

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038817.D
 Acq On : 22 Dec 2018 14:36
 Operator : JU/SJ
 Sample : J6192-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-122018

Quant Time: Dec 24 04:17:12 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	27880	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	115139	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79375	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	182537	20.00	ng	0.00
76) Chrysene-d12	21.73	240	171233	20.00	ng	0.00
87) Perylene-d12	25.03	264	178721	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	199914	127.18	ng	0.01
7) Phenol-d6	7.22	99	255026	118.18	ng	0.01
23) Nitrobenzene-d5	9.24	82	201443	89.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	138386	126.50	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	552304	95.46	ng	0.00
79) Terphenyl-d14	20.04	244	862201	109.58	ng	0.00

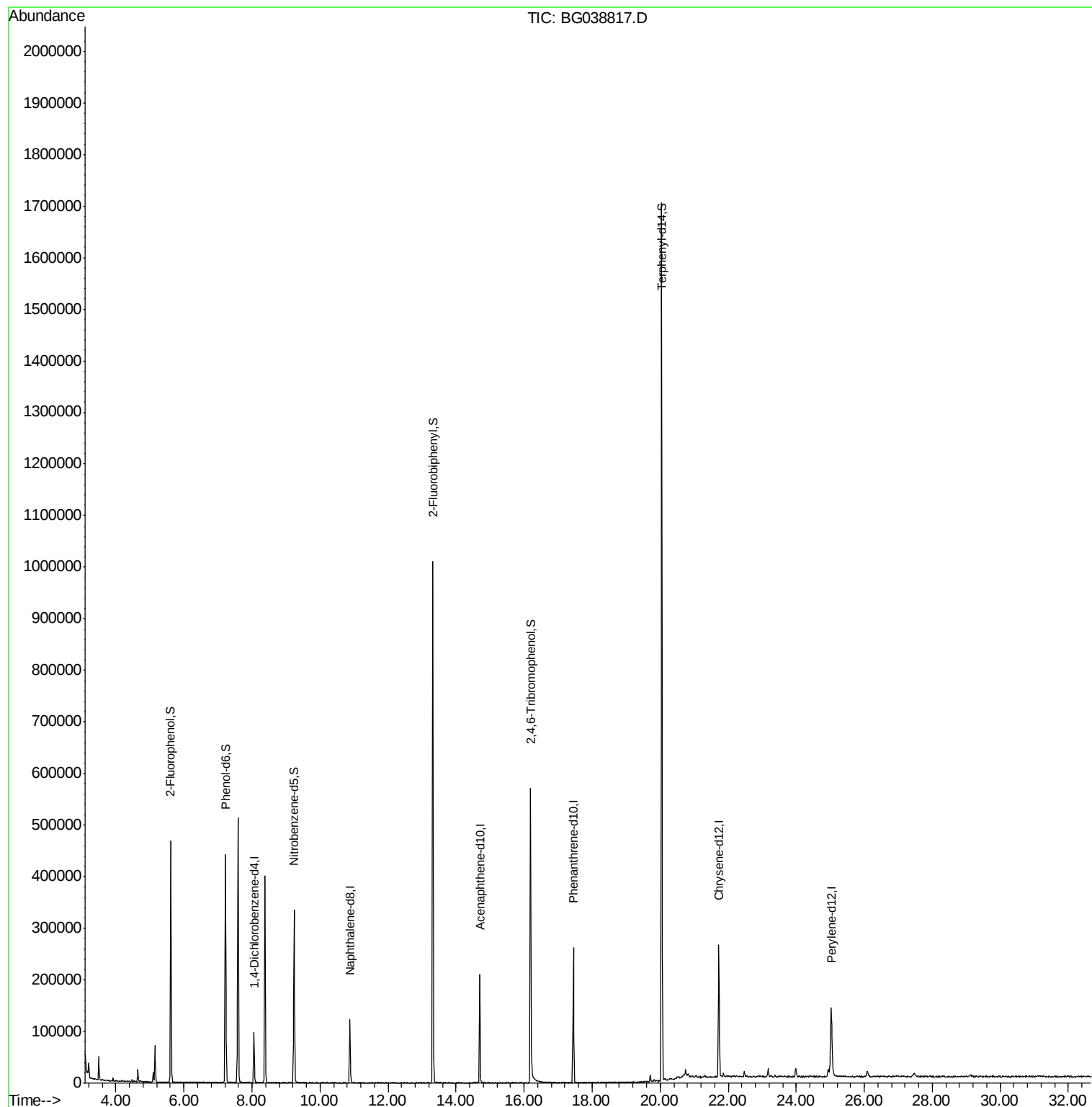
Target Compounds Qvalue

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

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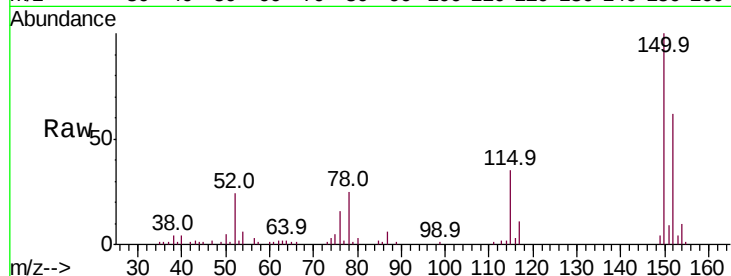


#1

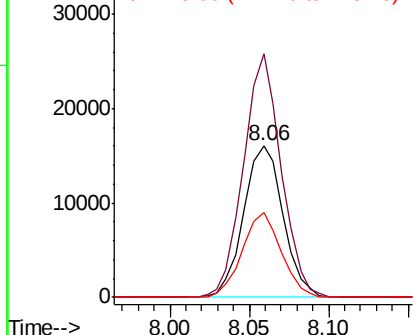
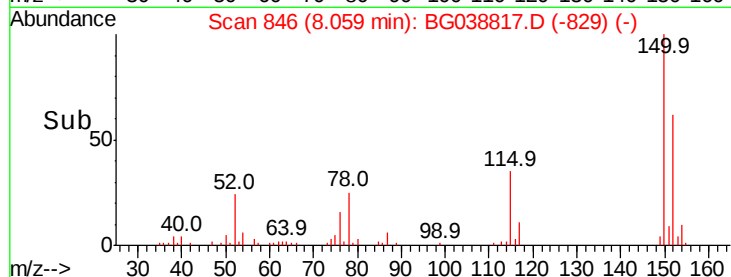
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tot Ion:152 Resp: 27880
Ion Ratio Lower Upper
152 100
150 160.2 119.5 179.3
115 55.8 49.6 74.4



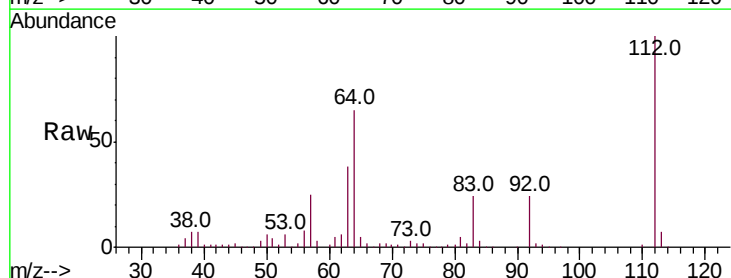
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



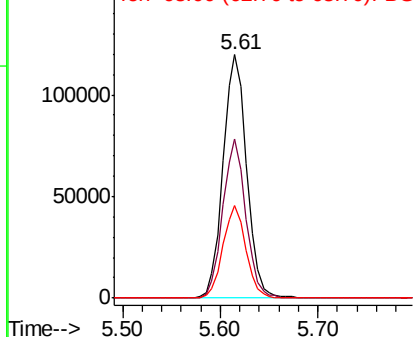
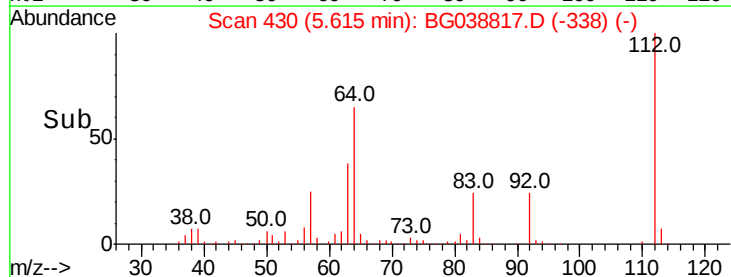
#5

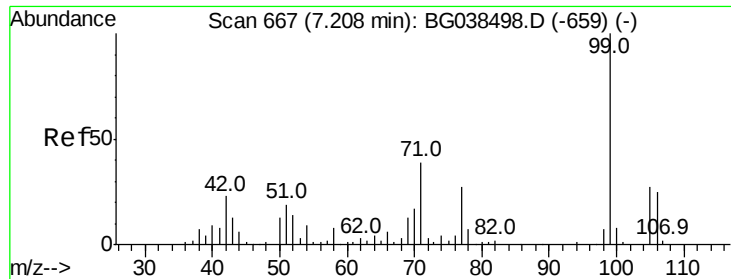
2-Fluorophenol
Concen: 127.180 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:112 Resp: 199914
Ion Ratio Lower Upper
112 100
64 65.4 53.4 80.2
63 37.8 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: 118.182 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038817.D

Acq: 22 Dec 2018 14:36

Instrument :

BNA_G

ClientSampleId :

HD-01-122018

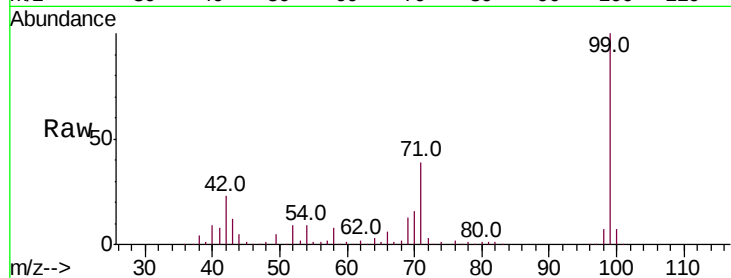
Tot Ion: 99 Resp: 255026

Ion Ratio Lower Upper

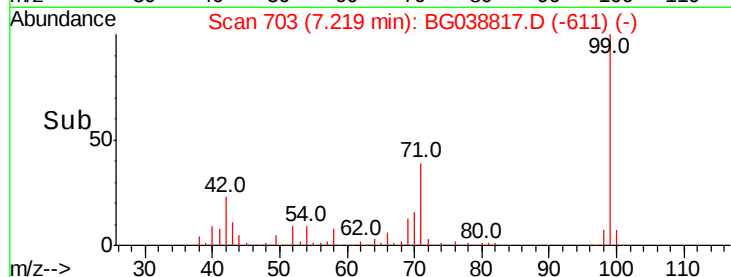
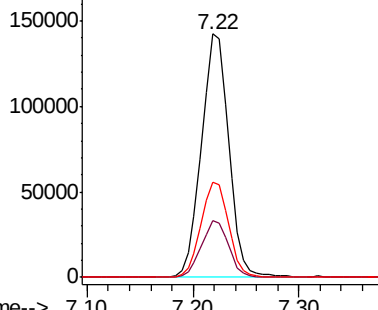
99 100

42 23.2 18.5 27.7

71 38.9 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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038817.D

Acq: 22 Dec 2018 14:36

Tgt Ion: 136 Resp: 115139

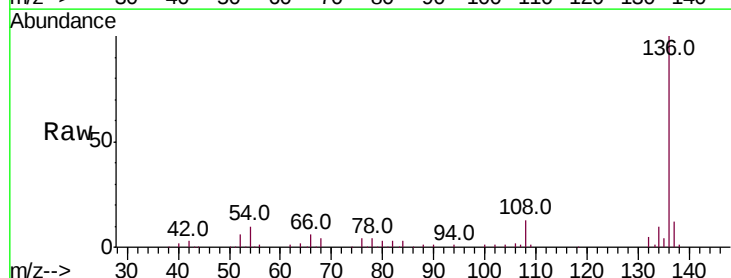
Ion Ratio Lower Upper

136 100

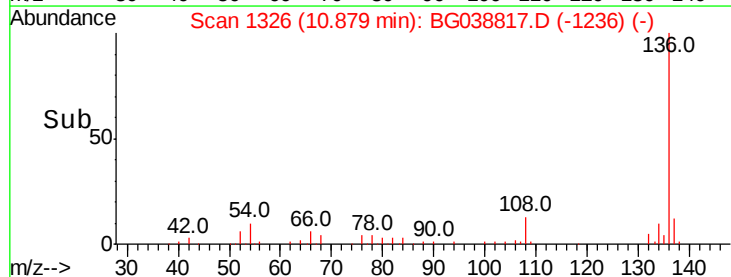
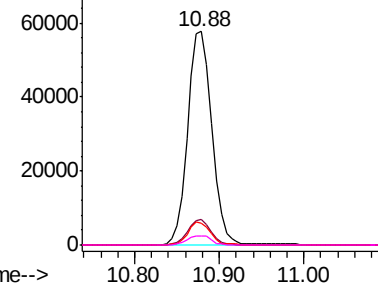
137 12.2 9.3 13.9

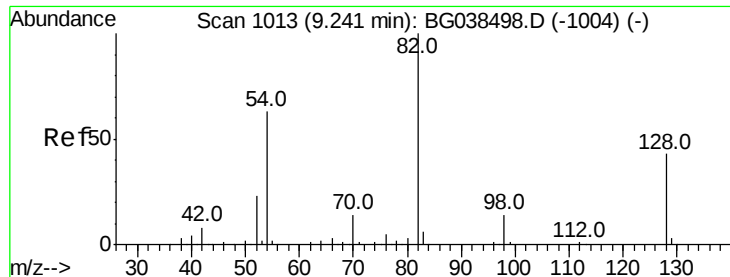
54 10.5 8.5 12.7

68 4.2 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

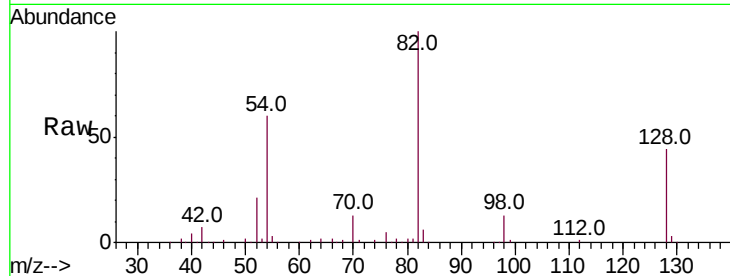




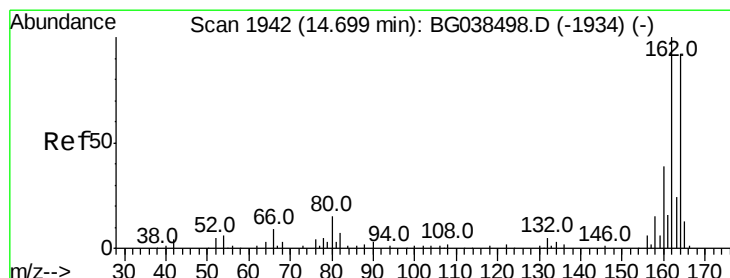
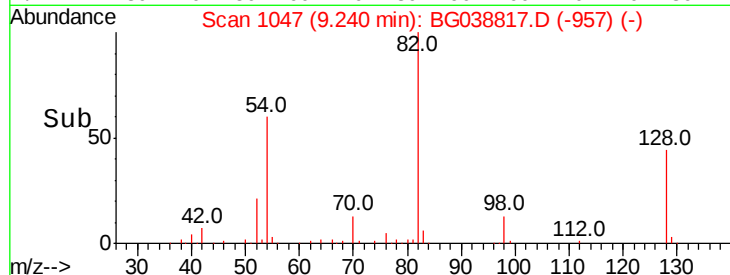
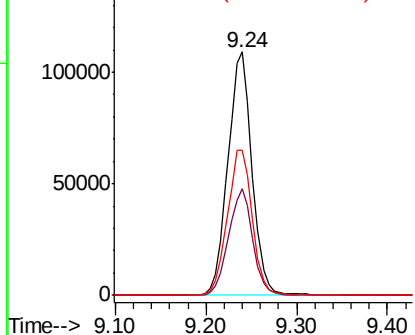
#23
Nitrobenzene-d5
Concen: 89.380 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampled :
HD-01-122018

Tot Ion: 82 Resp: 201443
Ion Ratio Lower Upper
82 100
128 43.6 34.6 52.0
54 59.8 50.6 76.0

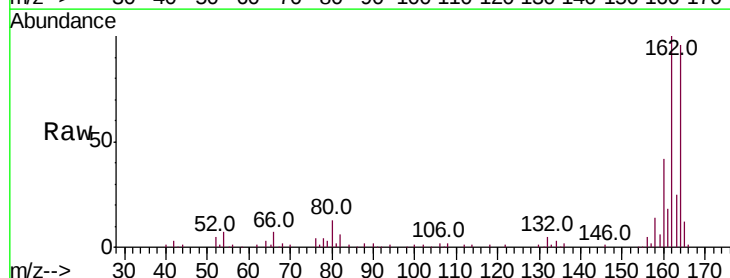


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

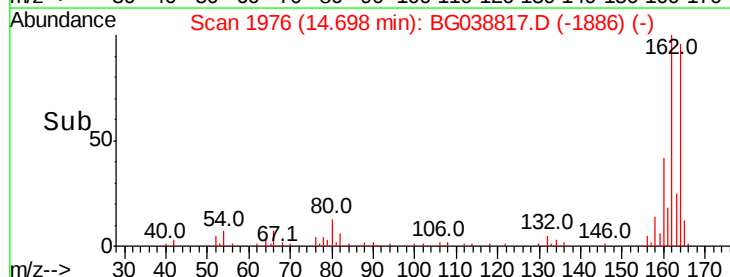
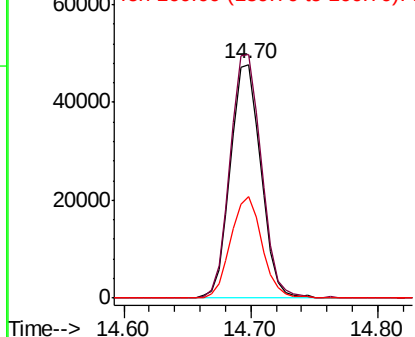


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion: 164 Resp: 79375
Ion Ratio Lower Upper
164 100
162 104.1 86.6 130.0
160 43.5 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

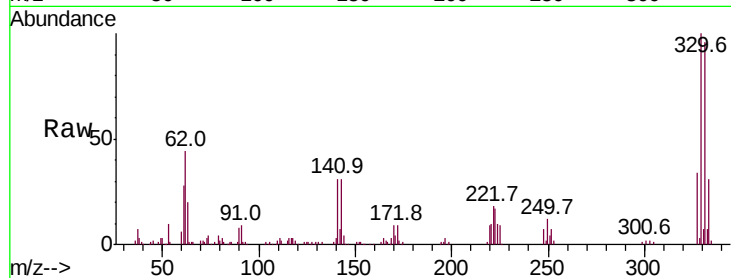




#42
 2,4,6-Tribromophenol
 Concen: 126.503 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038817.D
 Acq: 22 Dec 2018 14:36

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-122018

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	32.4	28.8	43.2

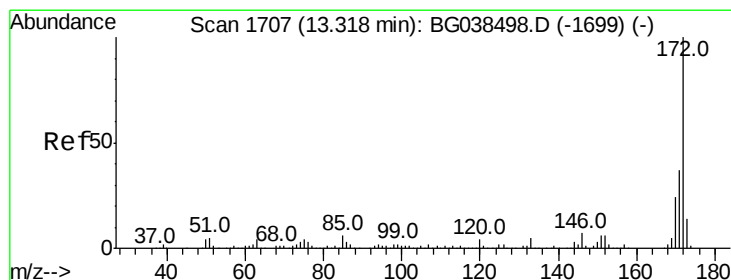
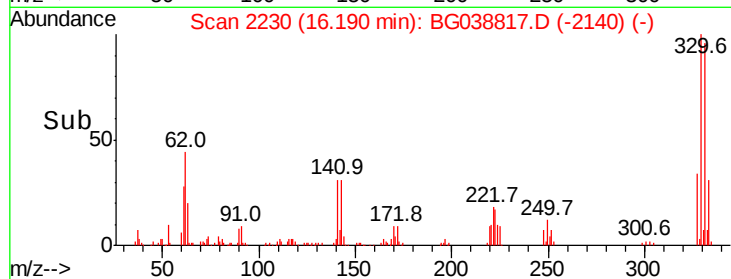
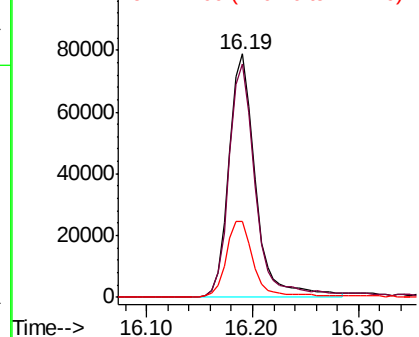


Abundance

Ion 329.80 (329.50 to 330.50): E

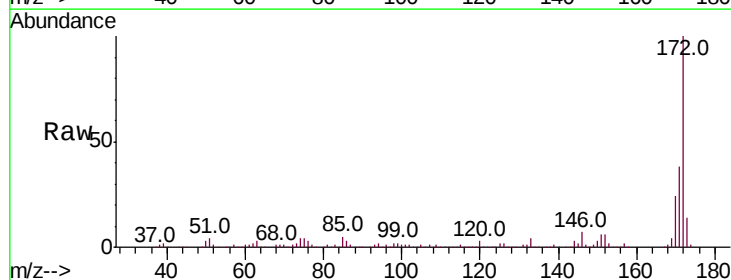
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.455 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038817.D
 Acq: 22 Dec 2018 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	23.9	19.5	29.3

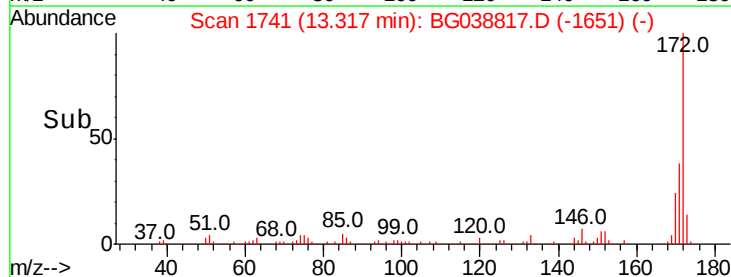
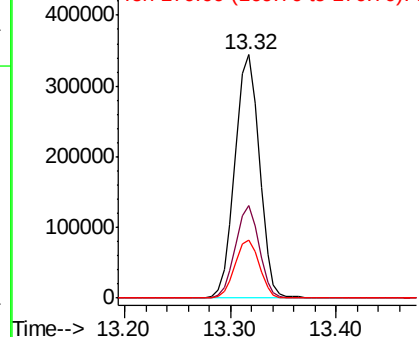


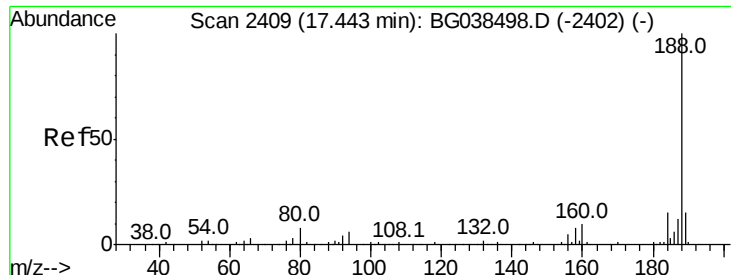
Abundance

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

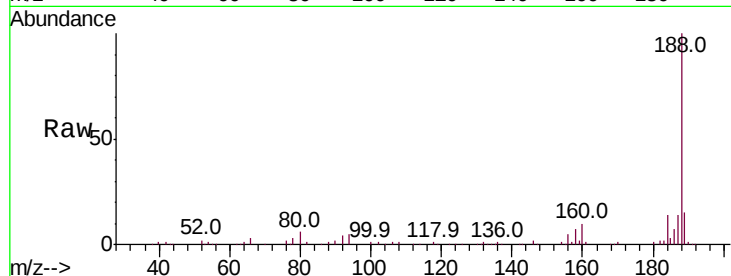




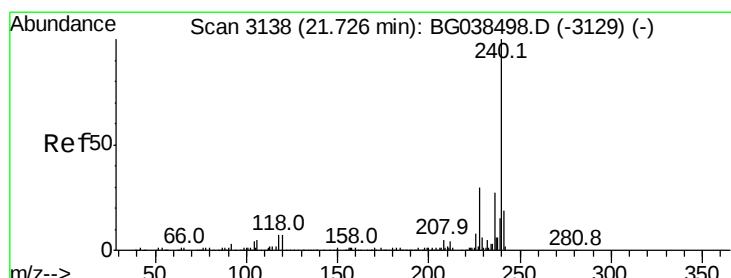
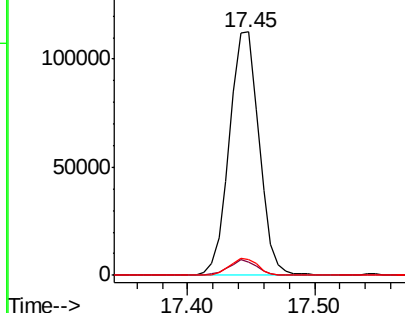
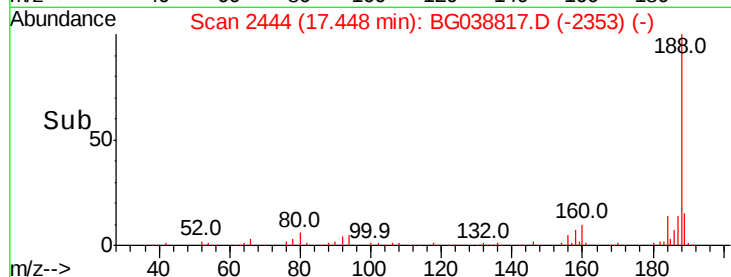
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tot Ion:188 Resp: 182537
Ion Ratio Lower Upper
188 100
94 5.3 5.1 7.7
80 6.3 6.1 9.1

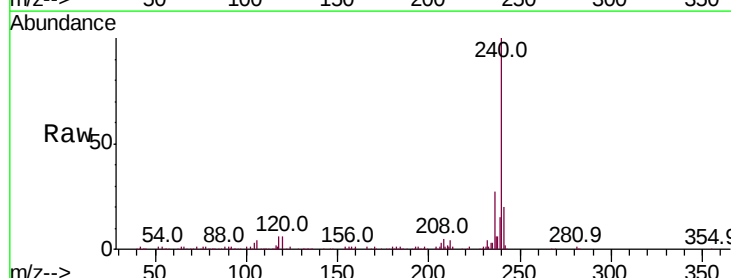


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

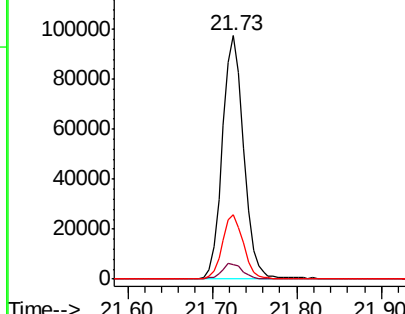
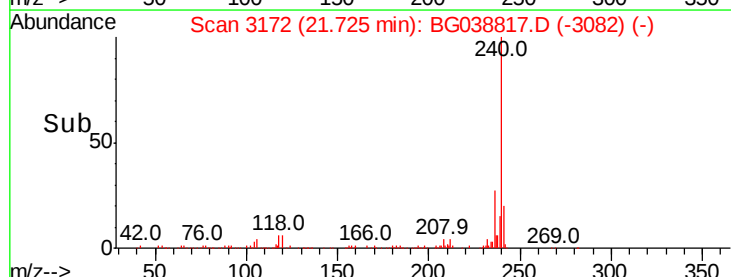


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:240 Resp: 171233
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 26.5 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: 109.584 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038817.D

Acq: 22 Dec 2018 14:36

Instrument :

BNA_G

ClientSampleId :

HD-01-122018

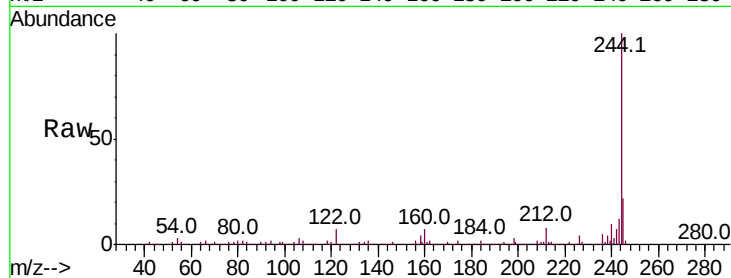
Tot Ion:244 Resp: 862201

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

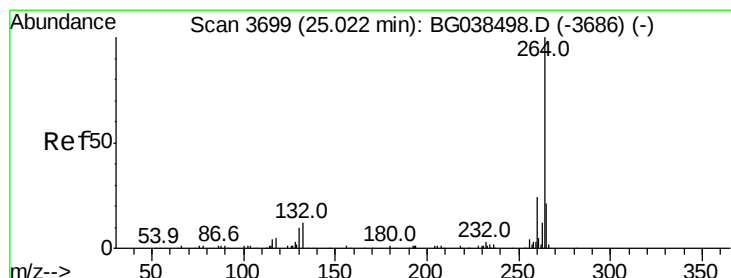
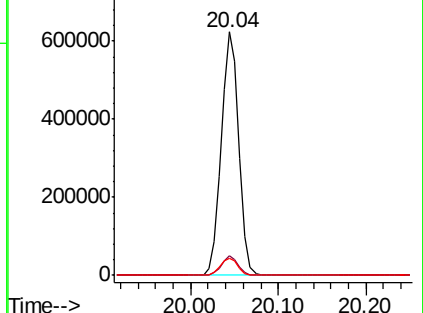
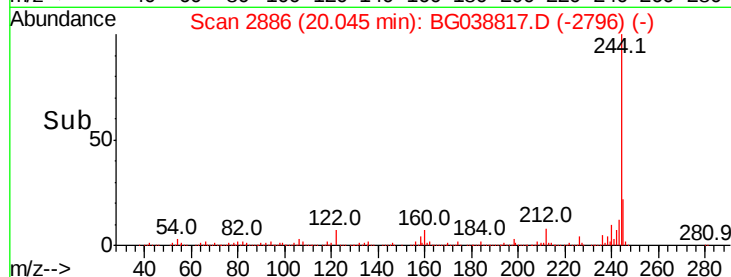
122 7.2 6.3 9.5



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: 25.03 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BG038817.D

Acq: 22 Dec 2018 14:36

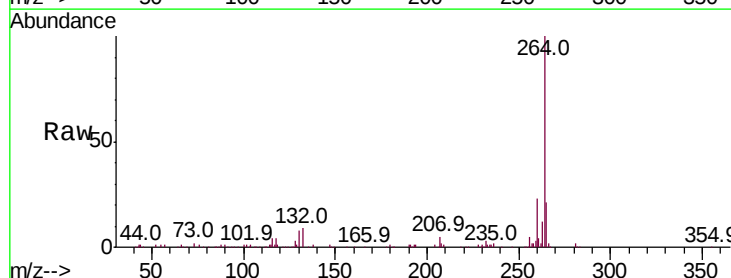
Tgt Ion:264 Resp: 178721

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 20.8 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

