

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040007.D
 Acq On : 19 Mar 2019 17:59
 Operator : JU/SJ
 Sample : K1958-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 20 04:33:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

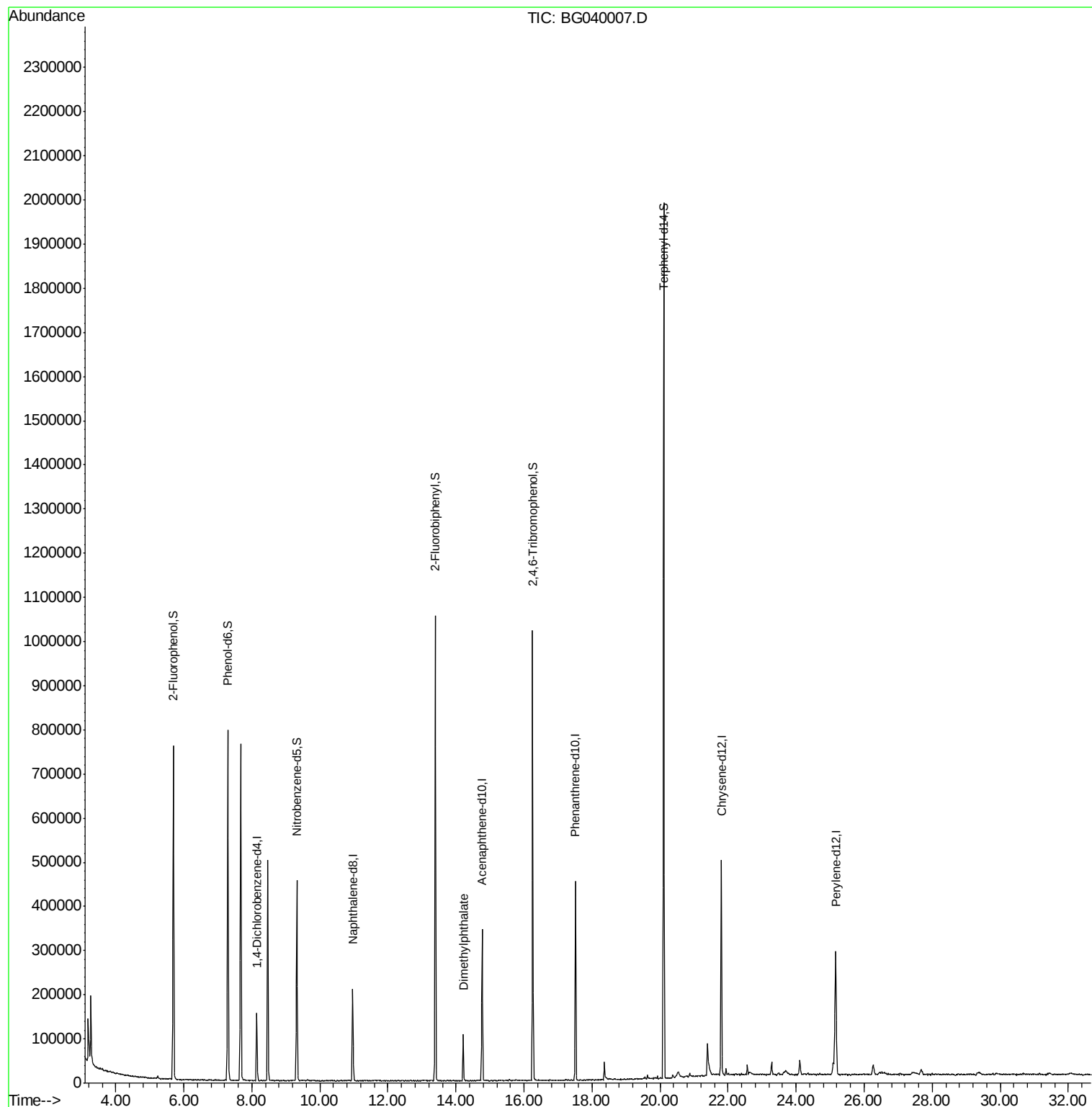
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41601	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	175490	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	116648	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	281373	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	301064	20.00	ng	-0.03
87) Perylene-d12	25.16	264	303868	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	312796	128.27	ng	-0.02
7) Phenol-d6	7.29	99	448131	123.25	ng	-0.02
23) Nitrobenzene-d5	9.32	82	273263	84.22	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	161592	118.85	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	566832	69.19	ng	-0.02
79) Terphenyl-d14	20.11	244	913534	66.81	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	70273	7.205	ng	Qvalue 97

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

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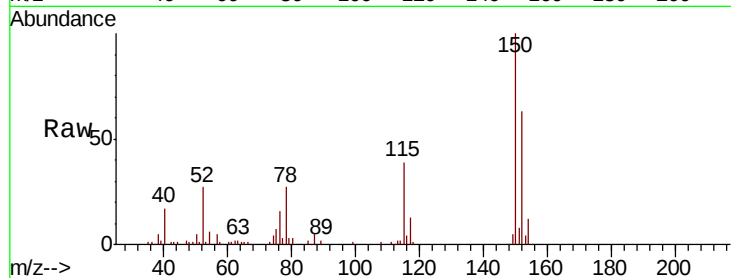


#1

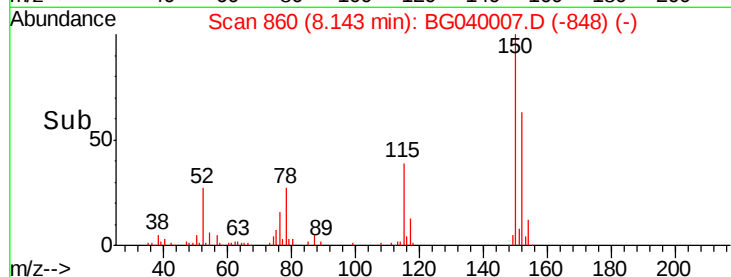
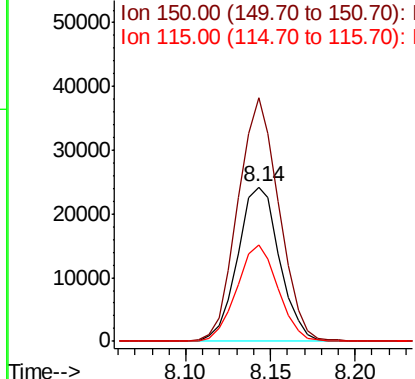
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040007.D
Acq: 19 Mar 2019 17:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 41601
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 62.1 45.9 68.9



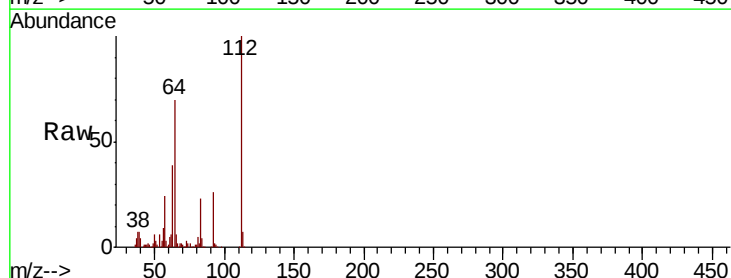
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



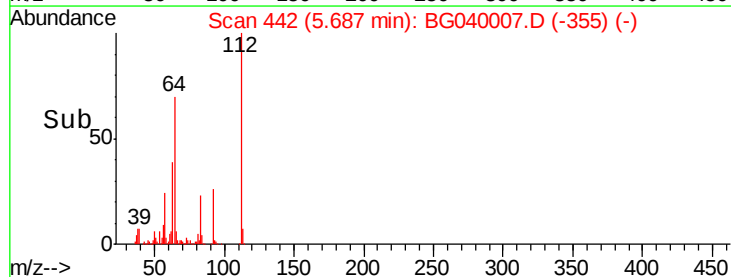
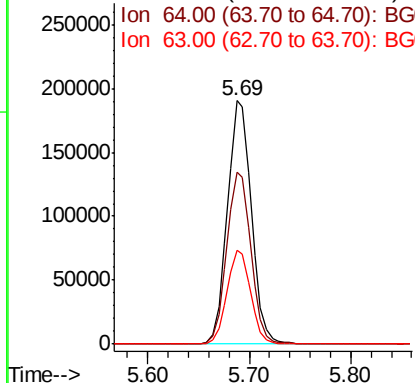
#5

2-Fluorophenol
Concen: 128.274 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040007.D
Acq: 19 Mar 2019 17:59

Tgt Ion:112 Resp: 312796
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.8
63 38.7 29.8 44.6



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





#7

Phenol-d6

Concen: 123.250 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040007.D

Acq: 19 Mar 2019 17:59

Instrument :

BNA_G

ClientSampleId :

TP-1

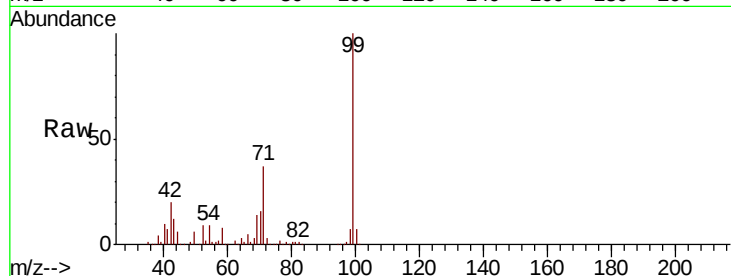
Tot Ion: 99 Resp: 448131

Ion Ratio Lower Upper

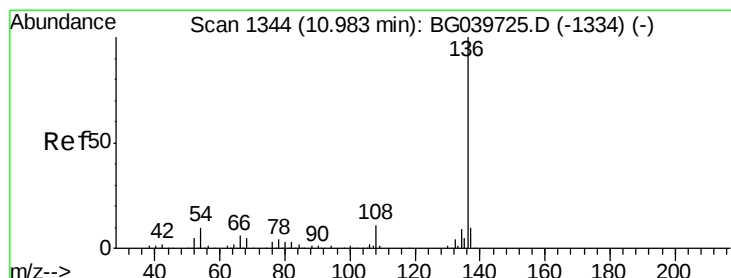
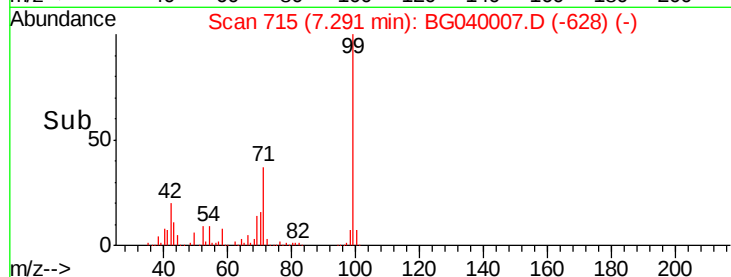
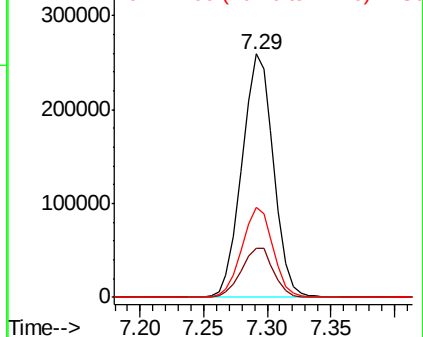
99 100

42 20.3 18.2 27.2

71 36.7 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040007.D

Acq: 19 Mar 2019 17:59

Tgt Ion: 136 Resp: 175490

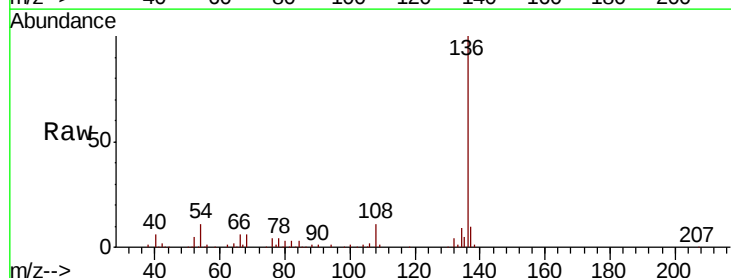
Ion Ratio Lower Upper

136 100

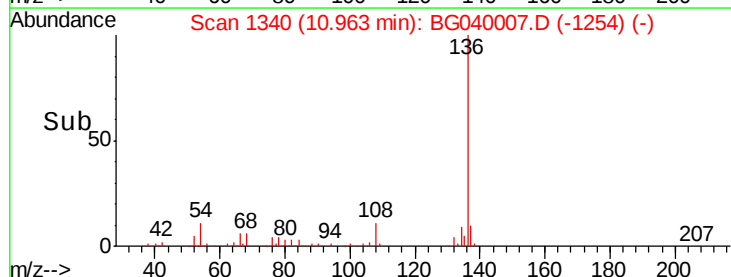
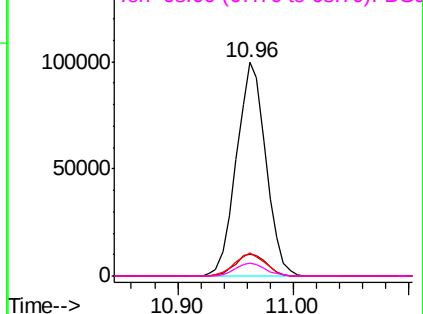
137 10.4 9.1 13.7

54 10.5 9.4 14.2

68 5.8 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

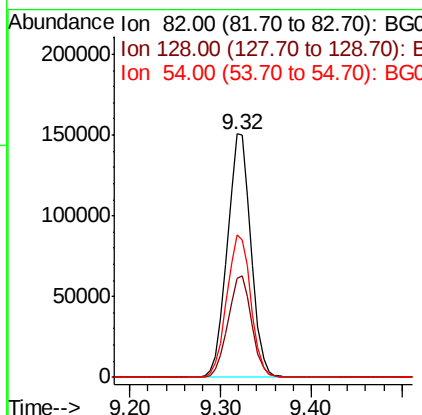
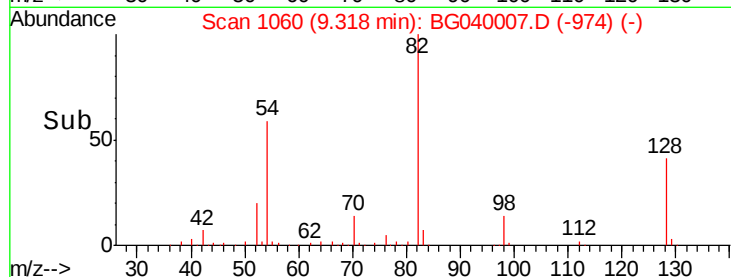
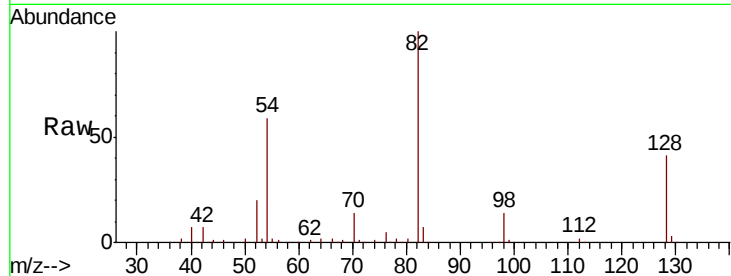




#23
 Nitrobenzene-d5
 Concen: 84.217 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040007.D
 Acq: 19 Mar 2019 17:59

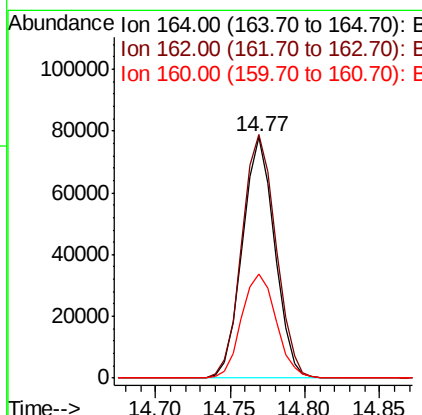
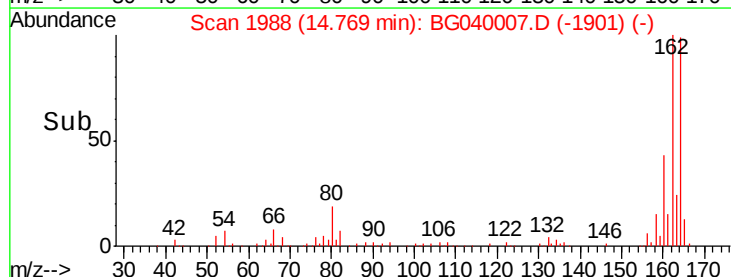
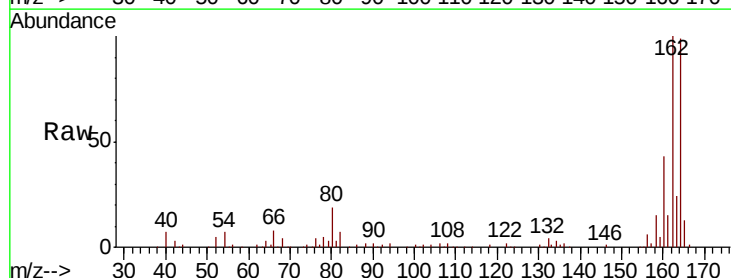
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

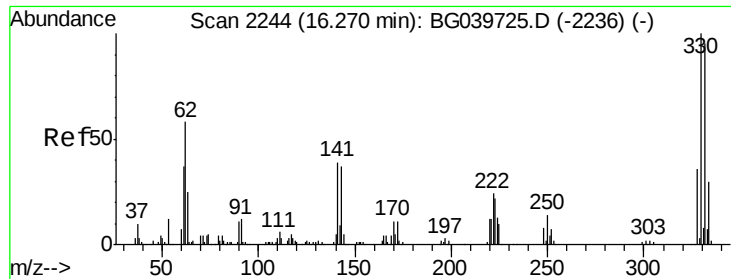
Tot Ion: 82 Resp: 273263
 Ion Ratio Lower Upper
 82 100
 128 40.8 31.3 46.9
 54 58.7 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040007.D
 Acq: 19 Mar 2019 17:59

Tgt Ion:164 Resp: 116648
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.6 122.4
 160 43.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 118.851 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040007.D

Acq: 19 Mar 2019 17:59

Instrument :

BNA_G

ClientSampled :

TP-1

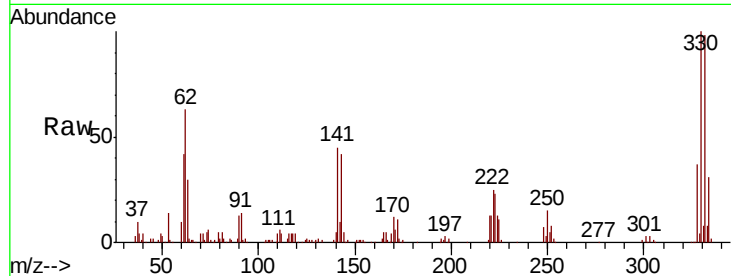
Tot Ion:330 Resp: 161592

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

141 43.8 35.6 53.4

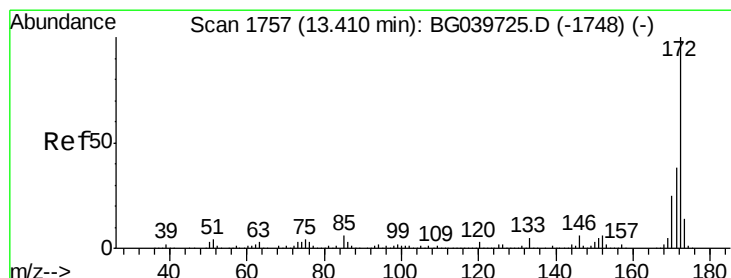
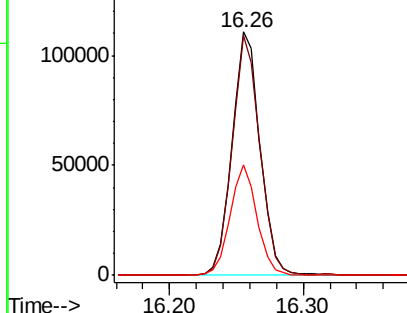
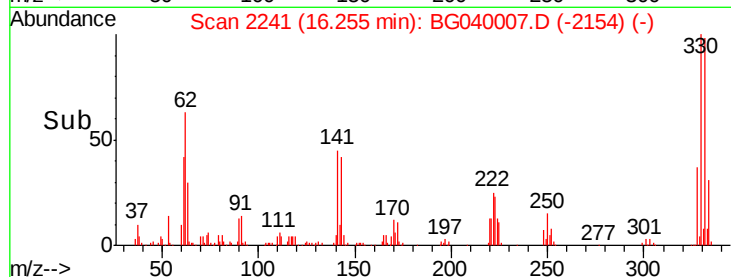


Abundance

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: 69.189 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040007.D

Acq: 19 Mar 2019 17:59

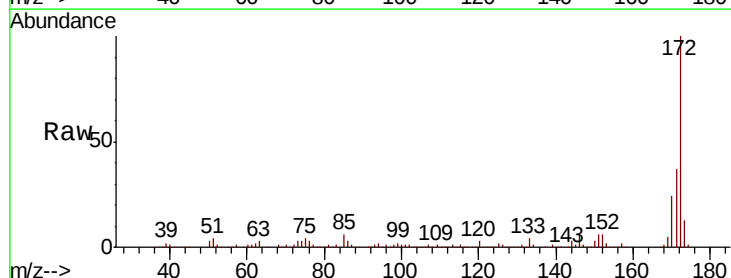
Tgt Ion:172 Resp: 566832

Ion Ratio Lower Upper

172 100

171 36.6 30.8 46.2

170 24.0 20.2 30.4

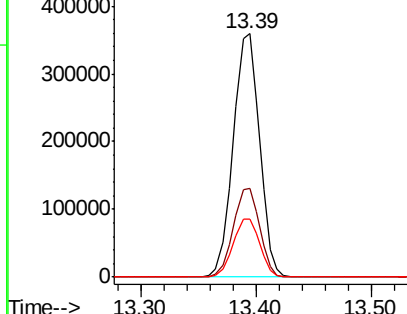
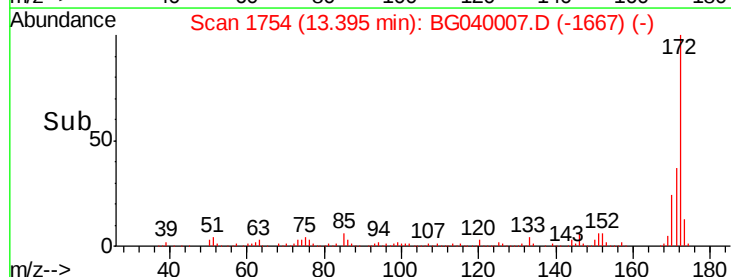


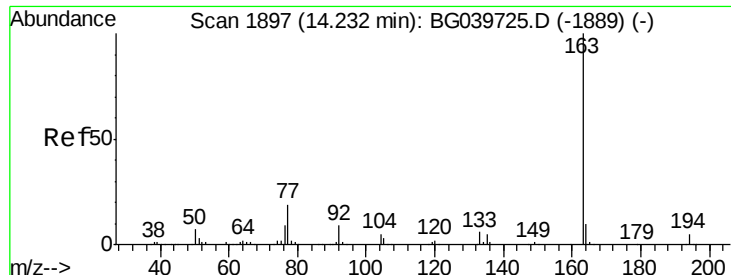
Abundance

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: 7.205 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040007.D

Acq: 19 Mar 2019 17:59

Instrument :

BNA_G

ClientSampleId :

TP-1

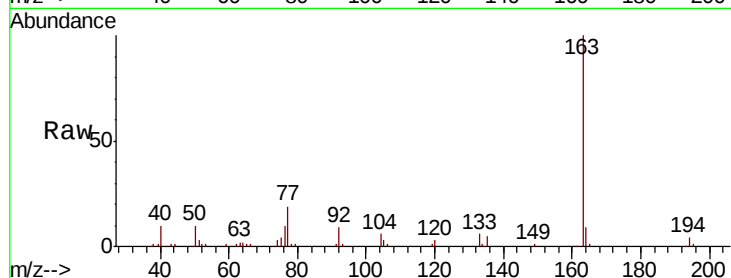
Tot Ion:163 Resp: 70273

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

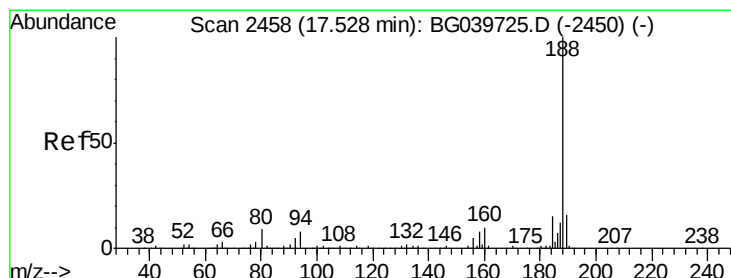
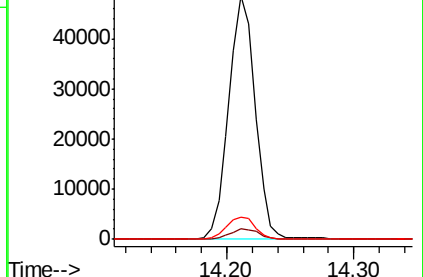
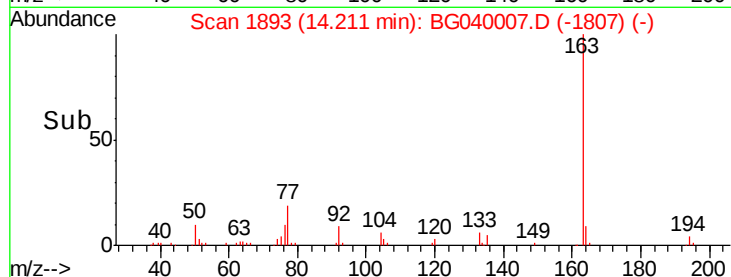
164 9.2 8.4 12.6



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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040007.D

Acq: 19 Mar 2019 17:59

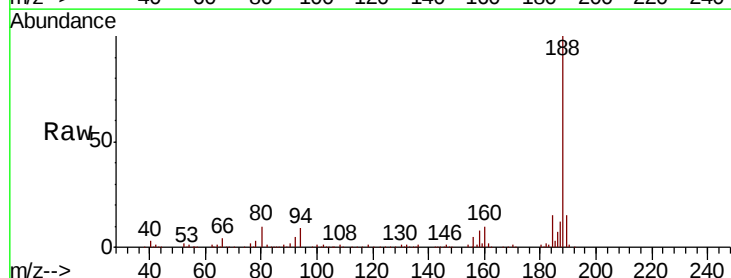
Tgt Ion:188 Resp: 281373

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

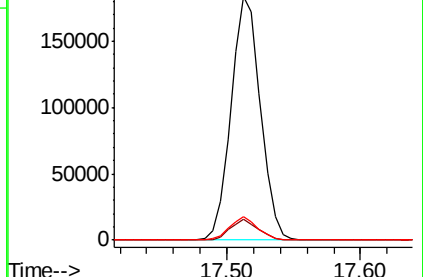
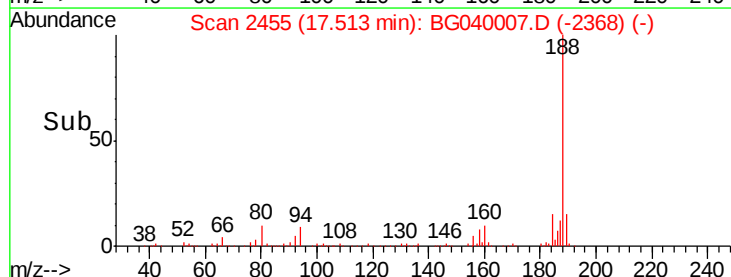
80 9.7 8.1 12.1

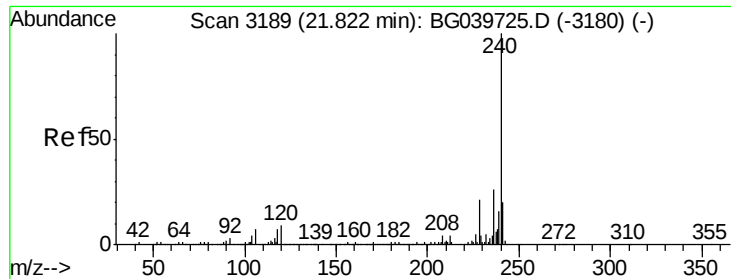


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

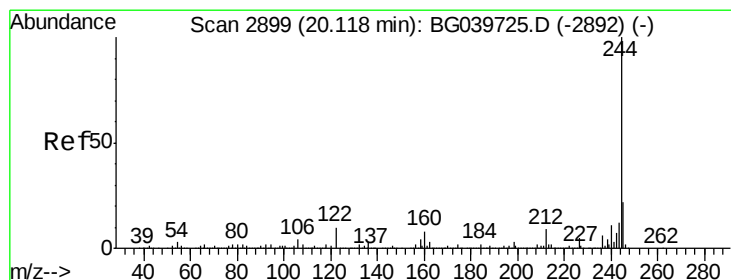
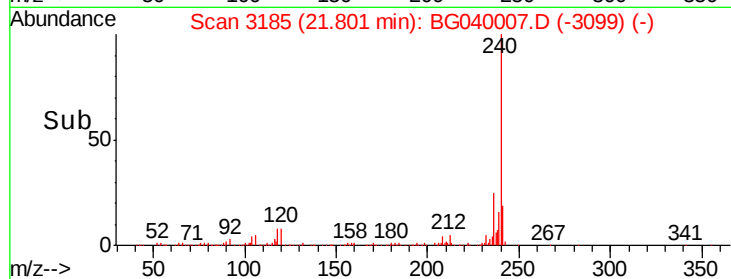
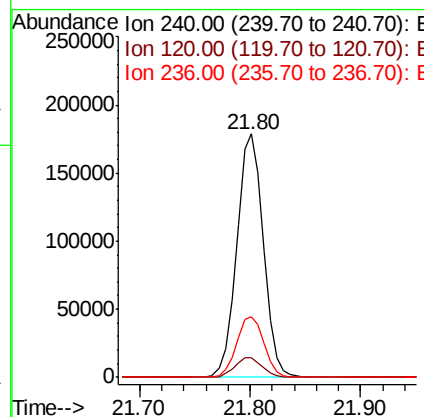
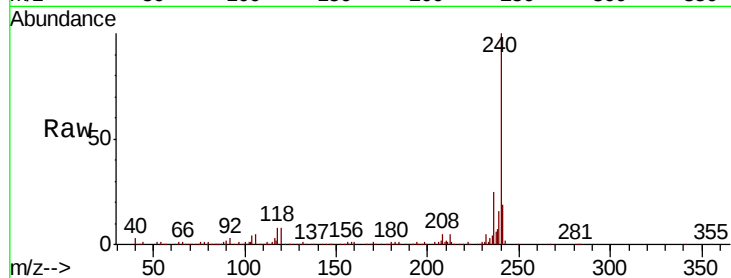




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040007.D
Acq: 19 Mar 2019 17:59

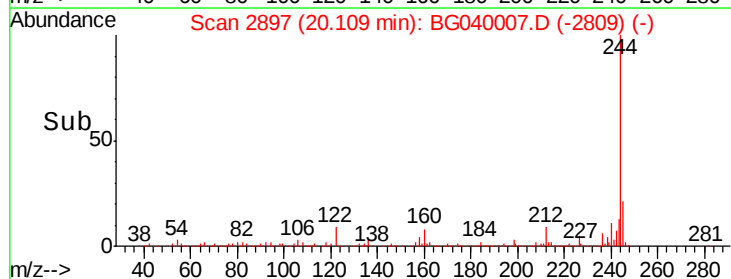
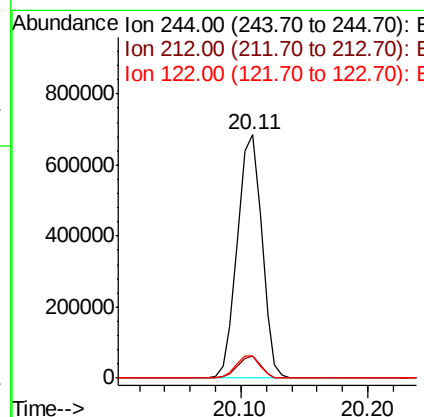
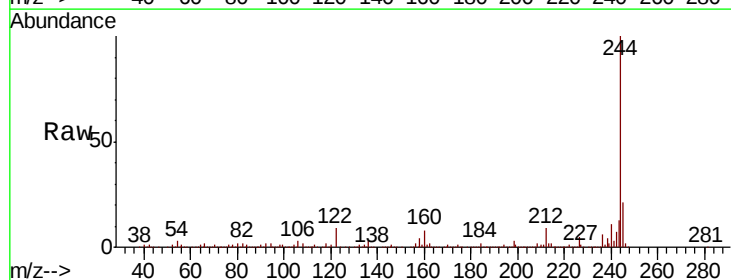
Instrument :
BNA_G
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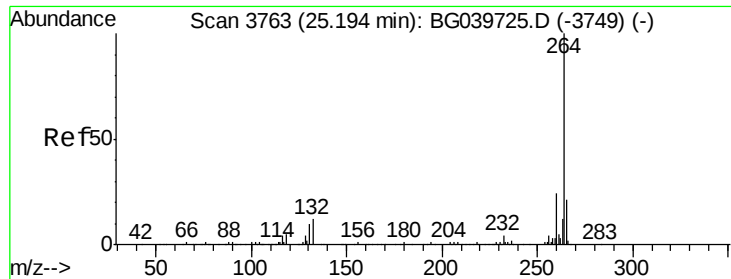
Tot Ion:240 Resp: 301064
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.0 21.0 31.4



#79
Terphenyl-d14
Concen: 66.811 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040007.D
Acq: 19 Mar 2019 17:59

Tgt Ion:244 Resp: 913534
Ion Ratio Lower Upper
244 100
212 9.1 7.3 10.9
122 8.9 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040007.D
Acq: 19 Mar 2019 17:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:	264	Resp:	303868
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.0	18.5	27.7

