

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041323.D
 Acq On : 19 Jun 2019 11:53
 Operator : HP/JU
 Sample : PB120669BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BL

Quant Time: Jun 19 13:53:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30928	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	123074	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	94778	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	244127	20.00	ng	0.00
76) Chrysene-d12	21.73	240	252650	20.00	ng	0.00
87) Perylene-d12	25.05	264	265972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	238391	141.63	ng	0.00
7) Phenol-d6	7.23	99	346026	141.82	ng	0.00
23) Nitrobenzene-d5	9.25	82	245638	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	192745	132.47	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	592395	84.95	ng	0.00
79) Terphenyl-d14	20.06	244	1160217	91.01	ng	0.00

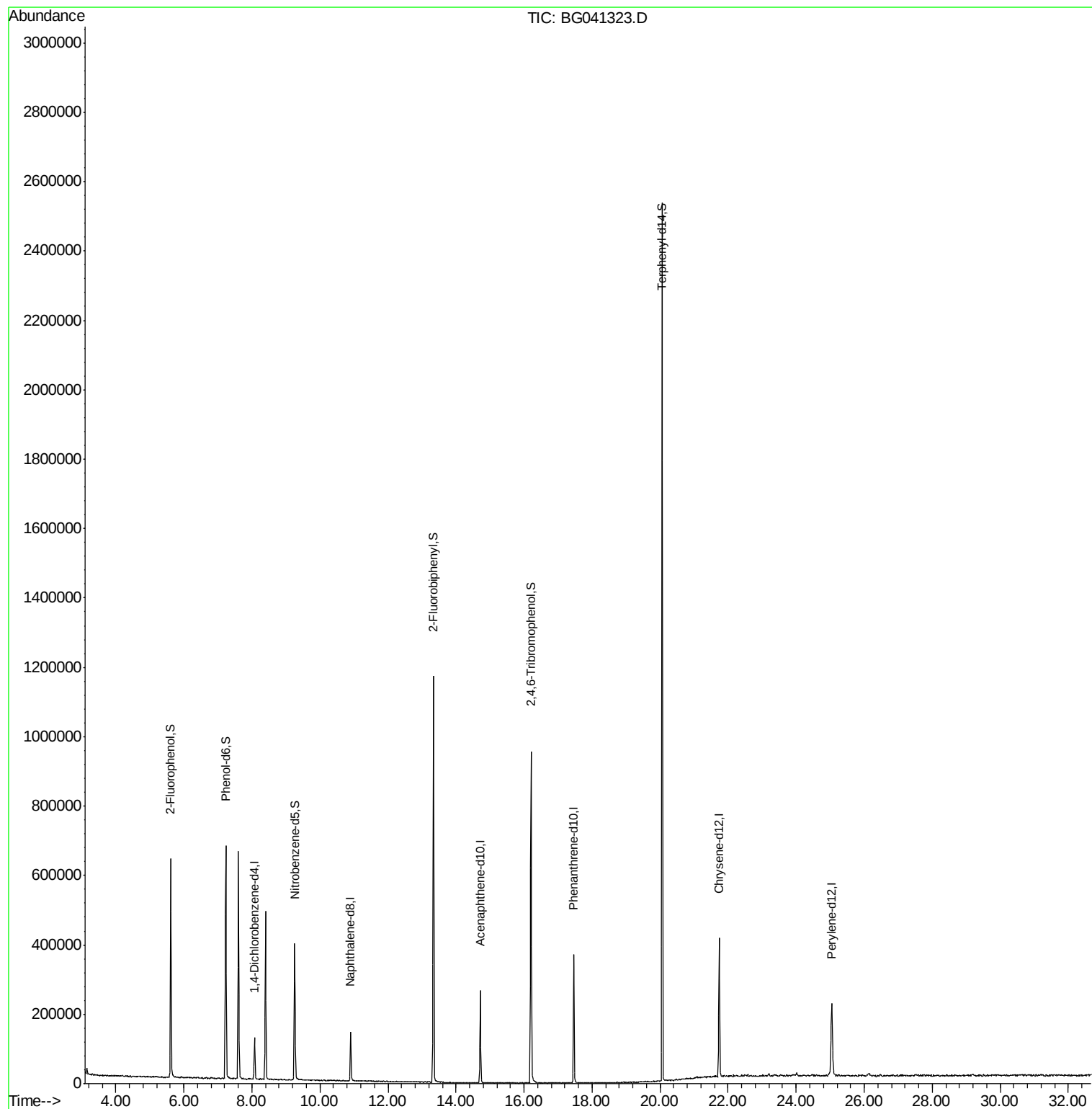
Target Compounds Qvalue

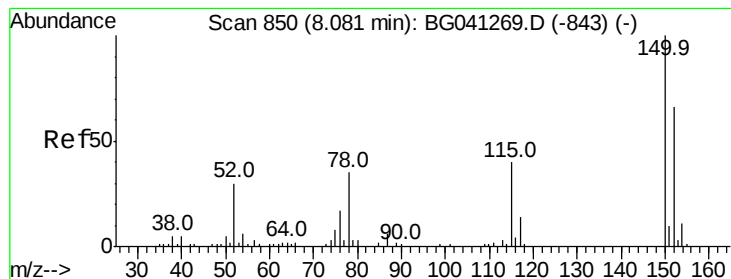
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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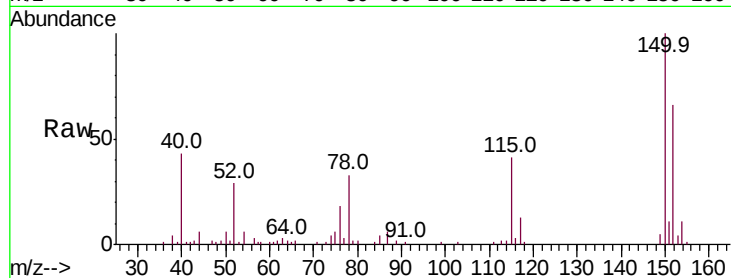


#1

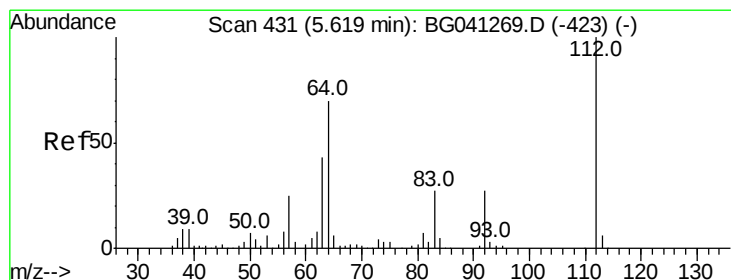
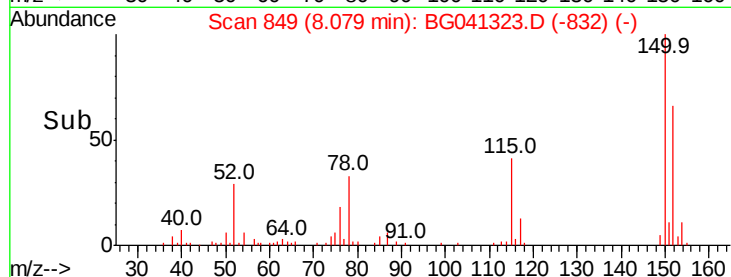
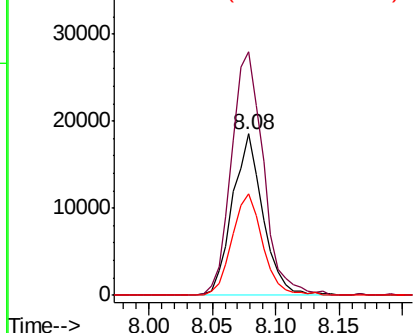
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041323.D
 Acq: 19 Jun 2019 11:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BL

Tot Ion:152 Resp: 30928
 Ion Ratio Lower Upper
 152 100
 150 151.1 120.6 181.0
 115 62.6 47.9 71.9



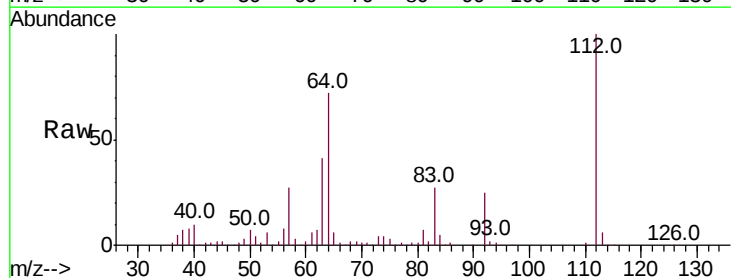
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



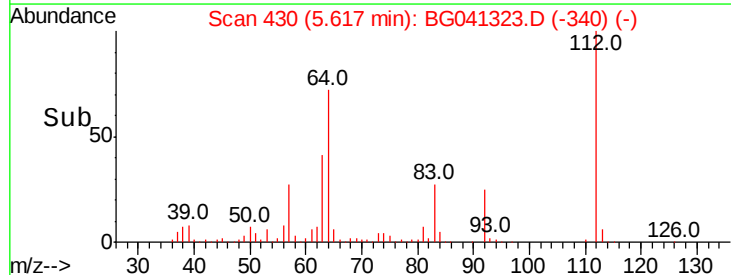
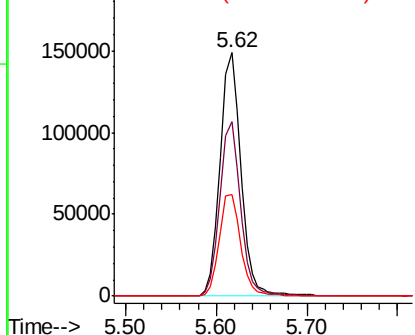
#5

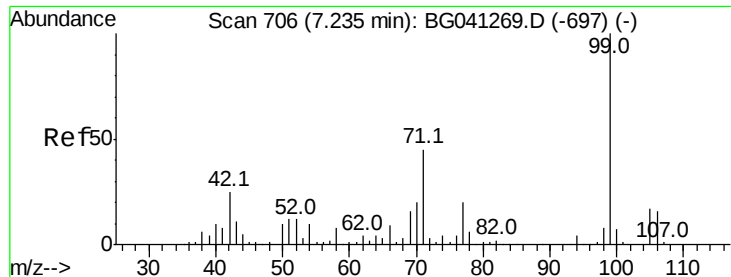
2-Fluorophenol
 Concen: 141.627 ng
 RT: 5.62 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BG041323.D
 Acq: 19 Jun 2019 11:53

Tgt Ion:112 Resp: 238391
 Ion Ratio Lower Upper
 112 100
 64 71.9 55.9 83.9
 63 41.5 34.6 51.8



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: 141.822 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041323.D

Acq: 19 Jun 2019 11:53

Instrument :

BNA_G

ClientSampleId :

PB120669BL

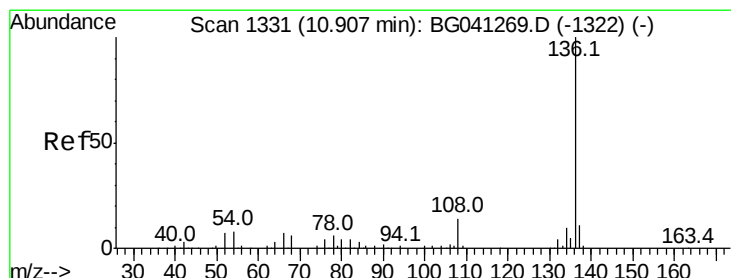
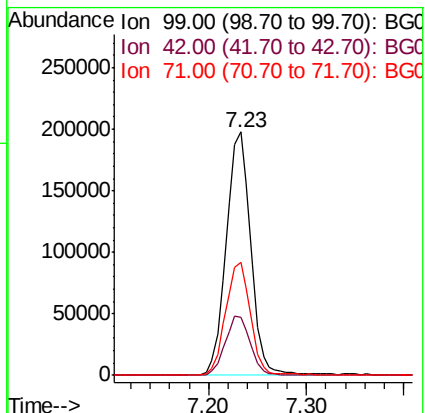
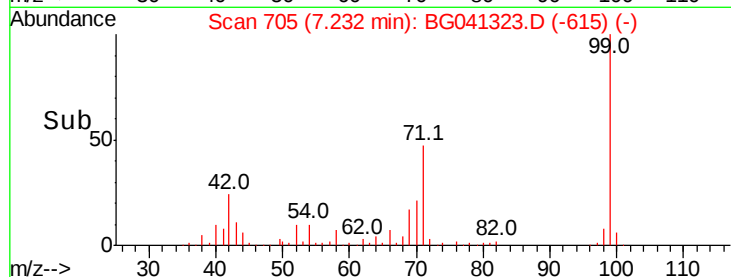
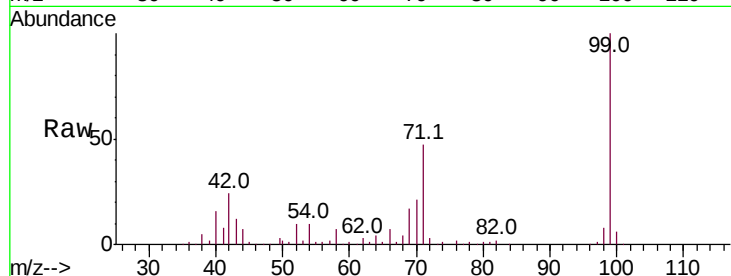
Tot Ion: 99 Resp: 346026

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

71 46.6 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG041323.D

Acq: 19 Jun 2019 11:53

Tgt Ion:136 Resp: 123074

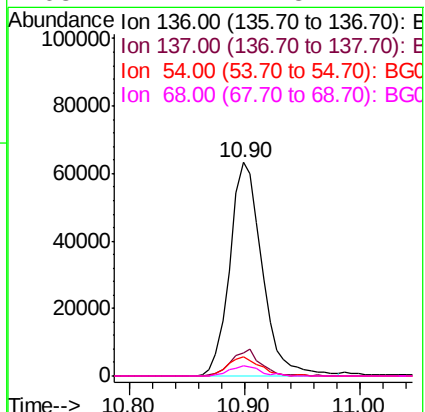
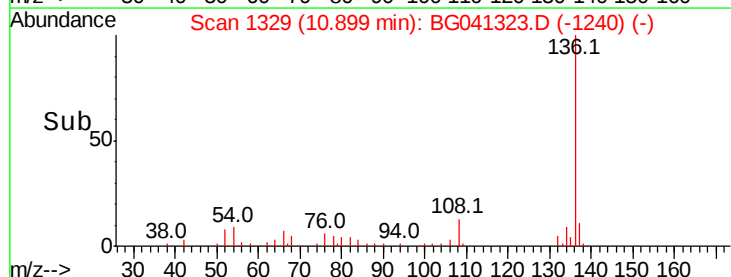
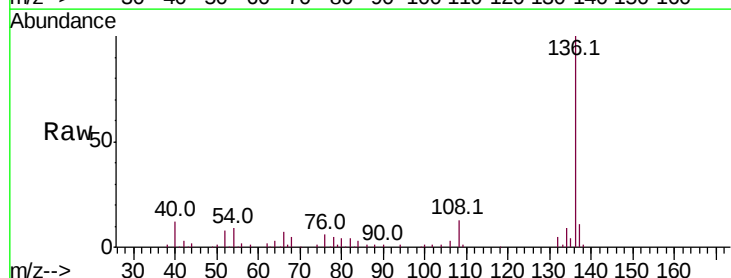
Ion Ratio Lower Upper

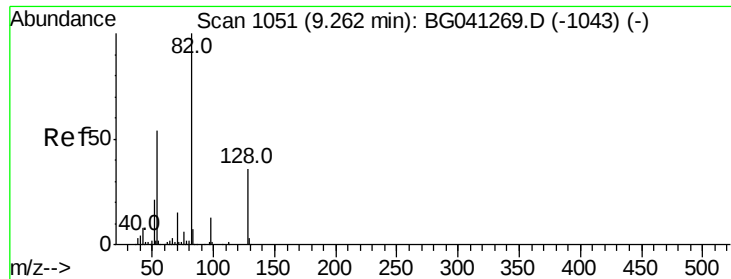
136 100

137 10.7 8.8 13.2

54 9.2 6.4 9.6

68 4.7 4.8 7.2#

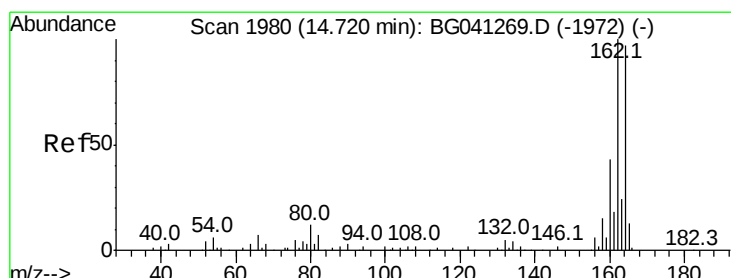
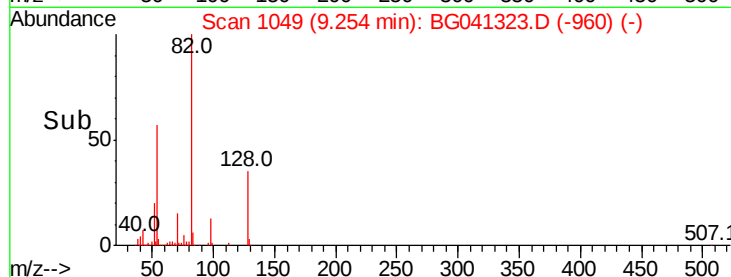
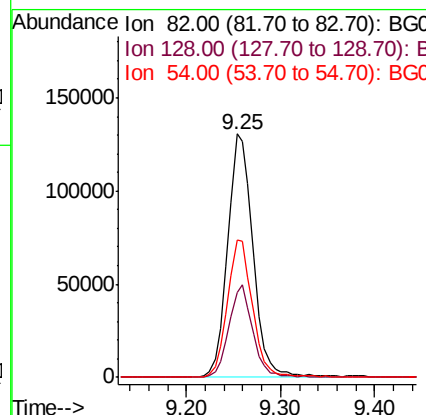
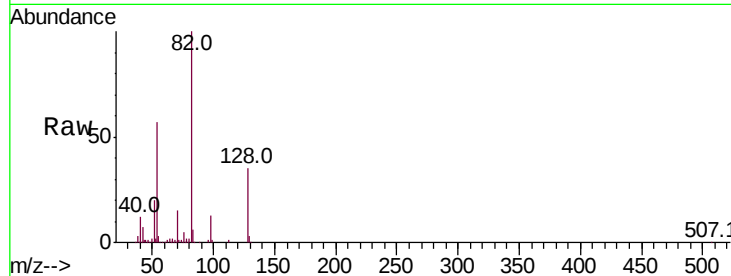




#23
Nitrobenzene-d5
Concen: 83.938 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041323.D
Acq: 19 Jun 2019 11:53

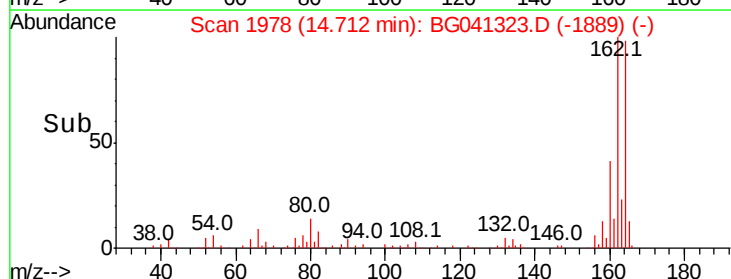
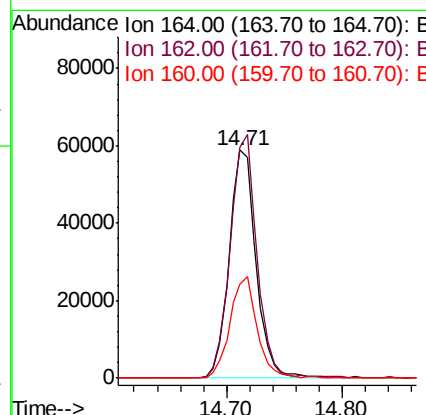
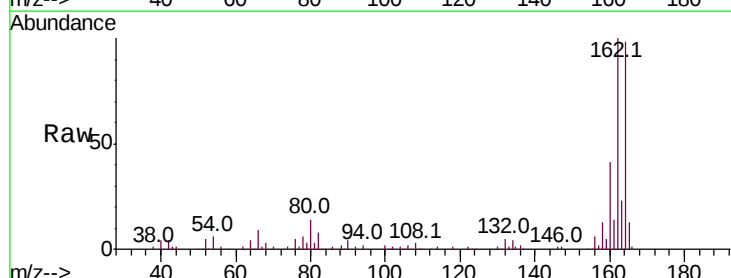
Instrument :
BNA_G
ClientSampleId :
PB120669BL

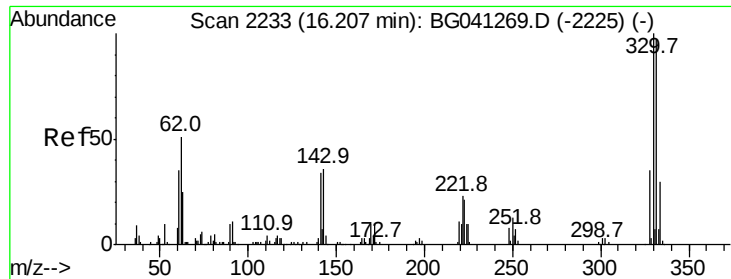
Tot Ion	82	Resp	245638
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.2	43.8
54	56.6	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041323.D
Acq: 19 Jun 2019 11:53

Tgt Ion	164	Resp	94778
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.8	124.2
160	41.4	35.8	53.8

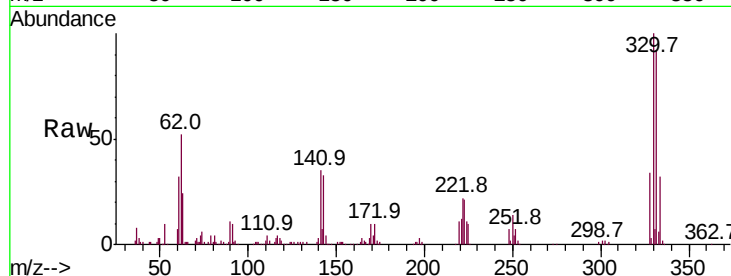




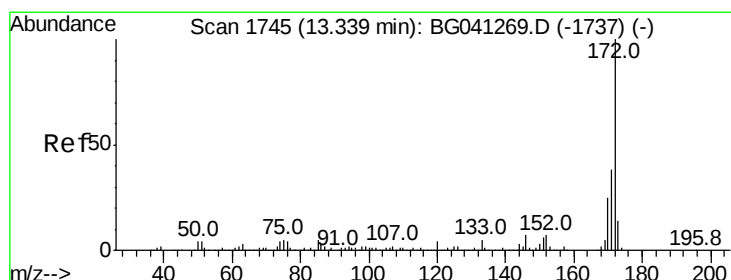
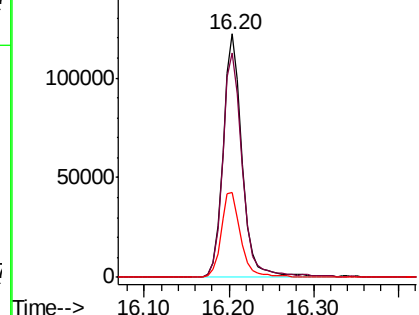
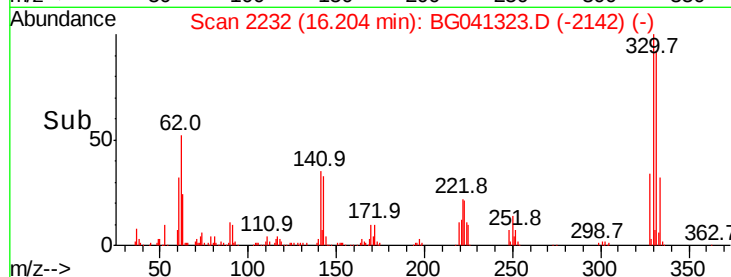
#42
 2,4,6-Tribromophenol
 Concen: 132.466 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041323.D
 Acq: 19 Jun 2019 11:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.5	113.3
141	36.4	29.0	43.4

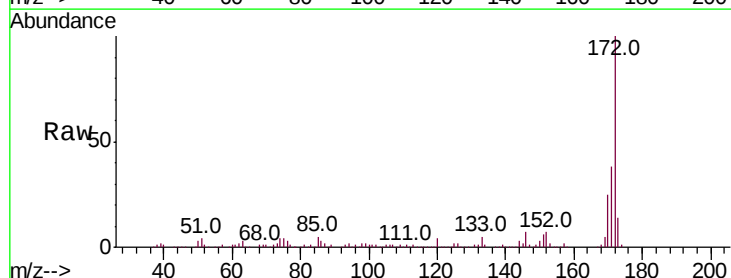


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

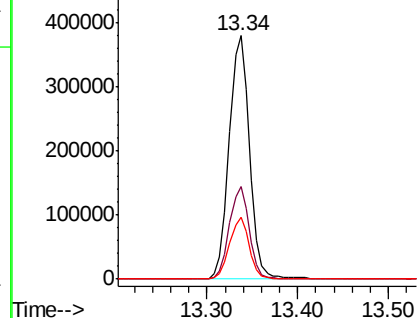
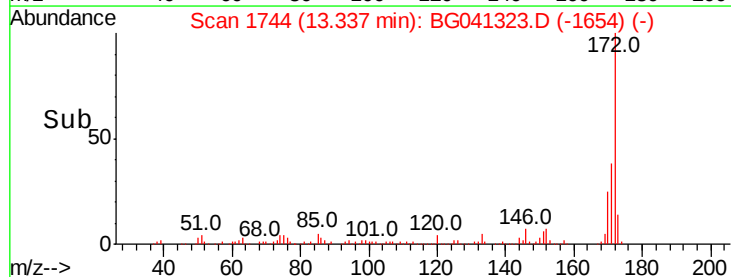


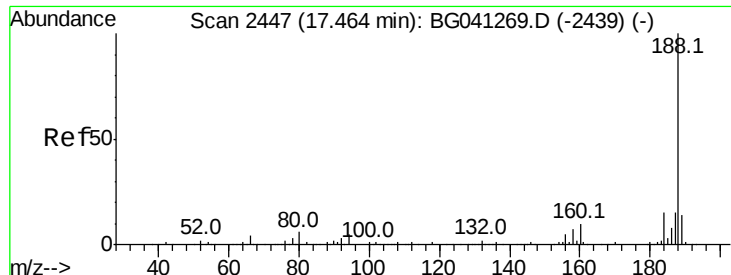
#45
 2-Fluorobiphenyl
 Concen: 84.952 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041323.D
 Acq: 19 Jun 2019 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.3	19.8	29.6



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

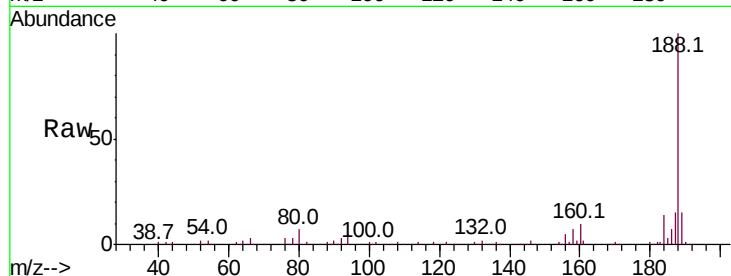




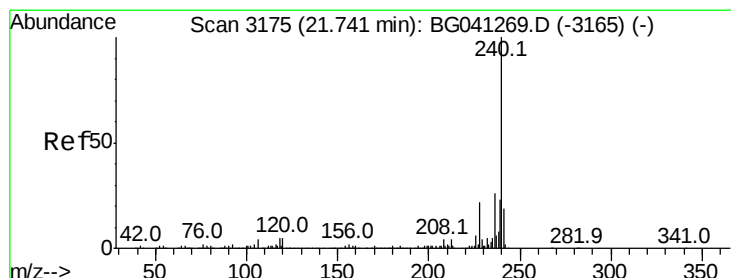
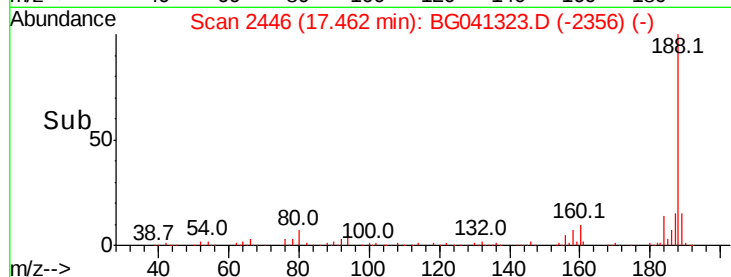
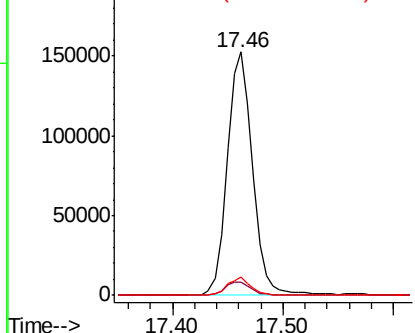
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041323.D
Acq: 19 Jun 2019 11:53

Instrument :
BNA_G
ClientSampleId :
PB120669BL

Tot Ion:188 Resp: 244127
Ion Ratio Lower Upper
188 100
94 5.5 3.6 5.4#
80 7.4 4.8 7.2#

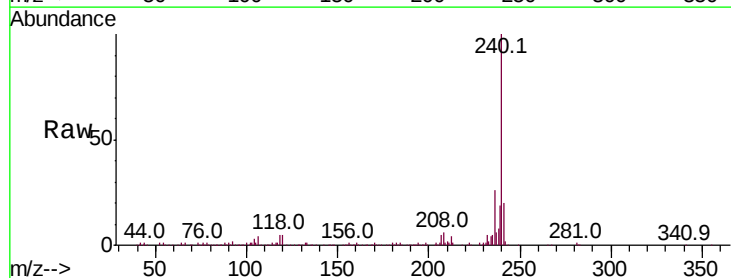


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

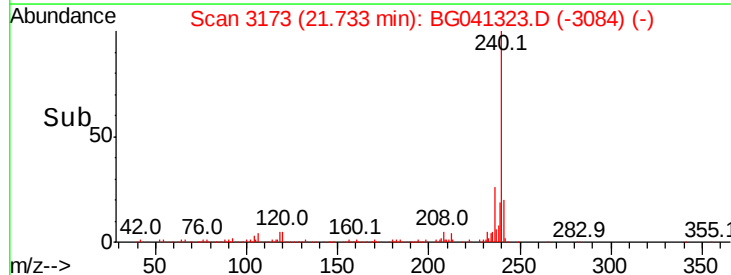
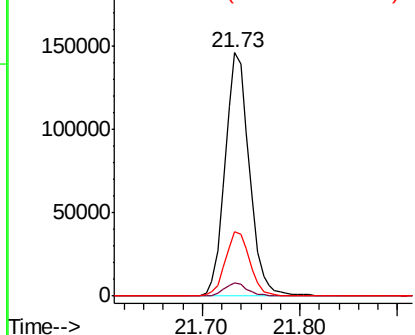


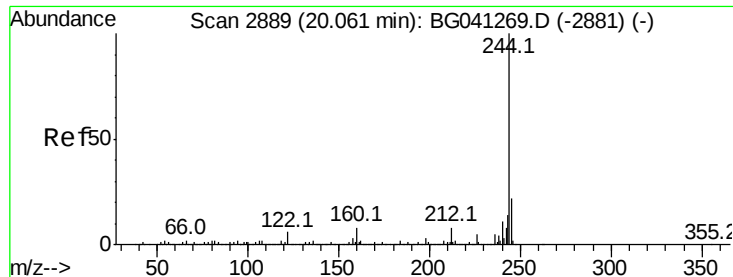
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041323.D
Acq: 19 Jun 2019 11:53

Tgt Ion:240 Resp: 252650
Ion Ratio Lower Upper
240 100
120 5.3 3.7 5.5
236 26.4 21.1 31.7



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: 91.008 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041323.D

Acq: 19 Jun 2019 11:53

Instrument :

BNA_G

ClientSampleId :

PB120669BL

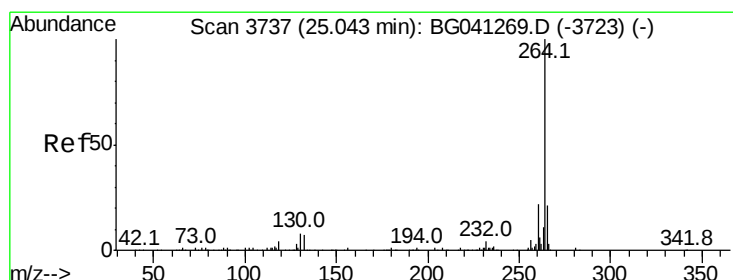
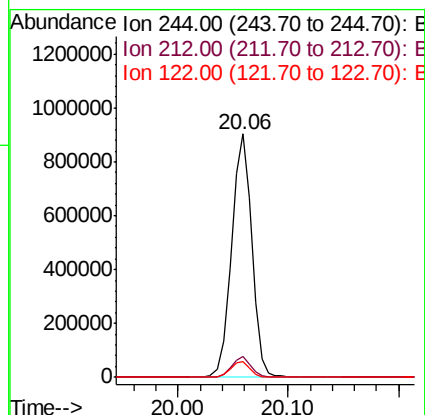
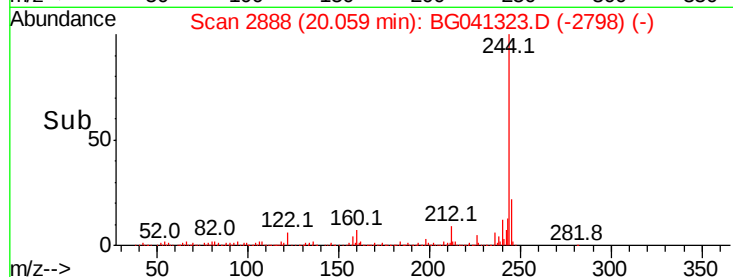
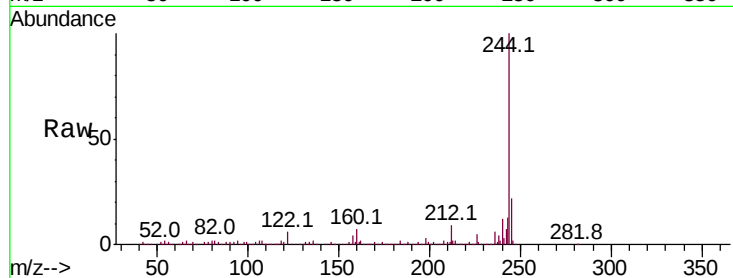
Tot Ion:244 Resp: 1160217

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 6.3 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041323.D

Acq: 19 Jun 2019 11:53

Tgt Ion:264 Resp: 265972

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.2

265 21.1 17.2 25.8

