

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040012.D
 Acq On : 19 Mar 2019 21:18
 Operator : JU/SJ
 Sample : K1956-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Mar 20 04:41:10 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

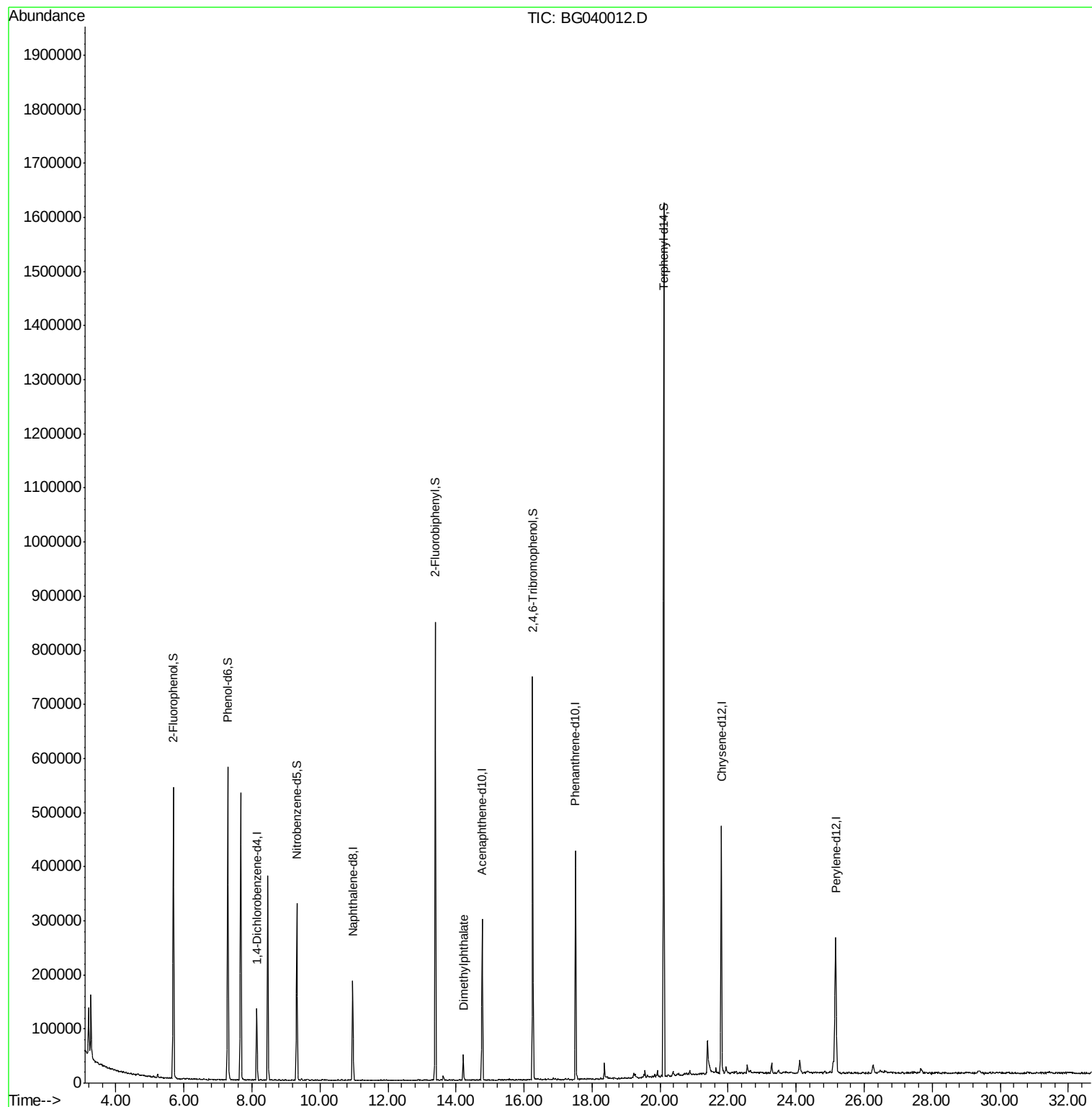
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36846	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	158095	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	104741	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	259049	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	279573	20.00	ng	-0.03
87) Perylene-d12	25.16	264	284229	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	219090	101.44	ng	-0.02
7) Phenol-d6	7.29	99	325933	101.21	ng	-0.02
23) Nitrobenzene-d5	9.32	82	197026	67.40	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	123352	101.04	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	456540	62.06	ng	-0.02
79) Terphenyl-d14	20.11	244	744361	58.62	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	33431	3.817	ng	Qvalue 98

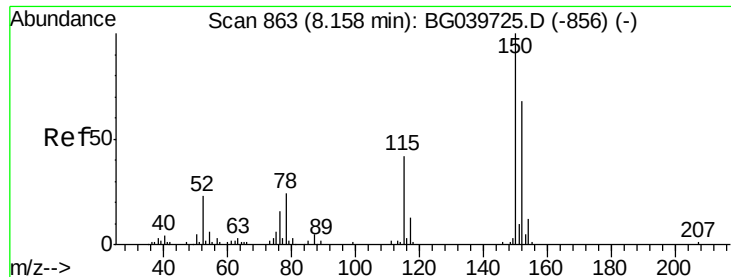
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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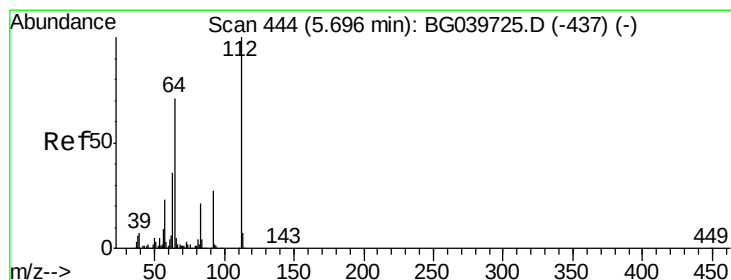
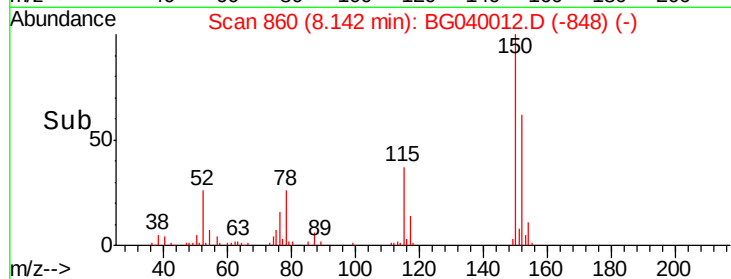
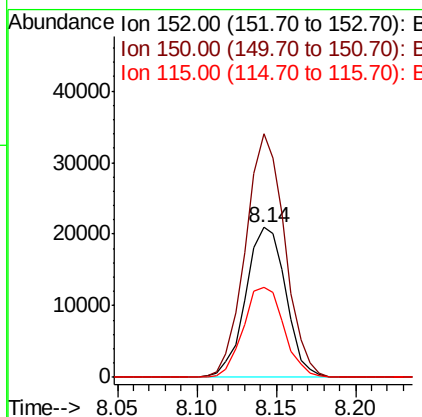
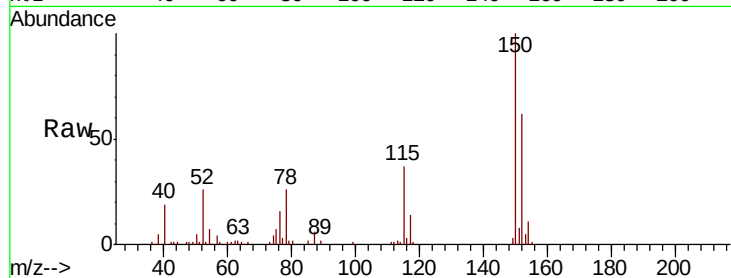


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Instrument :
BNA_G
ClientSampled :
TP-7

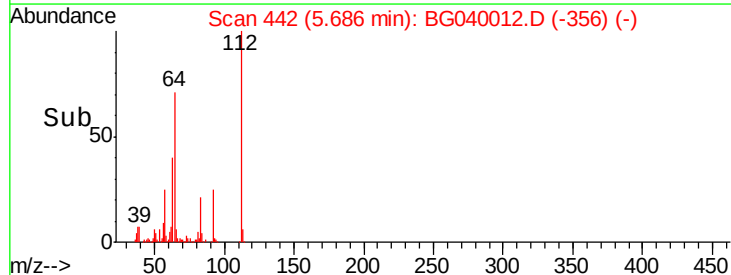
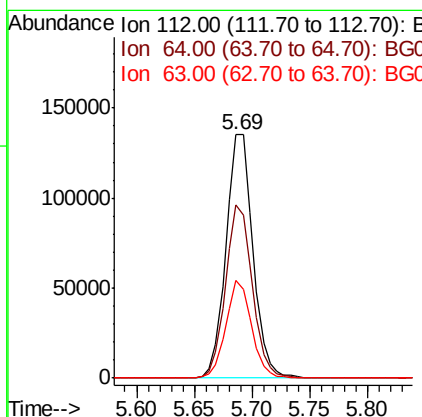
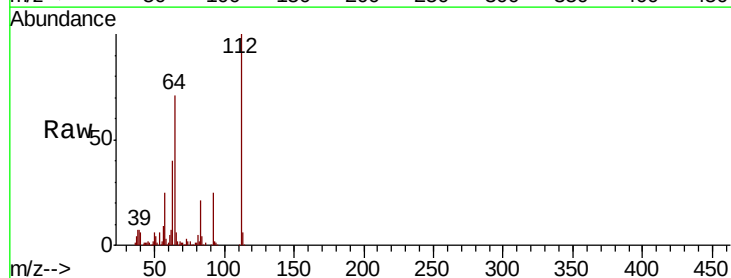
Tot Ion	152	Resp	36846
Ion	Ratio	Lower	Upper
152	100		
150	162.4	123.7	185.5
115	60.3	45.9	68.9

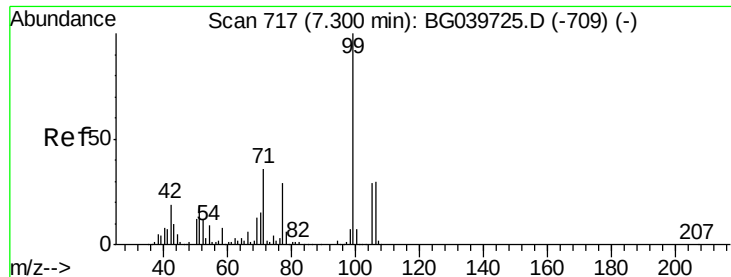


#5

2-Fluorophenol
Concen: 101.441 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion	112	Resp	219090
Ion	Ratio	Lower	Upper
112	100		
64	71.2	57.8	86.8
63	39.9	29.8	44.6





#7

Phenol-d6

Concen: 101.210 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampled :

TP-7

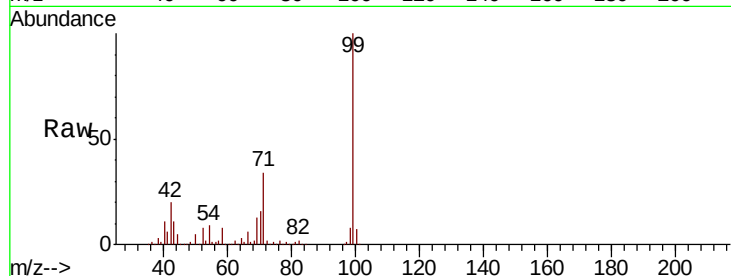
Tot Ion: 99 Resp: 325933

Ion Ratio Lower Upper

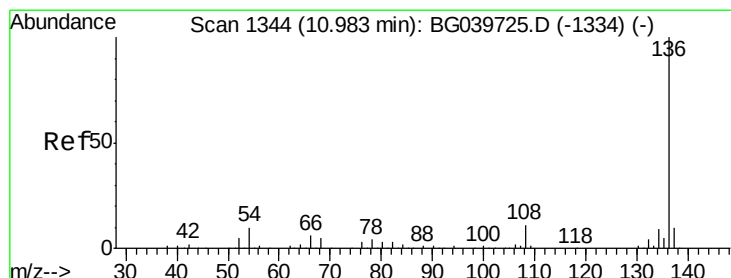
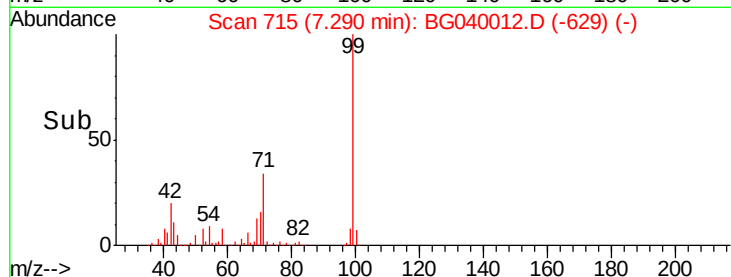
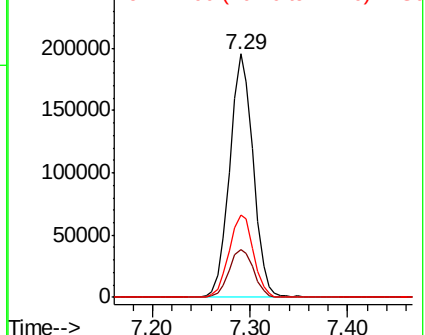
99 100

42 19.6 18.2 27.2

71 34.0 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: BG040012.D

Acq: 19 Mar 2019 21:18

Tgt Ion: 136 Resp: 158095

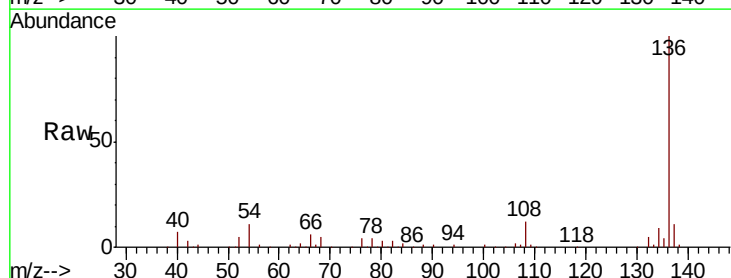
Ion Ratio Lower Upper

136 100

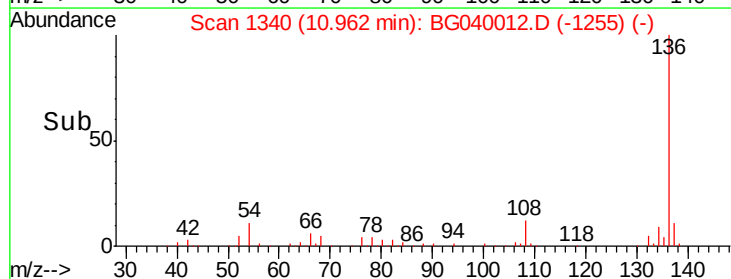
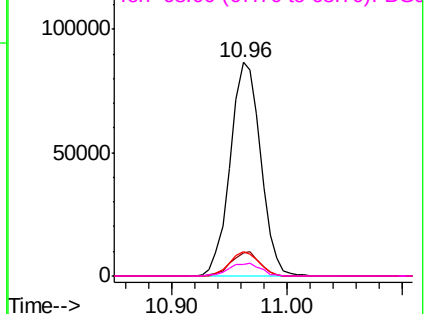
137 10.9 9.1 13.7

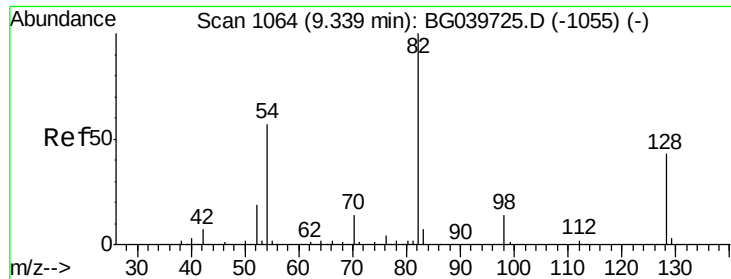
54 11.4 9.4 14.2

68 5.3 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

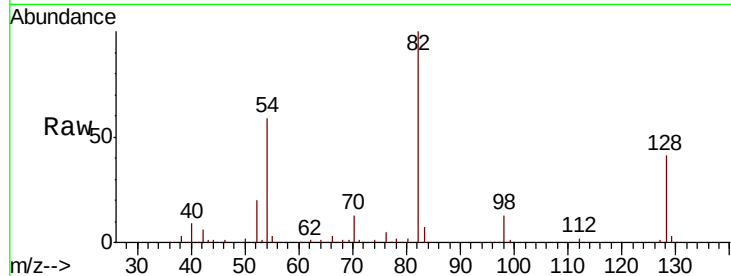




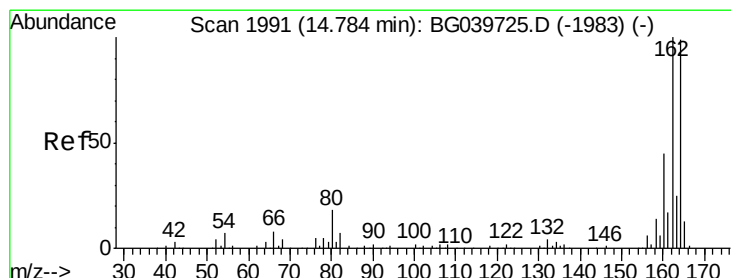
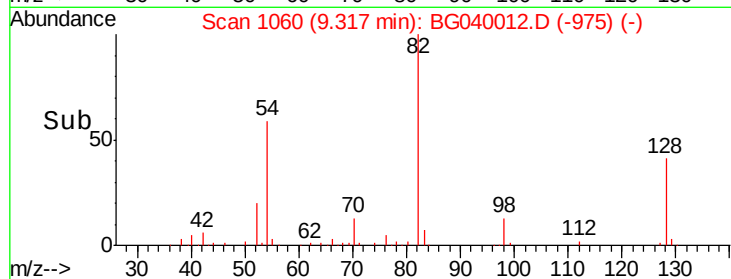
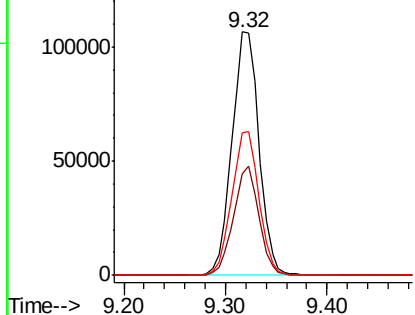
#23
 Nitrobenzene-d5
 Concen: 67.402 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tot Ion: 82 Resp: 197026
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.3 46.9
 54 58.7 50.9 76.3

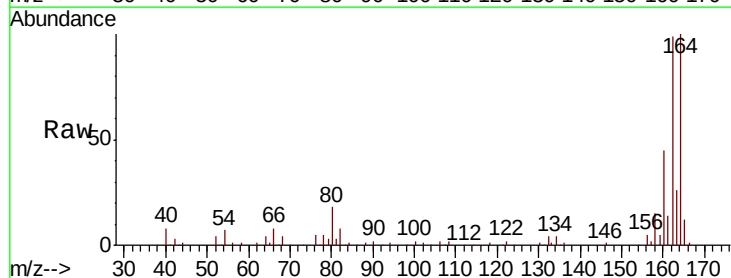


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

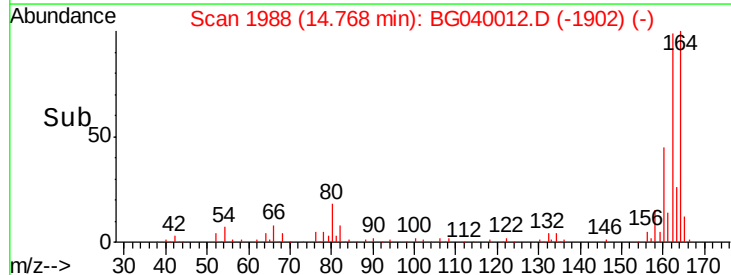
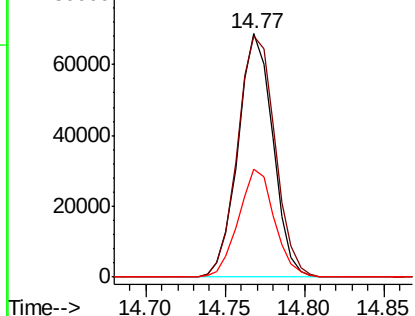


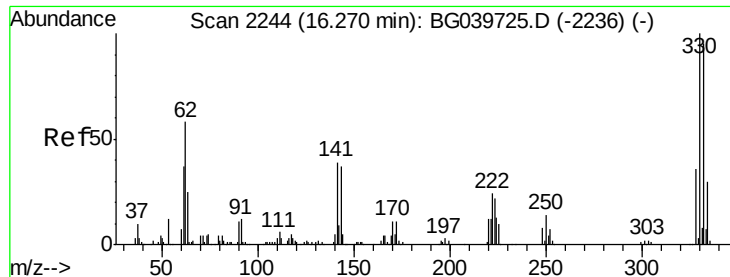
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Tgt Ion: 164 Resp: 104741
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.6 122.4
 160 44.5 34.2 51.2



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: 101.039 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

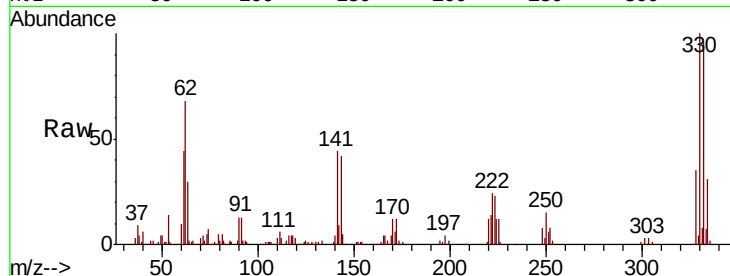
Tot Ion:330 Resp: 123352

Ion Ratio Lower Upper

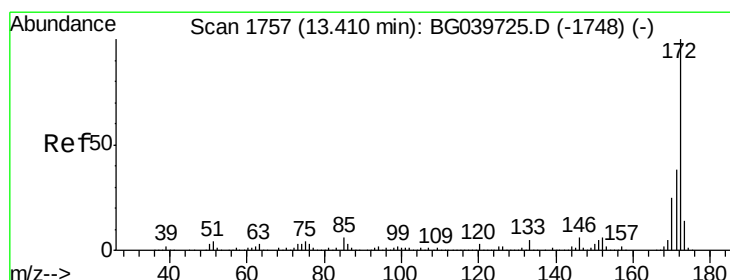
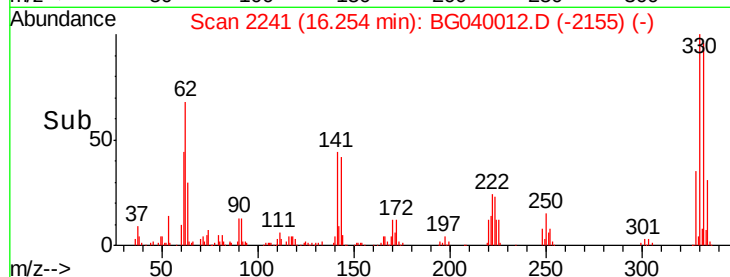
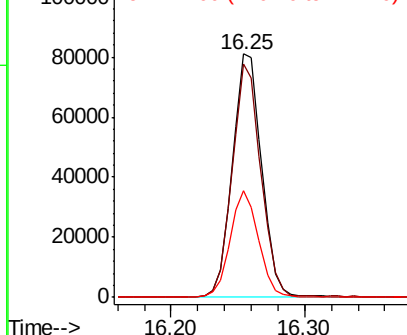
330 100

332 94.6 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: 62.061 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

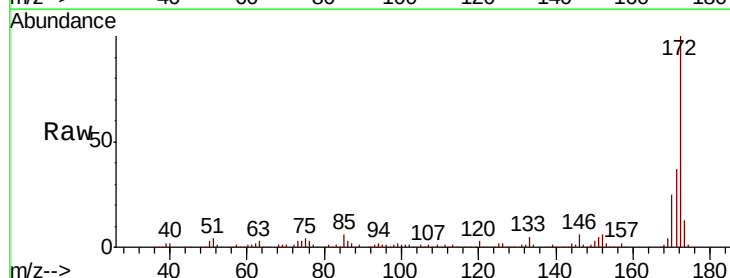
Tgt Ion:172 Resp: 456540

Ion Ratio Lower Upper

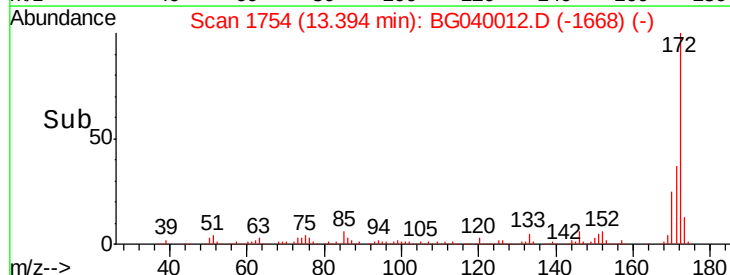
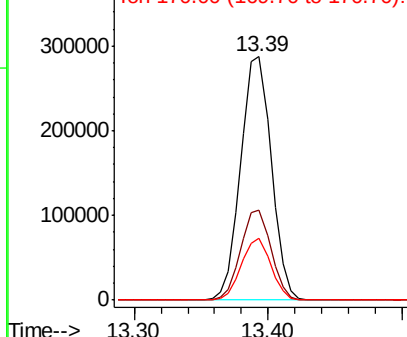
172 100

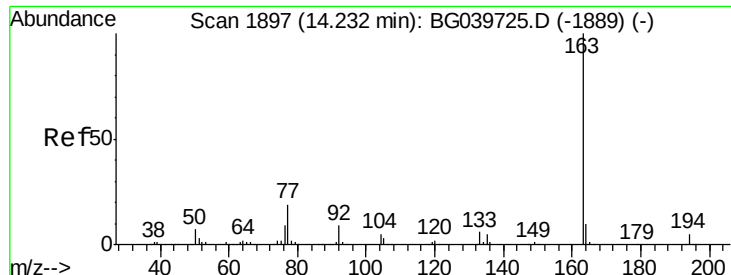
171 36.7 30.8 46.2

170 25.3 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: 3.817 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

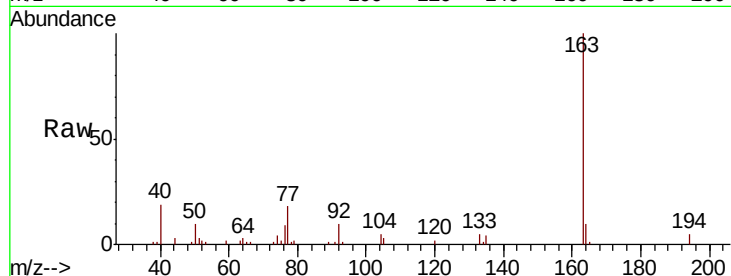
Tot Ion:163 Resp: 33431

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

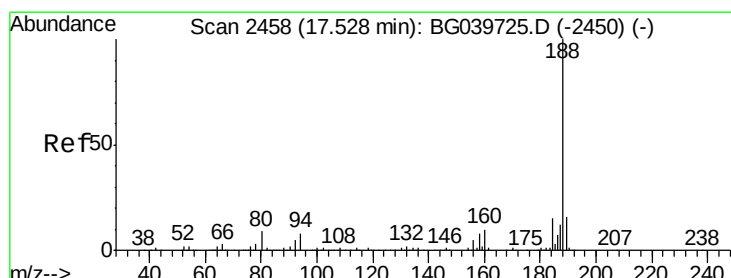
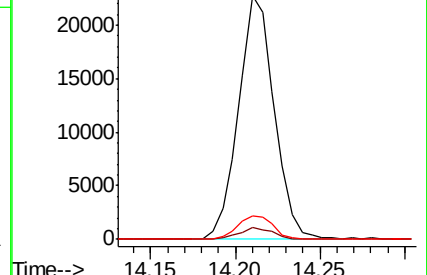
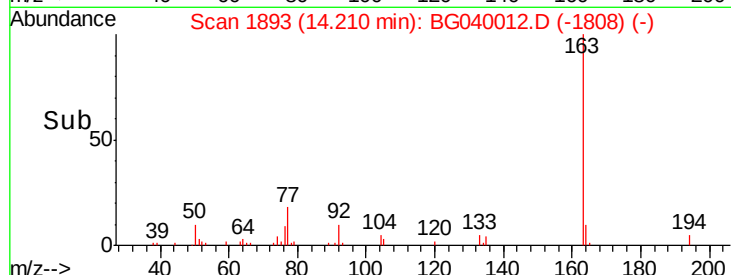
164 9.6 8.4 12.6



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: BG040012.D

Acq: 19 Mar 2019 21:18

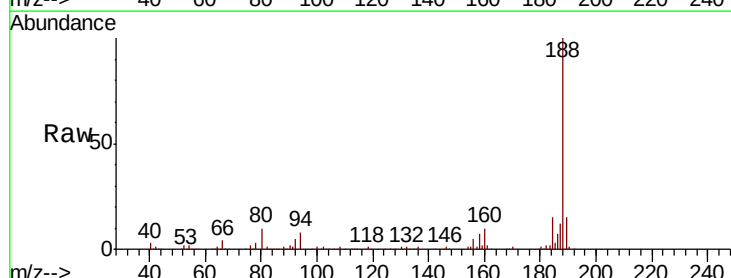
Tgt Ion:188 Resp: 259049

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

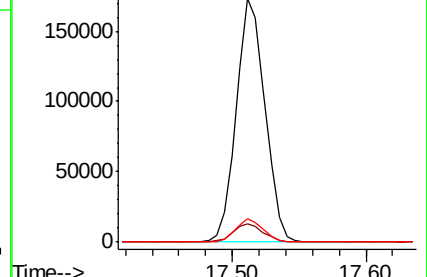
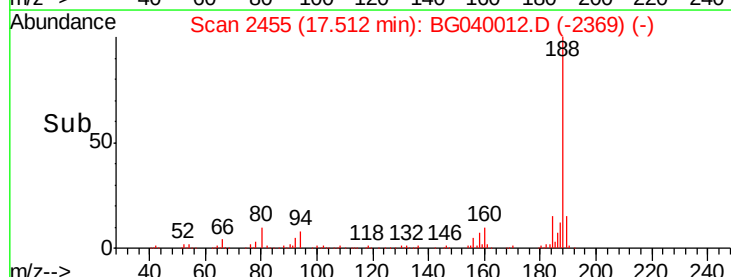
80 9.6 8.1 12.1

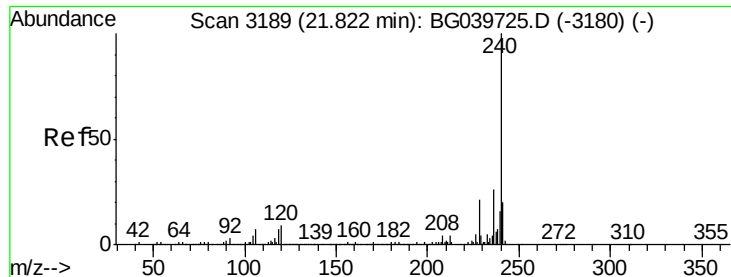


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

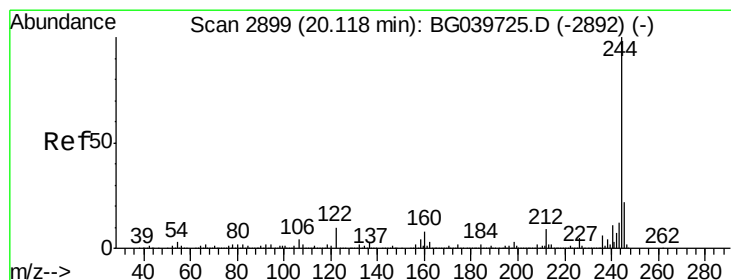
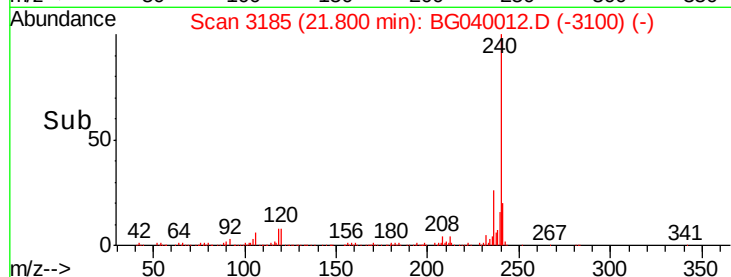
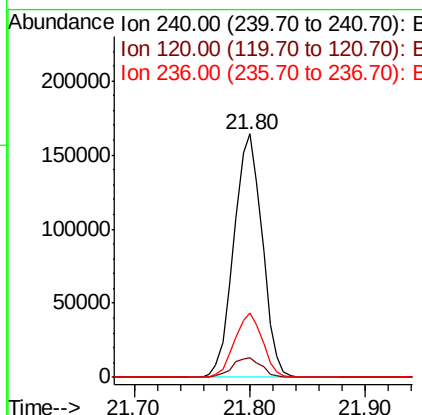
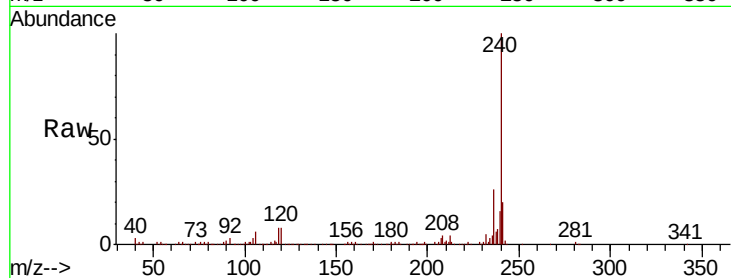




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

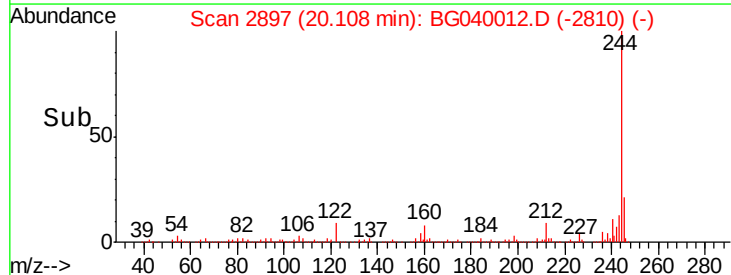
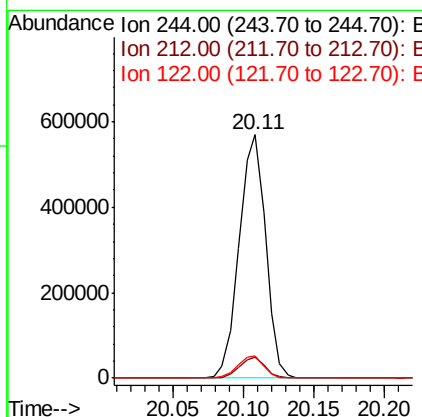
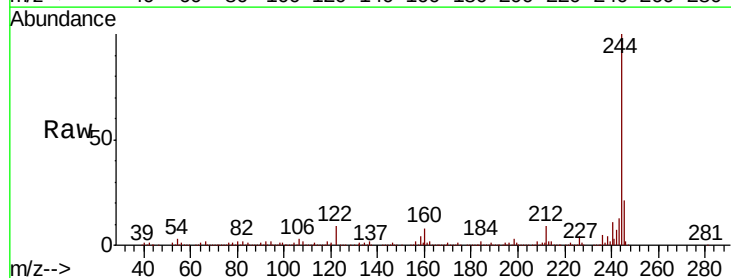
Instrument :
 BNA_G
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 TP-7

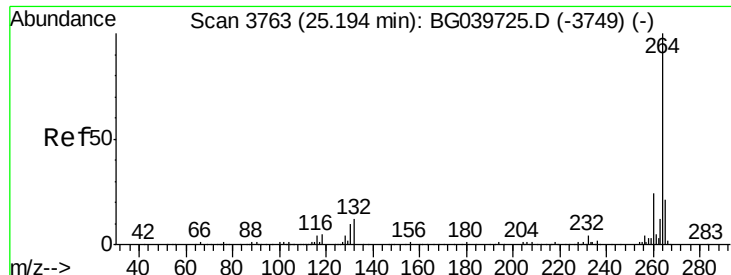
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.2	21.0	31.4



#79
 Terphenyl-d14
 Concen: 58.623 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	8.9	8.4	12.6

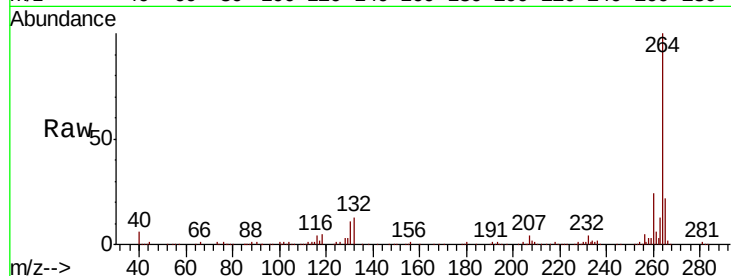




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Instrument :
BNA_G
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.0	18.5	27.7



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

