

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040017.D
 Acq On : 20 Mar 2019 00:37
 Operator : JU/SJ
 Sample : K1935-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(9-10)

Quant Time: Mar 20 04:54:56 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

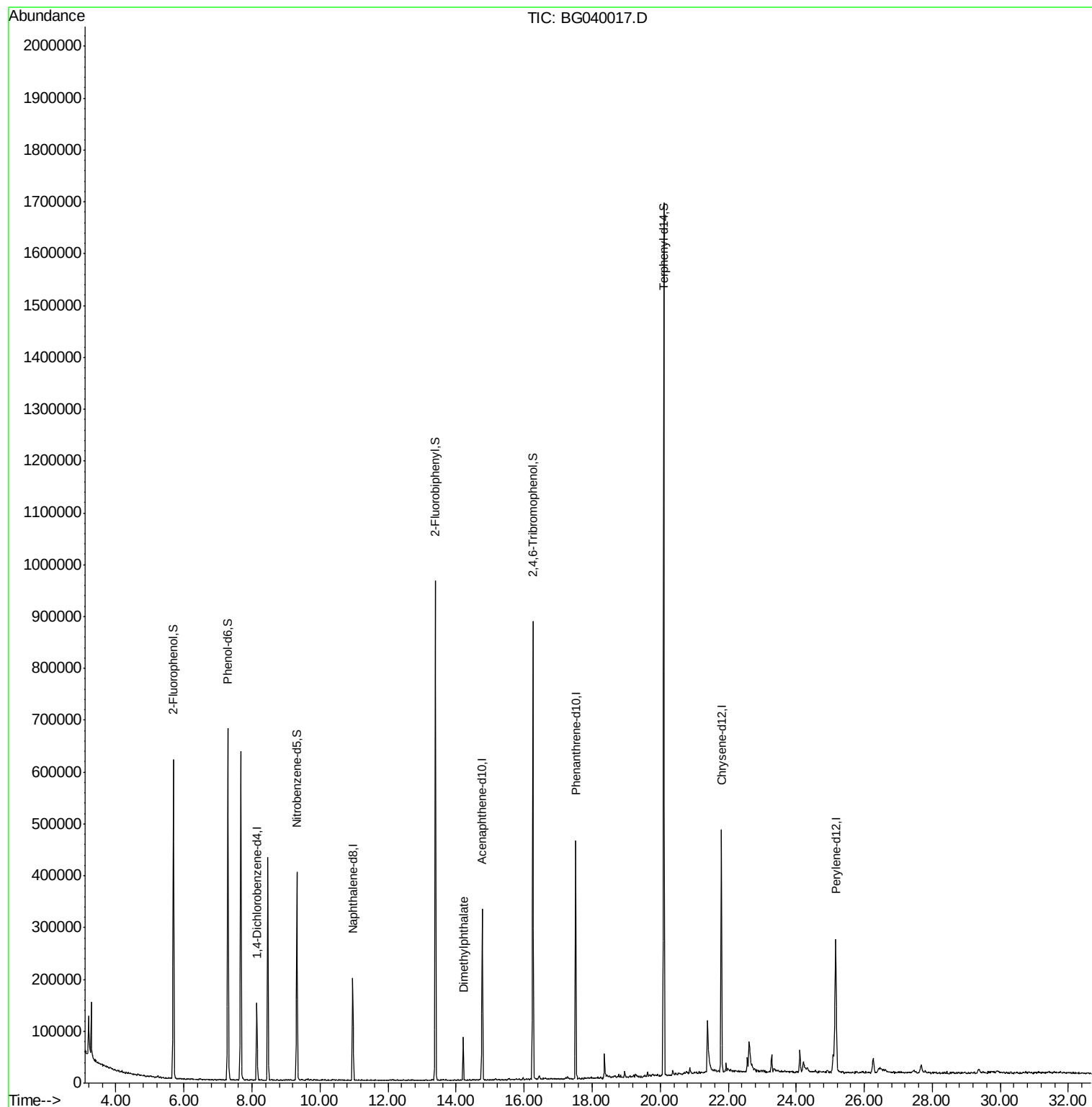
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40155	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	172760	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	116724	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	282228	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	287876	20.00	ng	-0.03
87) Perylene-d12	25.16	264	292647	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	258337	109.76	ng	-0.02
7) Phenol-d6	7.29	99	384517	109.56	ng	-0.02
23) Nitrobenzene-d5	9.32	82	235530	73.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	151463	111.33	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	516748	63.03	ng	-0.02
79) Terphenyl-d14	20.11	244	760244	58.15	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	52597	5.389	ng	Qvalue 99

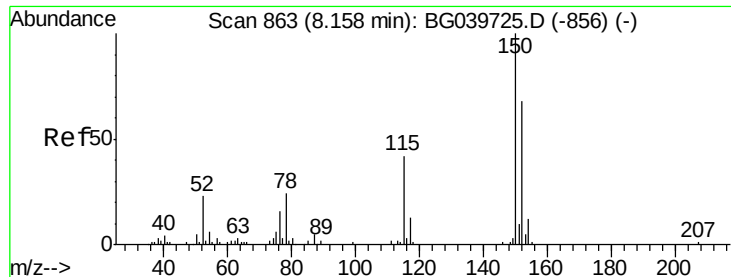
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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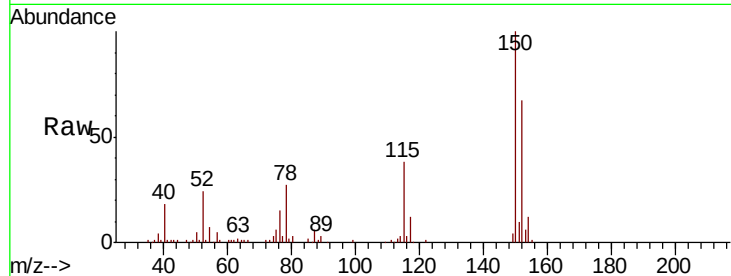


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	123.7	185.5
115	56.5	45.9	68.9

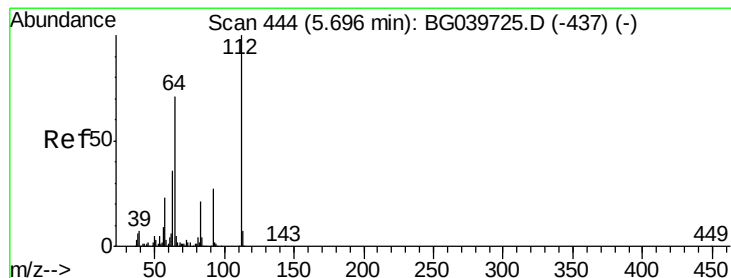
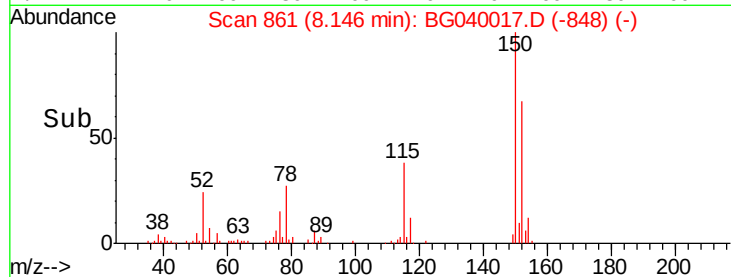
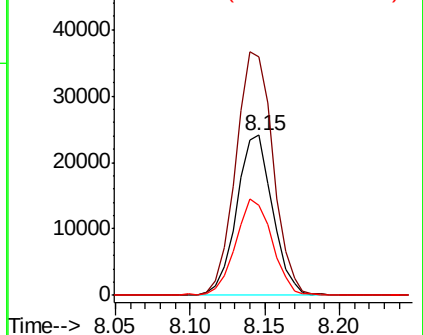


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

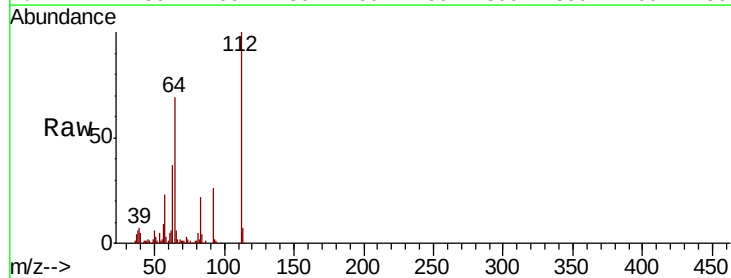
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.756 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	37.1	29.8	44.6

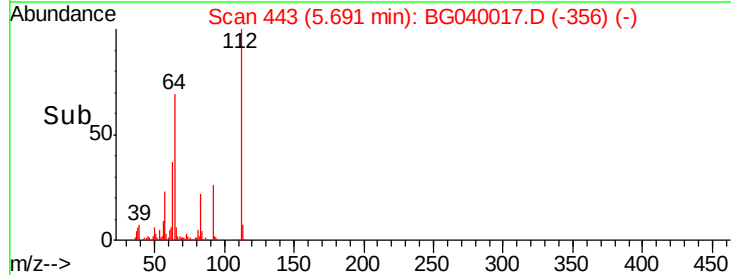
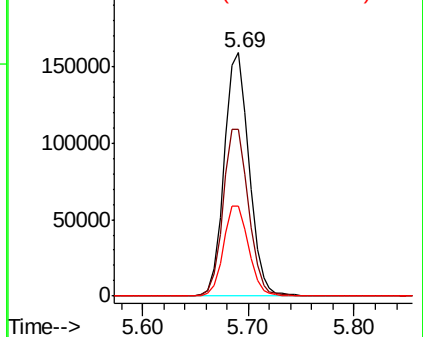


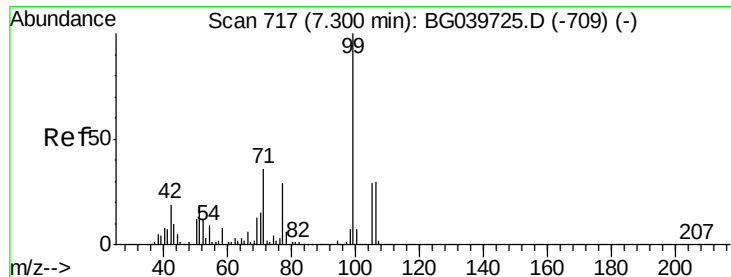
Abundance

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: 109.563 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

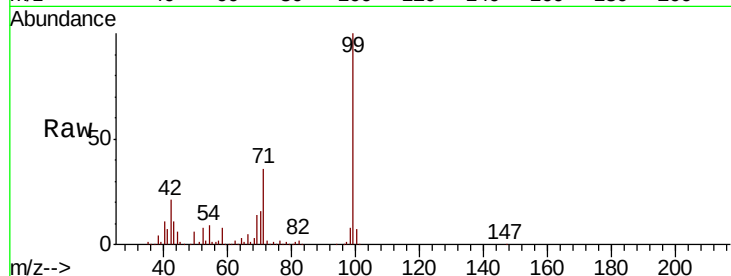
Tot Ion: 99 Resp: 384517

Ion Ratio Lower Upper

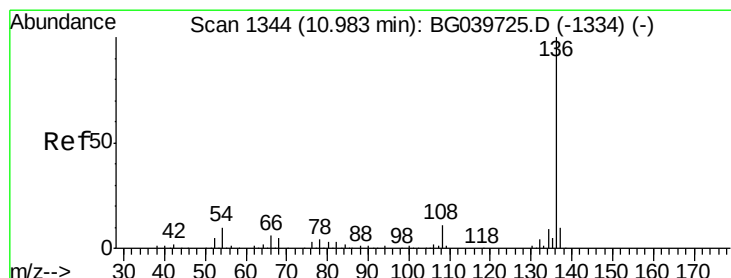
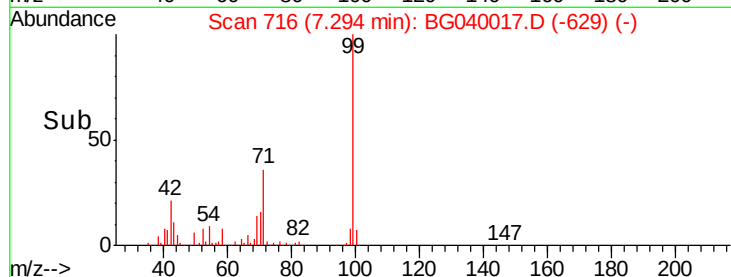
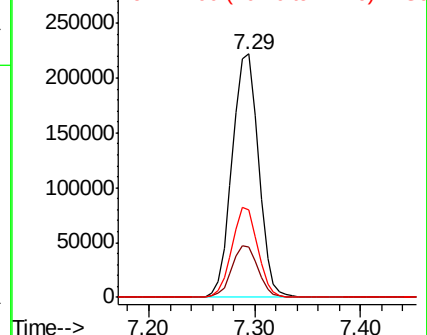
99 100

42 20.6 18.2 27.2

71 35.9 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# 1341

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Tgt Ion: 136 Resp: 172760

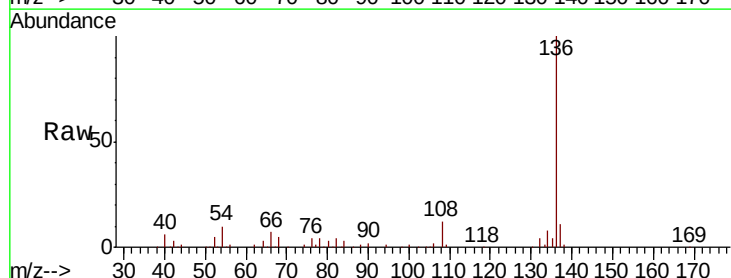
Ion Ratio Lower Upper

136 100

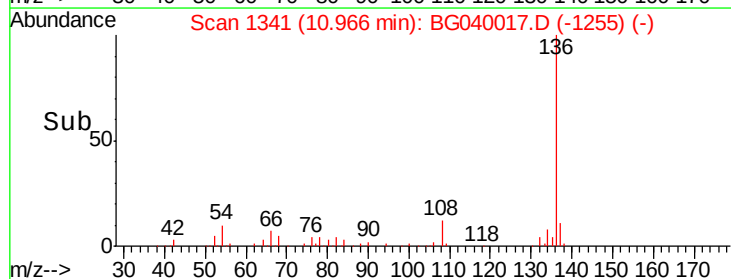
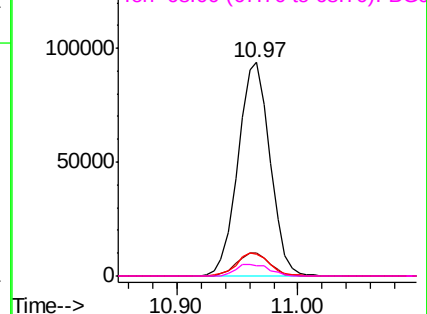
137 10.6 9.1 13.7

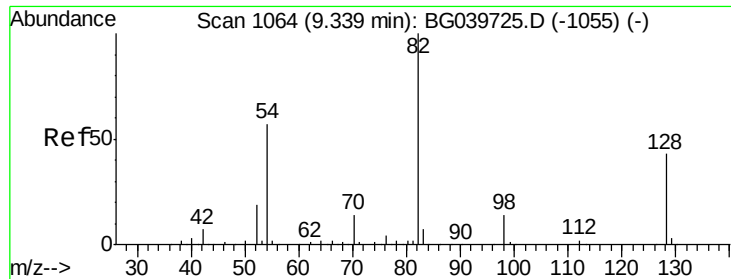
54 10.1 9.4 14.2

68 5.1 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

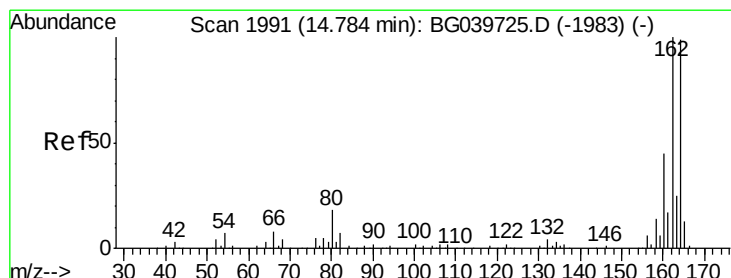
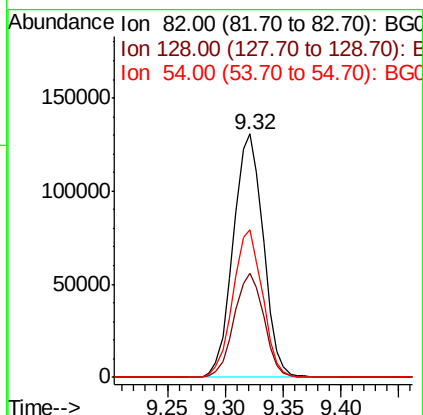
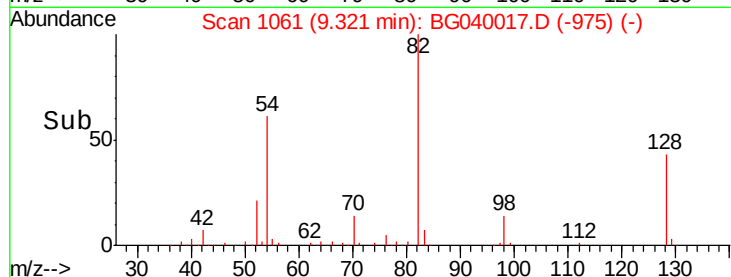
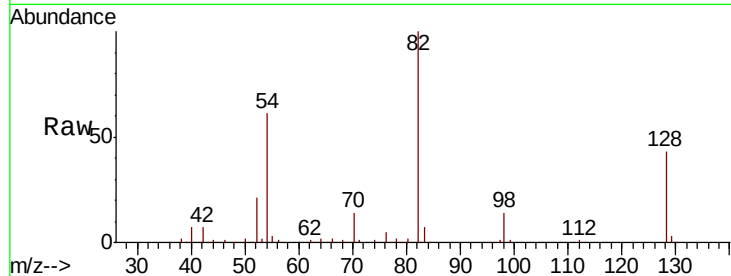




#23
Nitrobenzene-d5
Concen: 73.735 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

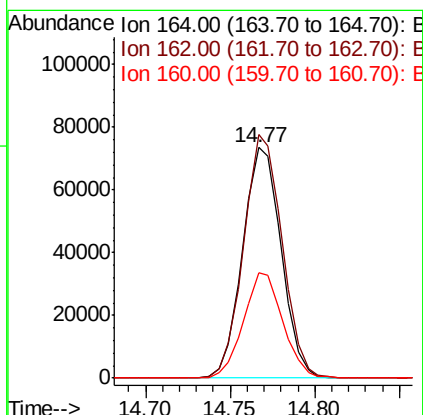
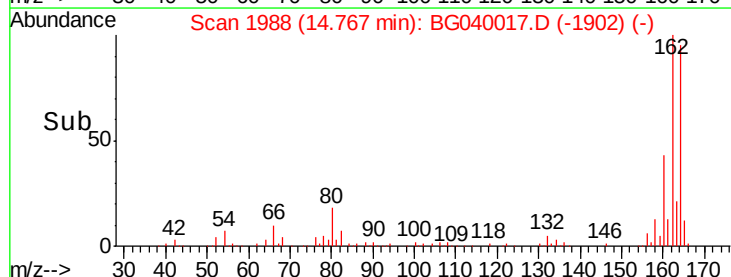
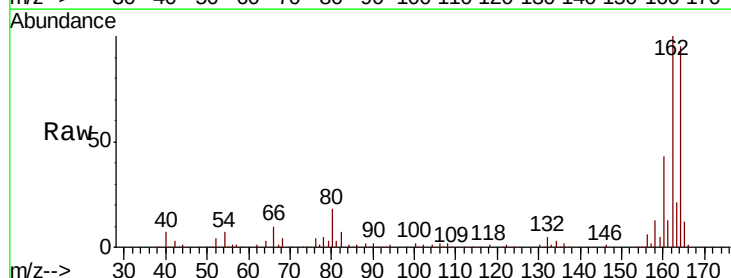
Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

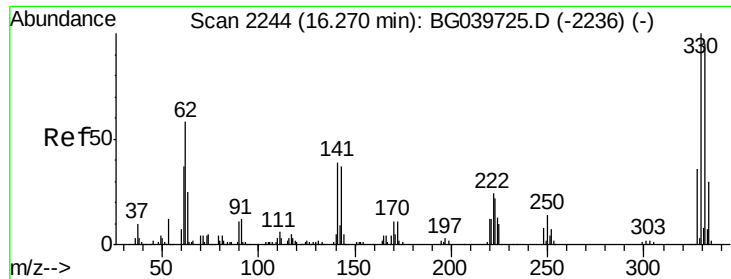
Tot Ion	82	Resp	235530
Ion Ratio	100	Lower	Upper
128	42.6	31.3	46.9
54	60.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion	164	Resp	116724
Ion Ratio	100	Lower	Upper
162	105.7	81.6	122.4
160	46.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 111.329 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

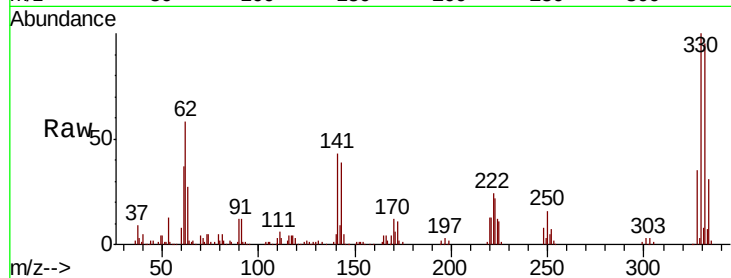
Tot Ion:330 Resp: 151463

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

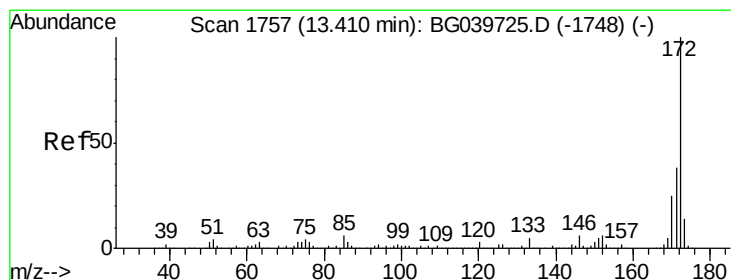
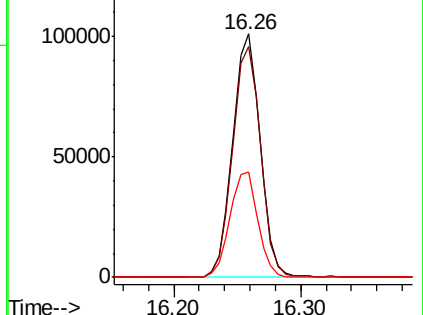
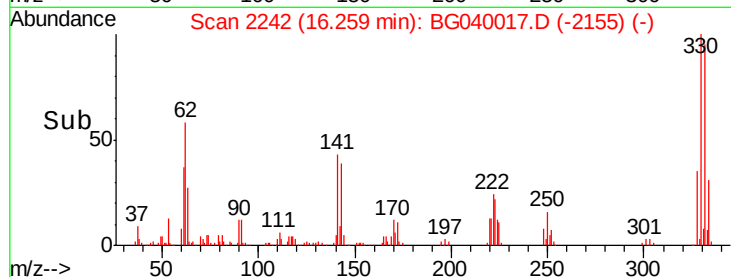
141 44.0 35.6 53.4



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: 63.034 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

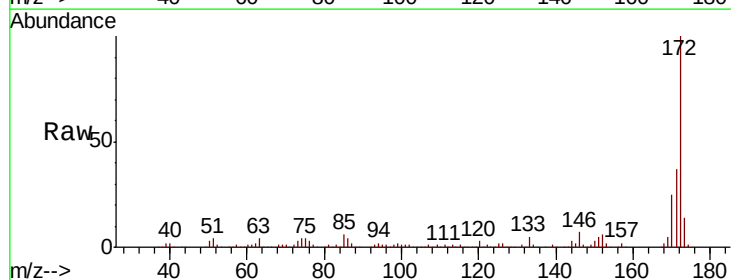
Tgt Ion:172 Resp: 516748

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

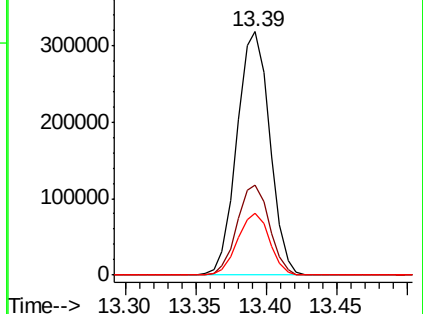
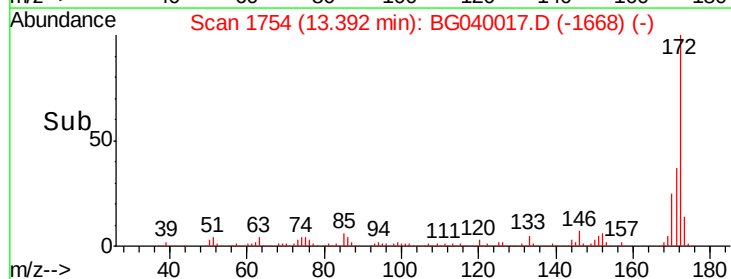
170 25.2 20.2 30.4

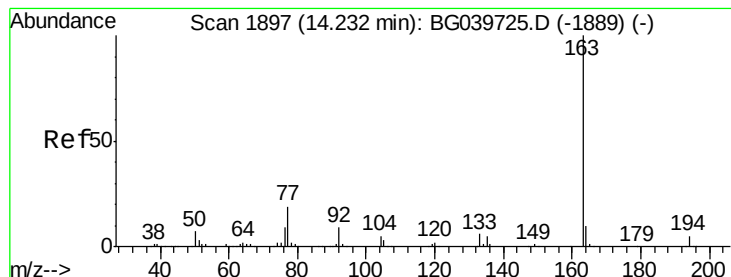


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.389 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

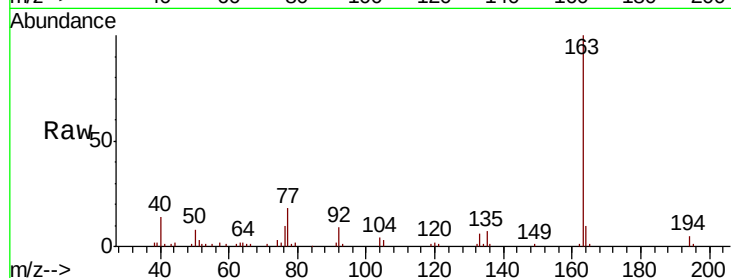
Tot Ion:163 Resp: 52597

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

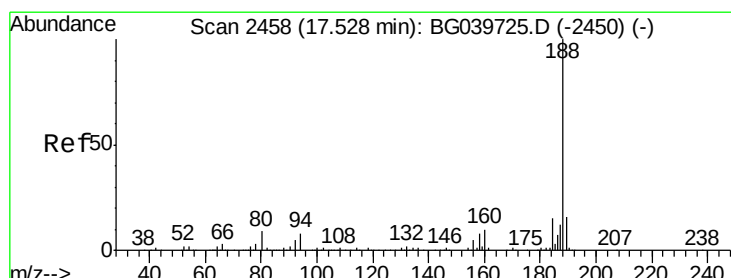
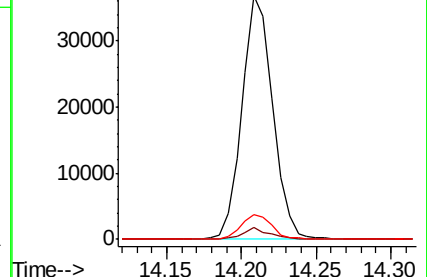
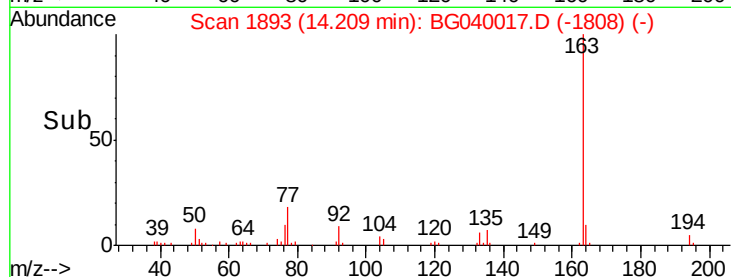
164 10.4 8.4 12.6



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# 2456

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

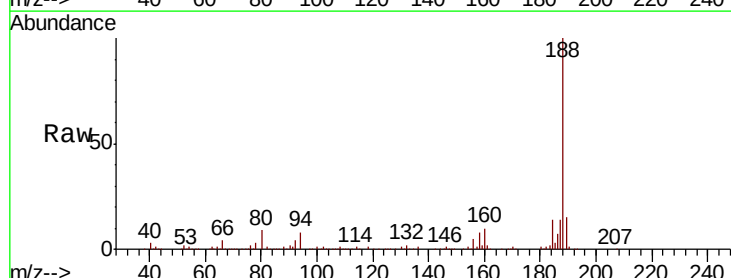
Tgt Ion:188 Resp: 282228

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

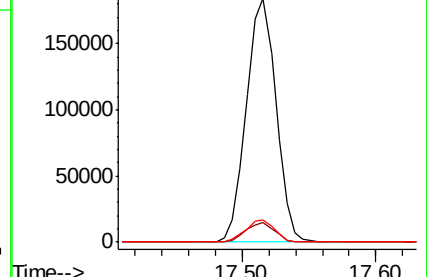
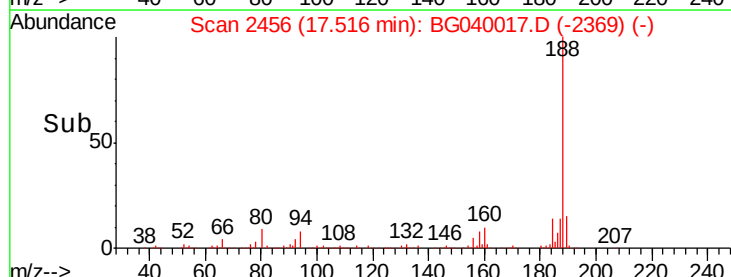
80 8.9 8.1 12.1

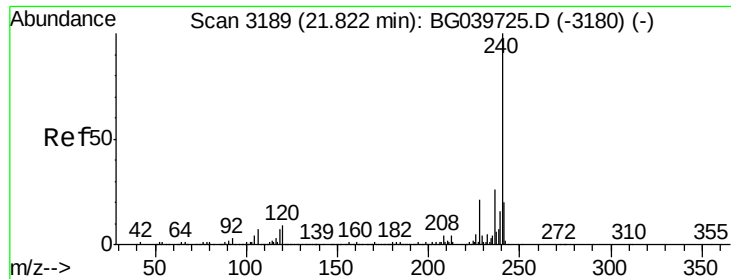


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

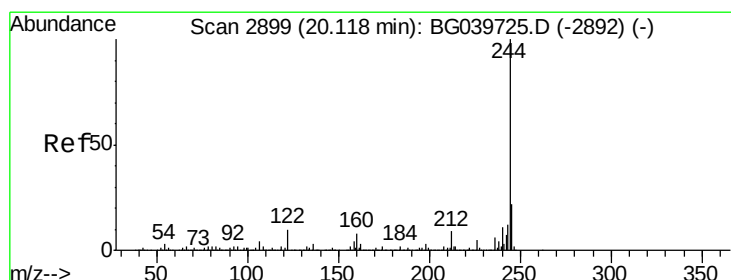
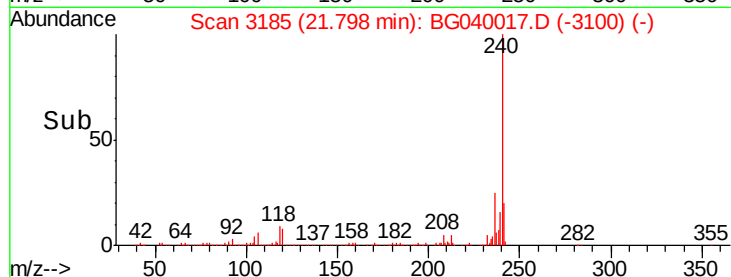
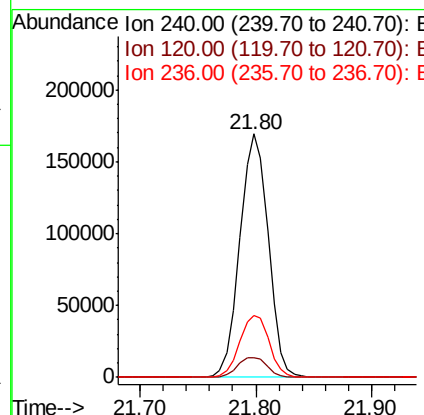
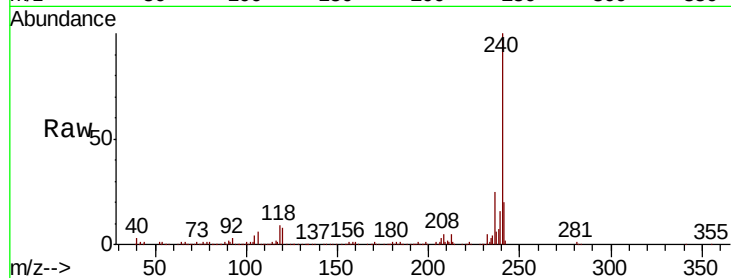




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

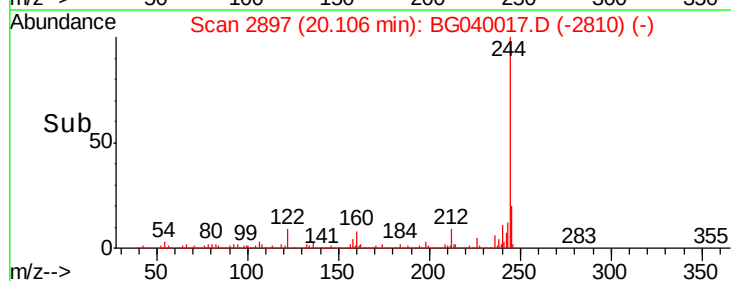
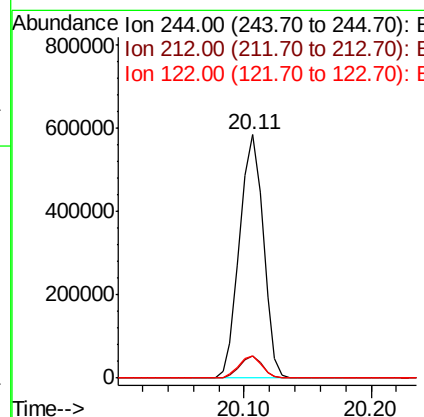
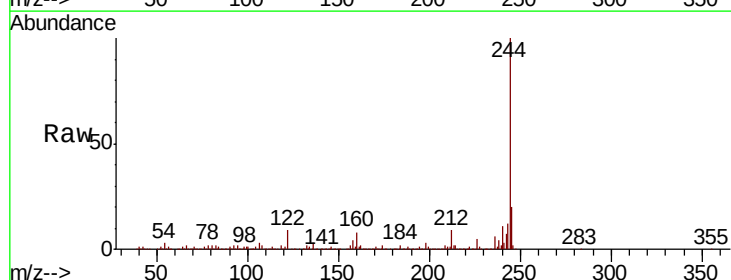
Instrument :
BNA_G
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SB-7(9-10)

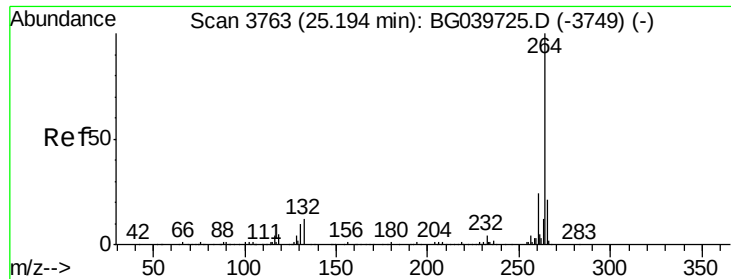
Tot Ion:240 Resp: 287876
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 25.3 21.0 31.4



#79
Terphenyl-d14
Concen: 58.147 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion:244 Resp: 760244
Ion Ratio Lower Upper
244 100
212 8.8 7.3 10.9
122 8.9 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.8	18.5	27.7

