

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038914.D
 Acq On : 3 Jan 2019 21:59
 Operator : JU/SJ
 Sample : K1016-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010219

Quant Time: Jan 04 04:45:46 2019
 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	8.04	152	26976	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	108158	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	78549	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	202179	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	204205	20.00	ng	-0.02
87) Perylene-d12	25.01	264	214177	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	170359	112.01	ng	0.00
7) Phenol-d6	7.21	99	199213	95.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	170276	80.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	146410	135.25	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	456212	79.68	ng	-0.02
79) Terphenyl-d14	20.03	244	920281	98.08	ng	-0.01

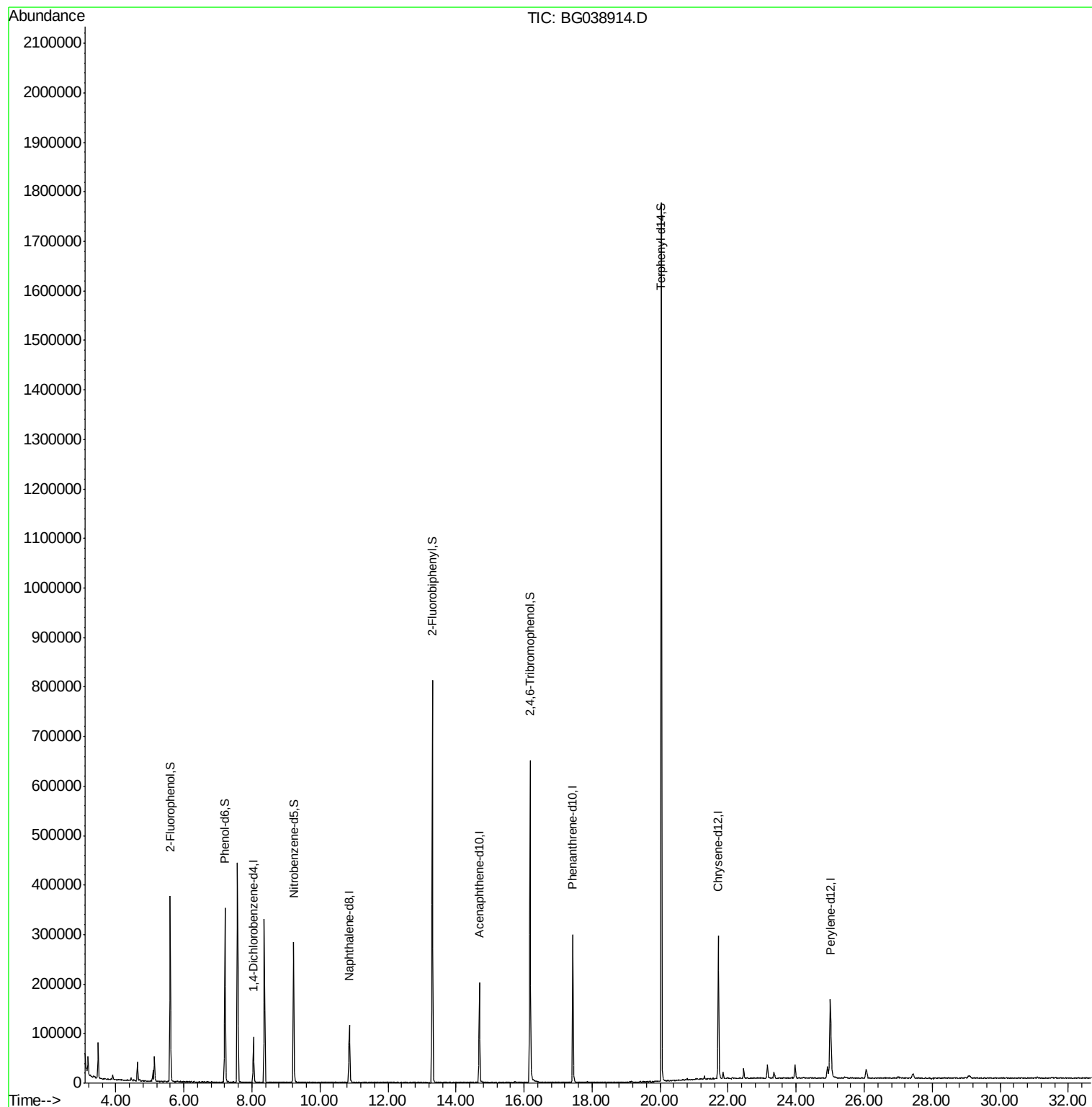
Target Compounds Qvalue

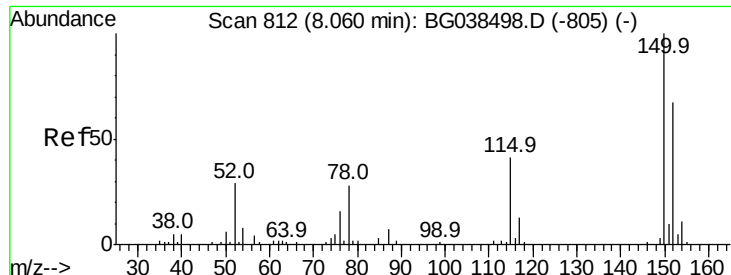
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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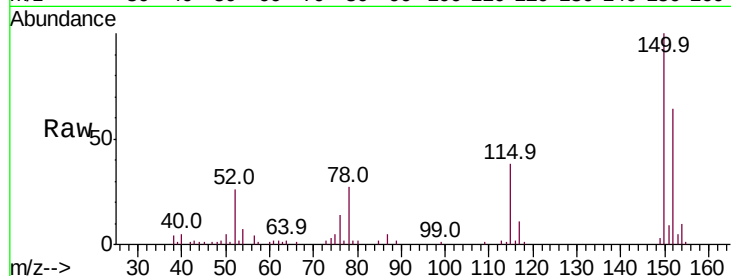


#1

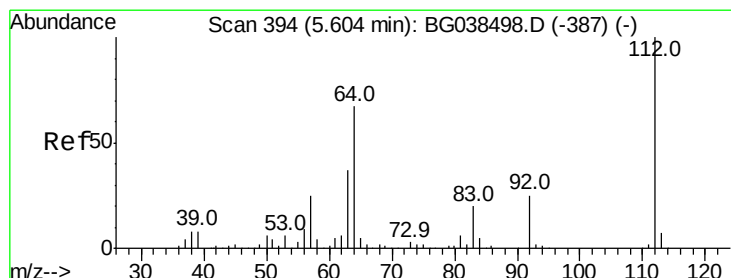
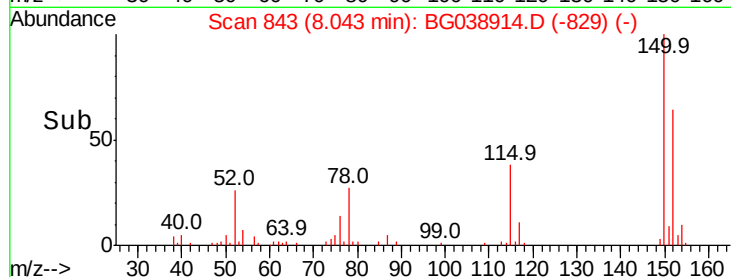
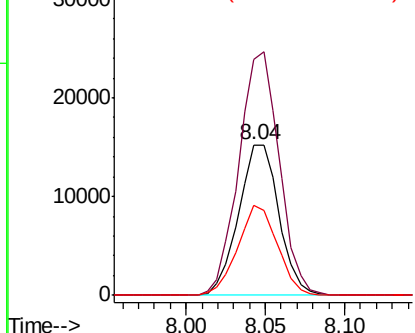
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038914.D
Acq: 3 Jan 2019 21:59

Instrument :
BNA_G
ClientSampleId :
TR-04-010219

Tot Ion:152 Resp: 26976
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 59.5 49.6 74.4



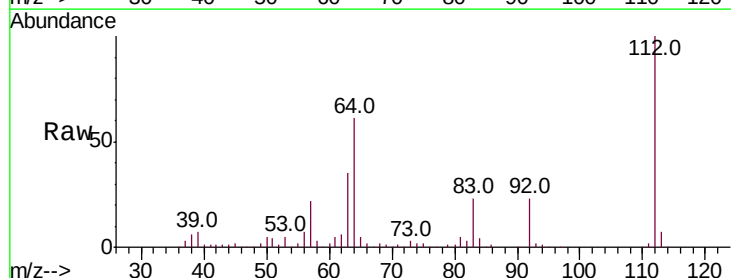
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



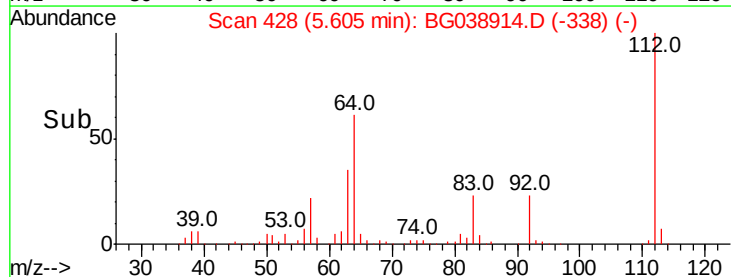
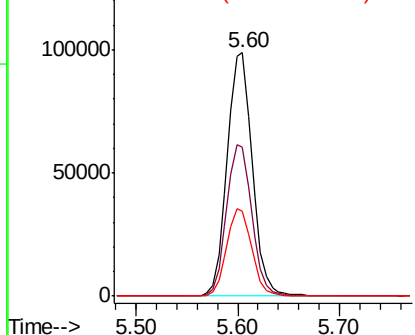
#5

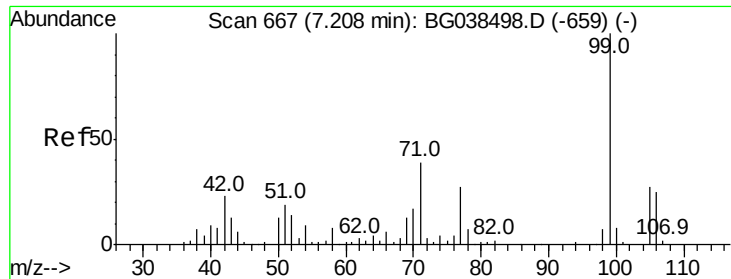
2-Fluorophenol
Concen: 112.010 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038914.D
Acq: 3 Jan 2019 21:59

Tgt Ion:112 Resp: 170359
Ion Ratio Lower Upper
112 100
64 61.1 53.4 80.2
63 34.8 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: 95.411 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038914.D

Acq: 3 Jan 2019 21:59

Instrument :

BNA_G

ClientSampleId :

TR-04-010219

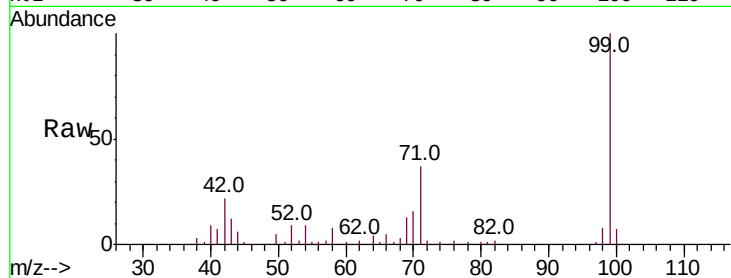
Tot Ion: 99 Resp: 199213

Ion Ratio Lower Upper

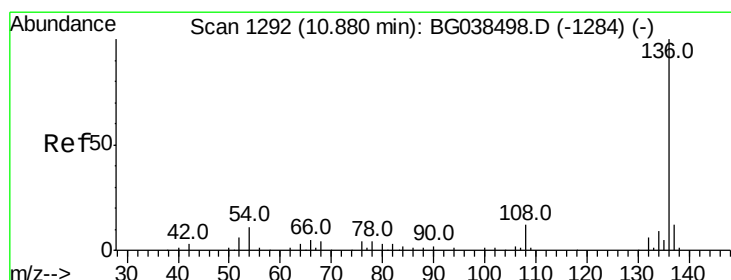
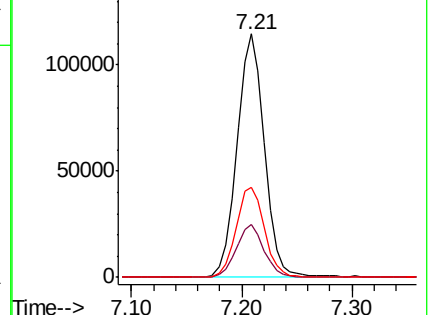
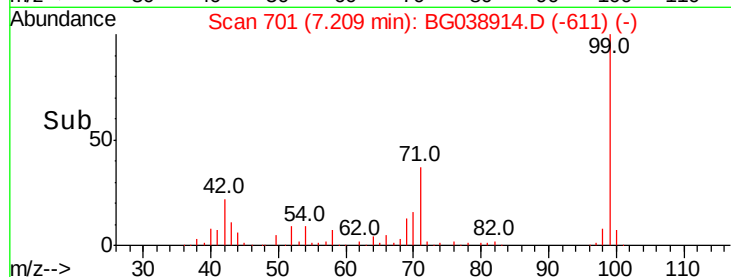
99 100

42 21.6 18.5 27.7

71 37.2 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038914.D

Acq: 3 Jan 2019 21:59

Tgt Ion: 136 Resp: 108158

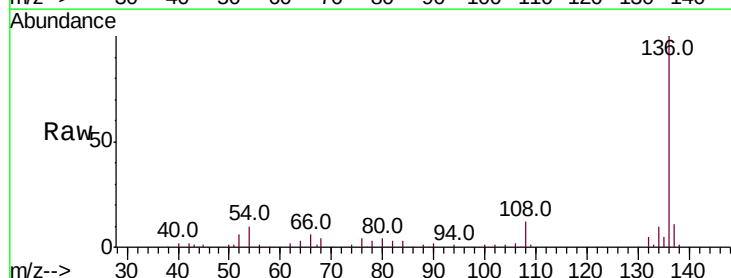
Ion Ratio Lower Upper

136 100

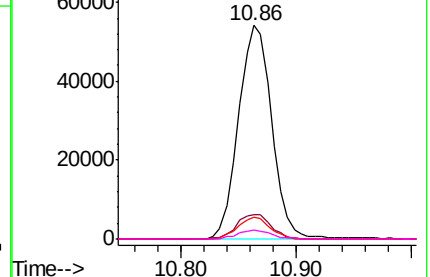
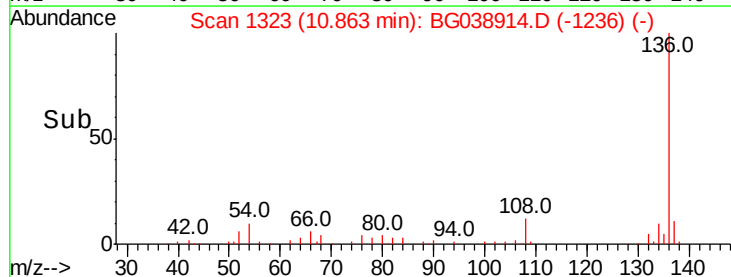
137 11.5 9.3 13.9

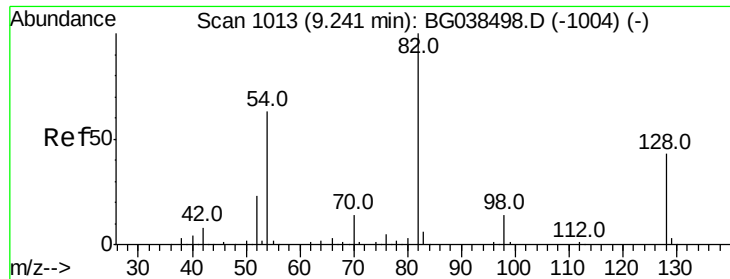
54 10.1 8.5 12.7

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

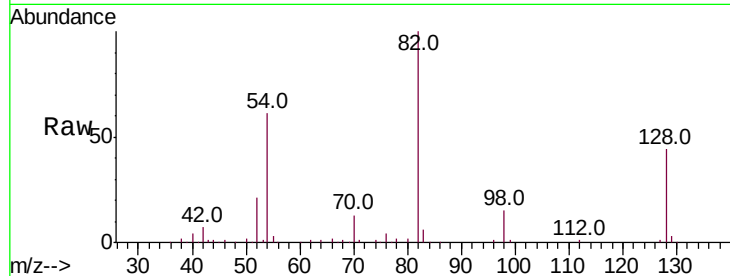




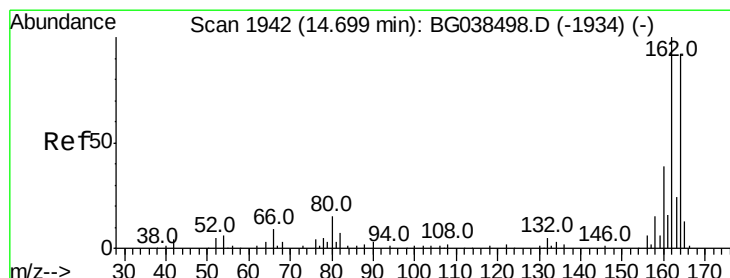
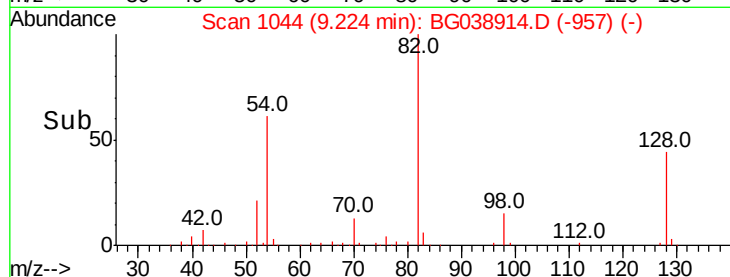
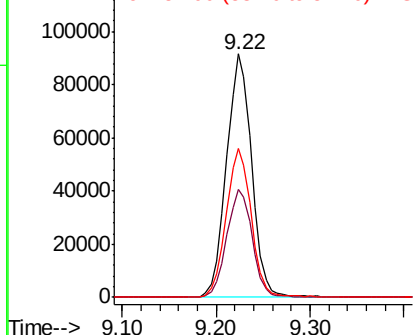
#23
Nitrobenzene-d5
Concen: 80.428 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038914.D
Acq: 3 Jan 2019 21:59

Instrument :
BNA_G
ClientSampleId :
TR-04-010219

Tot Ion: 82 Resp: 170276
Ion Ratio Lower Upper
82 100
128 44.5 34.6 52.0
54 61.4 50.6 76.0

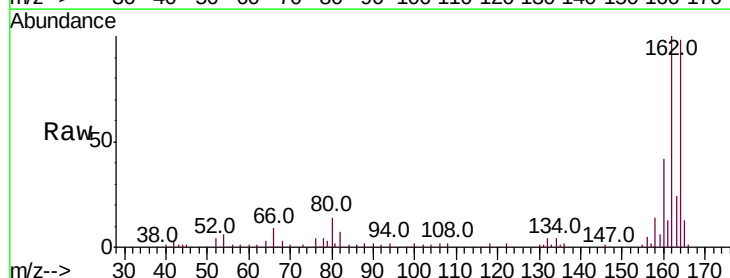


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

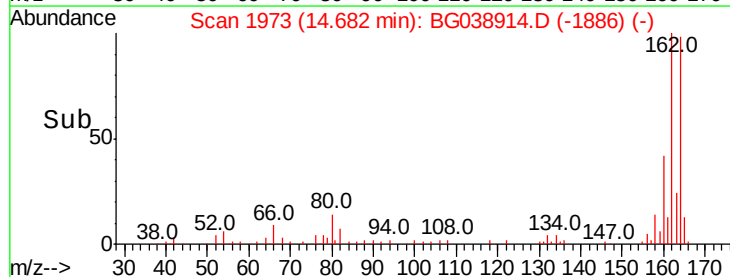
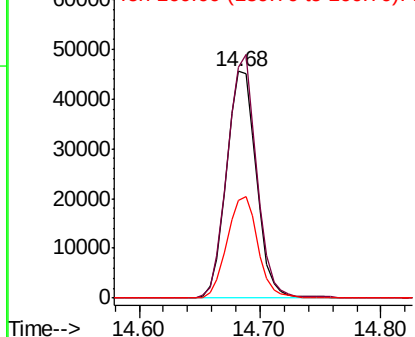


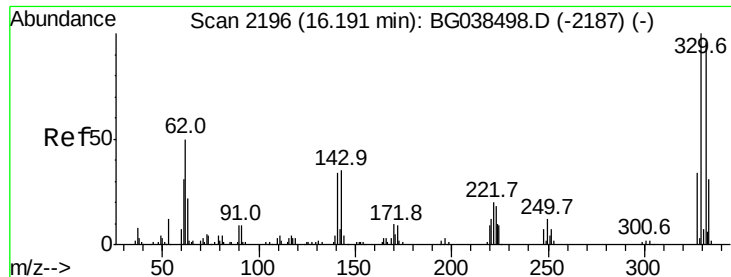
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038914.D
Acq: 3 Jan 2019 21:59

Tgt Ion:164 Resp: 78549
Ion Ratio Lower Upper
164 100
162 102.1 86.6 130.0
160 43.2 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: 135.246 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038914.D

Acq: 3 Jan 2019 21:59

Instrument :

BNA_G

ClientSampleId :

TR-04-010219

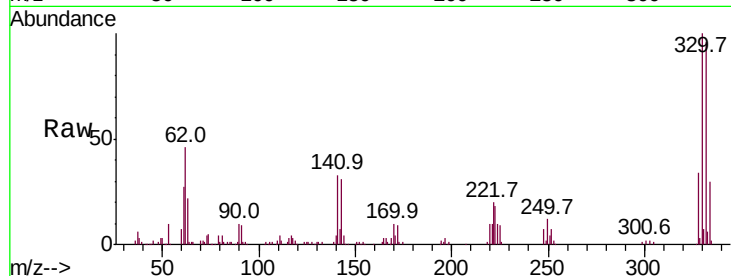
Tot Ion:330 Resp: 146410

Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

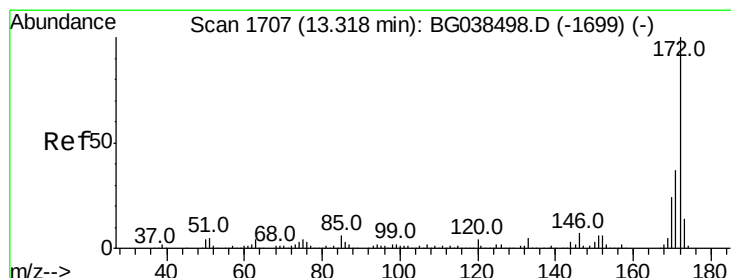
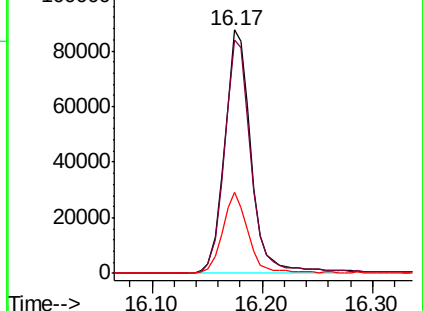
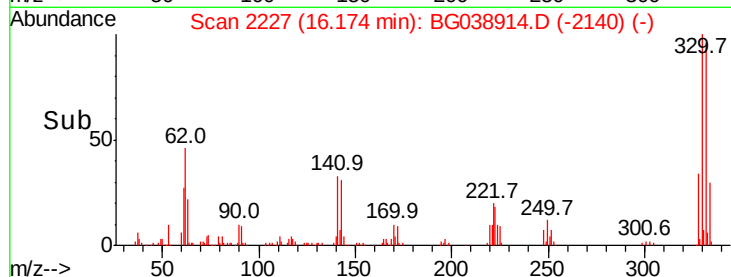
141 32.3 28.8 43.2



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: 79.677 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038914.D

Acq: 3 Jan 2019 21:59

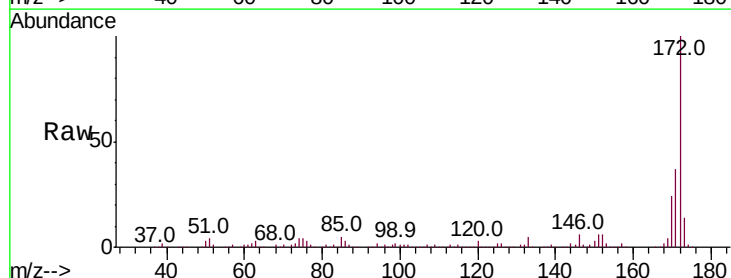
Tgt Ion:172 Resp: 456212

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

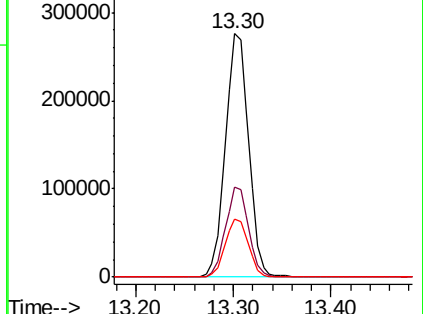
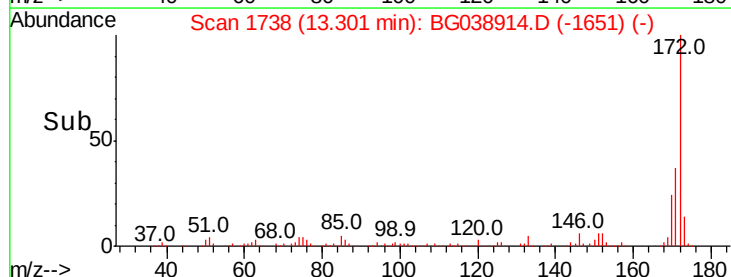
170 23.6 19.5 29.3

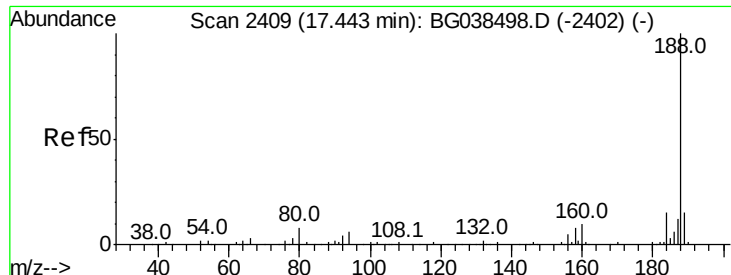


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

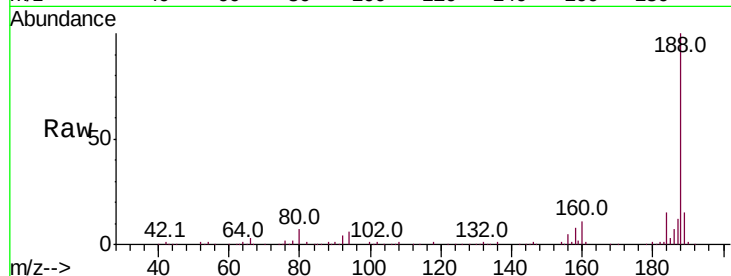




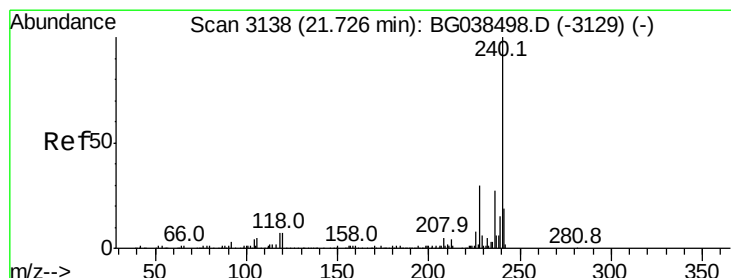
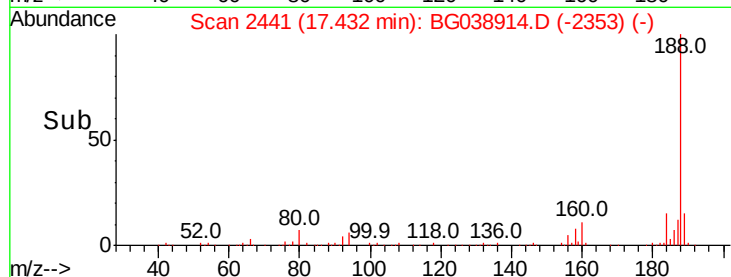
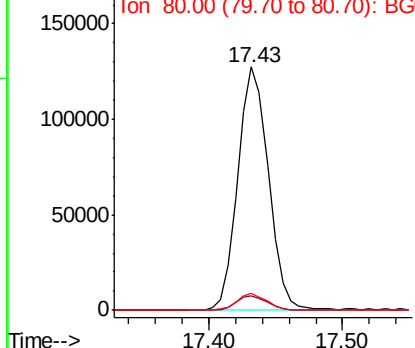
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038914.D
 Acq: 3 Jan 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010219

Tot Ion:188 Resp: 202179
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.1 7.7
 80 7.1 6.1 9.1

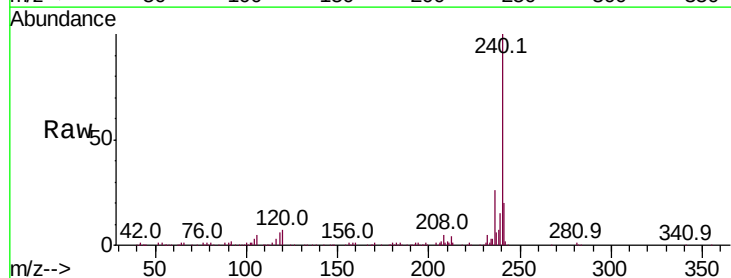


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

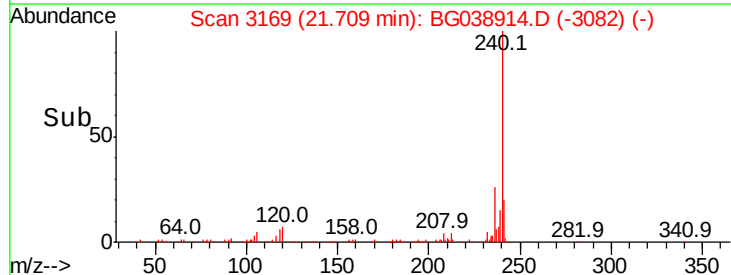
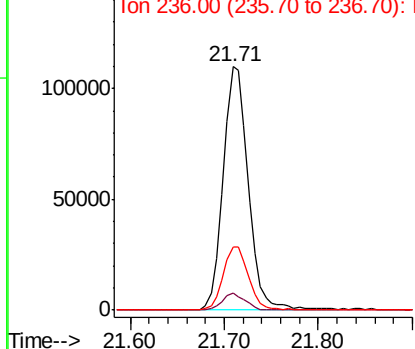


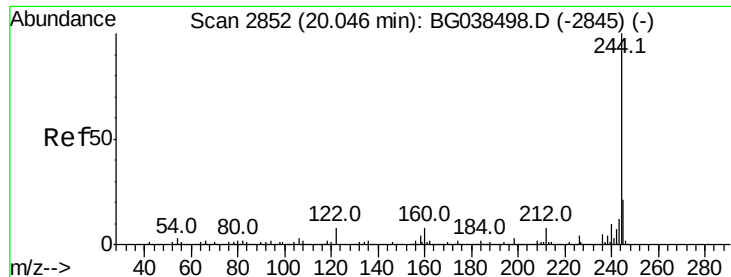
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG038914.D
 Acq: 3 Jan 2019 21:59

Tgt Ion:240 Resp: 204205
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.3 7.9
 236 26.2 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: 98.080 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038914.D

Acq: 3 Jan 2019 21:59

Instrument :

BNA_G

ClientSampleId :

TR-04-010219

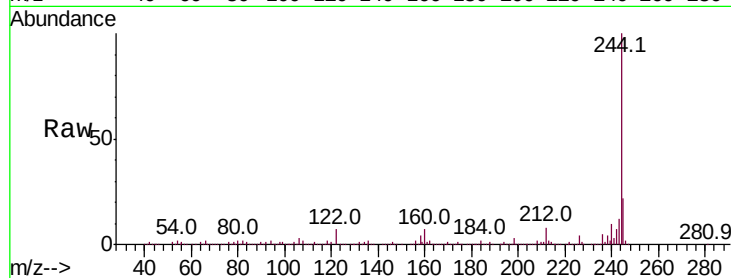
Tot Ion:244 Resp: 920281

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

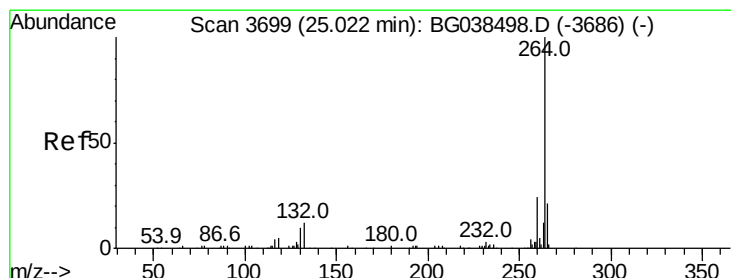
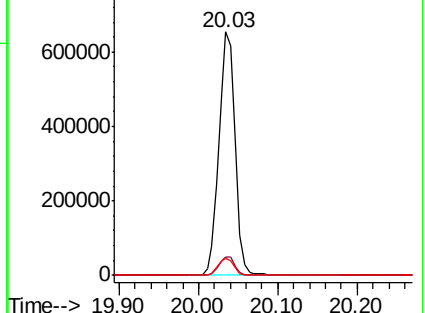
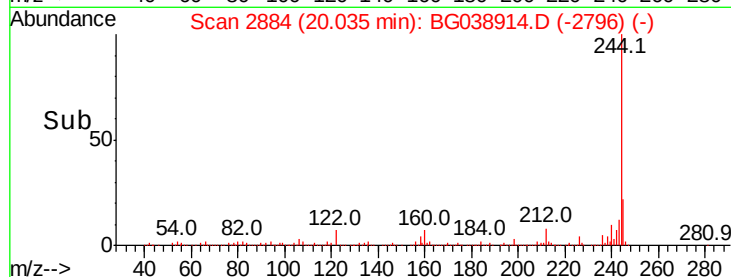
122 7.1 6.3 9.5



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# 3730

Delta R.T. -0.02 min

Lab File: BG038914.D

Acq: 3 Jan 2019 21:59

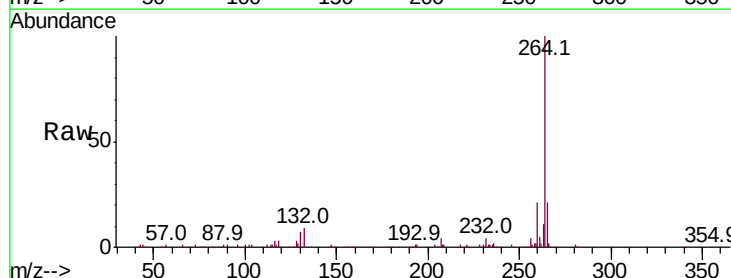
Tgt Ion:264 Resp: 214177

Ion Ratio Lower Upper

264 100

260 21.3 18.9 28.3

265 21.0 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

