

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040206.D
 Acq On : 28 Mar 2019 19:04
 Operator : JU/SJ
 Sample : K2107-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 29 07:50:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

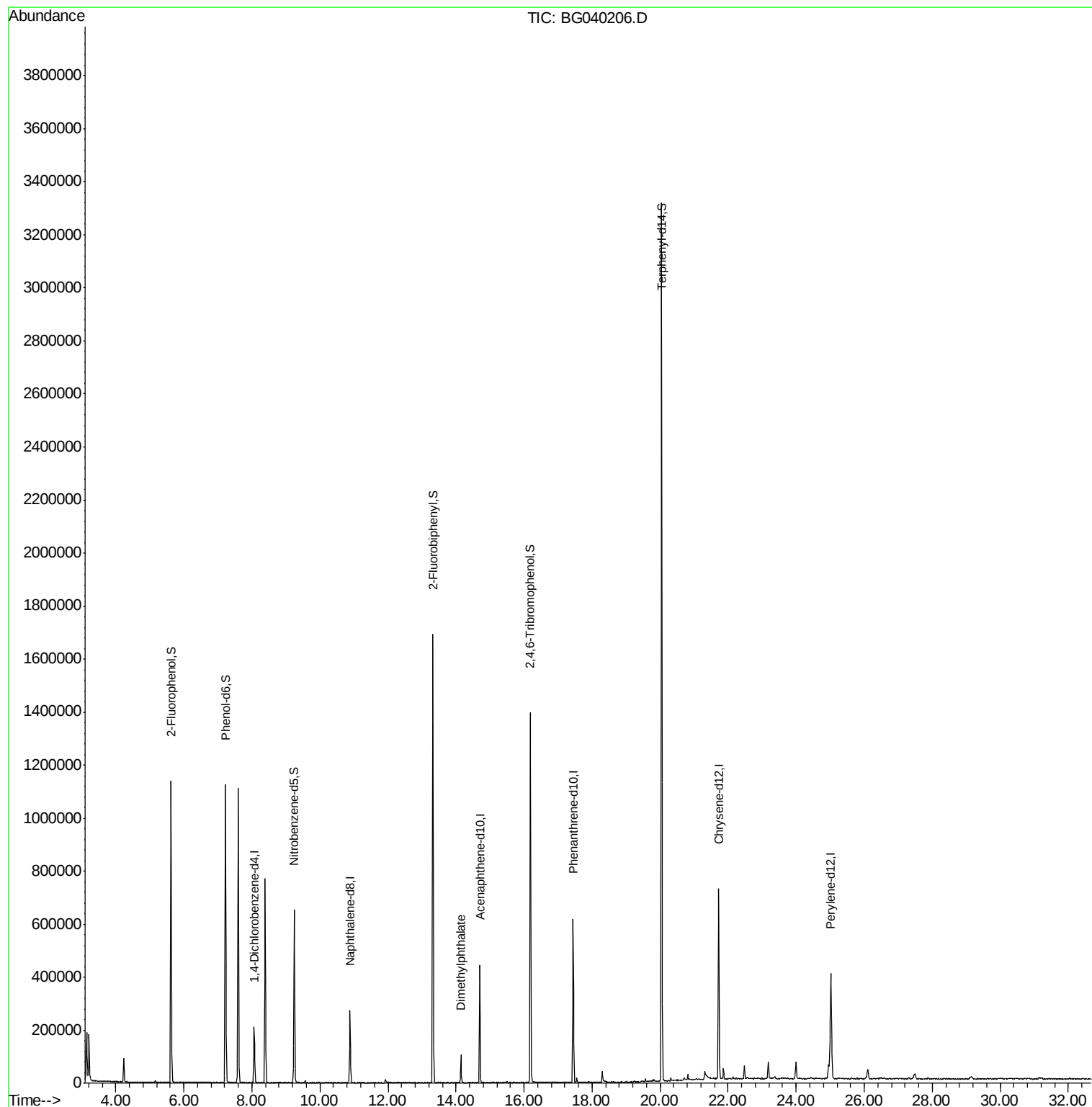
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58377	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	239015	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	147858	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	383646	20.00	ng	0.00
76) Chrysene-d12	21.72	240	410473	20.00	ng	0.00
87) Perylene-d12	25.02	264	418309	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	478237	136.19	ng	0.00
7) Phenol-d6	7.23	99	672862	138.65	ng	0.00
23) Nitrobenzene-d5	9.24	82	403469	89.73	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	243850	152.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	900064	90.20	ng	0.00
79) Terphenyl-d14	20.05	244	1544451	84.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	69735	6.026	ng	Qvalue 98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040206.D
Acq On : 28 Mar 2019 19:04
Operator : JU/SJ
Sample : K2107-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Mar 29 07:50:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



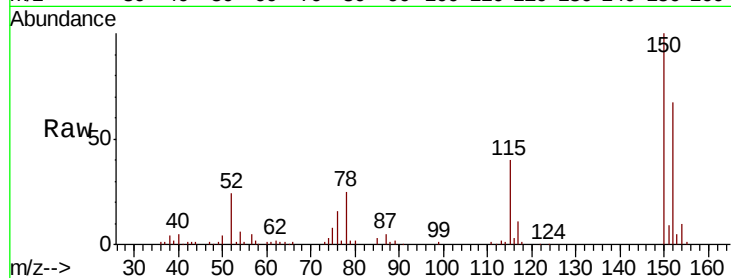


#1

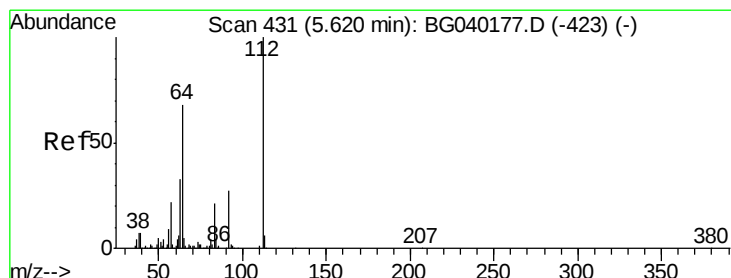
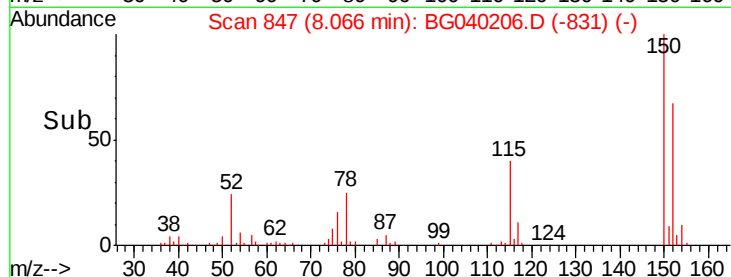
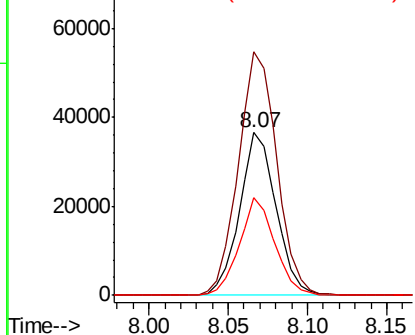
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040206.D
Acq: 28 Mar 2019 19:04

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:152 Resp: 58377
Ion Ratio Lower Upper
152 100
150 149.8 123.7 185.5
115 59.8 46.9 70.3



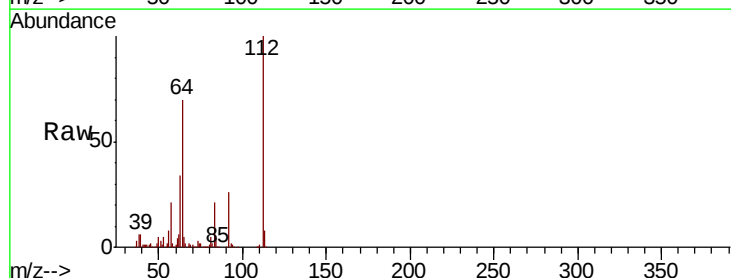
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



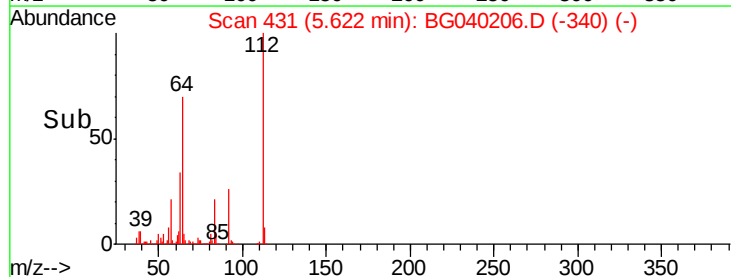
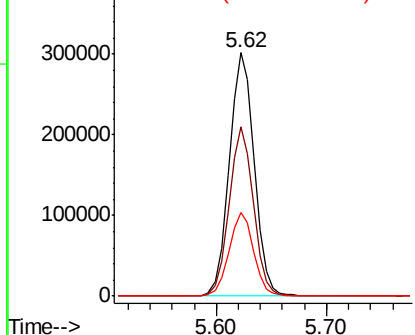
#5

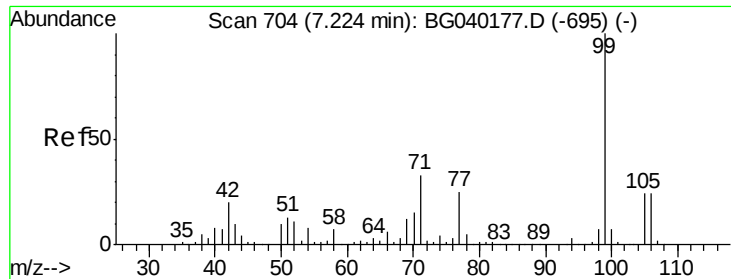
2-Fluorophenol
Concen: 136.188 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040206.D
Acq: 28 Mar 2019 19:04

Tgt Ion:112 Resp: 478237
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.2
63 34.3 26.4 39.6



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: 138.647 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampled :

TP-2

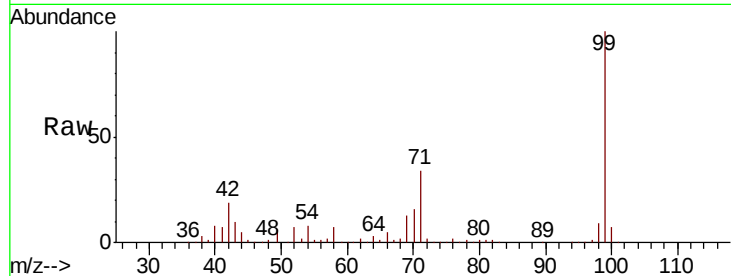
Tot Ion: 99 Resp: 672862

Ion Ratio Lower Upper

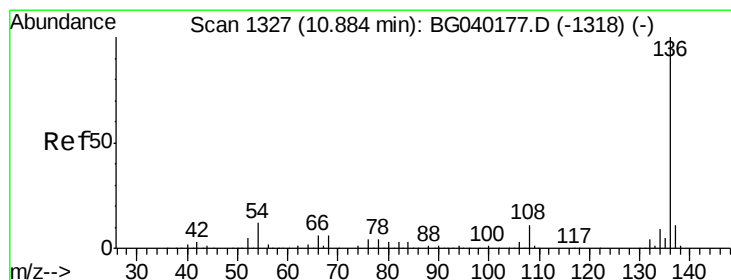
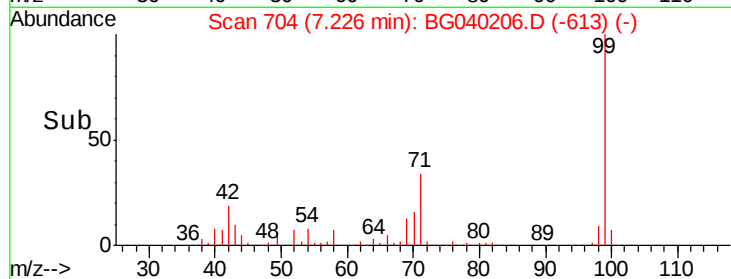
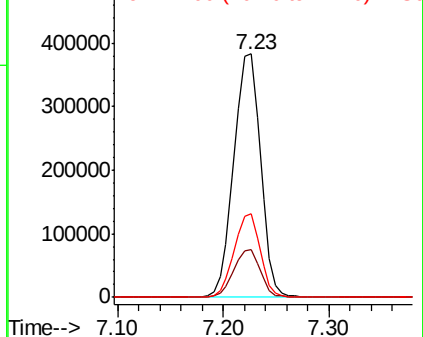
99 100

42 19.4 16.2 24.2

71 34.5 26.8 40.2



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: 10.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Tgt Ion: 136 Resp: 239015

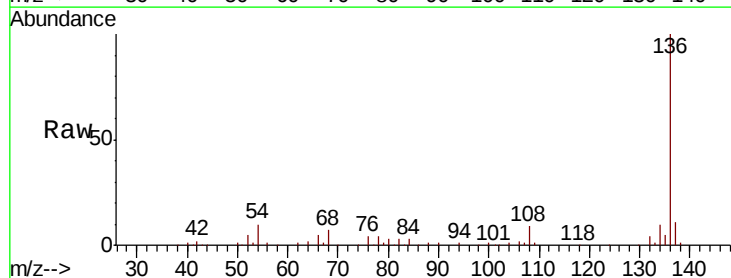
Ion Ratio Lower Upper

136 100

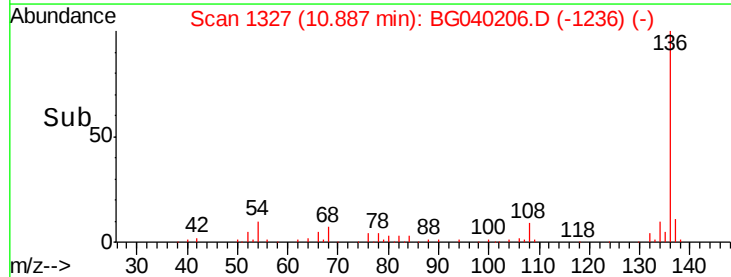
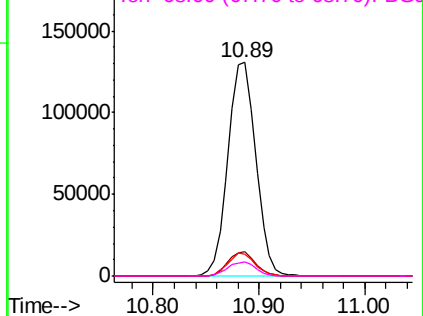
137 11.2 8.9 13.3

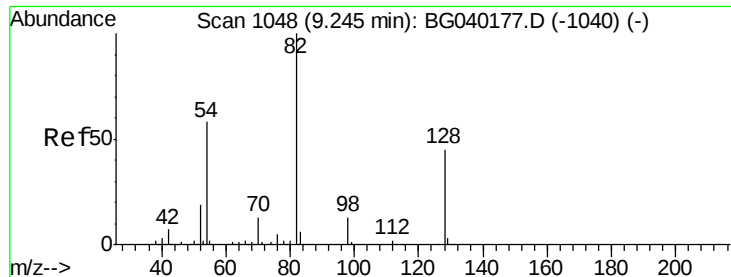
54 10.4 9.6 14.4

68 6.6 5.1 7.7



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: 89.726 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampled :

TP-2

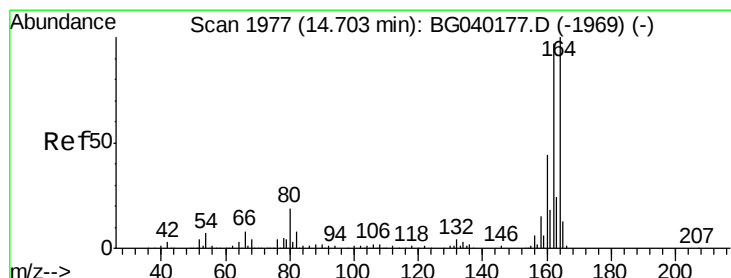
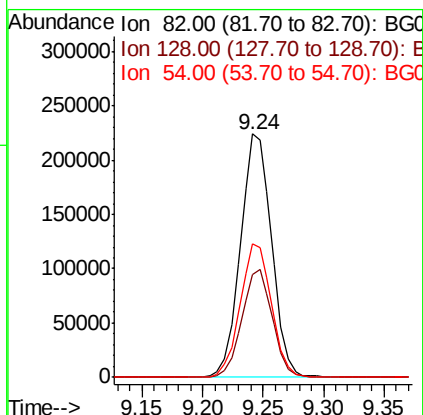
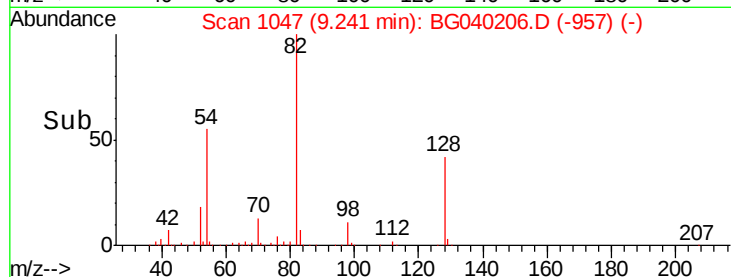
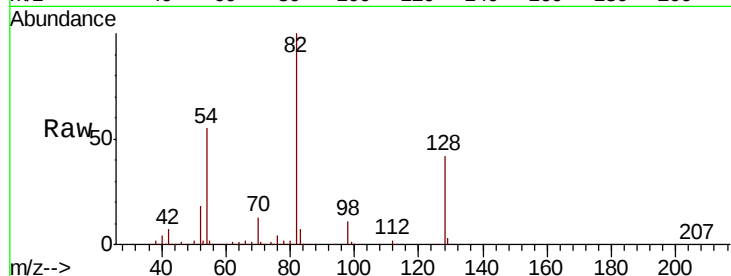
Tot Ion: 82 Resp: 403469

Ion Ratio Lower Upper

82 100

128 42.1 35.8 53.8

54 54.9 46.2 69.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

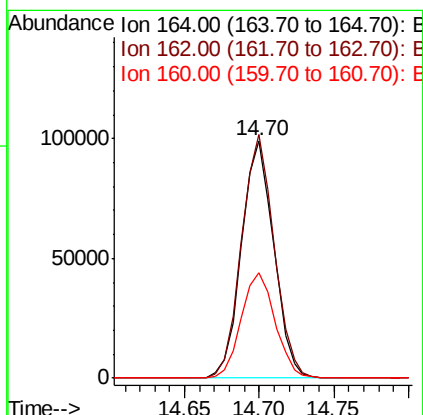
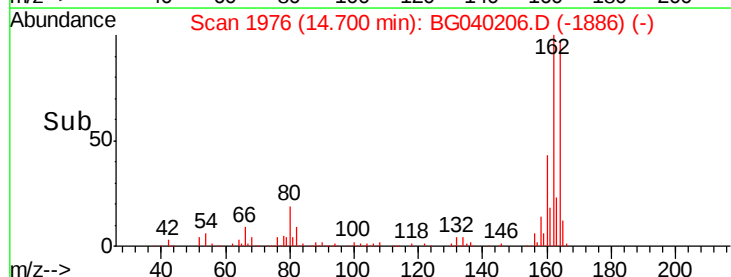
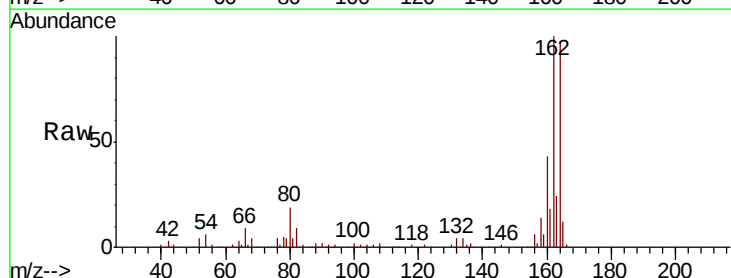
Tgt Ion: 164 Resp: 147858

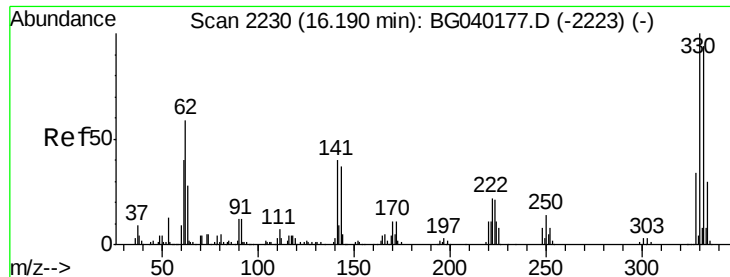
Ion Ratio Lower Upper

164 100

162 102.6 77.4 116.2

160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 152.601 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampleId :

TP-2

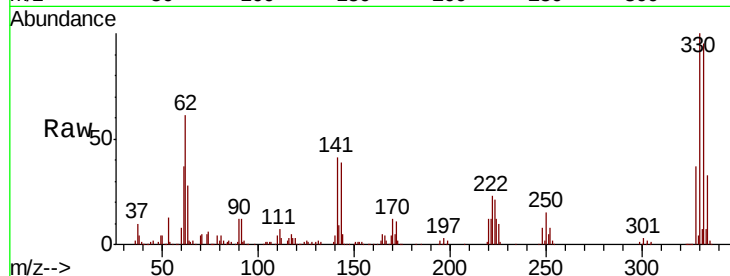
Tot Ion:330 Resp: 243850

Ion Ratio Lower Upper

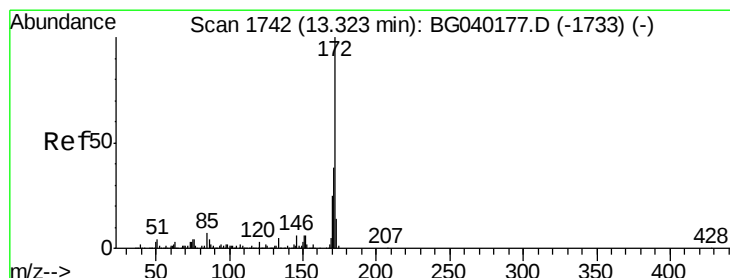
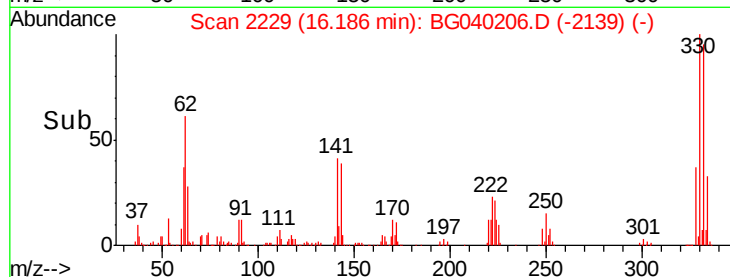
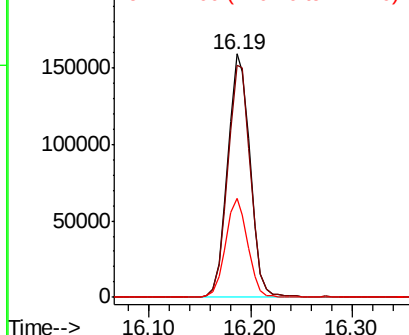
330 100

332 96.7 76.6 115.0

141 40.3 32.6 48.8



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: 90.200 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

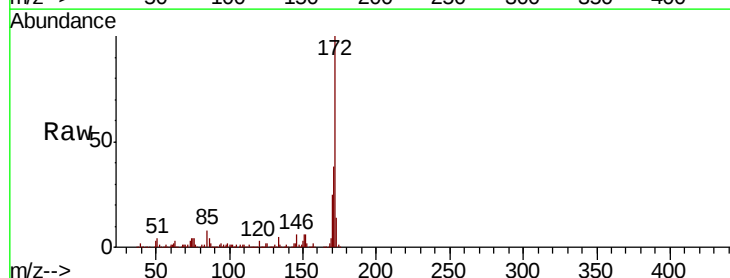
Tgt Ion:172 Resp: 900064

Ion Ratio Lower Upper

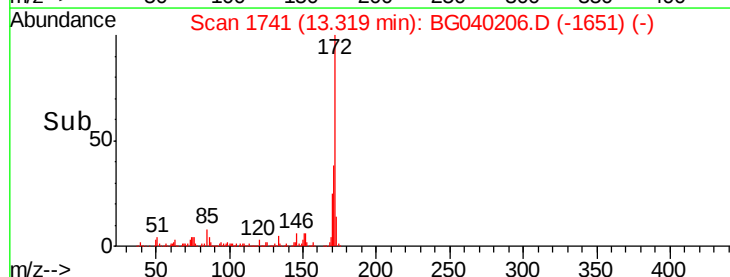
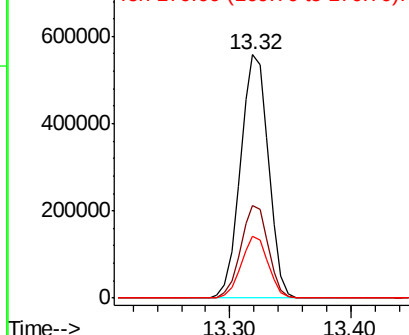
172 100

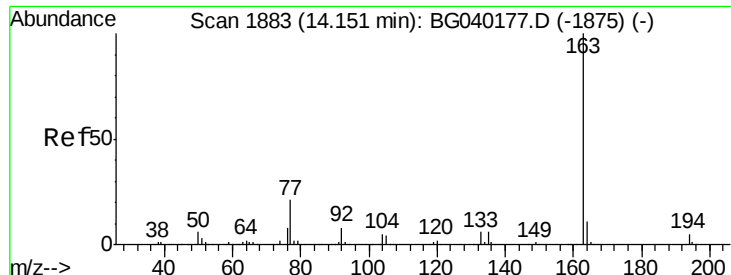
171 37.8 30.5 45.7

170 25.2 20.1 30.1



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: 6.026 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

Instrument :

BNA_G

ClientSampleId :

TP-2

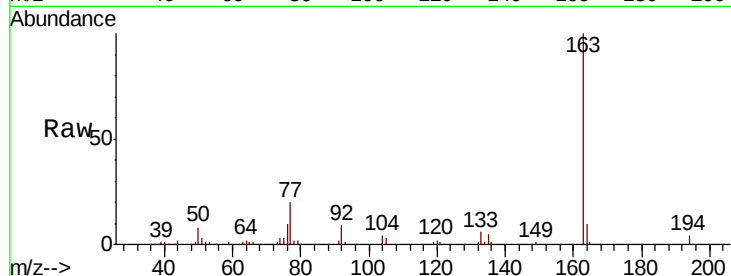
Tot Ion:163 Resp: 69735

Ion Ratio Lower Upper

163 100

194 4.3 4.1 6.1

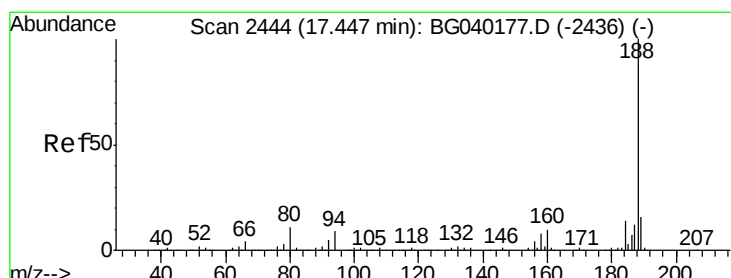
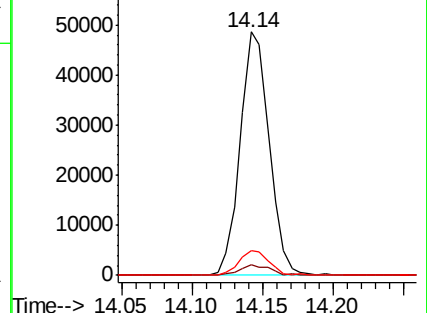
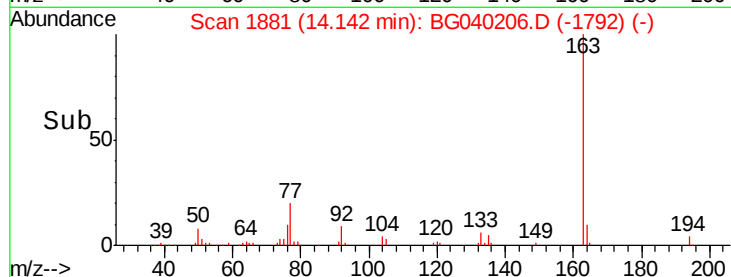
164 10.1 8.6 13.0



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: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG040206.D

Acq: 28 Mar 2019 19:04

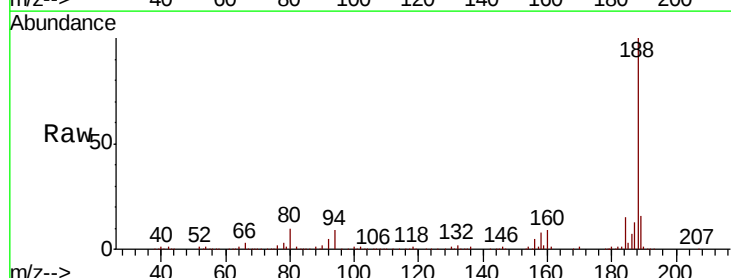
Tgt Ion:188 Resp: 383646

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

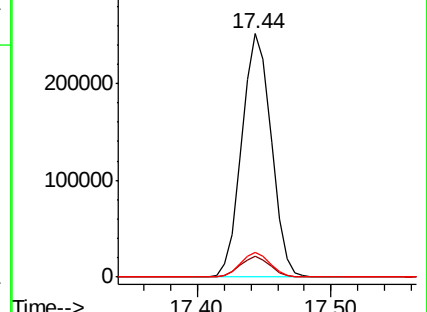
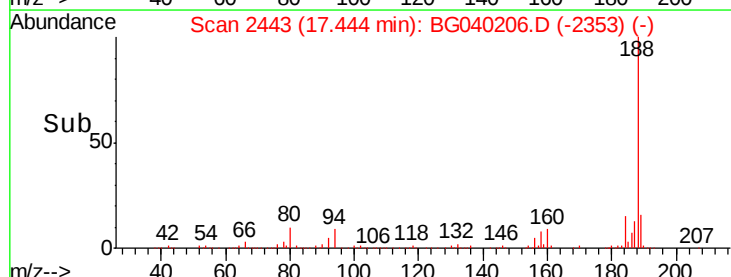
80 10.0 8.6 13.0

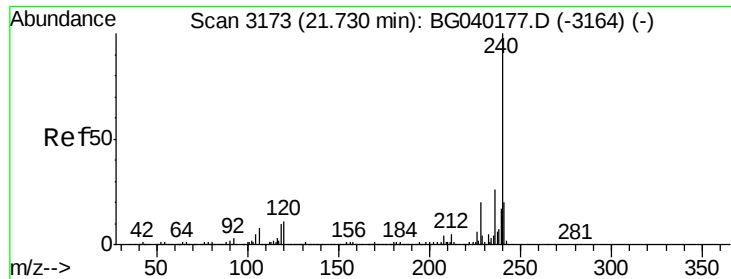


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

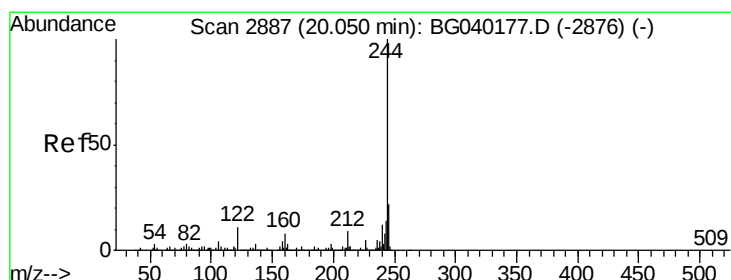
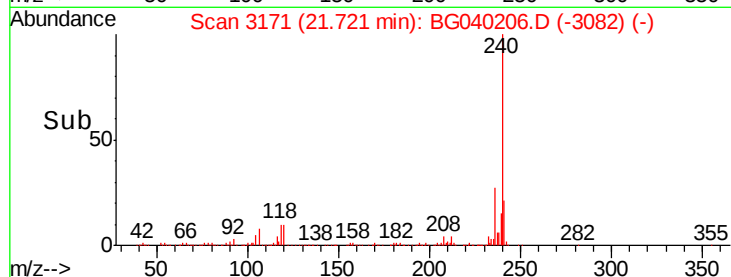
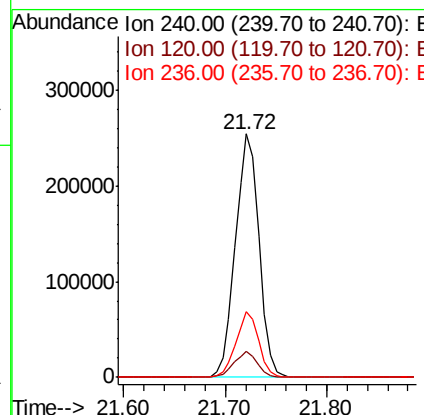
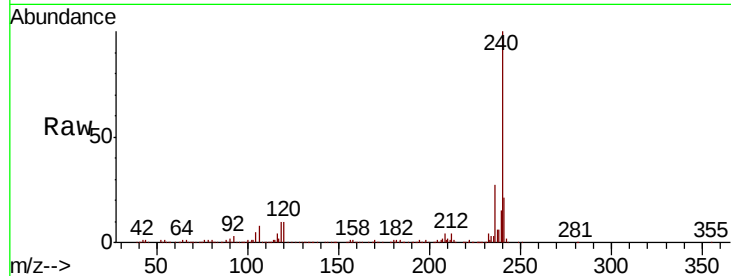




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

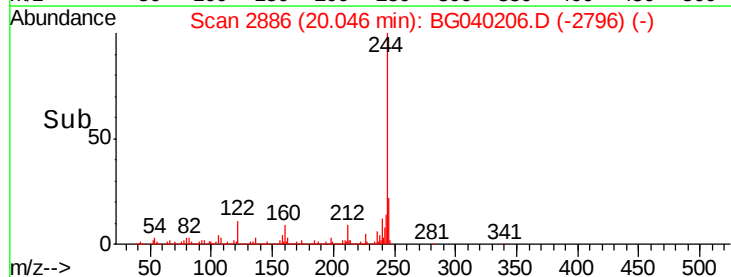
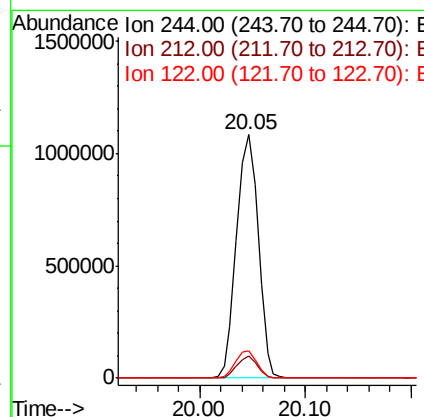
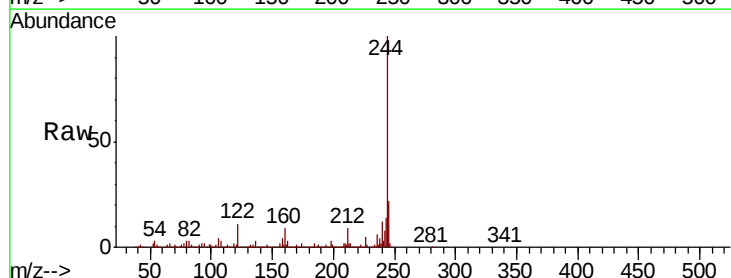
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

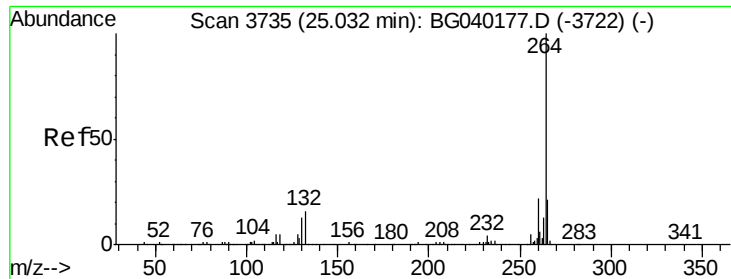
Tot Ion:240 Resp: 410473
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 84.646 ng
 RT: 20.05 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG040206.D
 Acq: 28 Mar 2019 19:04

Tgt Ion:244 Resp: 1544451
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 11.4 8.5 12.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BG040206.D
Acq: 28 Mar 2019 19:04

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.9	26.9
265	22.9	16.8	25.2

