

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039886.D
 Acq On : 12 Mar 2019 22:51
 Operator : JU/SJ
 Sample : K1824-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Quant Time: Mar 13 06:50:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

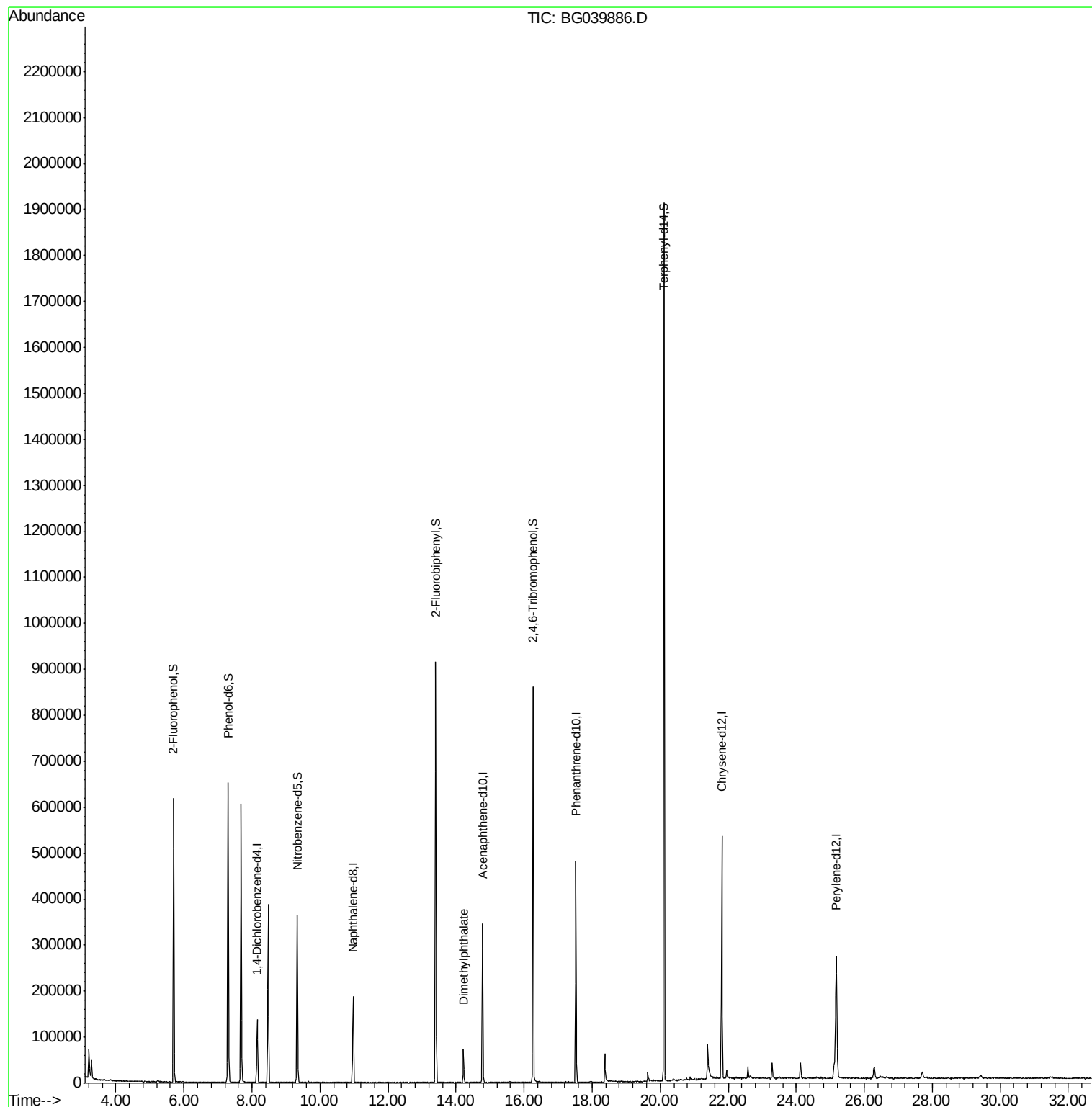
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38176	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	167531	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	117829	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	302377	20.00	ng	0.00
76) Chrysene-d12	21.81	240	318714	20.00	ng	0.00
87) Perylene-d12	25.18	264	316528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	251559	112.42	ng	0.00
7) Phenol-d6	7.30	99	374576	112.26	ng	0.00
23) Nitrobenzene-d5	9.33	82	216515	69.90	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	146528	106.69	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	487776	58.94	ng	0.00
79) Terphenyl-d14	20.11	244	890377	61.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.22	163	49745	5.049	ng	Qvalue 99

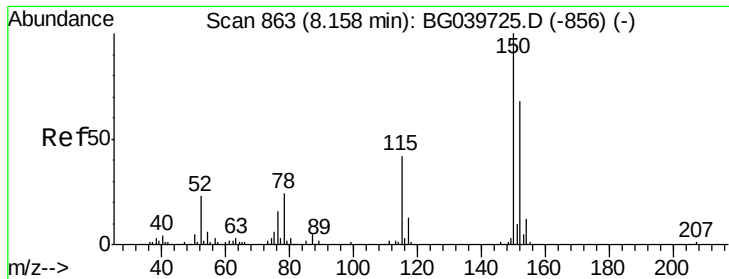
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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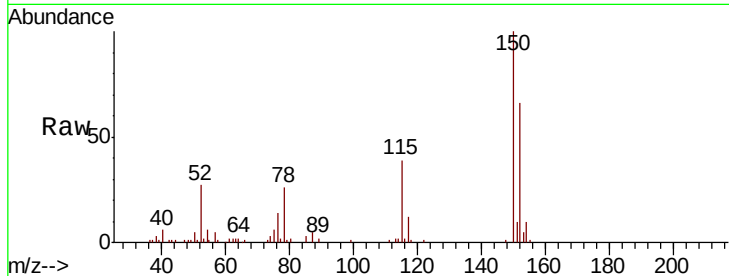


#1

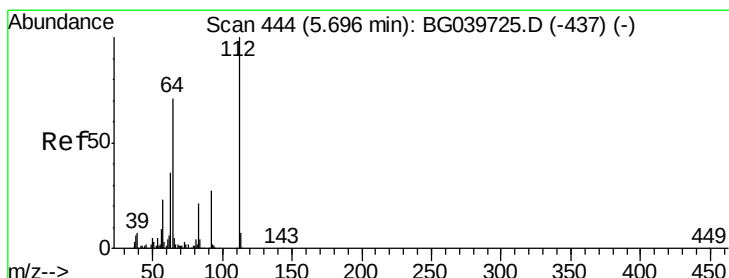
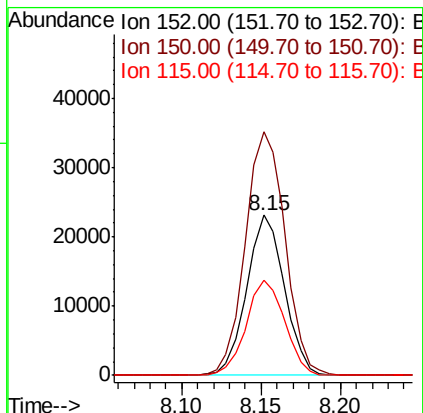
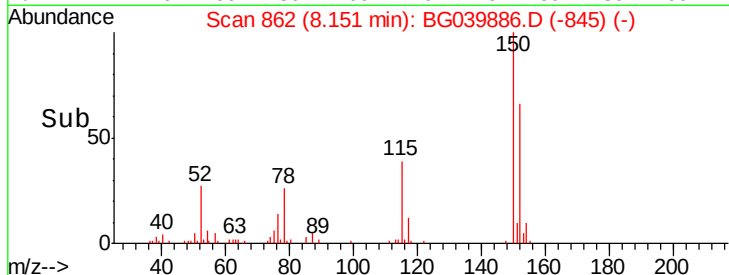
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.7	185.5
115	59.7	45.9	68.9



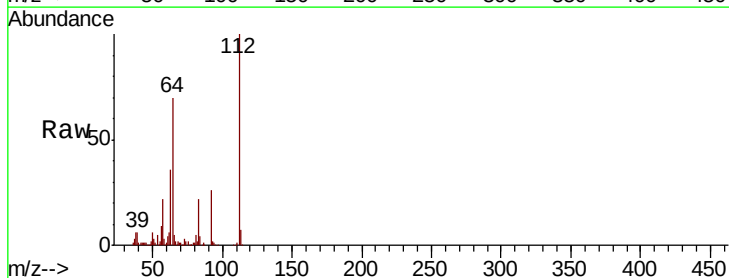
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



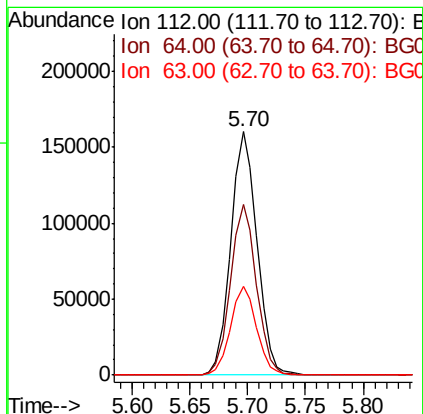
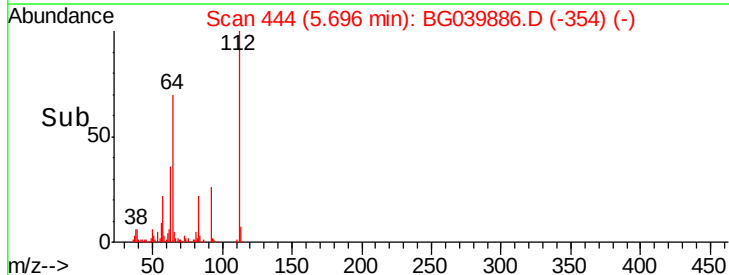
#5

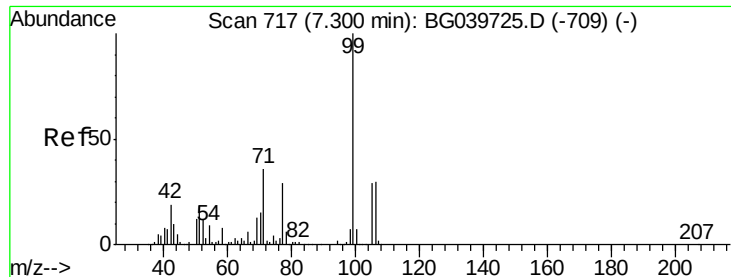
2-Fluorophenol
 Concen: 112.417 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	57.8	86.8
63	36.4	29.8	44.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.263 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Instrument :

BNA_G

ClientSampled :

TP-25

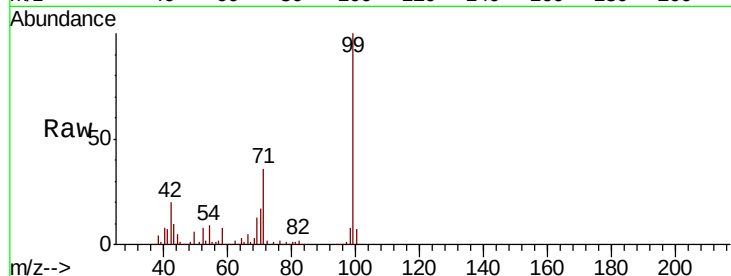
Tot Ion: 99 Resp: 374576

Ion Ratio Lower Upper

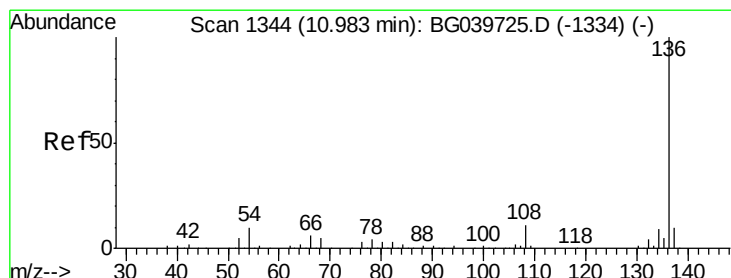
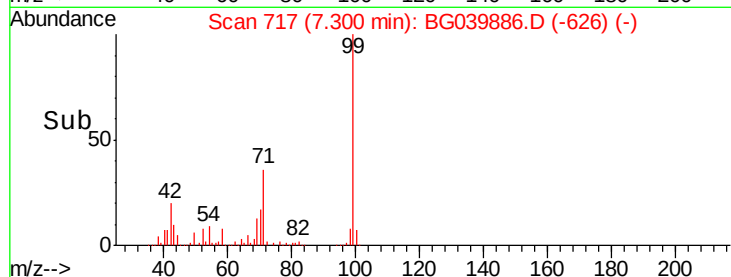
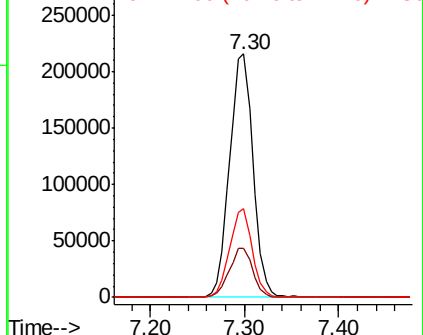
99 100

42 20.3 18.2 27.2

71 36.3 28.0 42.0



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: 10.97 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Tgt Ion: 136 Resp: 167531

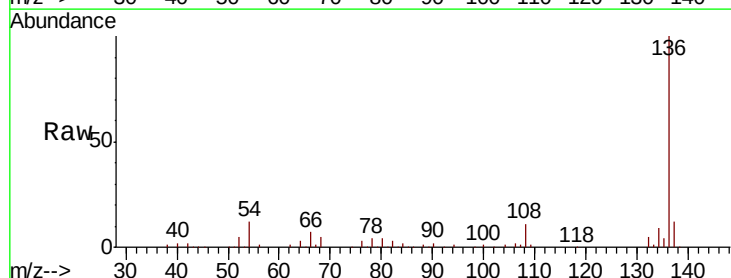
Ion Ratio Lower Upper

136 100

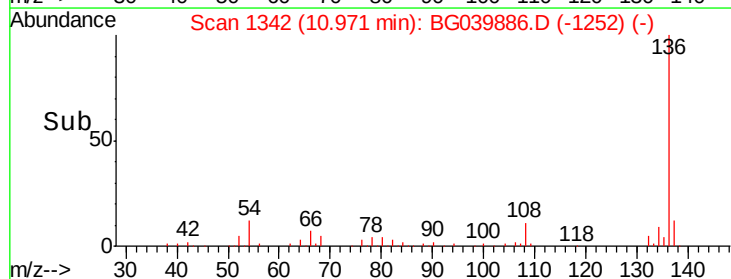
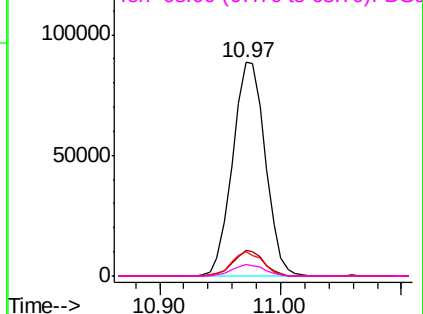
137 11.8 9.1 13.7

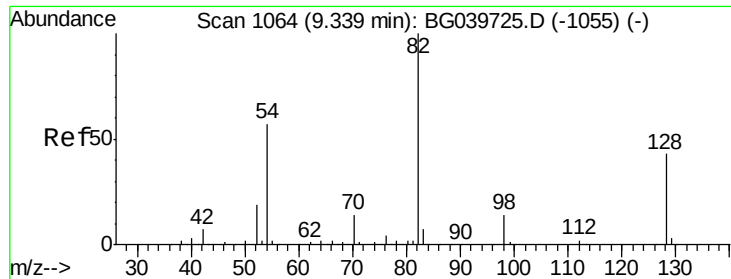
54 11.7 9.4 14.2

68 5.3 4.2 6.4



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

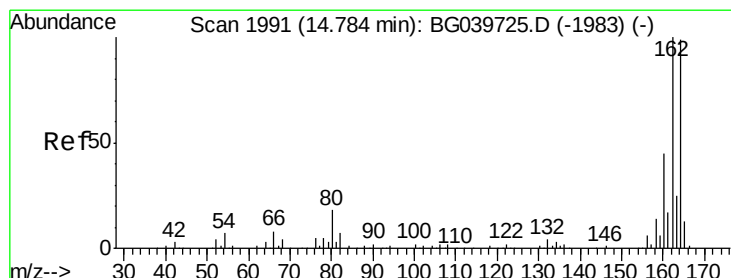
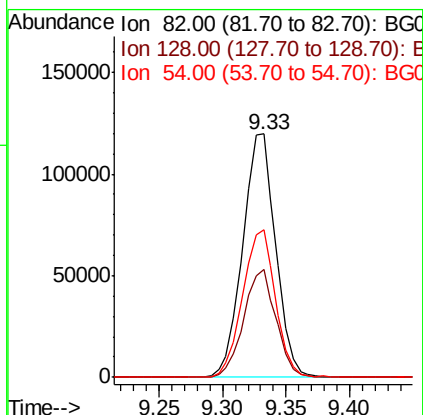
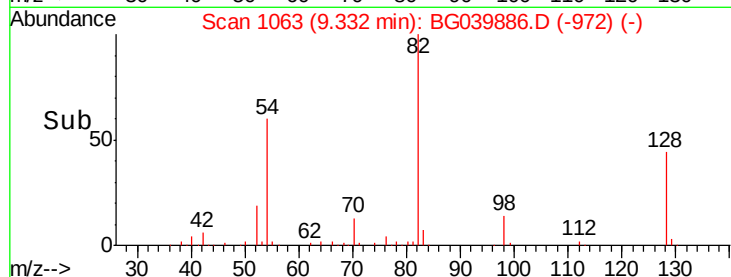
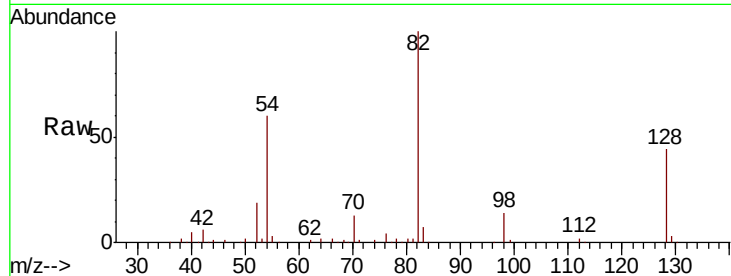




#23
Nitrobenzene-d5
Concen: 69.898 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039886.D
Acq: 12 Mar 2019 22:51

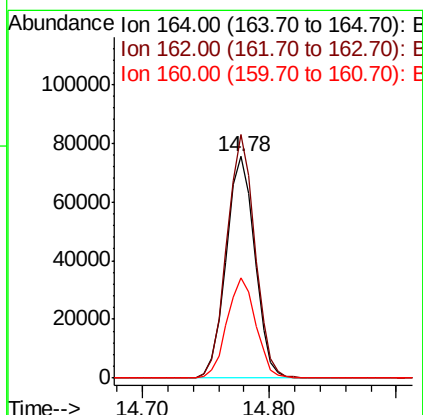
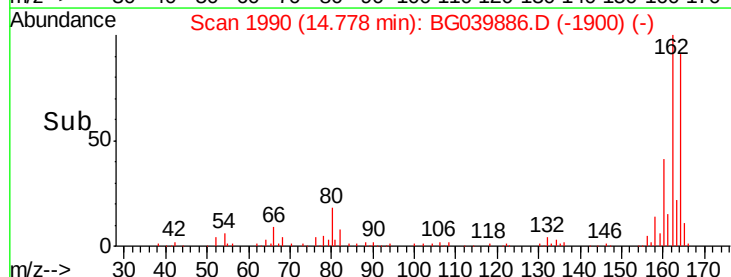
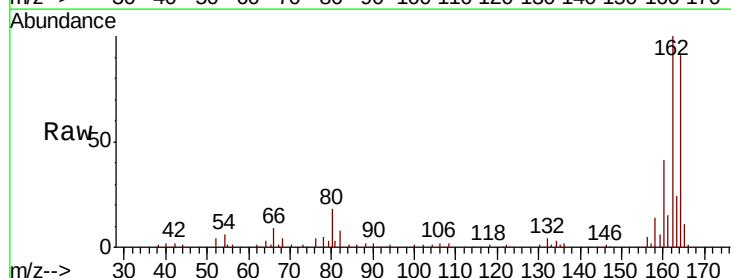
Instrument :
BNA_G
ClientSampleId :
TP-25

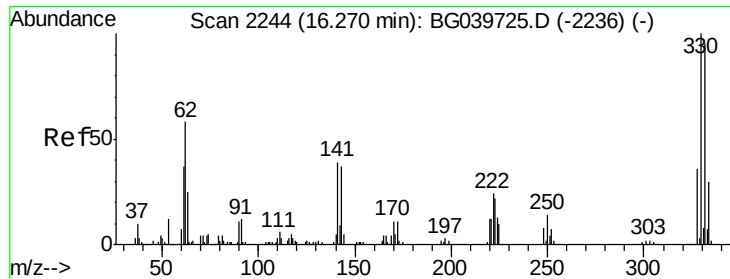
Tot Ion: 82 Resp: 216515
Ion Ratio Lower Upper
82 100
128 44.1 31.3 46.9
54 60.4 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039886.D
Acq: 12 Mar 2019 22:51

Tgt Ion: 164 Resp: 117829
Ion Ratio Lower Upper
164 100
162 109.9 81.6 122.4
160 45.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 106.691 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Instrument :

BNA_G

ClientSampleId :

TP-25

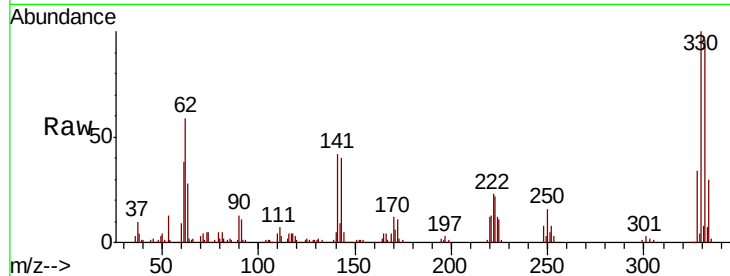
Tot Ion:330 Resp: 146528

Ion Ratio Lower Upper

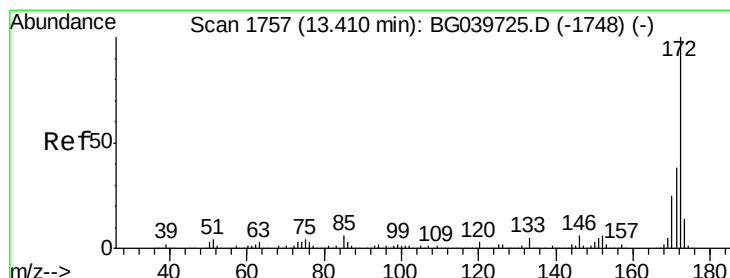
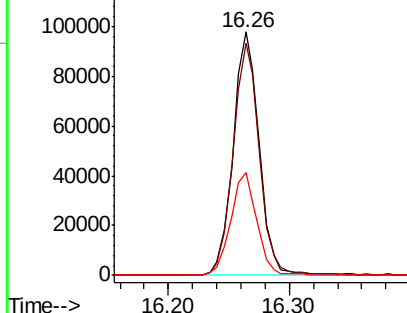
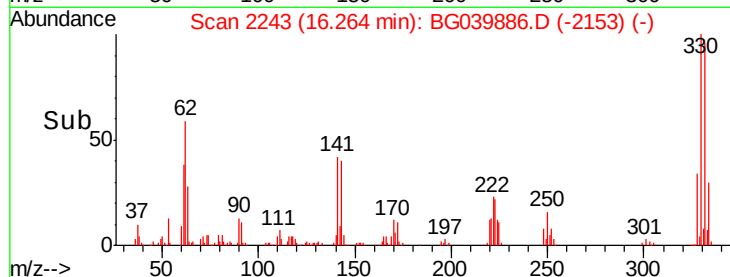
330 100

332 96.2 75.7 113.5

141 42.7 35.6 53.4



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: 58.942 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

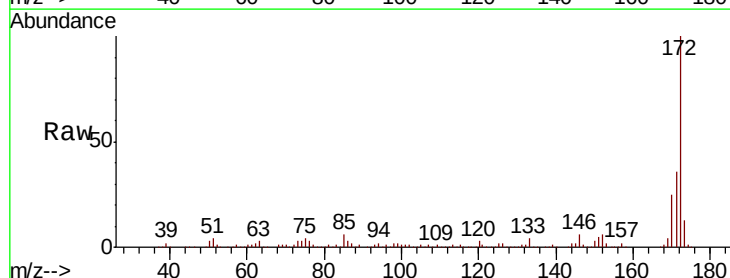
Tgt Ion:172 Resp: 487776

Ion Ratio Lower Upper

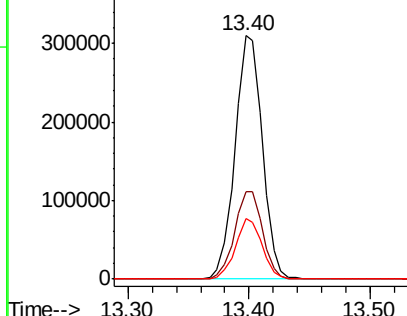
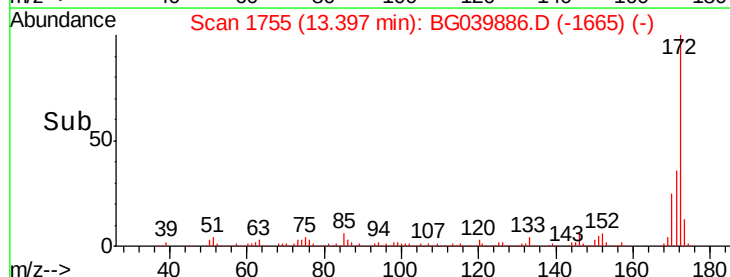
172 100

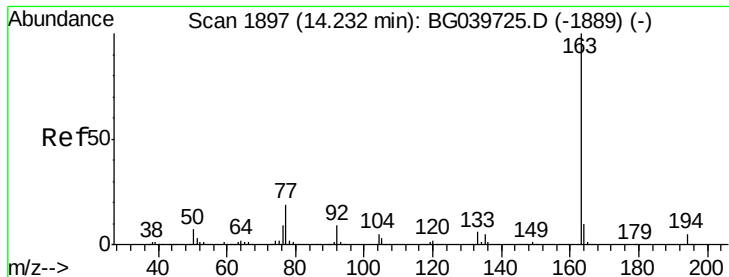
171 35.7 30.8 46.2

170 24.6 20.2 30.4



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: 5.049 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Instrument :

BNA_G

ClientSampleId :

TP-25

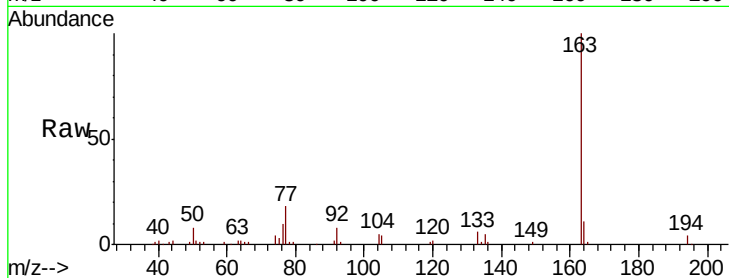
Tot Ion:163 Resp: 49745

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

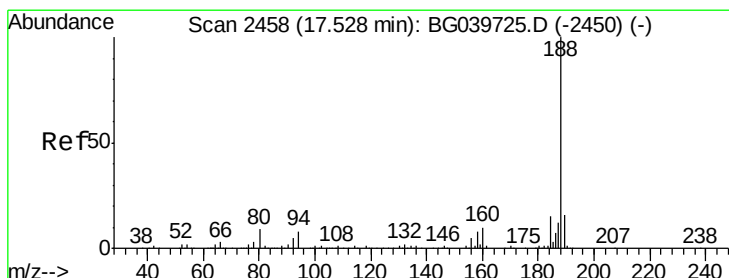
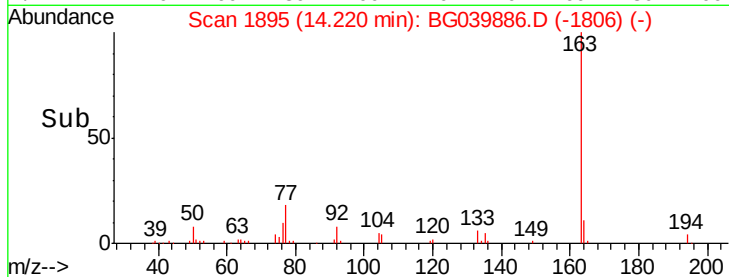
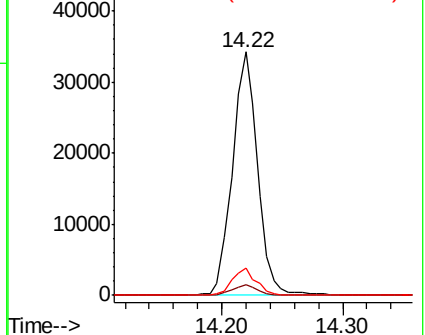
164 11.1 8.4 12.6



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: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

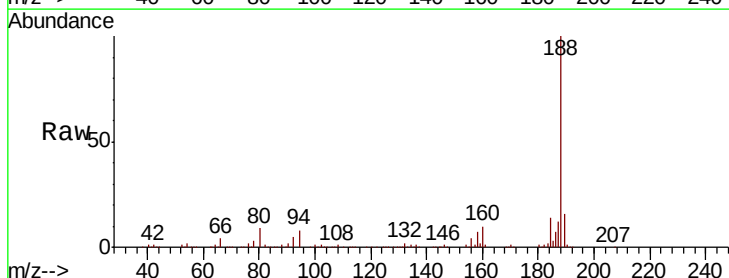
Tgt Ion:188 Resp: 302377

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

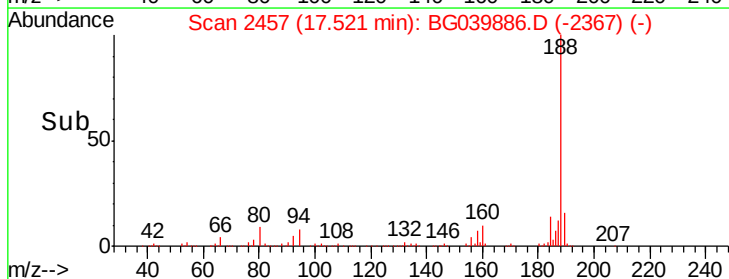
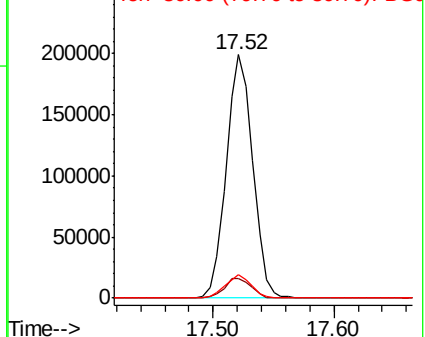
80 9.4 8.1 12.1

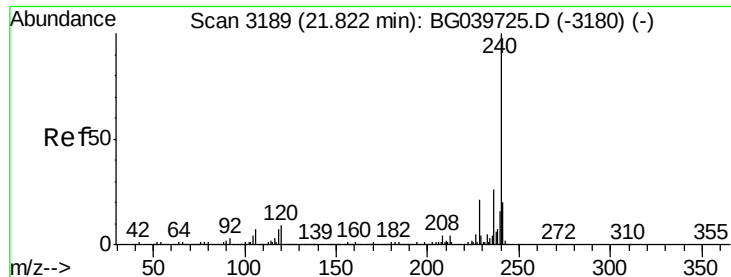


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

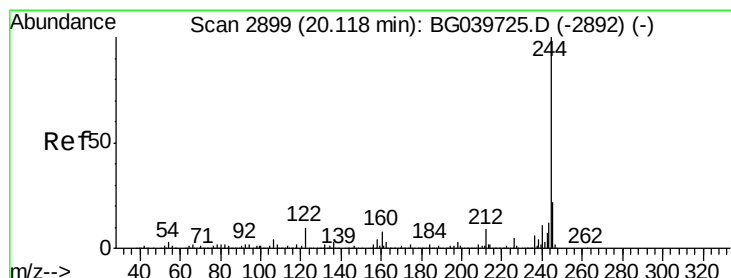
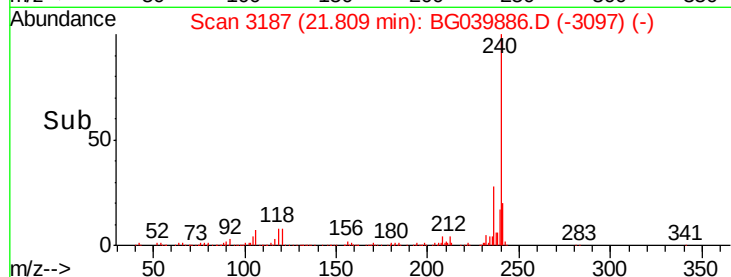
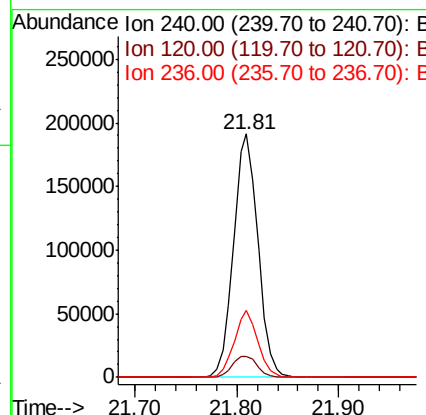
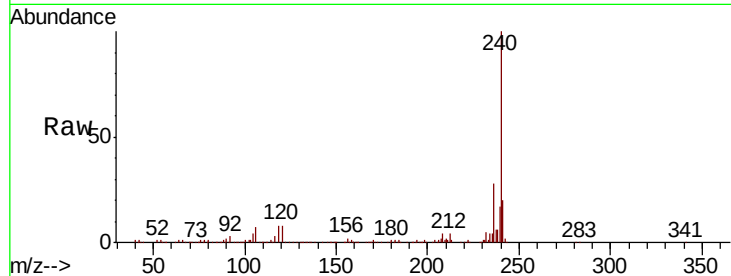




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

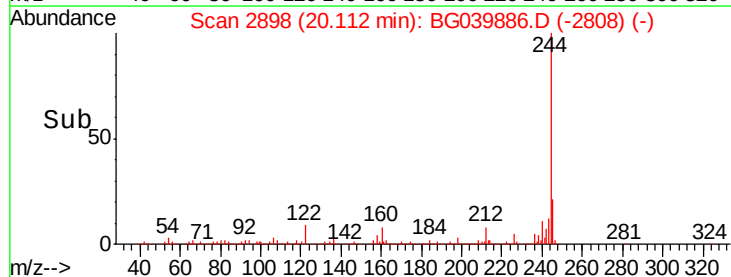
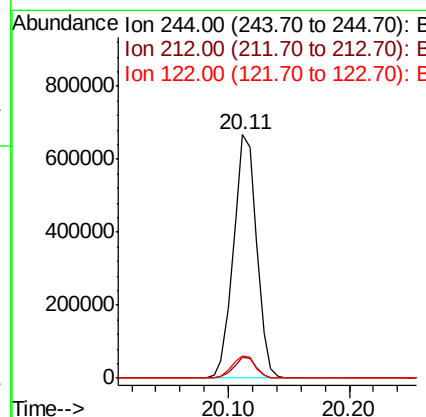
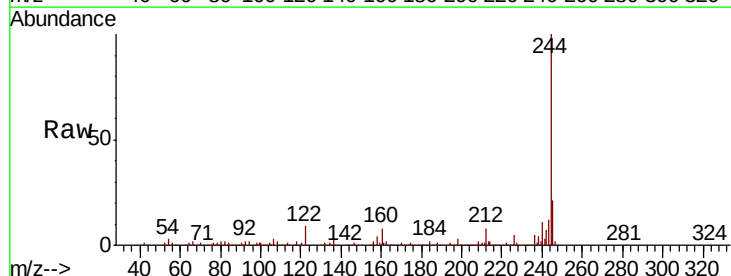
Instrument :
 BNA_G
 ClientSampled :
 TP-25

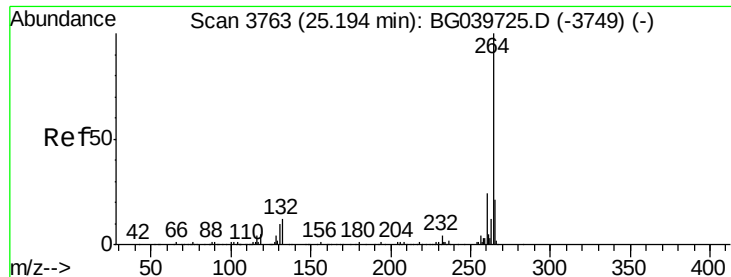
Tot Ion:240 Resp: 318714
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.0 10.6
 236 27.5 21.0 31.4



#79
 Terphenyl-d14
 Concen: 61.511 ng
 RT: 20.11 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Tgt Ion:244 Resp: 890377
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.3 10.9
 122 9.2 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG039886.D
Acq: 12 Mar 2019 22:51

Instrument :
BNA_G
ClientSampleId :
TP-25

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.2	27.4
265	21.8	18.5	27.7

