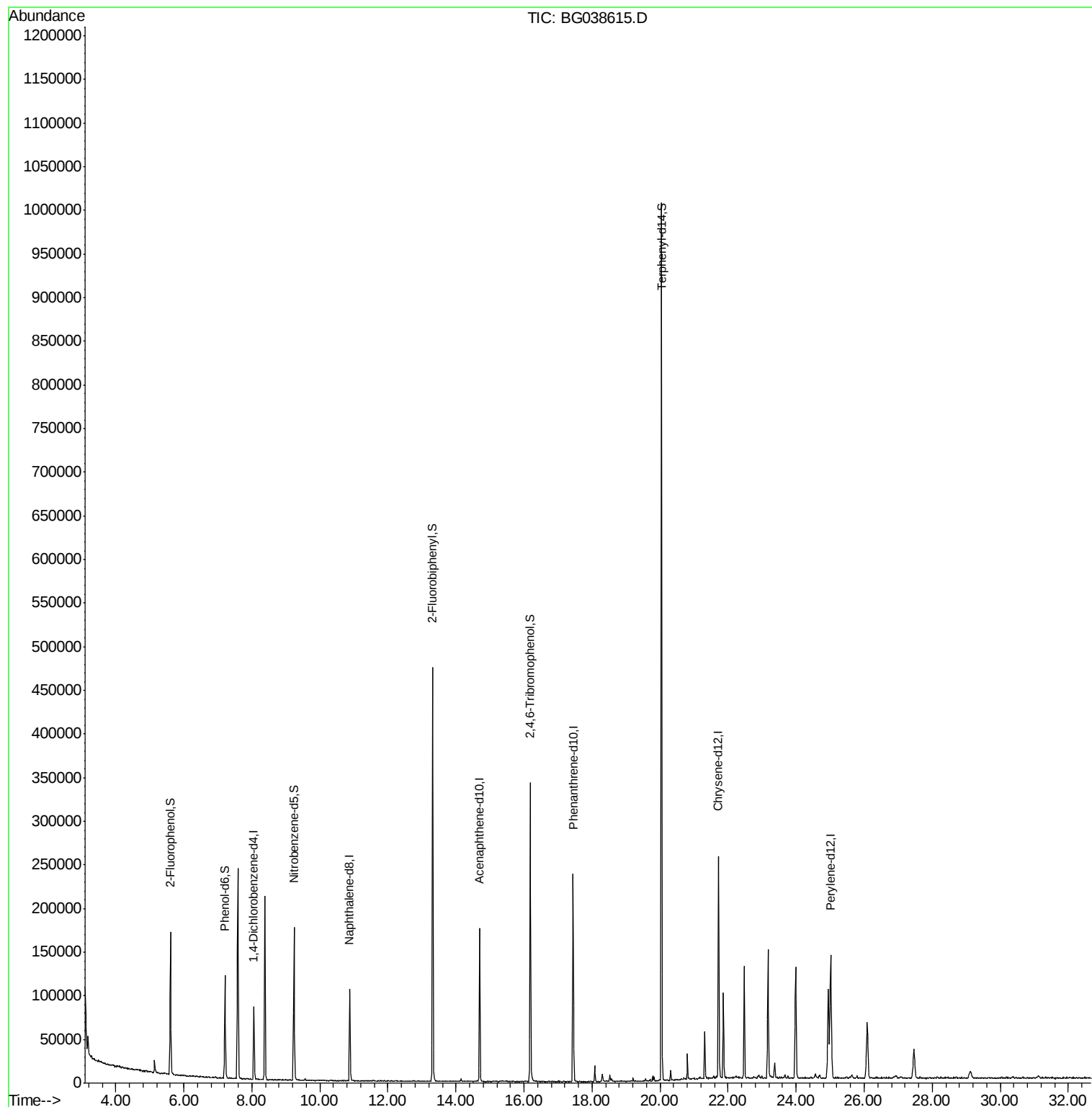
Target Compounds Qvalue

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

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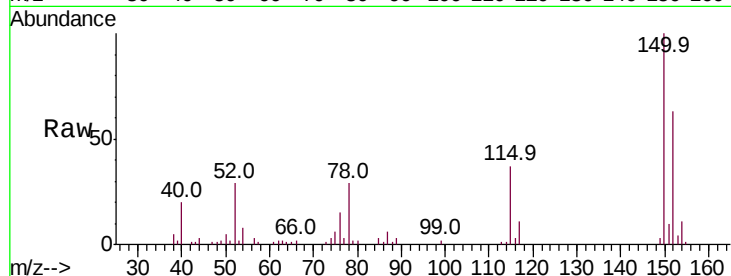


#1

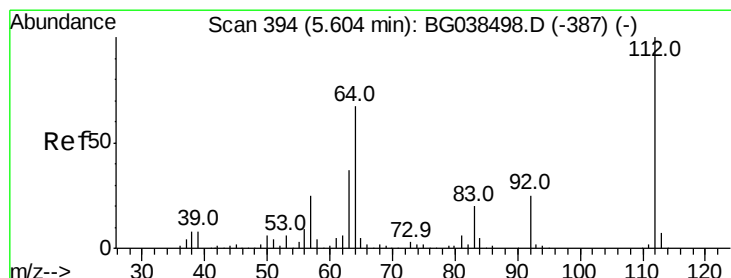
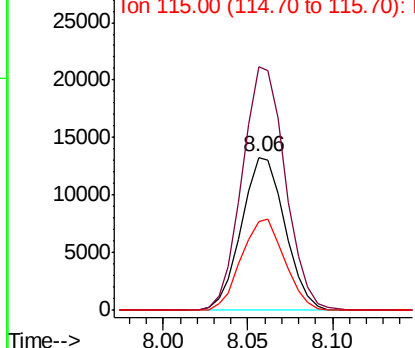
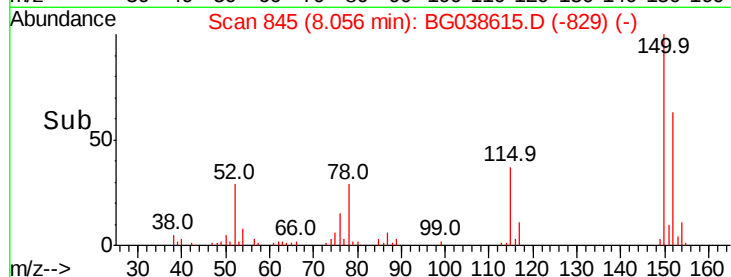
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038615.D
Acq: 15 Dec 2018 22:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181210

Tot Ion:152 Resp: 23822
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 58.3 49.6 74.4



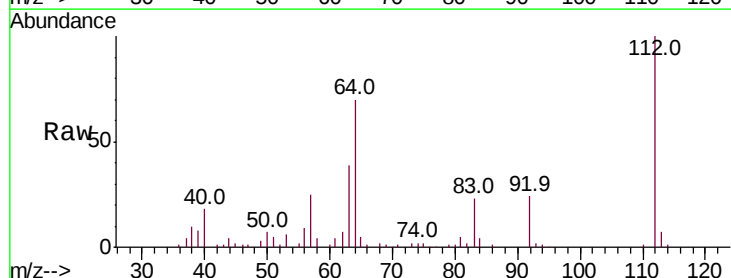
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



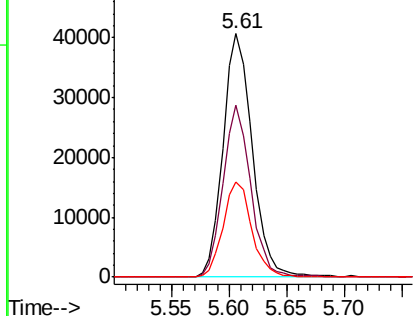
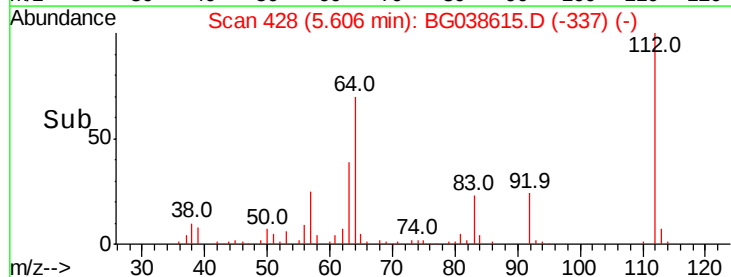
#5

2-Fluorophenol
Concen: 53.141 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038615.D
Acq: 15 Dec 2018 22:06

Tgt Ion:112 Resp: 71374
Ion Ratio Lower Upper
112 100
64 70.5 53.4 80.2
63 39.1 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: 36.278 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038615.D

Acq: 15 Dec 2018 22:06

Instrument :

BNA_G

ClientSampleId :

P001-RB-181210

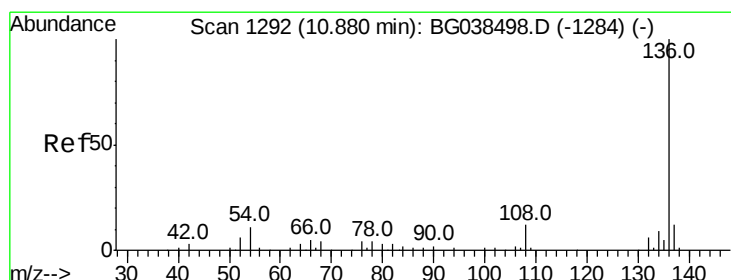
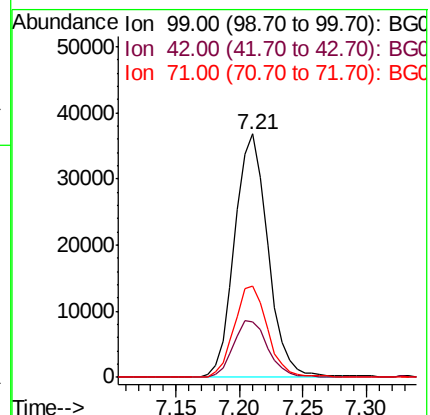
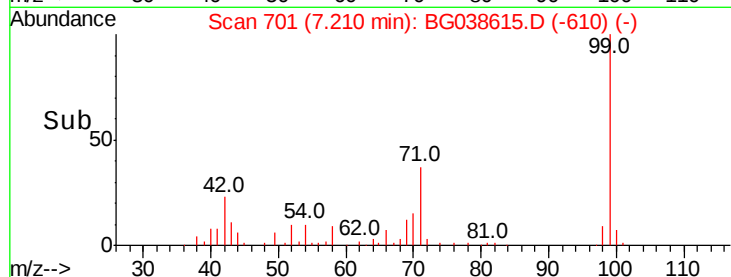
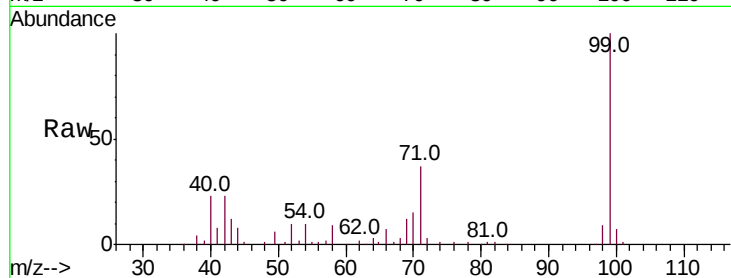
Tot Ion: 99 Resp: 66891

Ion Ratio Lower Upper

99 100

42 22.9 18.5 27.7

71 37.4 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038615.D

Acq: 15 Dec 2018 22:06

Tgt Ion: 136 Resp: 96985

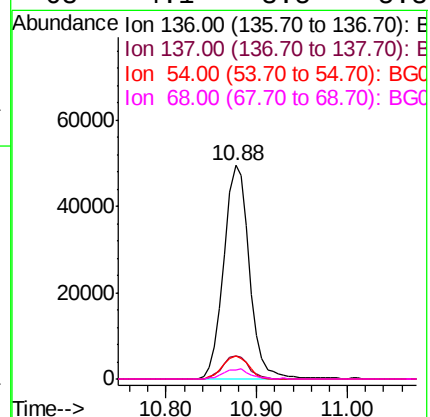
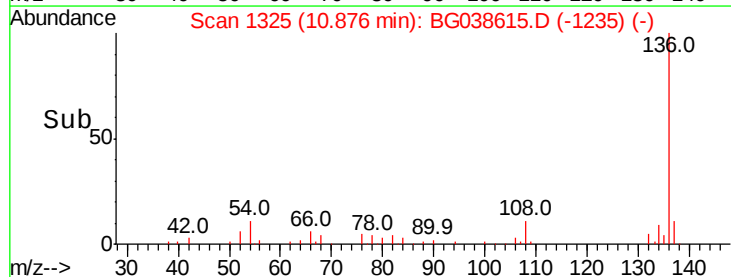
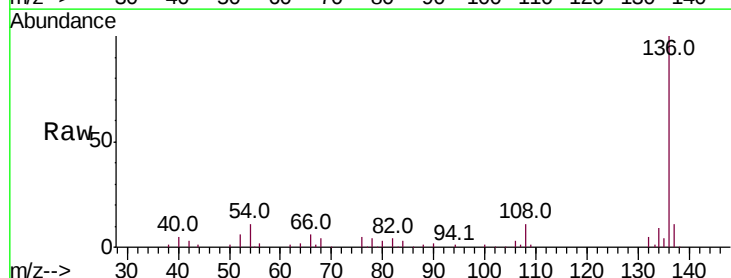
Ion Ratio Lower Upper

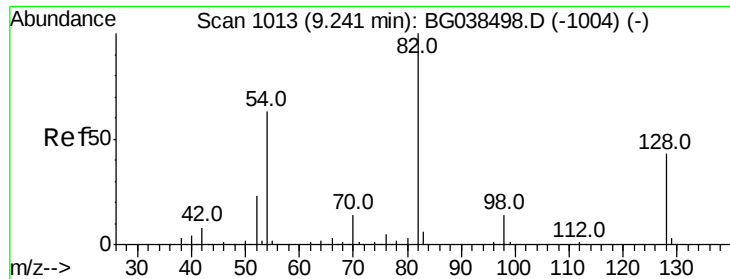
136 100

137 11.0 9.3 13.9

54 10.7 8.5 12.7

68 4.1 3.5 5.3

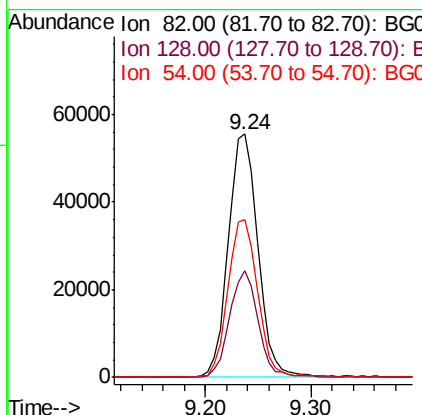
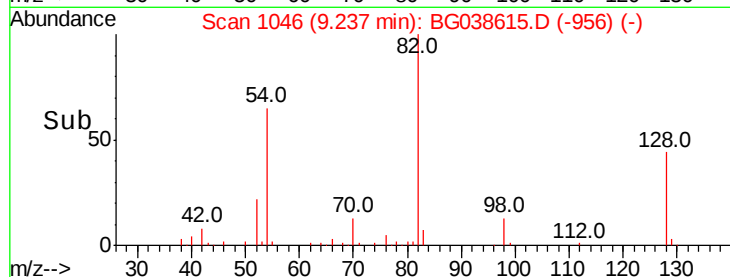
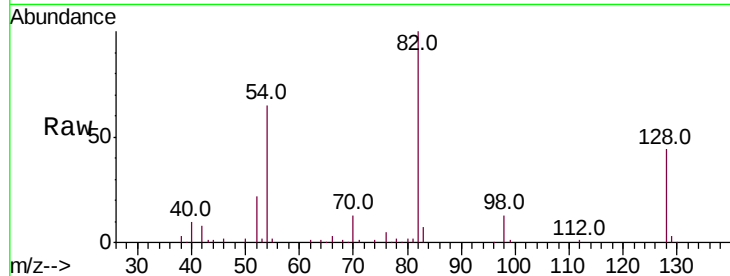




#23
 Nitrobenzene-d5
 Concen: 56.673 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038615.D
 Acq: 15 Dec 2018 22:06

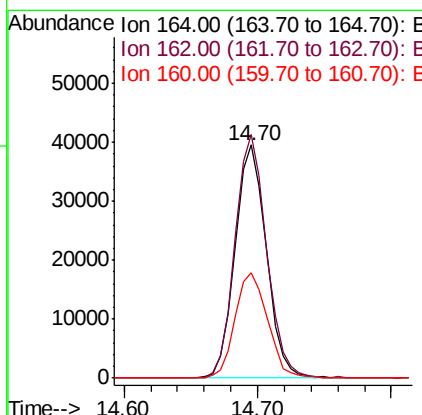
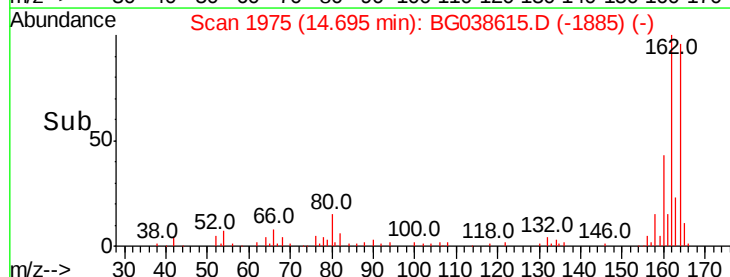
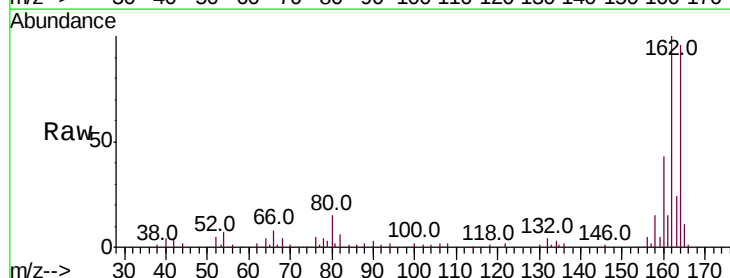
Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181210

Tot Ion: 82 Resp: 107590
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 64.7 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038615.D
 Acq: 15 Dec 2018 22:06

Tgt Ion:164 Resp: 64274
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.6 130.0
 160 45.4 34.2 51.2

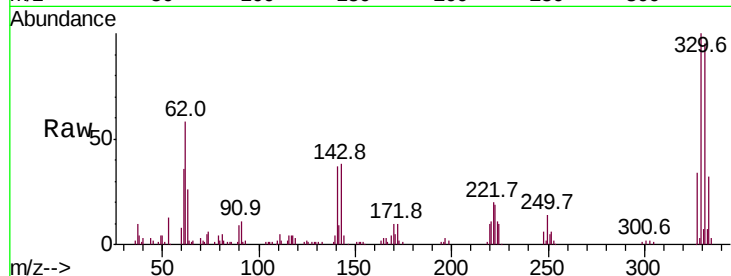




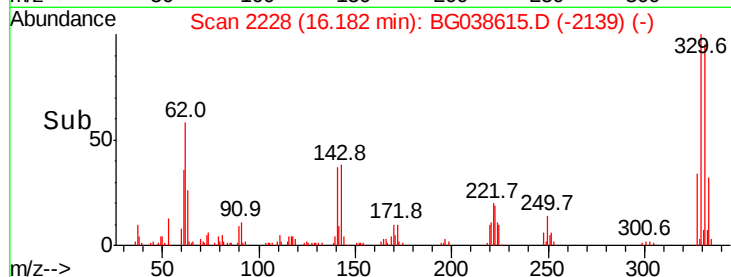
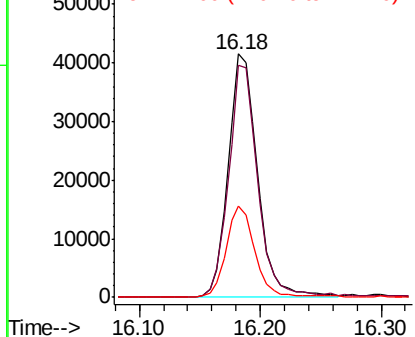
#42
 2,4,6-Tribromophenol
 Concen: 79.212 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038615.D
 Acq: 15 Dec 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181210

Tot Ion:330 Resp: 70167
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.9 115.3
 141 36.3 28.8 43.2

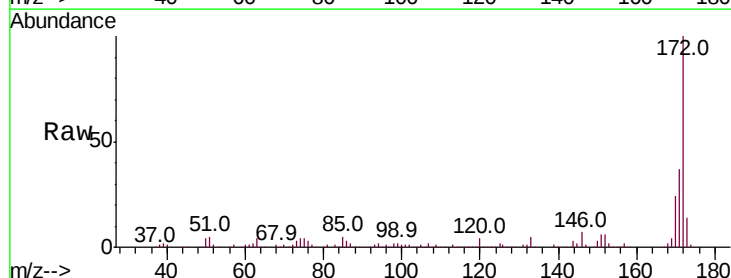


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

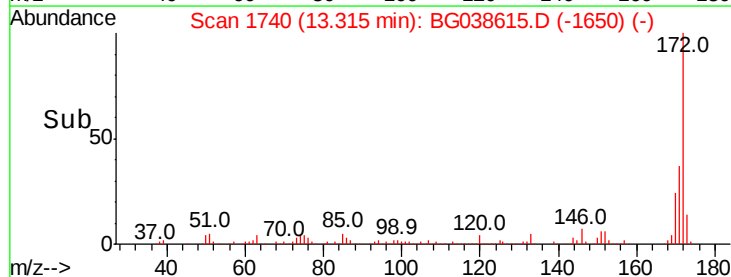
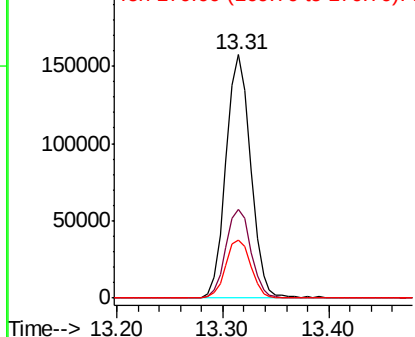


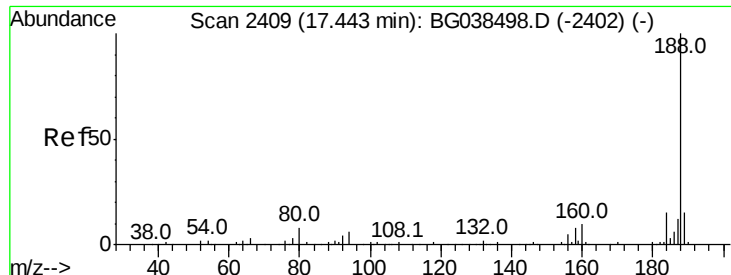
#45
 2-Fluorobiphenyl
 Concen: 54.676 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038615.D
 Acq: 15 Dec 2018 22:06

Tgt Ion:172 Resp: 256170
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 23.7 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

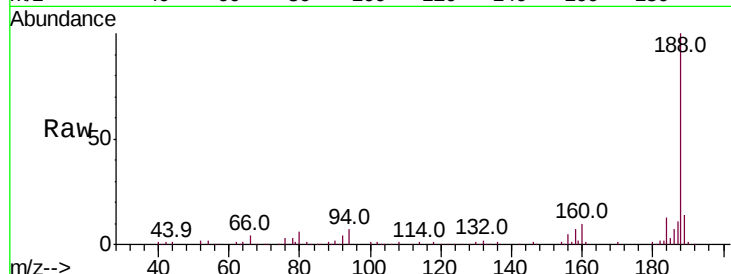




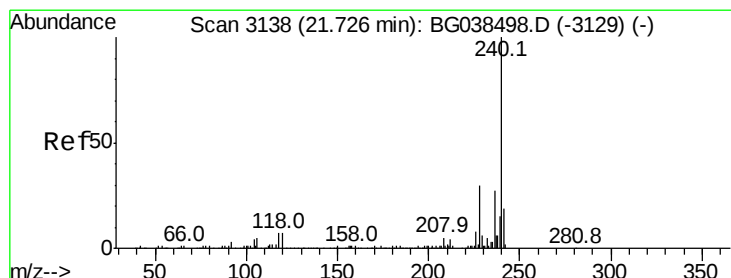
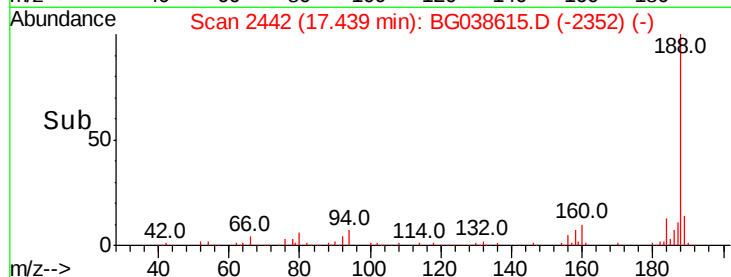
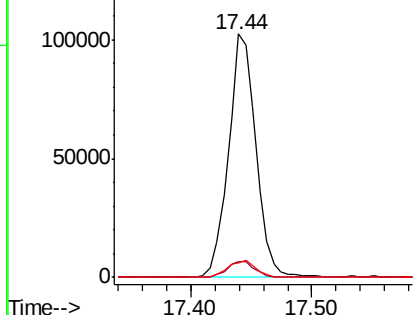
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038615.D
Acq: 15 Dec 2018 22:06

Instrument :
BNA_G
ClientSampleId :
P001-RB-181210

Tot Ion:188 Resp: 161579
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 5.9 6.1 9.1#

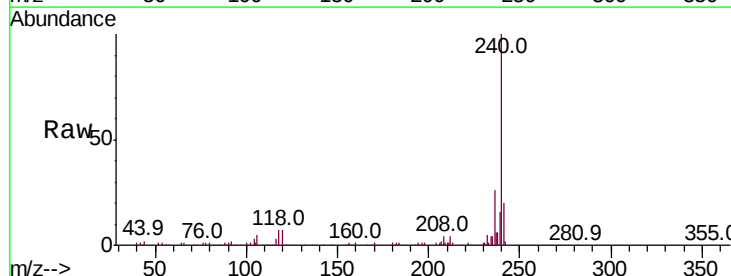


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

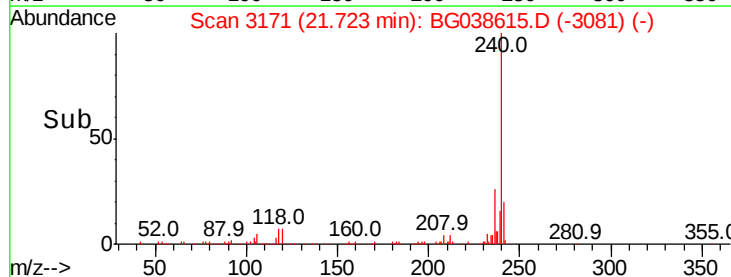
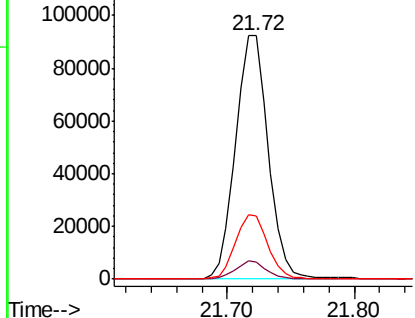


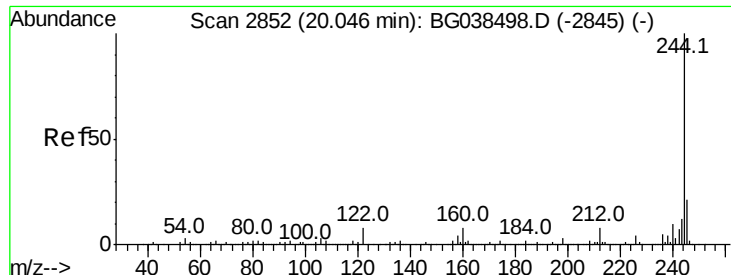
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038615.D
Acq: 15 Dec 2018 22:06

Tgt Ion:240 Resp: 165118
Ion Ratio Lower Upper
240 100
120 6.9 5.3 7.9
236 26.1 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: 64.799 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038615.D

Acq: 15 Dec 2018 22:06

Instrument :

BNA_G

ClientSampleId :

P001-RB-181210

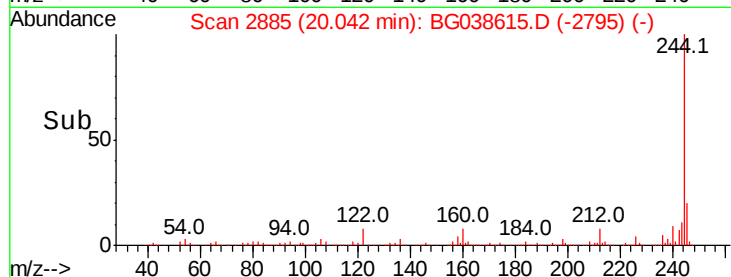
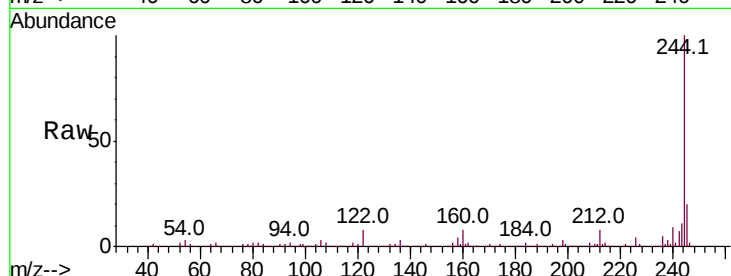
Tot Ion:244 Resp: 491629

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

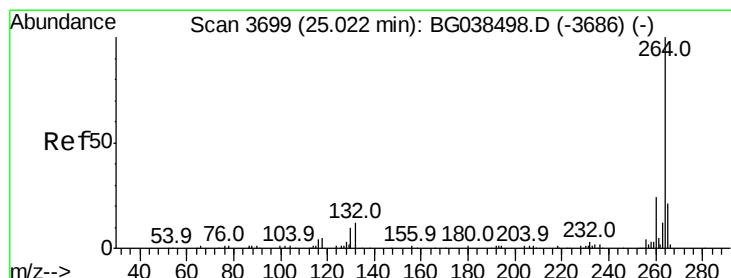
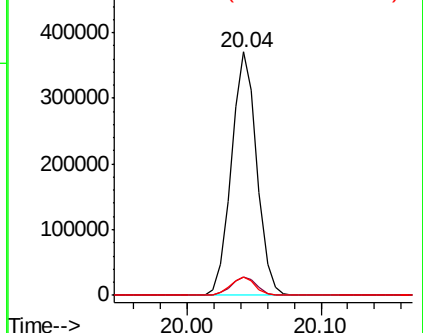
122 7.5 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038615.D

Acq: 15 Dec 2018 22:06

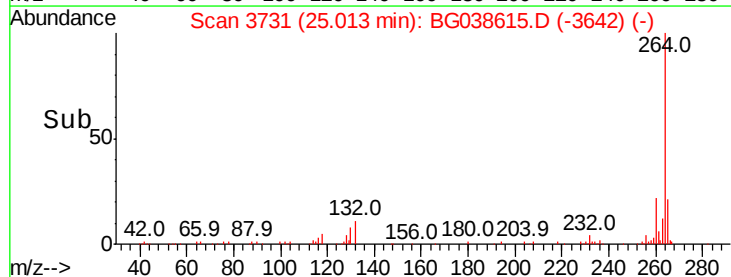
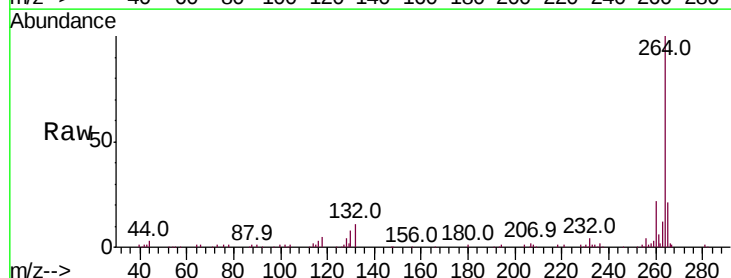
Tgt Ion:264 Resp: 172026

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 20.5 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

