

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038814.D
 Acq On : 22 Dec 2018 12:37
 Operator : JU/SJ
 Sample : J6191-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-122018-A

Quant Time: Dec 24 04:12:56 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	25456	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	108224	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73521	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	170151	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164297	20.00	ng	0.00
87) Perylene-d12	25.03	264	173551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	180258	125.60	ng	0.01
7) Phenol-d6	7.22	99	227904	115.67	ng	0.02
23) Nitrobenzene-d5	9.24	82	183048	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	142563	140.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	506503	94.51	ng	0.00
79) Terphenyl-d14	20.05	244	821265	108.79	ng	0.00

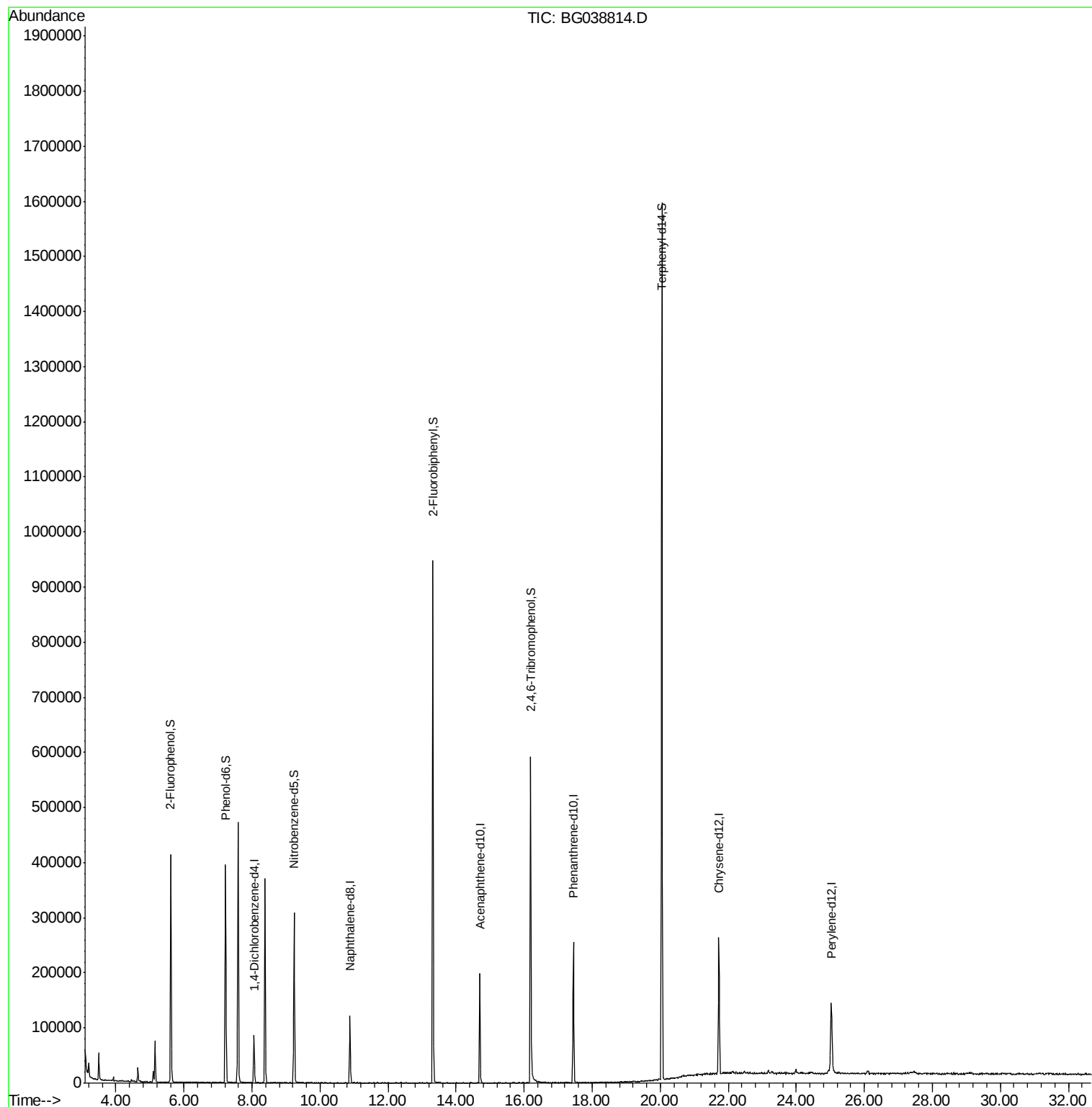
Target Compounds Qvalue

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

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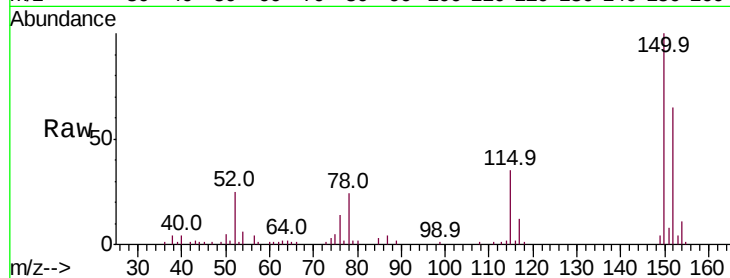


#1

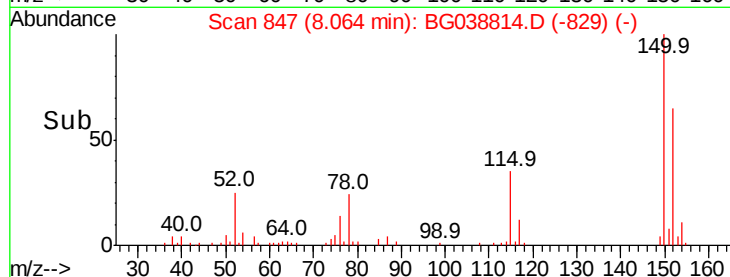
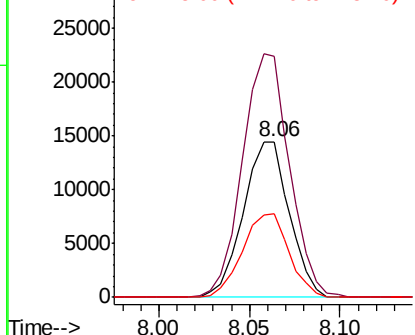
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.00 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-A

Tot Ion:152 Resp: 25456
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 53.9 49.6 74.4



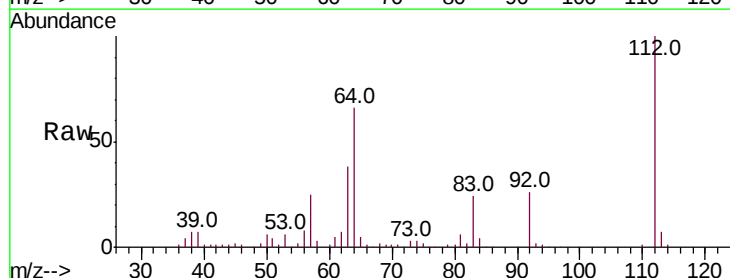
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



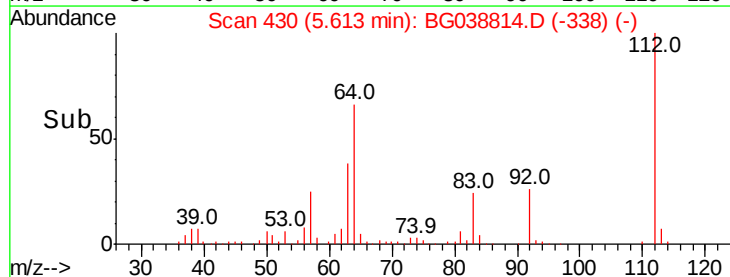
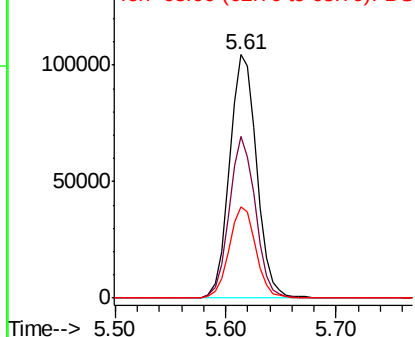
#5

2-Fluorophenol
Concen: 125.595 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Tgt Ion:112 Resp: 180258
Ion Ratio Lower Upper
112 100
64 66.3 53.4 80.2
63 37.6 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: 115.670 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-A

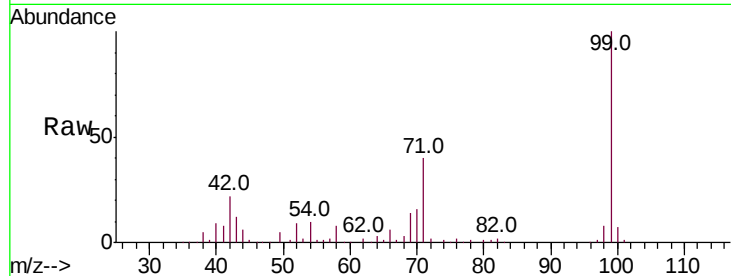
Tot Ion: 99 Resp: 227904

Ion Ratio Lower Upper

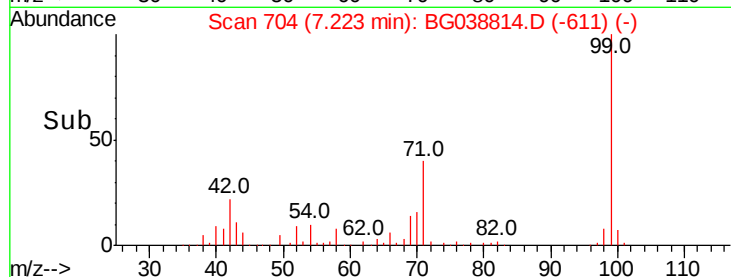
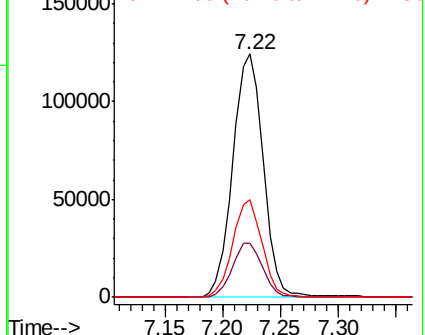
99 100

42 22.4 18.5 27.7

71 40.3 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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Tgt Ion: 136 Resp: 108224

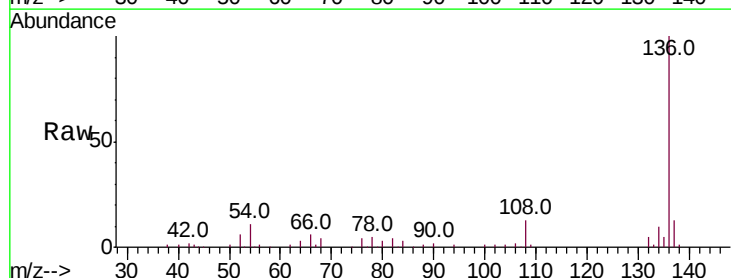
Ion Ratio Lower Upper

136 100

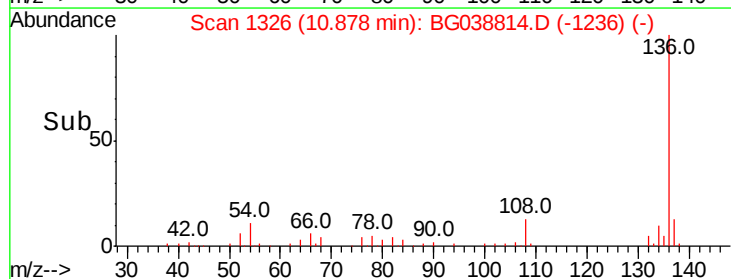
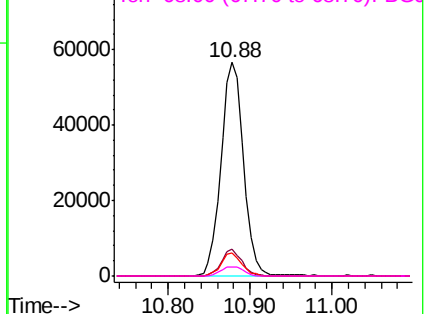
137 12.5 9.3 13.9

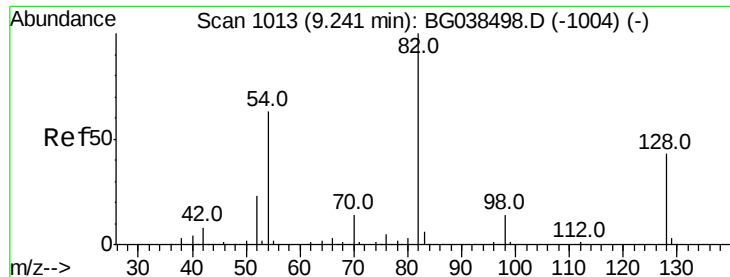
54 10.8 8.5 12.7

68 4.5 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

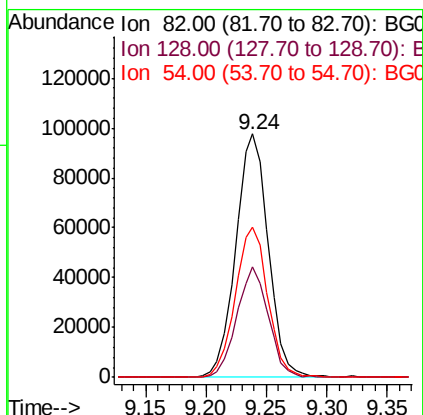
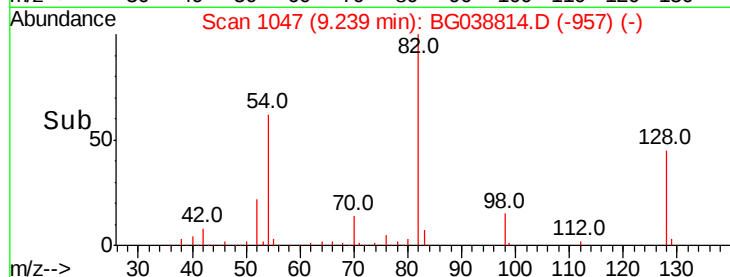
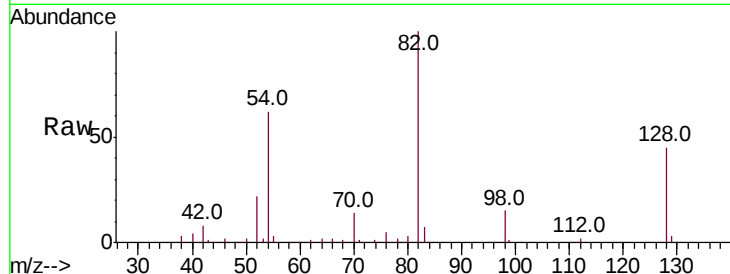




#23
 Nitrobenzene-d5
 Concen: 86.408 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

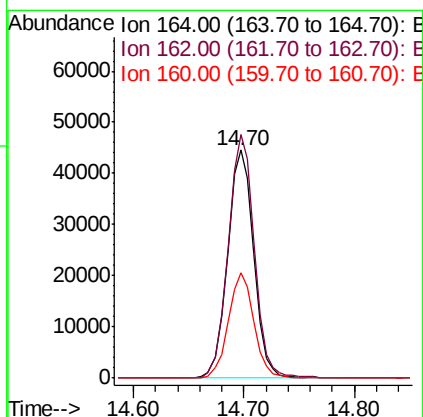
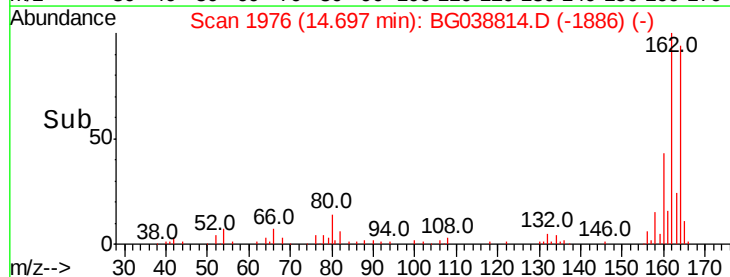
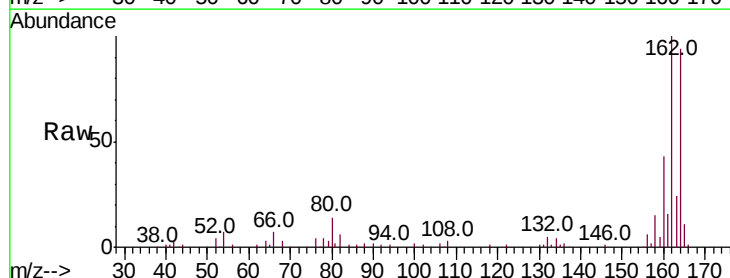
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-122018-A

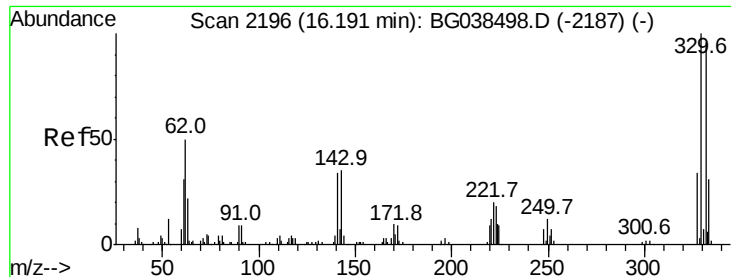
Tot Ion: 82 Resp: 183048
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 52.0
 54 61.9 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

Tgt Ion:164 Resp: 73521
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.6 130.0
 160 46.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 140.698 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-A

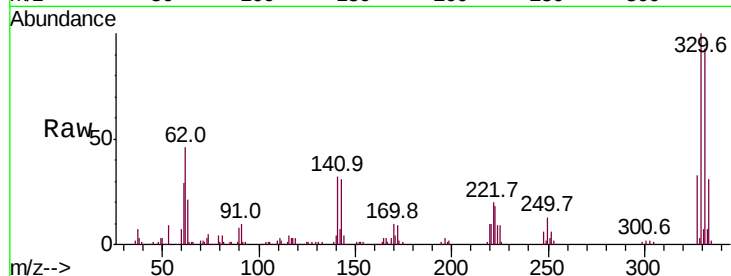
Tot Ion:330 Resp: 142563

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

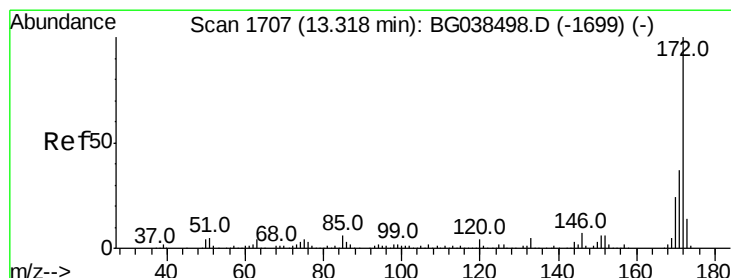
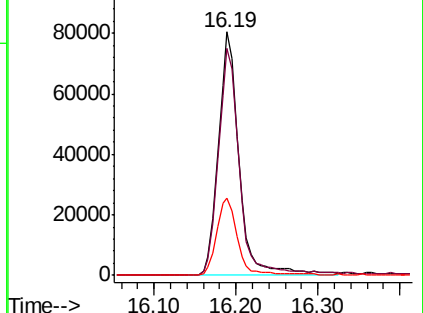
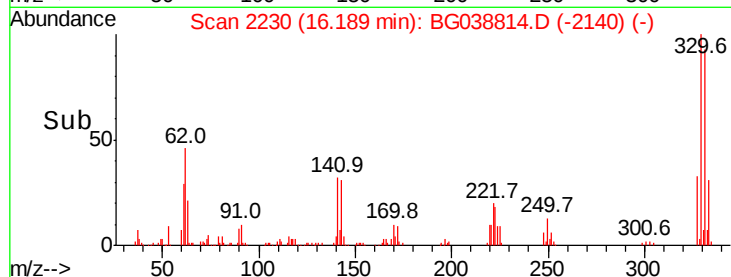
141 31.7 28.8 43.2



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: 94.510 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

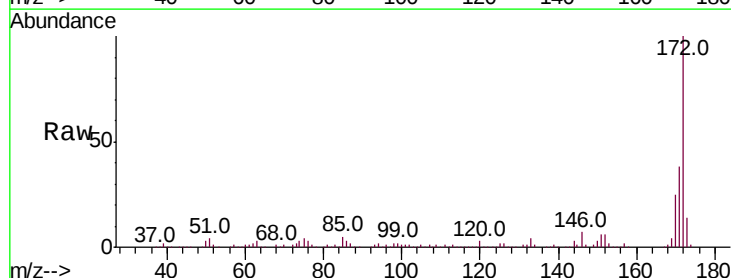
Tgt Ion:172 Resp: 506503

Ion Ratio Lower Upper

172 100

171 38.0 29.8 44.6

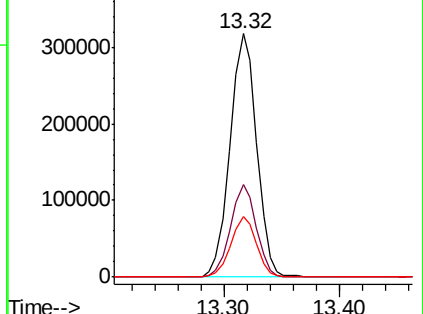
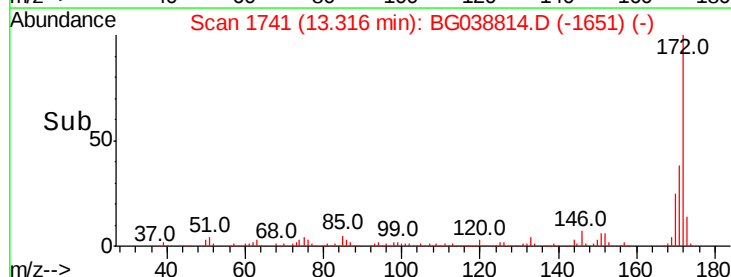
170 25.1 19.5 29.3

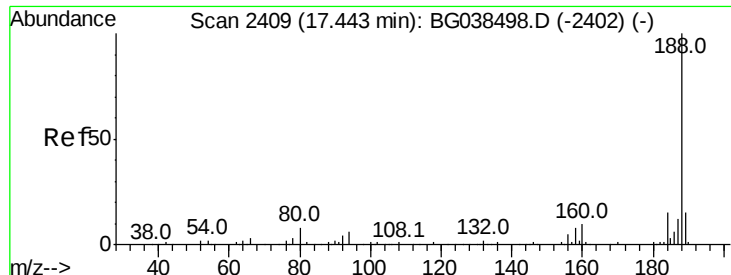


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

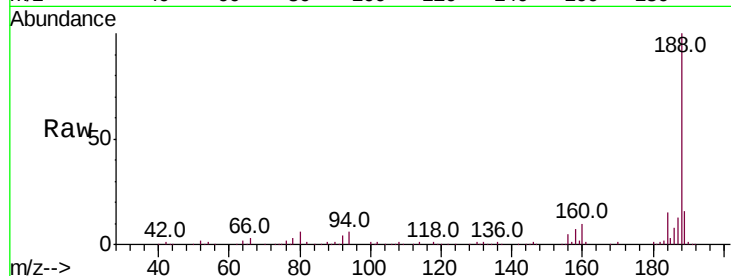




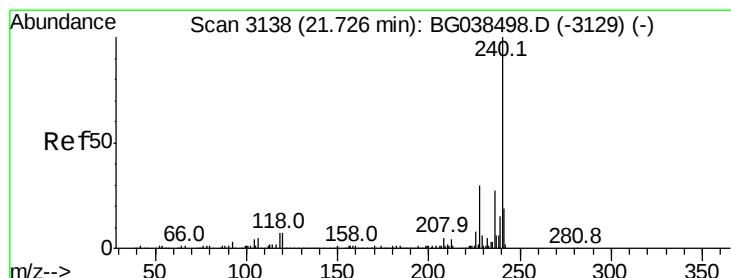
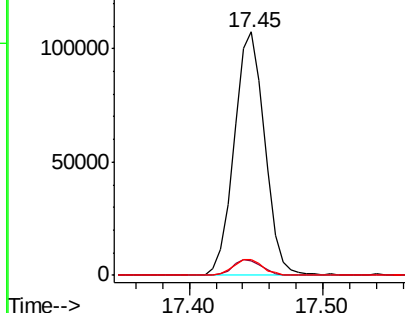
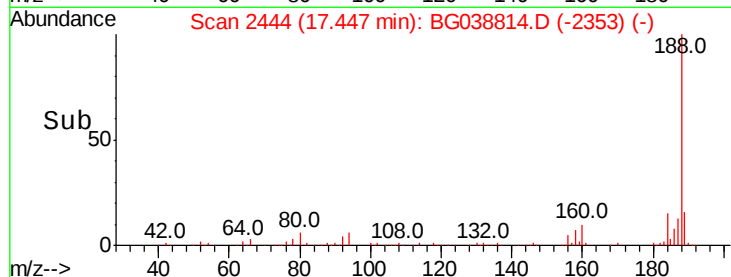
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-A

Tot Ion:188 Resp: 170151
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 6.4 6.1 9.1

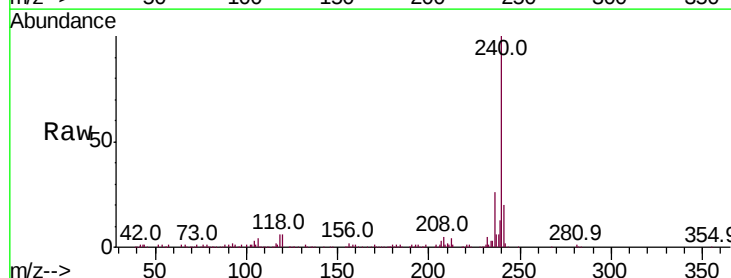


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

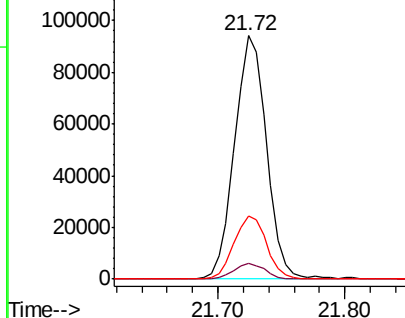
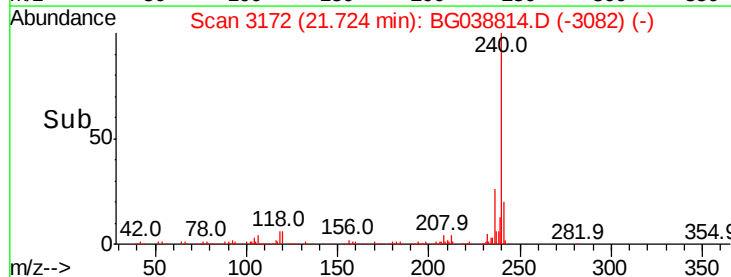


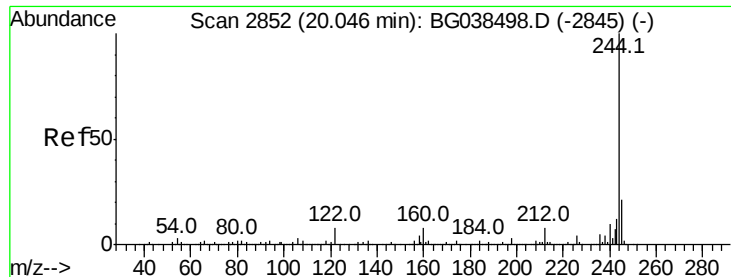
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Tgt Ion:240 Resp: 164297
Ion Ratio Lower Upper
240 100
120 6.5 5.3 7.9
236 25.8 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: 108.787 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-A

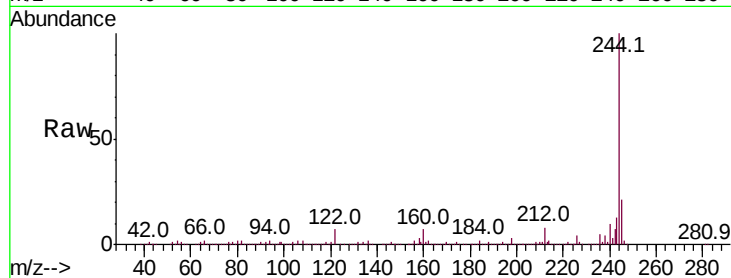
Tot Ion:244 Resp: 821265

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

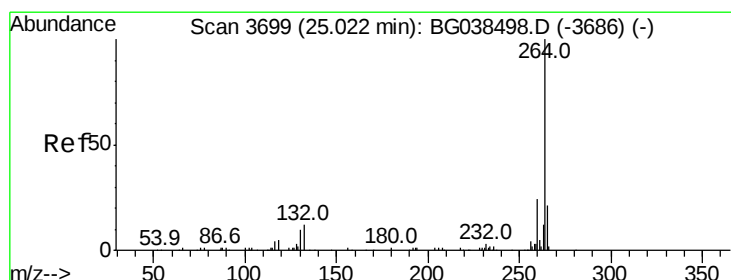
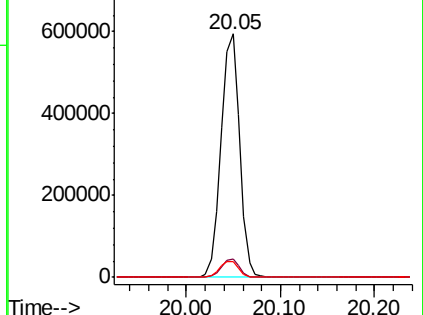
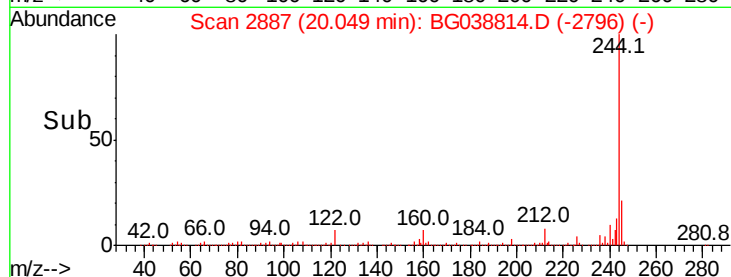
122 6.7 6.3 9.5



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: BG038814.D

Acq: 22 Dec 2018 12:37

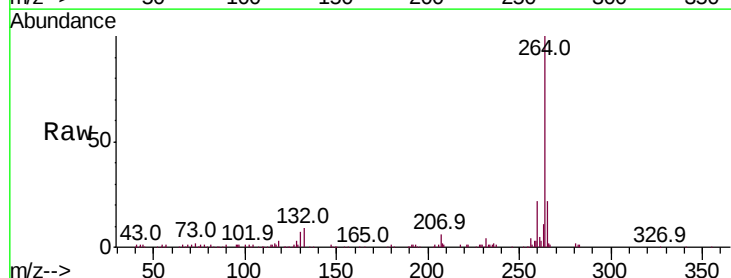
Tgt Ion:264 Resp: 173551

Ion Ratio Lower Upper

264 100

260 22.0 18.9 28.3

265 22.0 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

