

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041389.D
 Acq On : 21 Jun 2019 23:07
 Operator : HP/JU
 Sample : K3454-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 30272

Quant Time: Jun 22 01:49:51 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	8.05	152	29078	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	116137	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	86435	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	217612	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	215592	20.00	ng	-0.03
87) Perylene-d12	25.01	264	229270	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	71532	45.20	ng	-0.02
7) Phenol-d6	7.21	99	115847	50.50	ng	-0.02
23) Nitrobenzene-d5	9.23	82	83980	30.41	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	54236	40.87	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	204383	32.14	ng	-0.03
79) Terphenyl-d14	20.04	244	280112	25.75	ng	-0.02

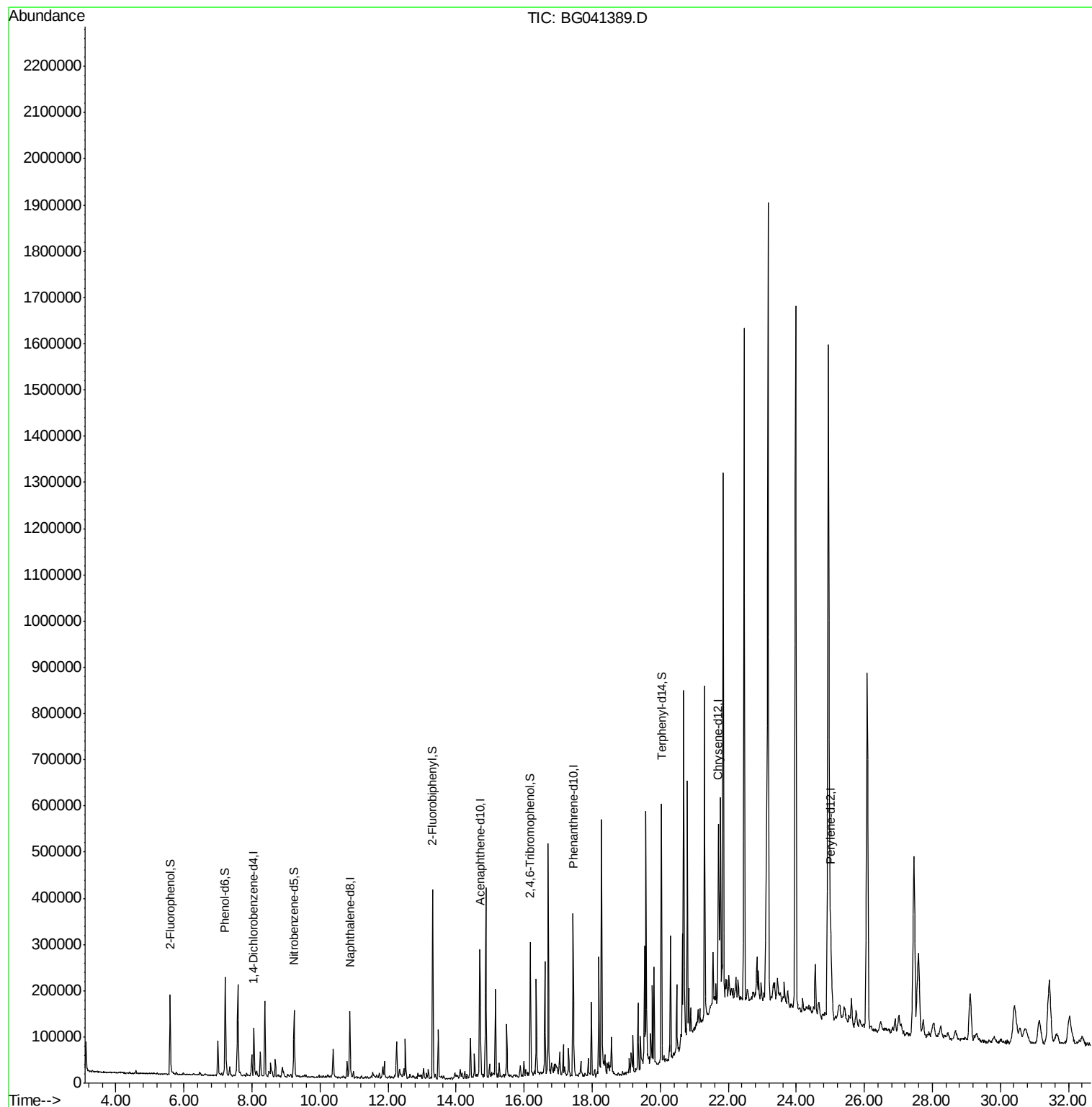
Target Compounds Qvalue

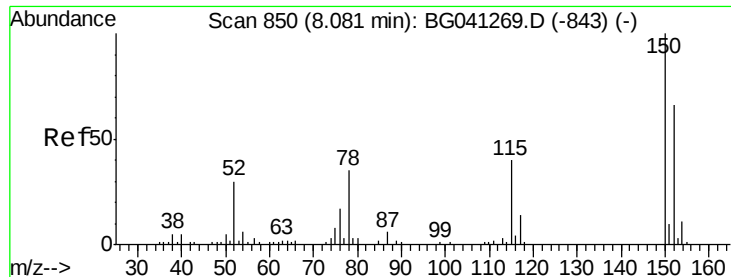
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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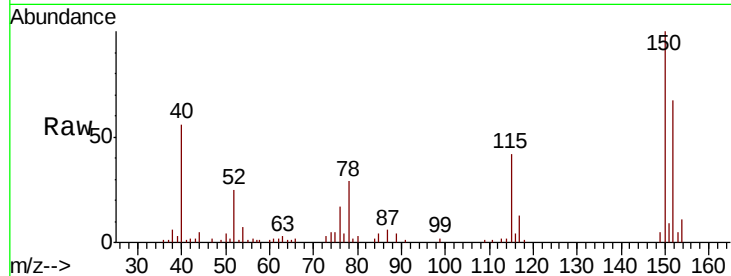


#1

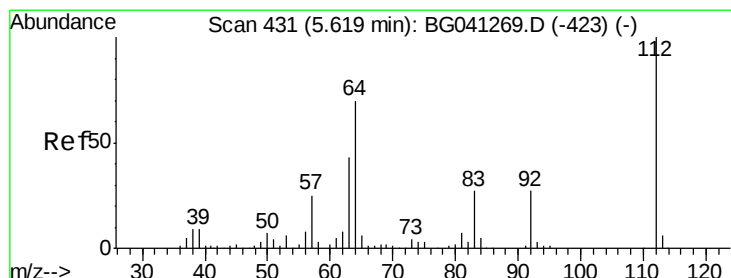
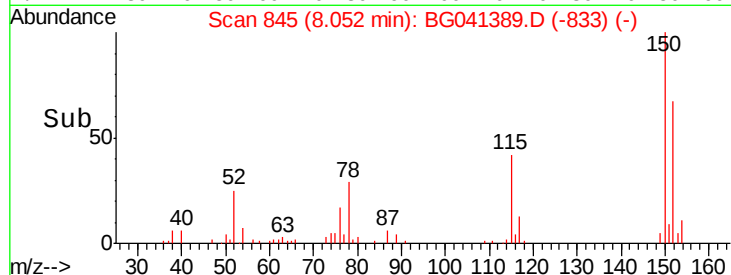
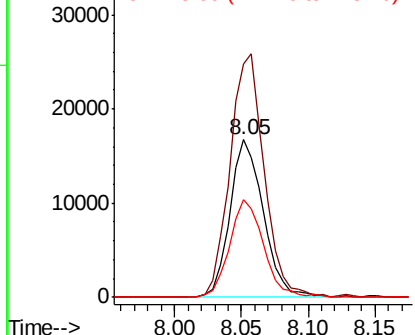
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

Instrument :
BNA_G
ClientSampleId :
30272

Tot Ion:152 Resp: 29078
Ion Ratio Lower Upper
152 100
150 148.3 120.6 181.0
115 62.4 47.9 71.9



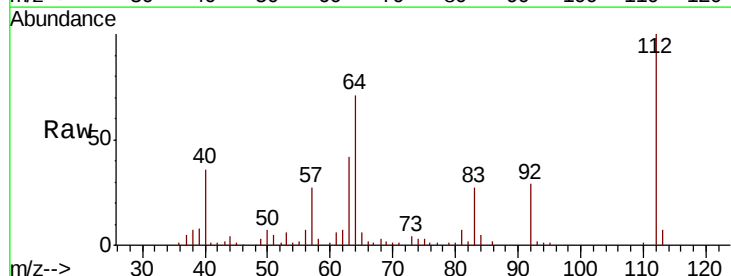
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



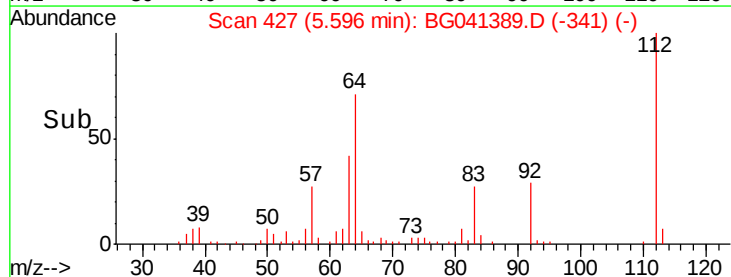
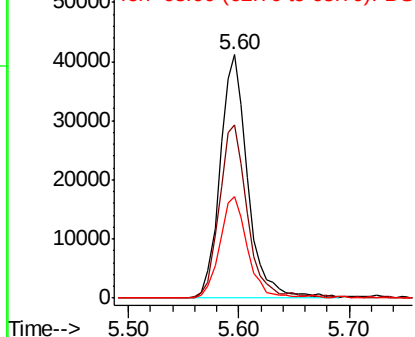
#5

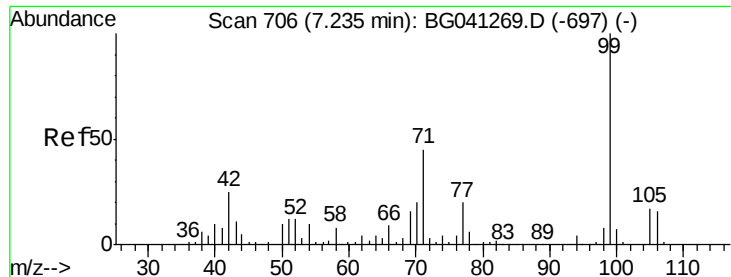
2-Fluorophenol
Concen: 45.200 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

Tgt Ion:112 Resp: 71532
Ion Ratio Lower Upper
112 100
64 71.3 55.9 83.9
63 41.7 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: 50.502 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

Instrument :

BNA_G

ClientSampleId :

30272

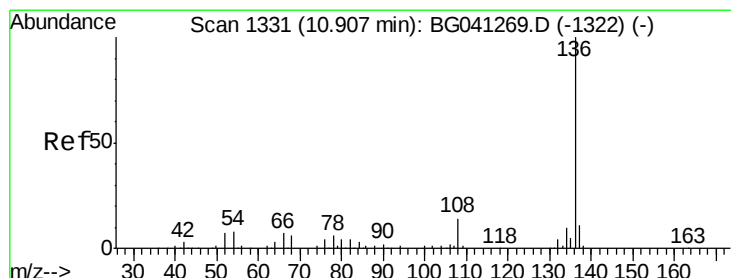
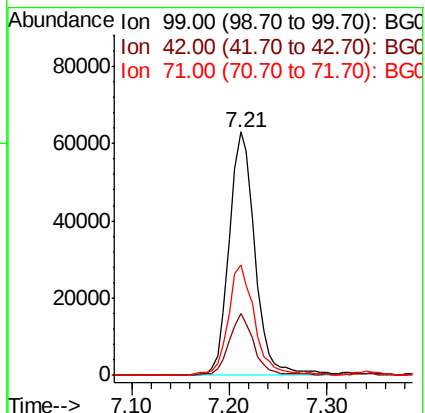
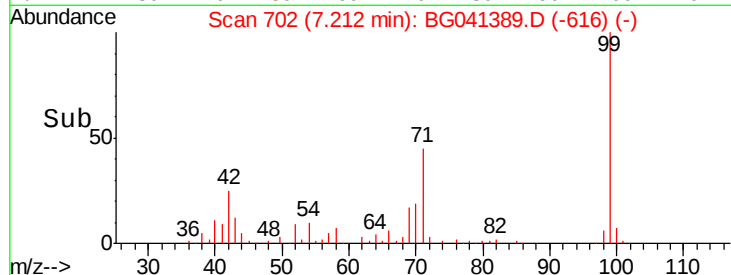
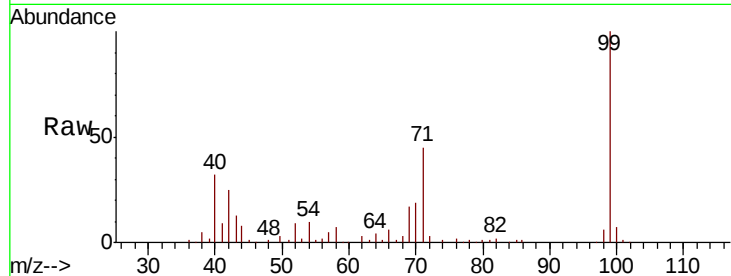
Tot Ion: 99 Resp: 115847

Ion Ratio Lower Upper

99 100

42 25.3 19.9 29.9

71 45.3 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

Tgt Ion: 136 Resp: 116137

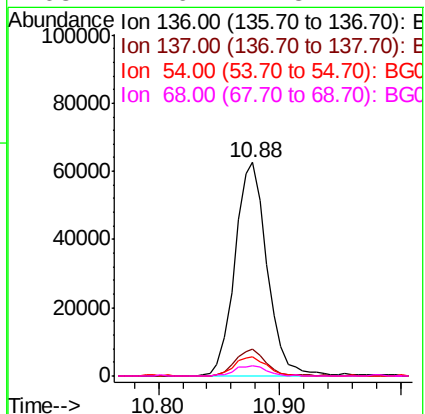
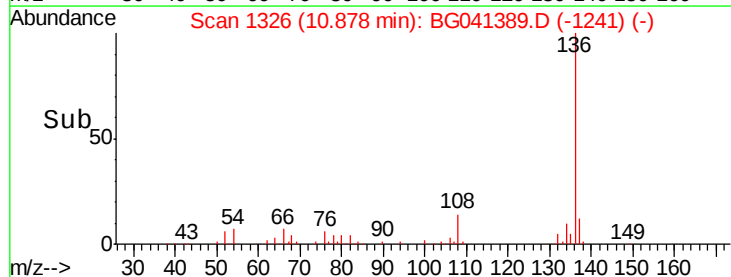
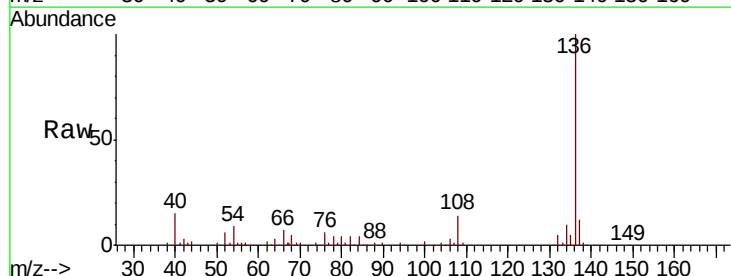
Ion Ratio Lower Upper

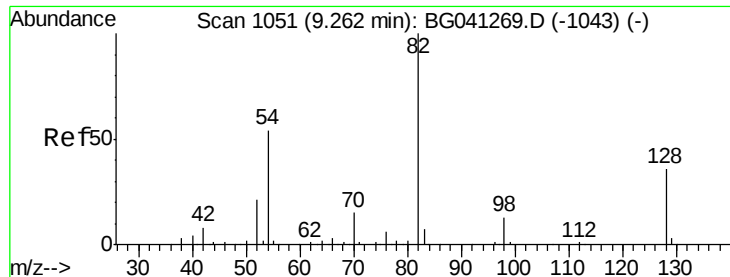
136 100

137 12.3 8.8 13.2

54 8.8 6.4 9.6

68 4.6 4.8 7.2#

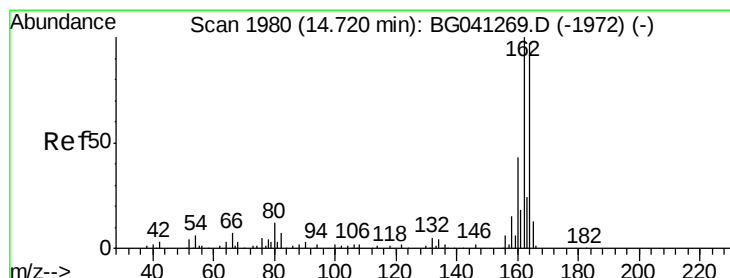
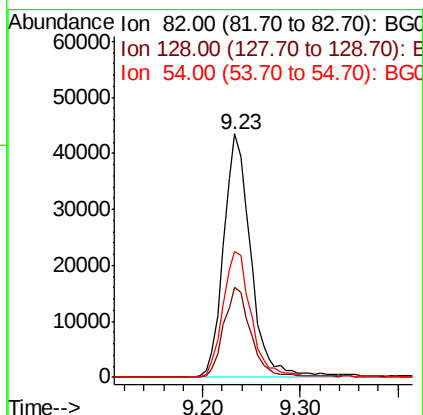
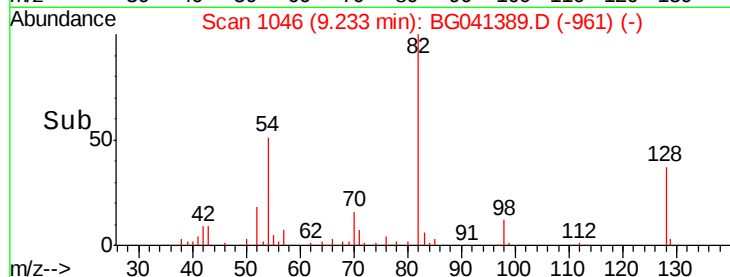
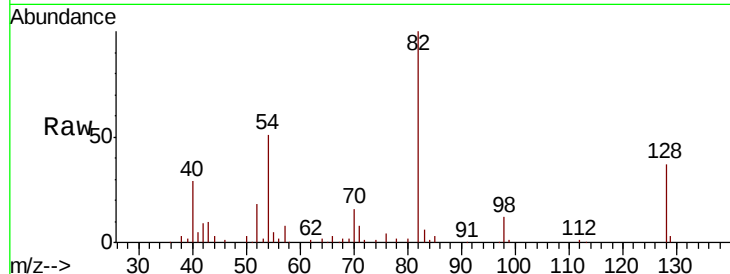




#23
Nitrobenzene-d5
Concen: 30.411 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

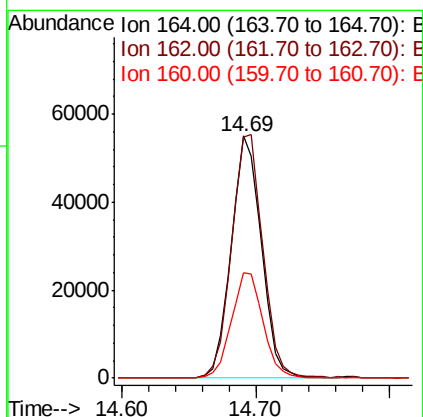
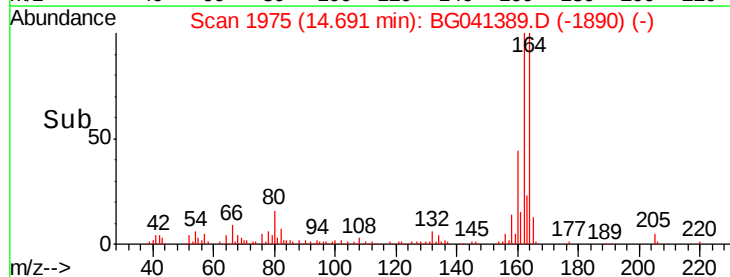
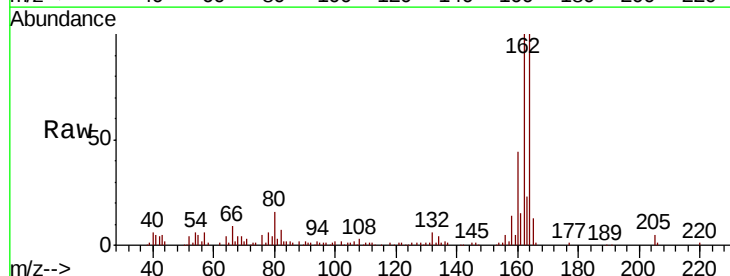
Instrument :
BNA_G
ClientSampleId :
30272

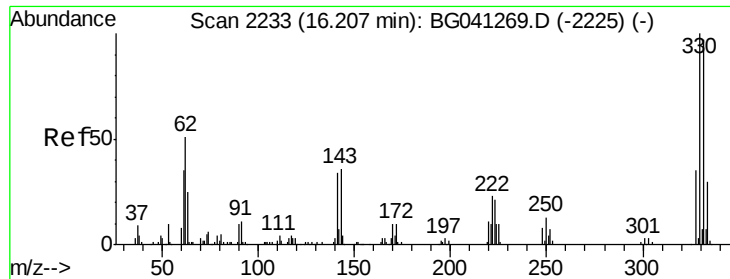
Tot Ion	82	Resp	83980
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.2	43.8
54	51.4	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

Tgt Ion	164	Resp	86435
Ion Ratio	Lower	Upper	
164	100		
162	99.7	82.8	124.2
160	43.7	35.8	53.8

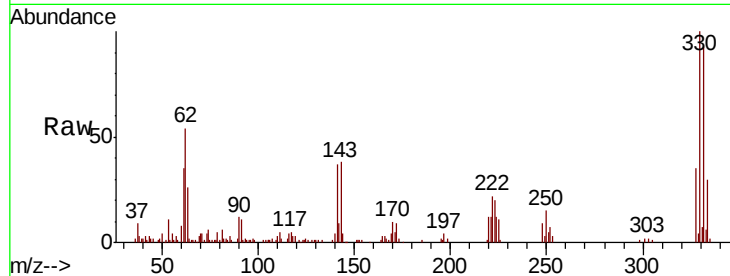




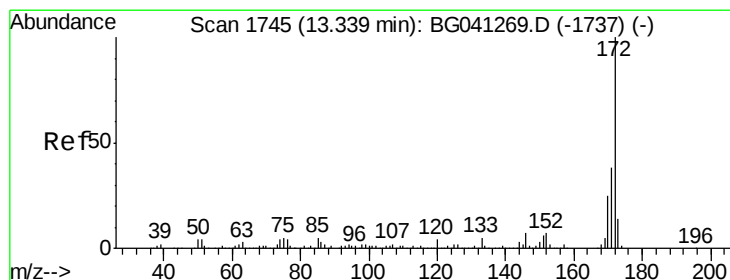
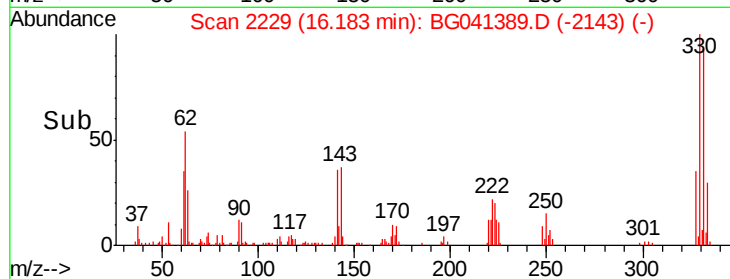
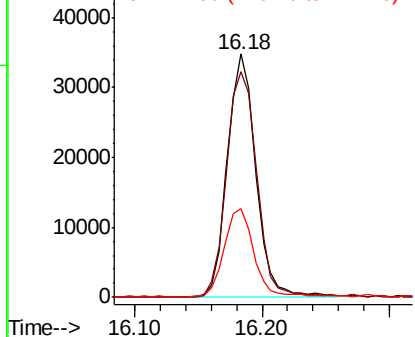
#42
 2,4,6-Tribromophenol
 Concen: 40.872 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

Instrument :
 BNA_G
 ClientSampleId :
 30272

Tot Ion:330 Resp: 54236
 Ion Ratio Lower Upper
 330 100
 332 98.6 75.5 113.3
 141 37.3 29.0 43.4

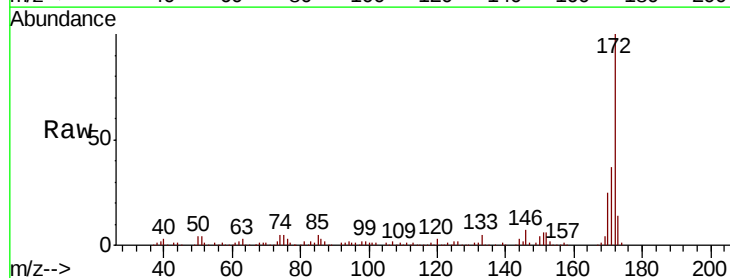


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

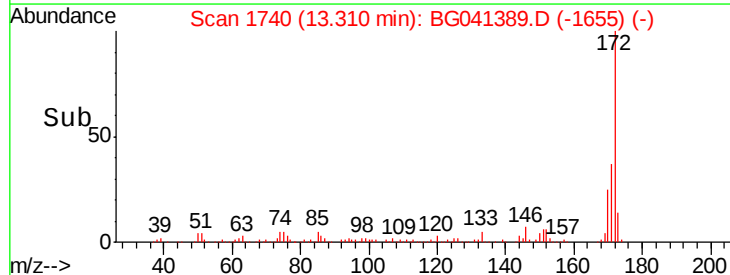
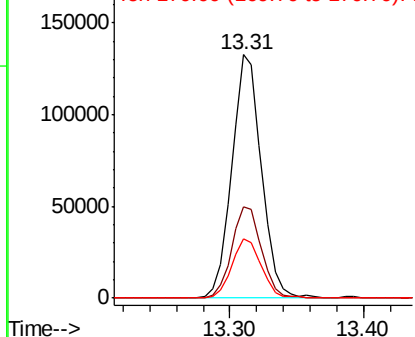


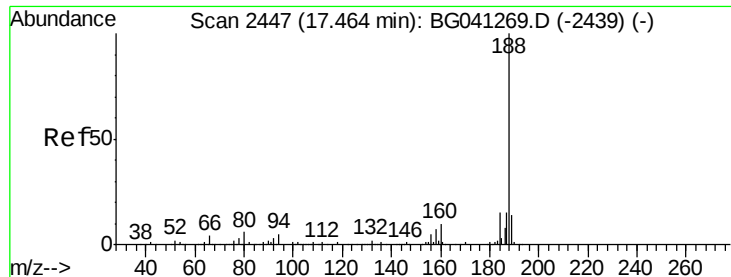
#45
 2-Fluorobiphenyl
 Concen: 32.138 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

Tgt Ion:172 Resp: 204383
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.6 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: 17.44 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

Instrument :

BNA_G

ClientSampleId :

30272

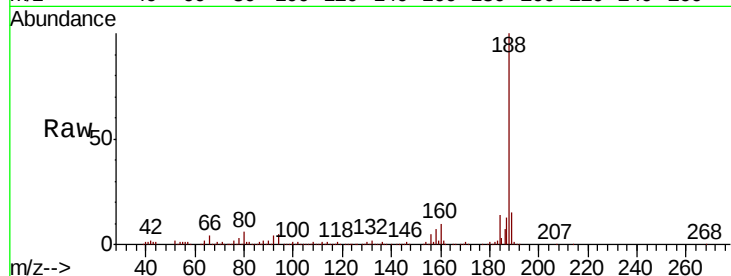
Tot Ion:188 Resp: 217612

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

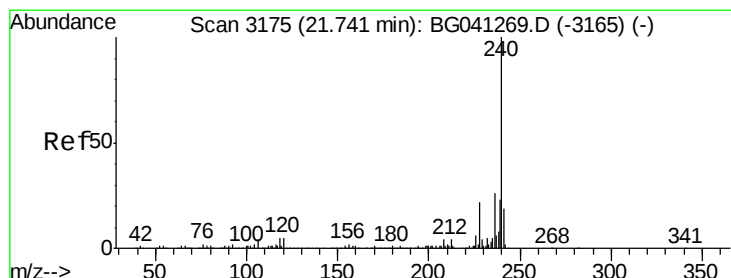
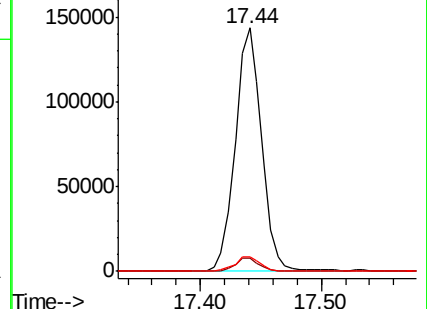
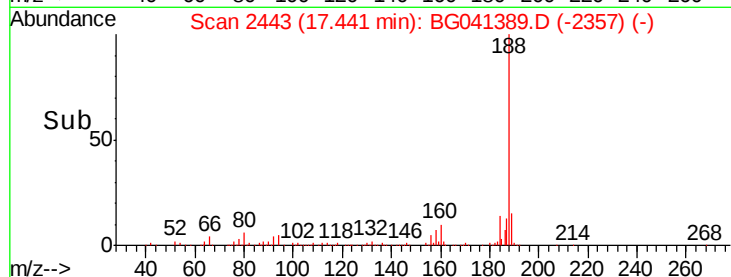
80 6.1 4.8 7.2



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: 21.71 min Scan# 3170

Delta R.T. -0.03 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

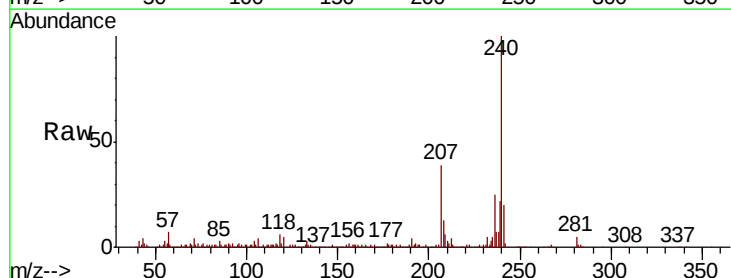
Tgt Ion:240 Resp: 215592

Ion Ratio Lower Upper

240 100

120 5.0 3.7 5.5

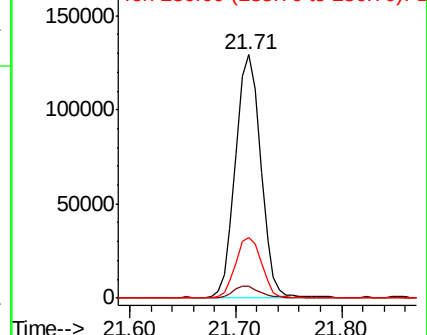
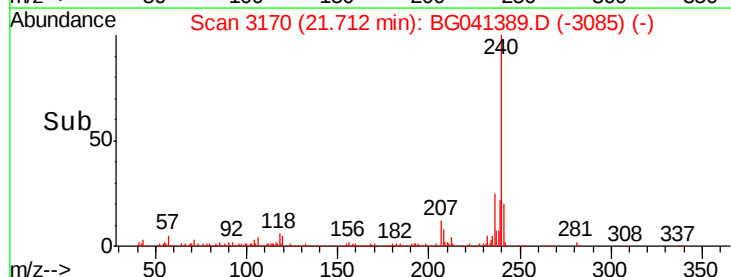
236 24.8 21.1 31.7

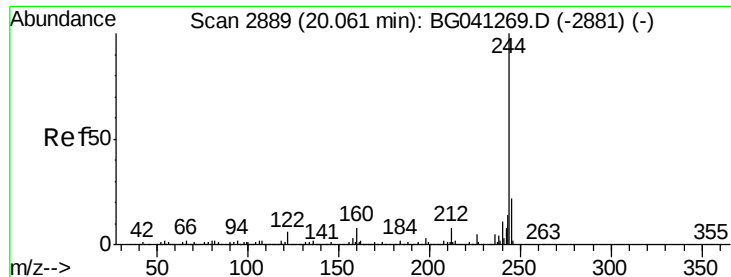


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 25.749 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

Instrument :

BNA_G

ClientSampled :

30272

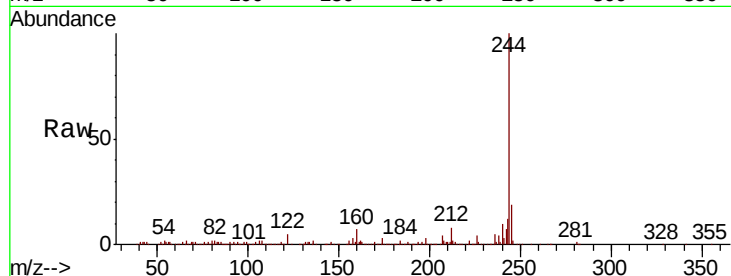
Tot Ion:244 Resp: 280112

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

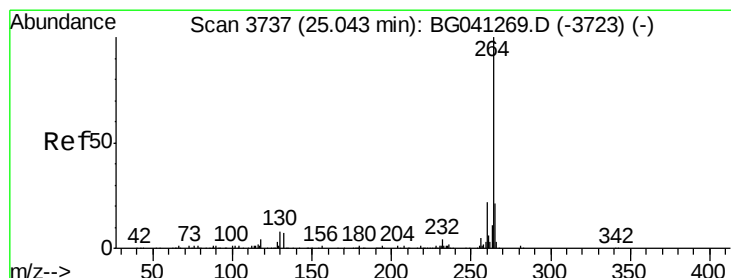
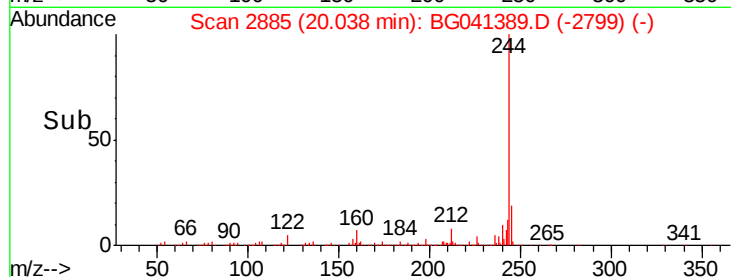
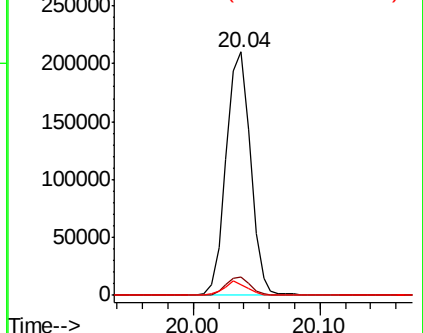
122 4.6 5.0 7.4#



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. -0.04 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

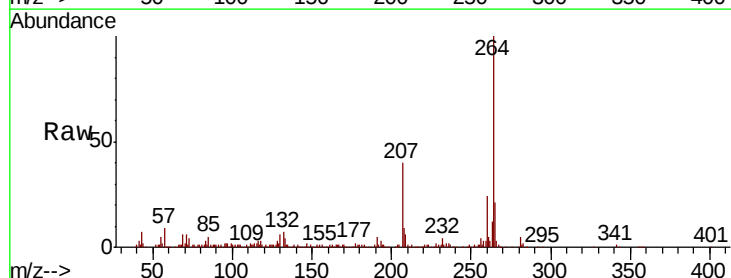
Tgt Ion:264 Resp: 229270

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.2

265 21.0 17.2 25.8



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

