

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041309.D
 Acq On : 18 Jun 2019 22:32
 Operator : HP/JU
 Sample : K3419-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Quant Time: Jun 19 07:18:18 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

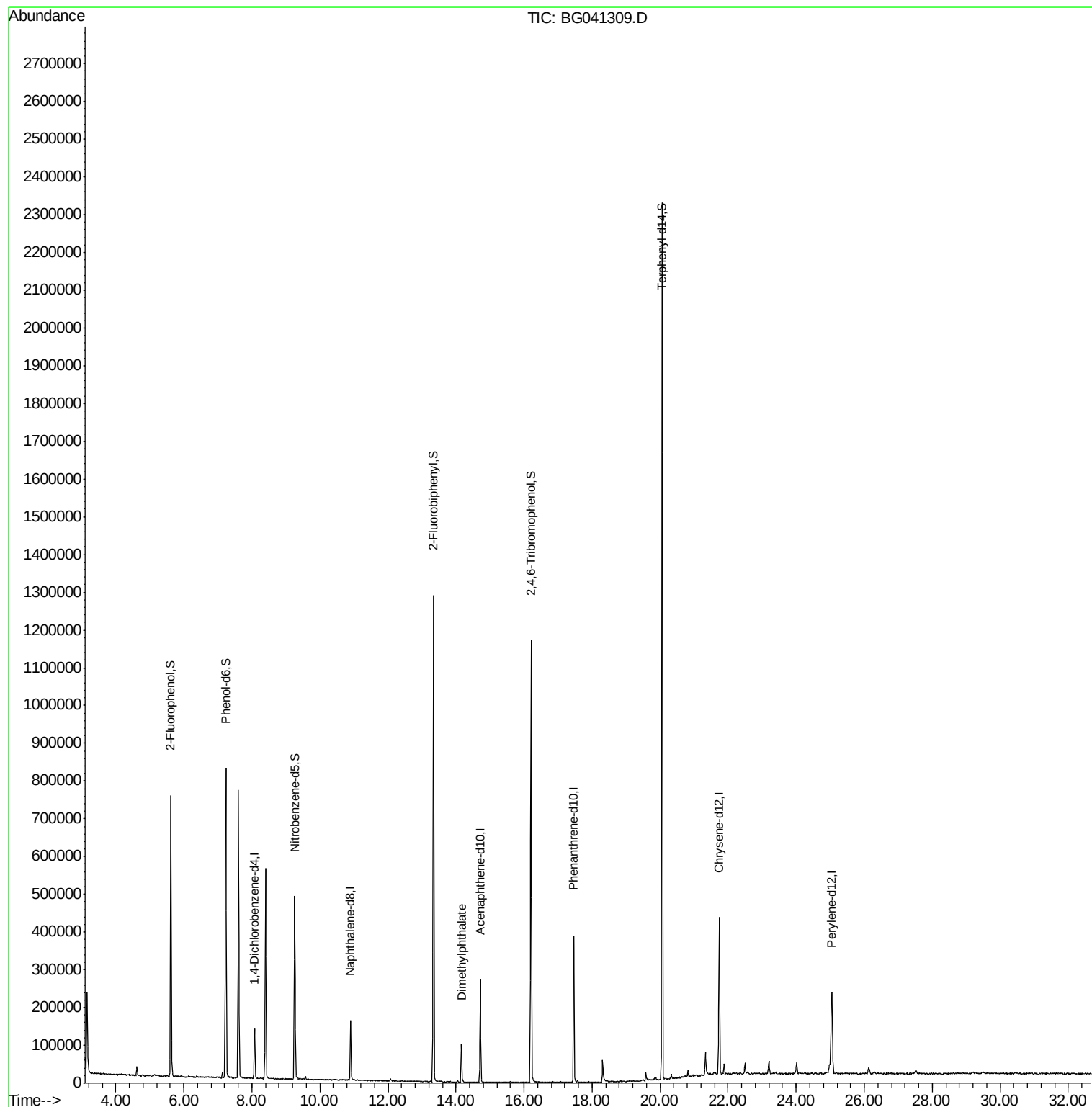
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34463	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	130865	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	97855	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	245431	20.00	ng	0.00
76) Chrysene-d12	21.73	240	250431	20.00	ng	0.00
87) Perylene-d12	25.04	264	257230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	279880	149.22	ng	0.00
7) Phenol-d6	7.23	99	412936	151.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	290445	93.34	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	213658	142.22	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	638431	88.67	ng	0.00
79) Terphenyl-d14	20.06	244	1046259	82.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	65987	7.579	ng	Qvalue 100

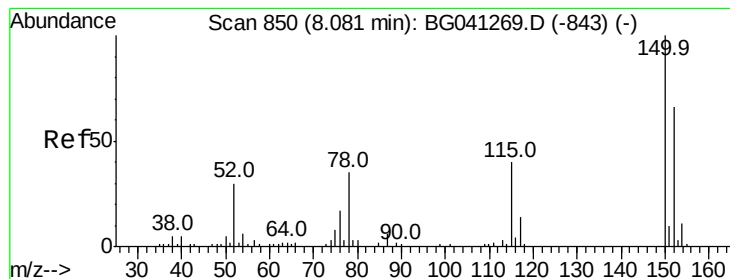
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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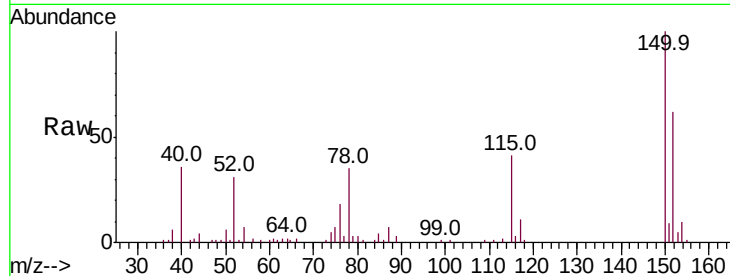


#1

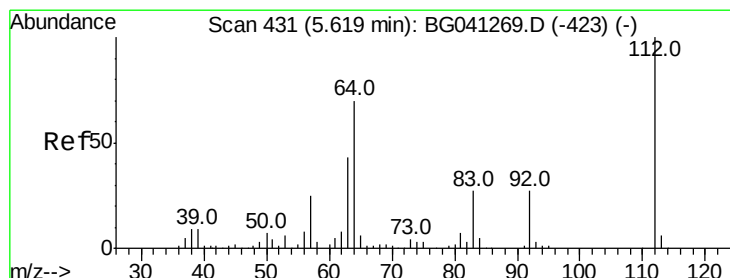
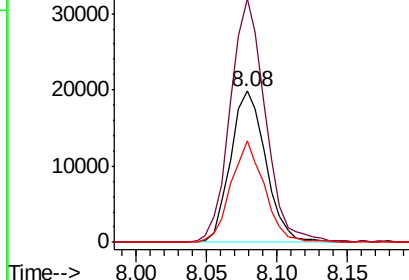
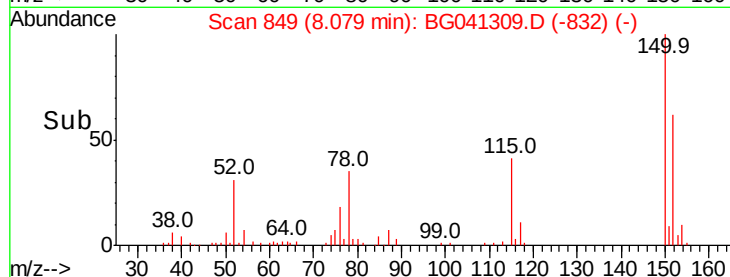
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041309.D
Acq: 18 Jun 2019 22:32

Instrument :
BNA_G
ClientSampleId :
TP-C

Tot Ion:152 Resp: 34463
Ion Ratio Lower Upper
152 100
150 161.2 120.6 181.0
115 66.8 47.9 71.9



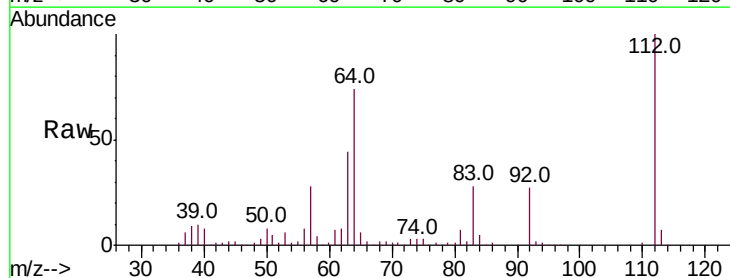
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



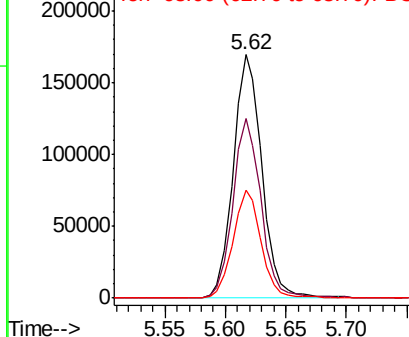
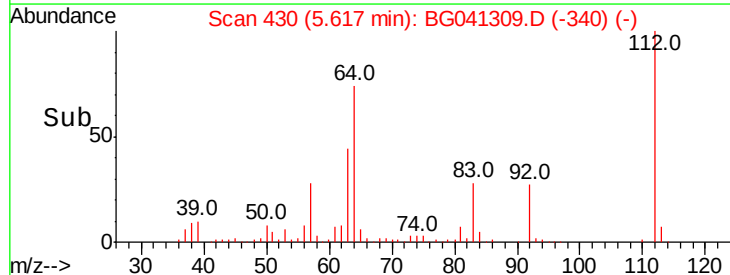
#5

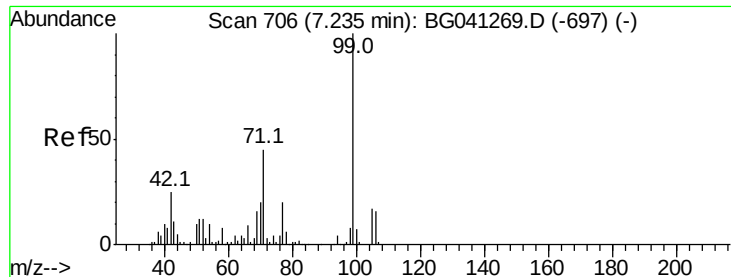
2-Fluorophenol
Concen: 149.220 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041309.D
Acq: 18 Jun 2019 22:32

Tgt Ion:112 Resp: 279880
Ion Ratio Lower Upper
112 100
64 73.7 55.9 83.9
63 44.1 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: 151.885 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

TP-C

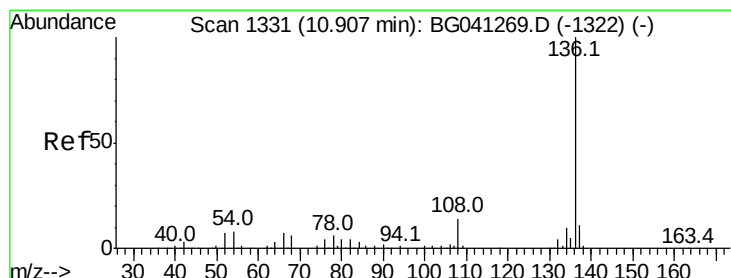
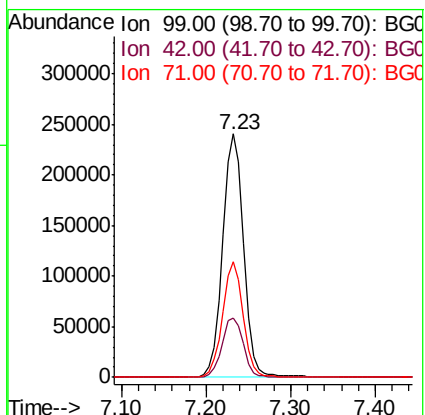
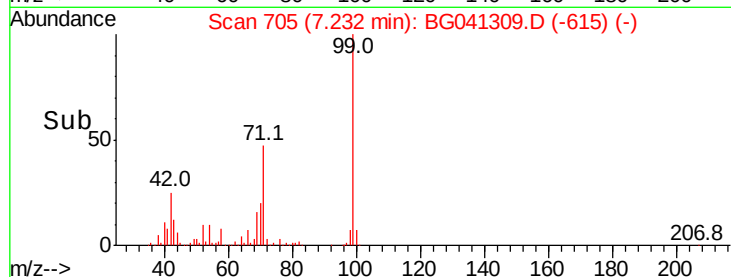
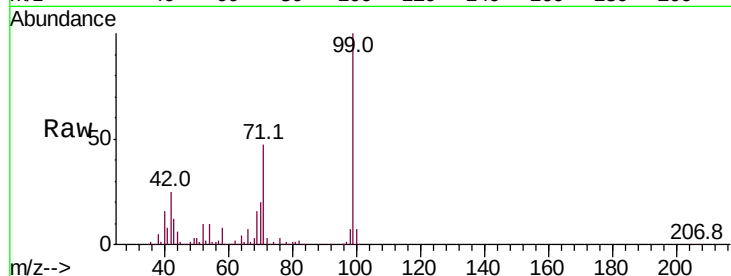
Tot Ion: 99 Resp: 412936

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

71 47.3 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: BG041309.D

Acq: 18 Jun 2019 22:32

Tgt Ion: 136 Resp: 130865

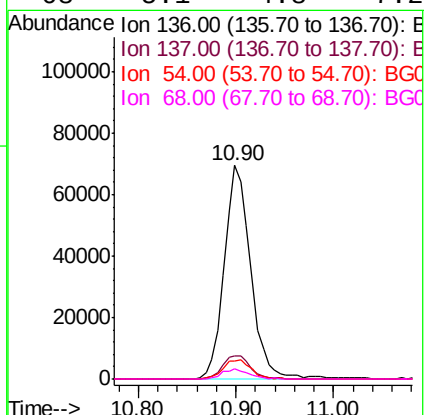
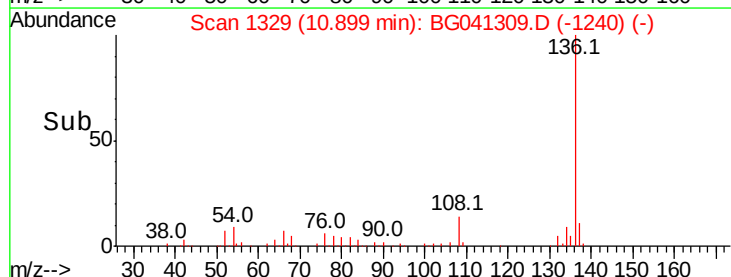
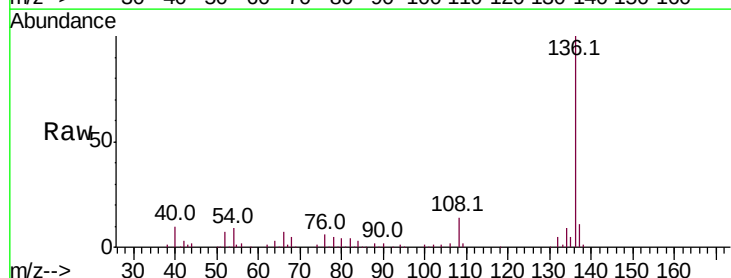
Ion Ratio Lower Upper

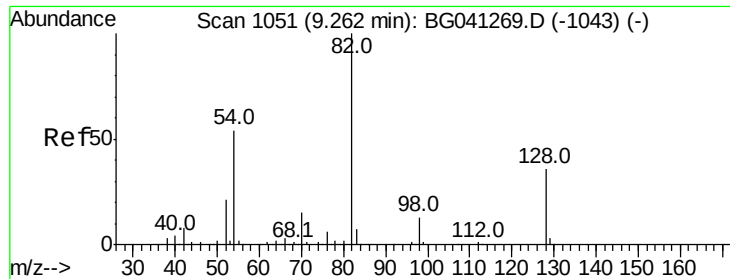
136 100

137 10.8 8.8 13.2

54 9.4 6.4 9.6

68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.341 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

TP-C

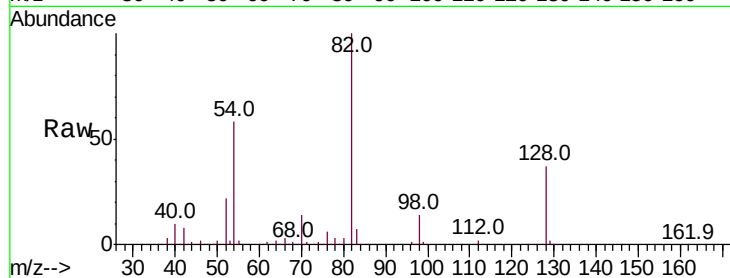
Tot Ion: 82 Resp: 290445

Ion Ratio Lower Upper

82 100

128 37.5 29.2 43.8

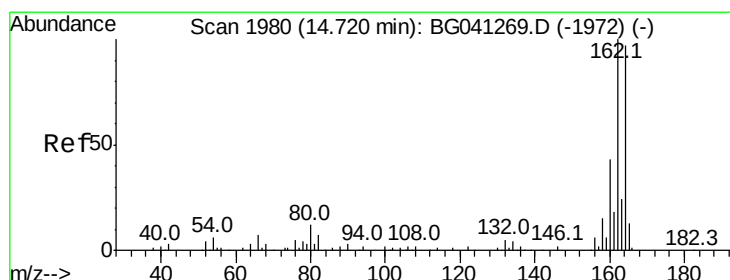
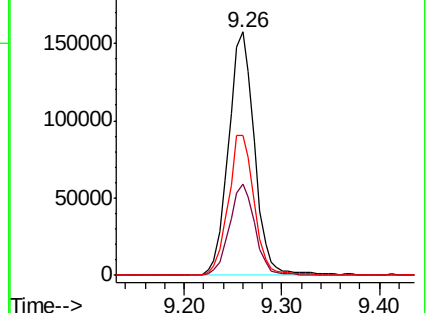
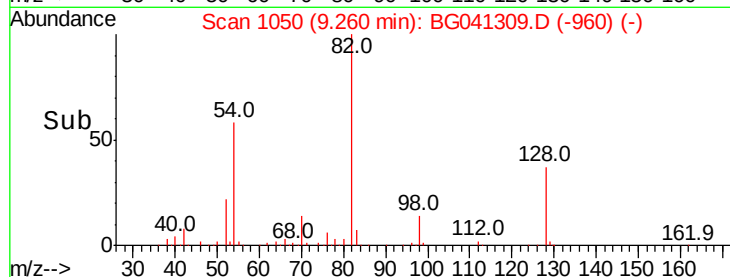
54 57.7 43.4 65.0



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: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

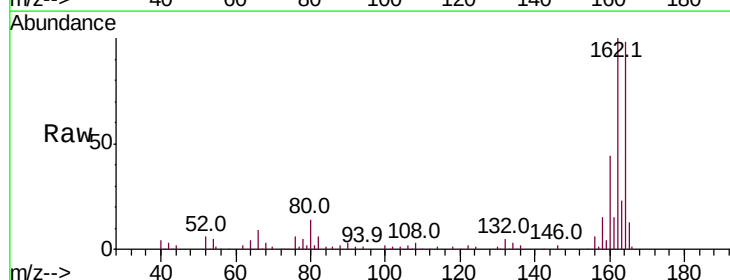
Tgt Ion: 164 Resp: 97855

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

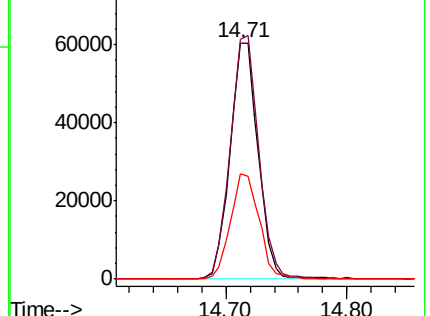
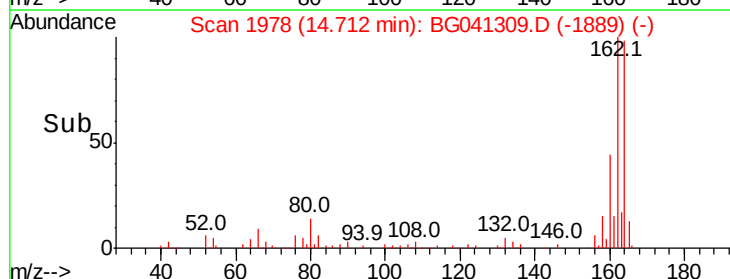
160 44.9 35.8 53.8

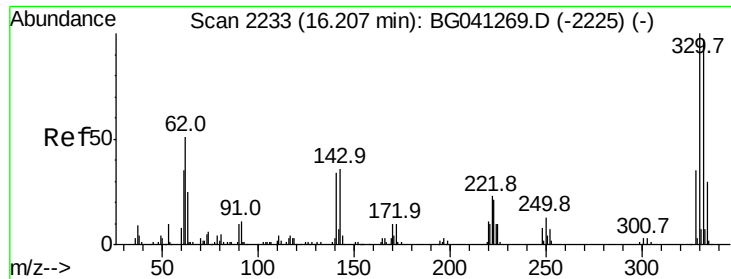


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

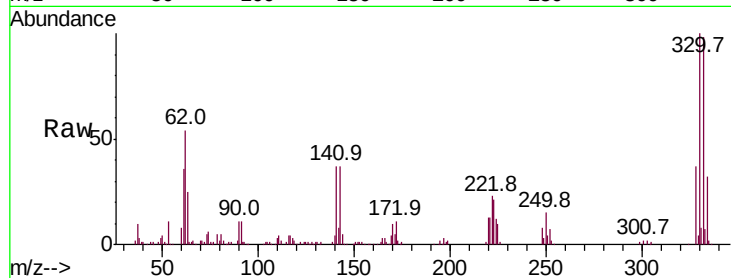




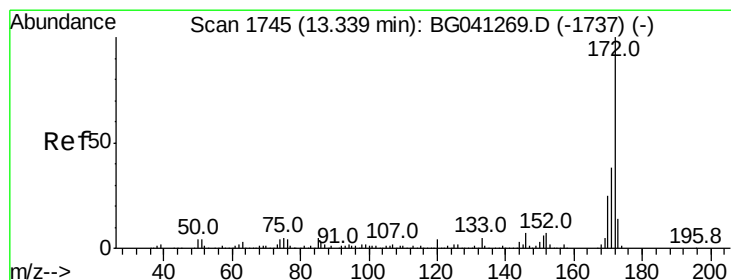
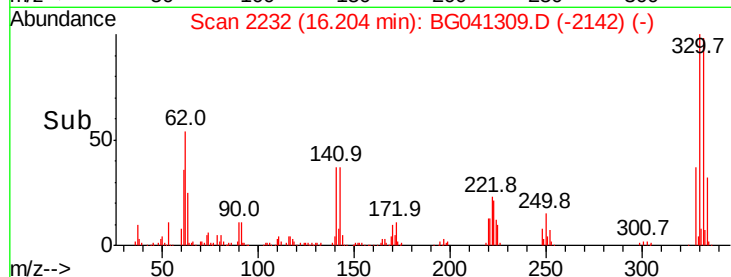
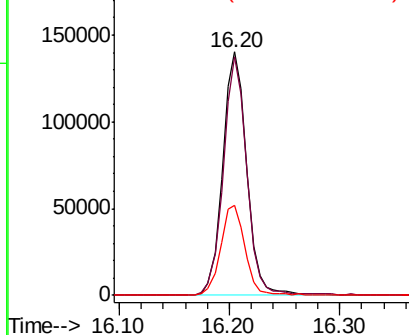
#42
 2,4,6-Tribromophenol
 Concen: 142.221 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041309.D
 Acq: 18 Jun 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.5	113.3
141	37.1	29.0	43.4

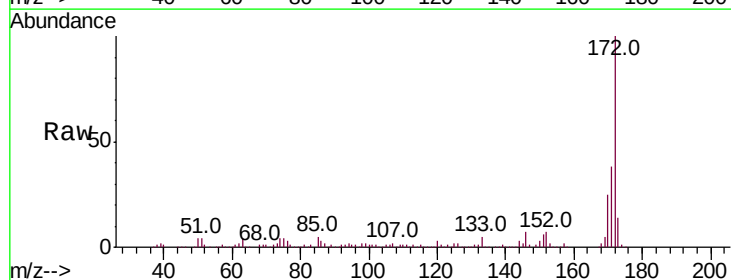


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

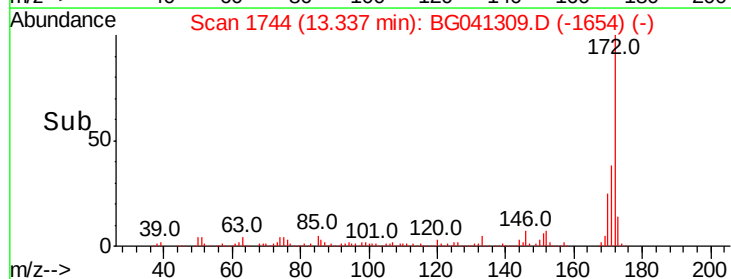
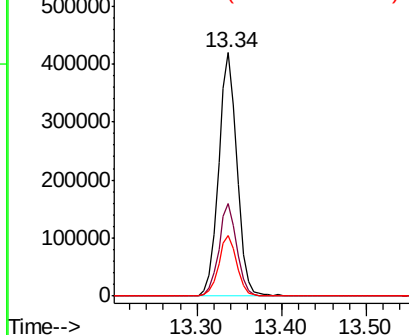


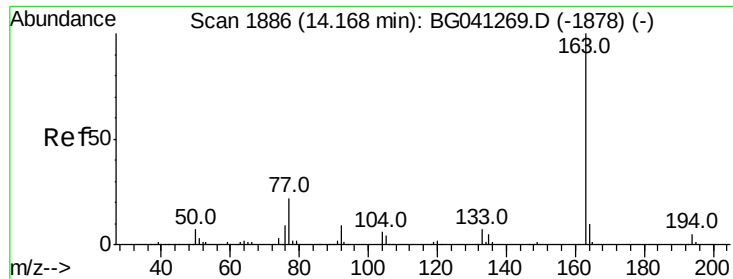
#45
 2-Fluorobiphenyl
 Concen: 88.675 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041309.D
 Acq: 18 Jun 2019 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.7	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





#50

Dimethylphthalate

Concen: 7.579 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

TP-C

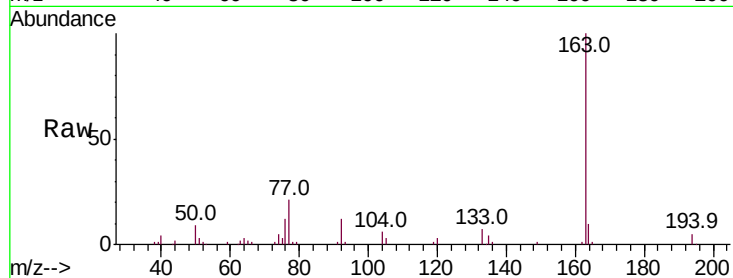
Tot Ion:163 Resp: 65987

Ion Ratio Lower Upper

163 100

194 5.2 3.9 5.9

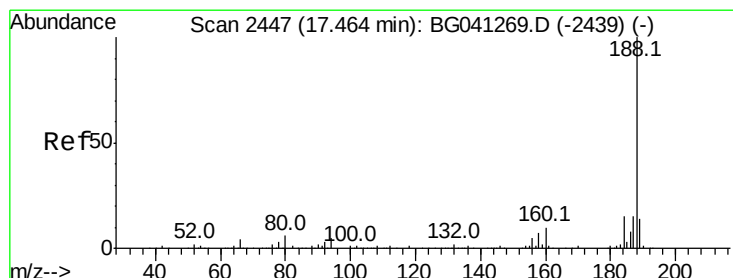
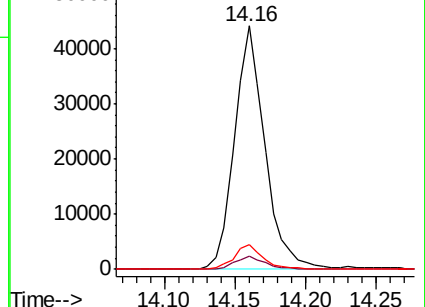
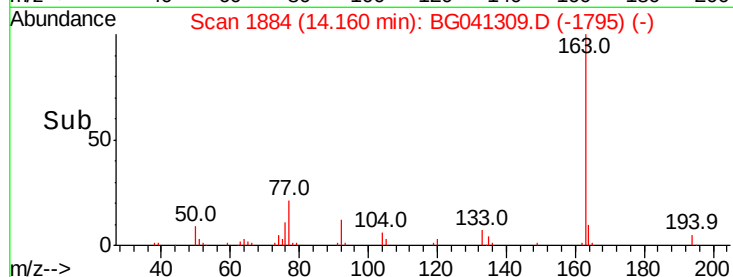
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

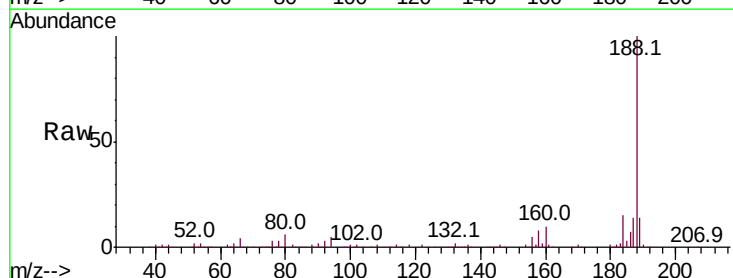
Tgt Ion:188 Resp: 245431

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

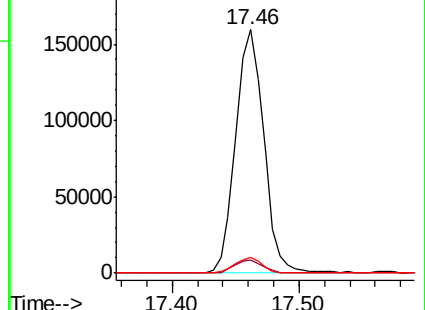
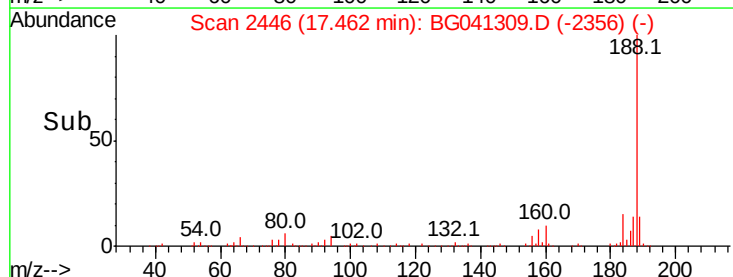
80 6.4 4.8 7.2

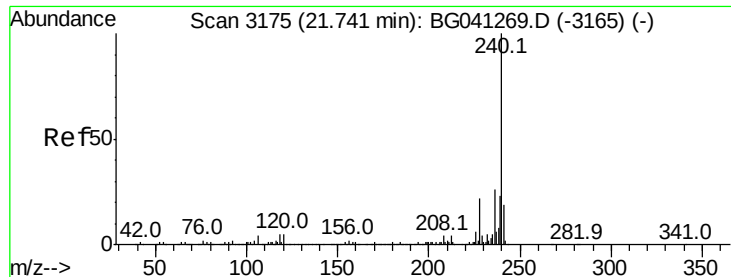


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

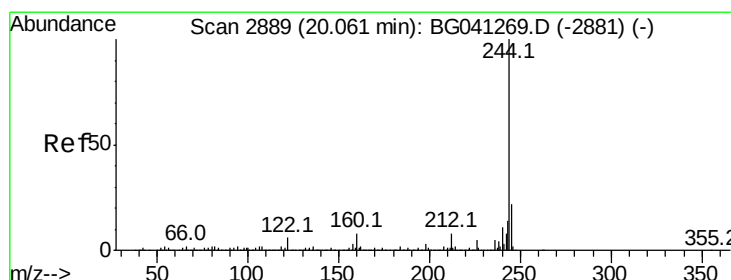
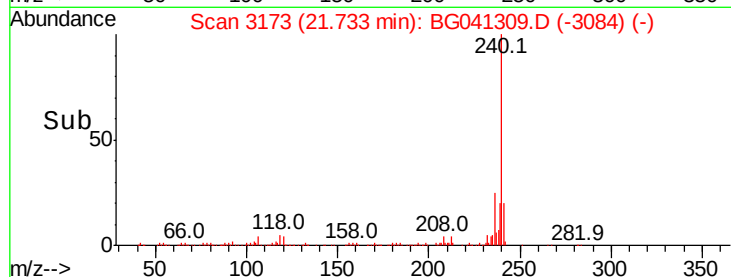
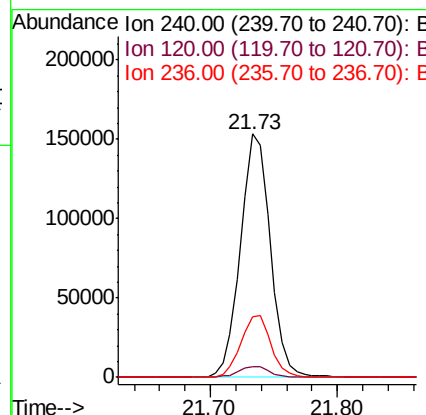
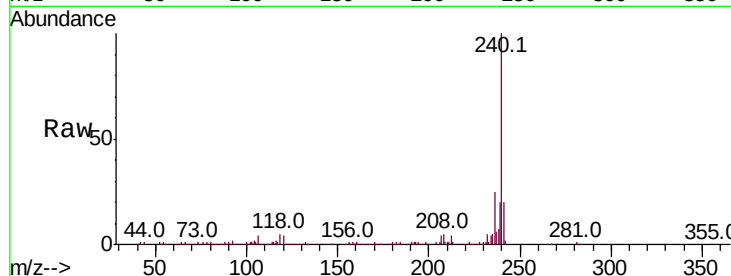




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041309.D
 Acq: 18 Jun 2019 22:32

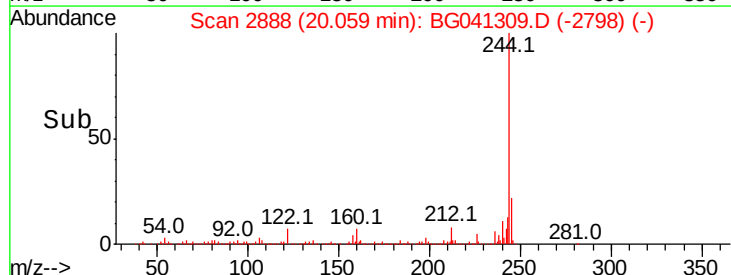
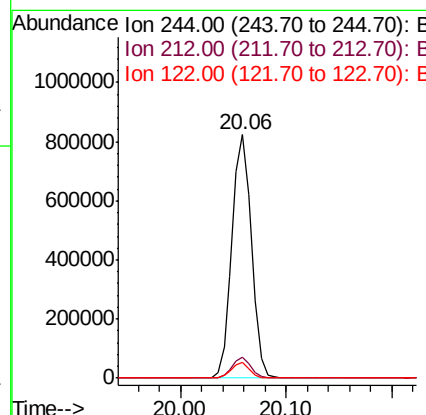
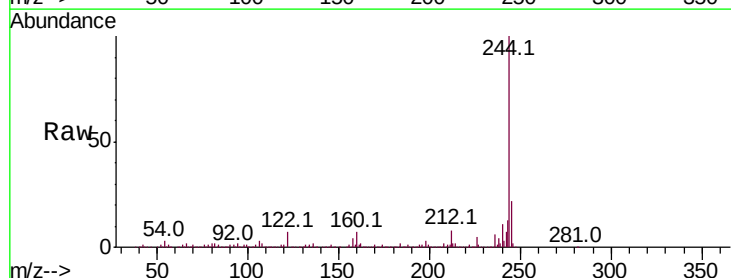
Instrument :
 BNA_G
 ClientSampleId :
 TP-C

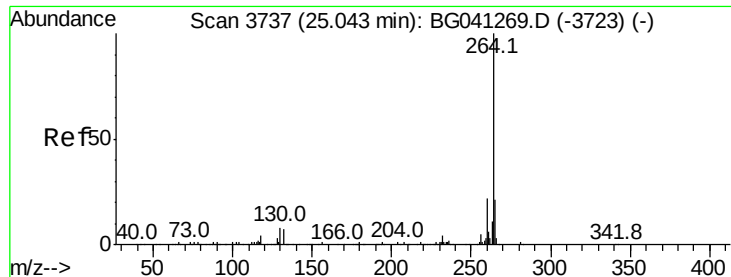
Tot Ion:240 Resp: 250431
 Ion Ratio Lower Upper
 240 100
 120 4.2 3.7 5.5
 236 25.1 21.1 31.7



#79
 Terphenyl-d14
 Concen: 82.796 ng
 RT: 20.06 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: BG041309.D
 Acq: 18 Jun 2019 22:32

Tgt Ion:244 Resp: 1046259
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 6.7 5.0 7.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BG041309.D
Acq: 18 Jun 2019 22:32

Instrument :
BNA_G
ClientSampleId :
TP-C

Tot Ion:	264	Resp:	257230
Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.2
265	22.5	17.2	25.8

