

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040163.D
 Acq On : 27 Mar 2019 1:40
 Operator : JU/SJ
 Sample : K2103-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-C02-SETTLED-2H-B

Quant Time: Mar 27 03:49:30 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

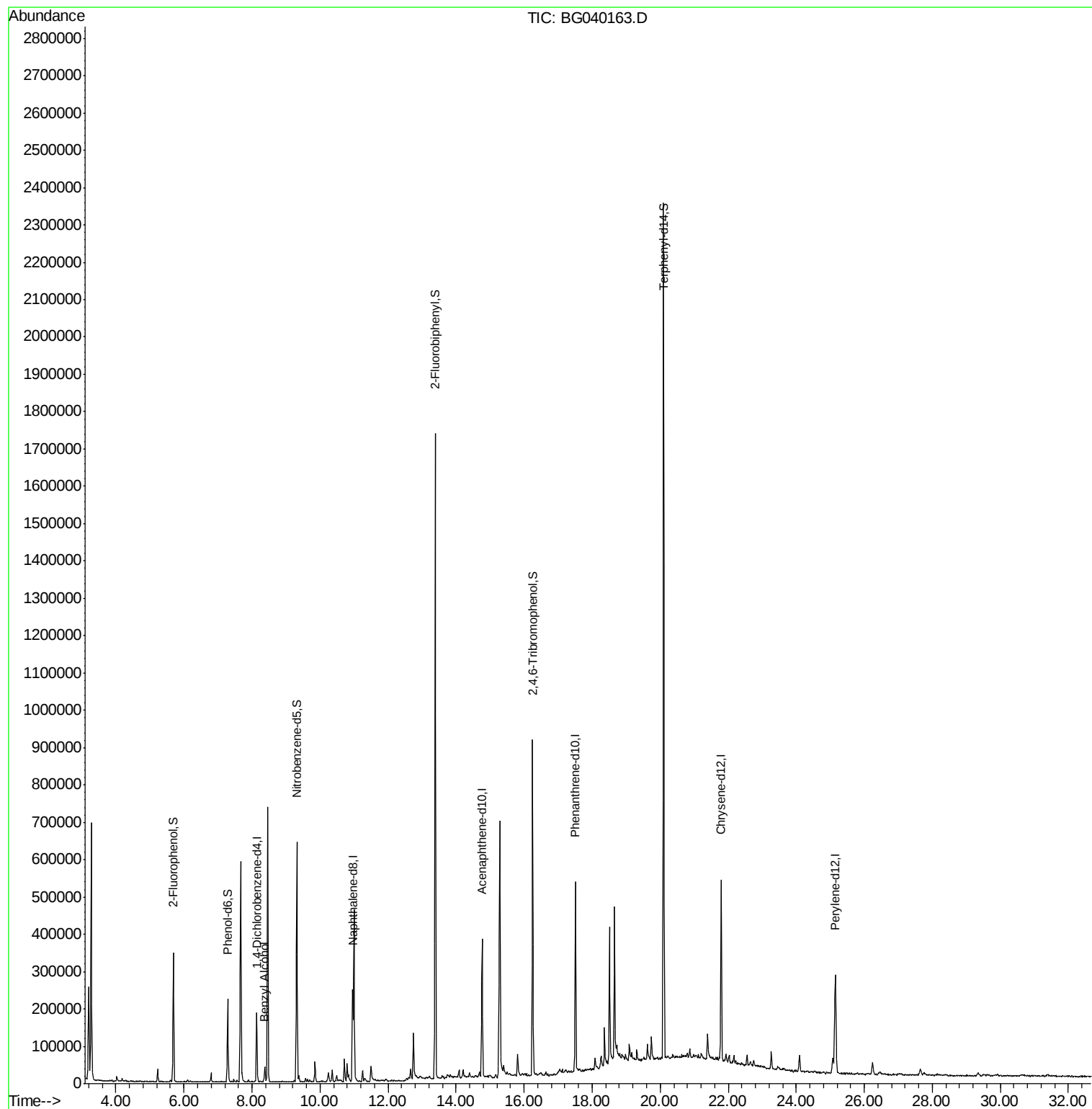
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	49810	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	222291	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	132367	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	294053	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	295687	20.00	ng	-0.04
87) Perylene-d12	25.15	264	304280	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	143697	49.22	ng	-0.02
7) Phenol-d6	7.28	99	131319	30.16	ng	-0.03
23) Nitrobenzene-d5	9.32	82	392529	95.50	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	158025	102.43	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	889755	95.71	ng	-0.03
79) Terphenyl-d14	20.11	244	1103629	82.18	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.38	79	15821	4.581	ng	Qvalue 93

(#) = 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: BG040163.D

Acq: 27 Mar 2019 1:40

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BNA_G

ClientSampleId :

MH-C02-SETTLED-2H-B

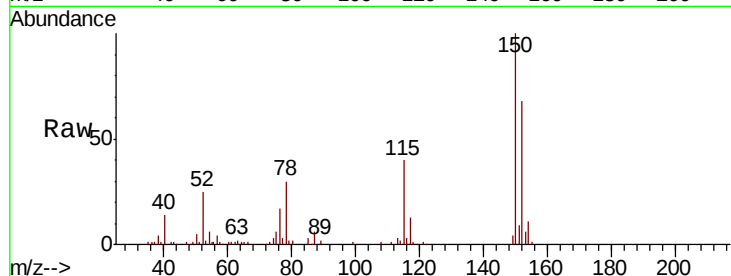
Tot Ion:152 Resp: 49810

Ion Ratio Lower Upper

152 100

150 147.4 123.7 185.5

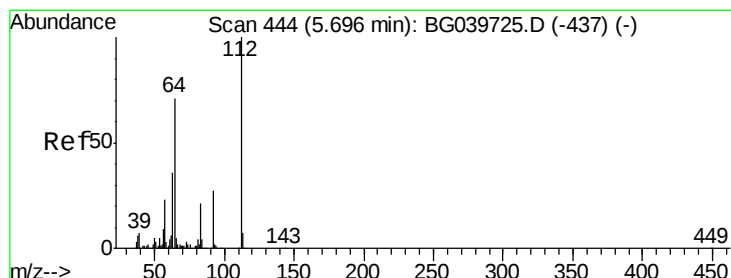
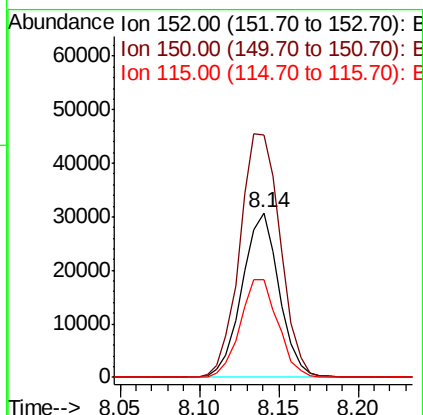
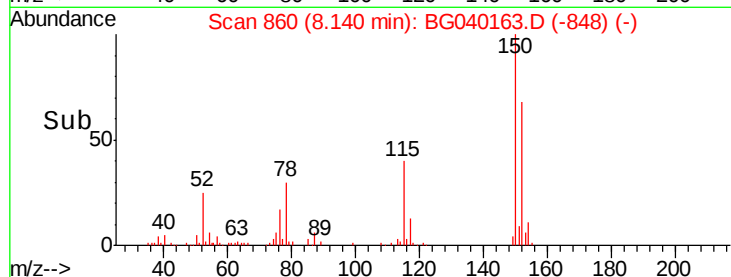
115 59.5 45.9 68.9



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: 49.217 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040163.D

Acq: 27 Mar 2019 1:40

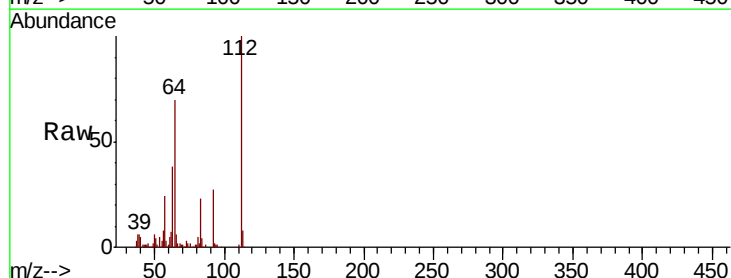
Tgt Ion:112 Resp: 143697

Ion Ratio Lower Upper

112 100

64 70.3 57.8 86.8

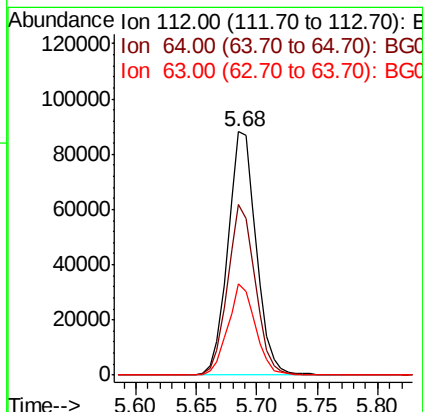
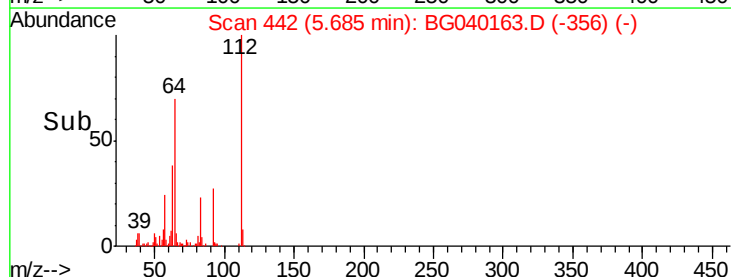
63 37.7 29.8 44.6



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: 30.165 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

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Acq: 27 Mar 2019 1:40

Instrument :

BNA_G

ClientSampleId :

MH-C02-SETTLED-2H-B

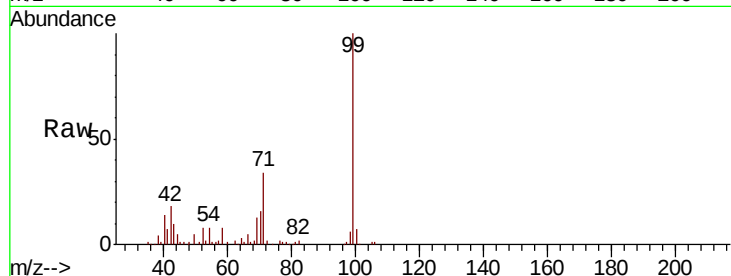
Tot Ion: 99 Resp: 131319

Ion Ratio Lower Upper

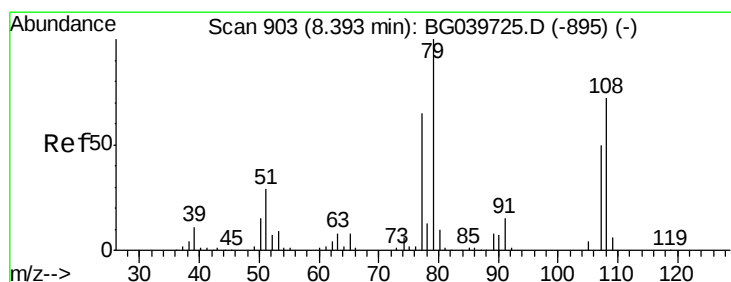
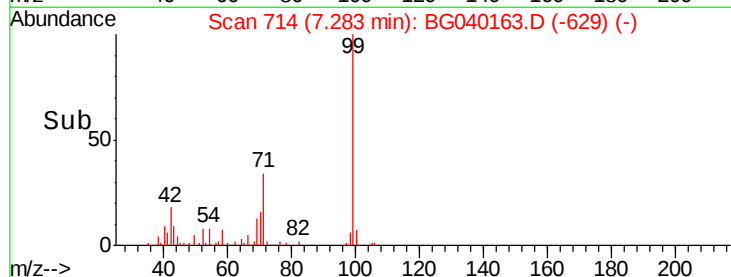
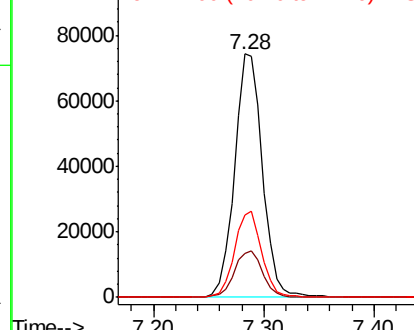
99 100

42 17.9 18.2 27.2#

71 33.8 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



#15

Benzyl Alcohol

Concen: 4.581 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG040163.D

Acq: 27 Mar 2019 1:40

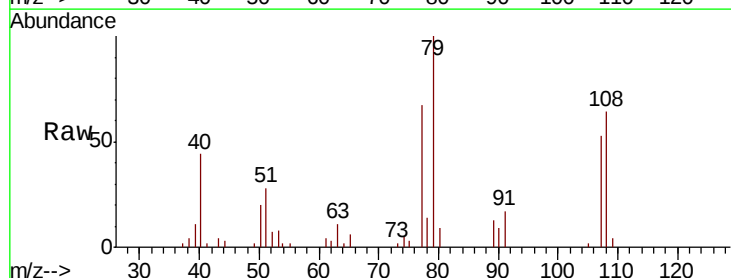
Tgt Ion: 79 Resp: 15821

Ion Ratio Lower Upper

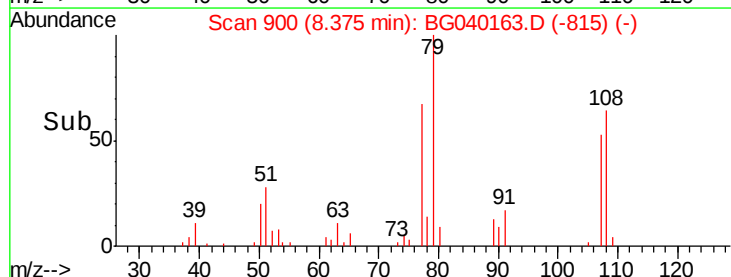
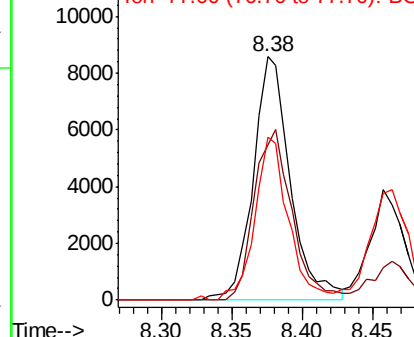
79 100

108 63.6 57.8 86.6

77 67.1 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

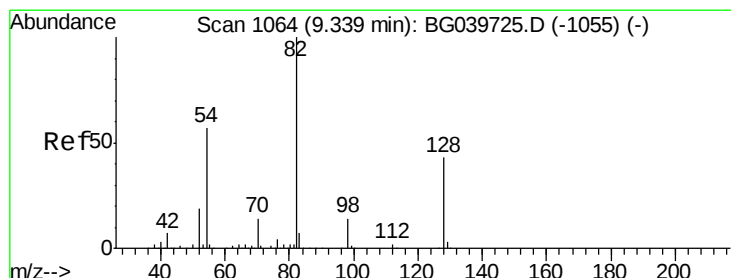
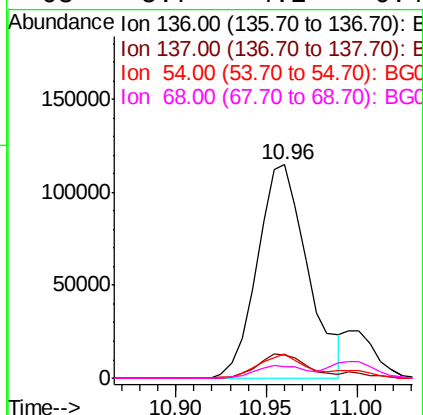
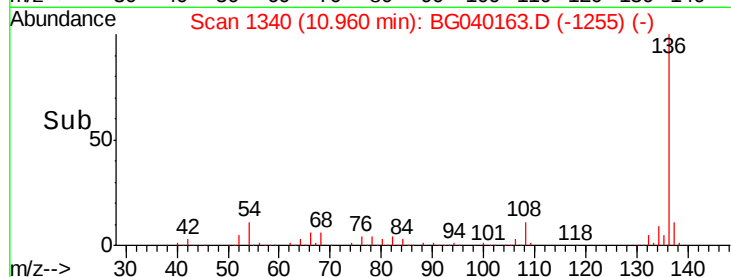
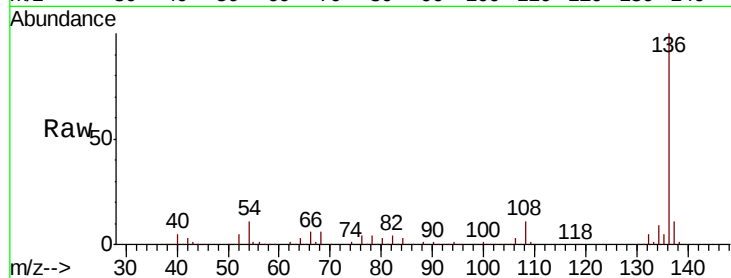




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040163.D
Acq: 27 Mar 2019 1:40

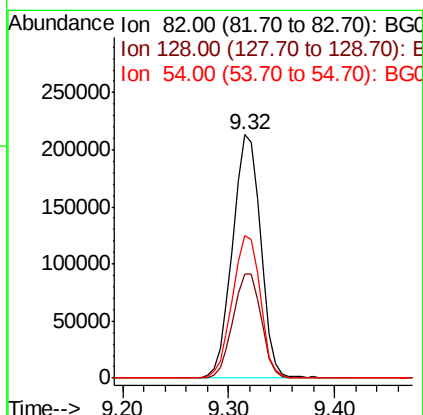
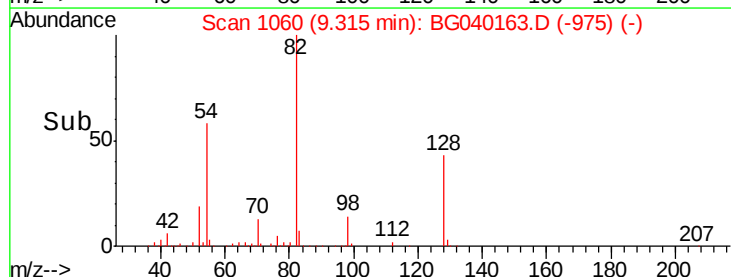
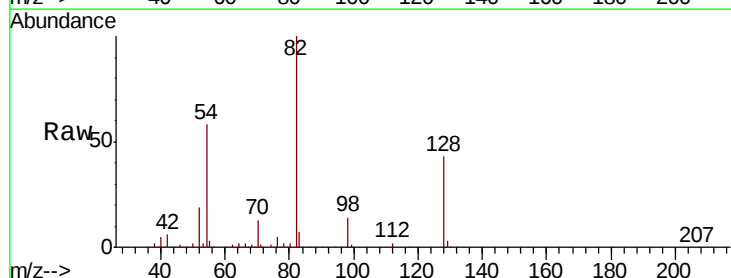
Instrument :
BNA_G
ClientSampleId :
MH-C02-SETTLED-2H-B

Tot Ion:136	Resp:	222291
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.1 13.7
54	11.3	9.4 14.2
68	5.7	4.2 6.4



#23
Nitrobenzene-d5
Concen: 95.503 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040163.D
Acq: 27 Mar 2019 1:40

Tgt Ion: 82	Resp:	392529
Ion	Ratio	Lower Upper
82	100	
128	42.9	31.3 46.9
54	58.3	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040163.D

Acq: 27 Mar 2019 1:40

Instrument :

BNA_G

ClientSampleId :

MH-C02-SETTLED-2H-B

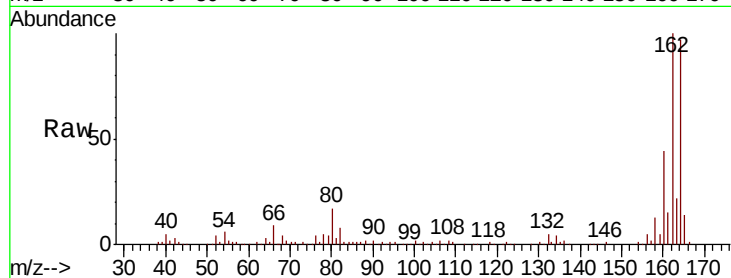
Tot Ion:164 Resp: 132367

Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

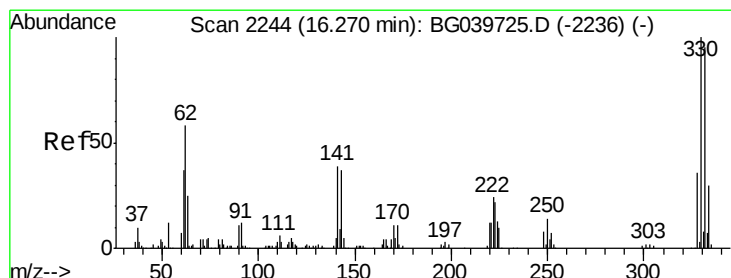
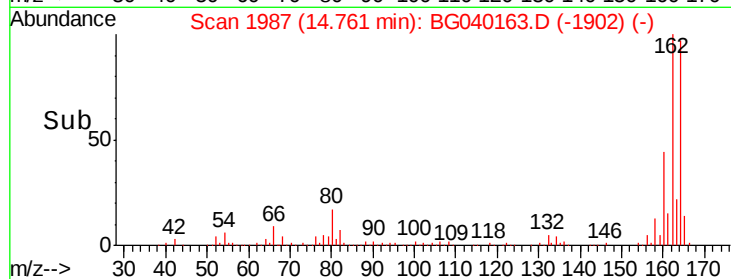
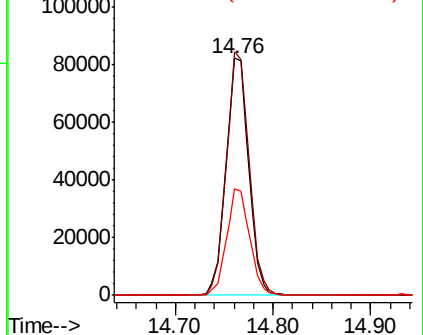
160 44.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 102.425 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040163.D

Acq: 27 Mar 2019 1:40

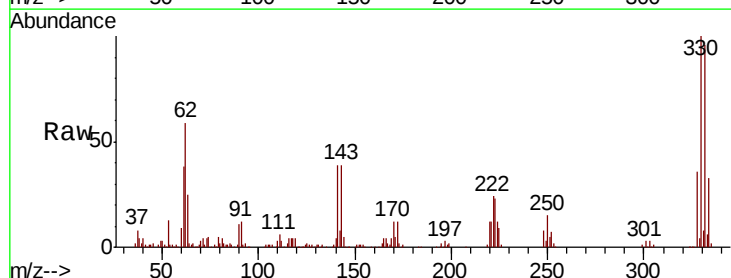
Tgt Ion:330 Resp: 158025

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

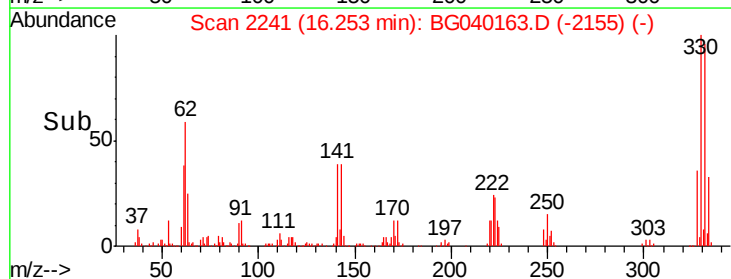
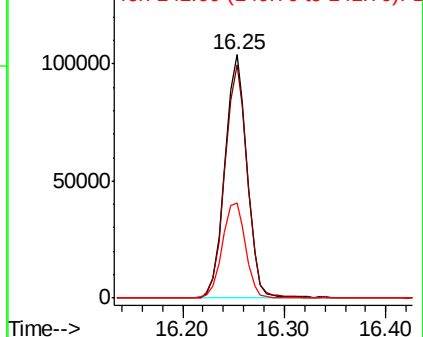
141 41.3 35.6 53.4



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

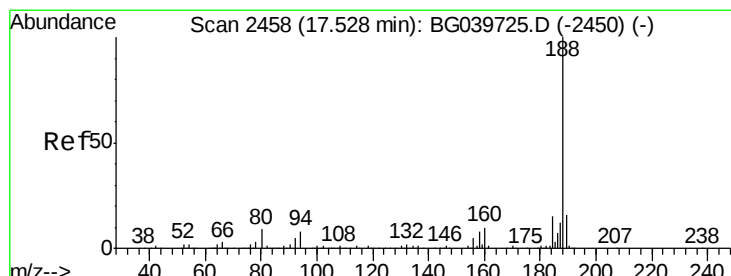
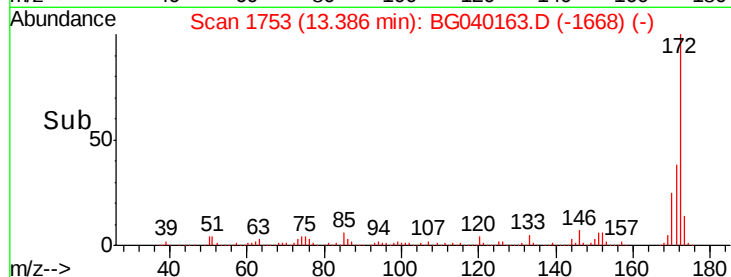
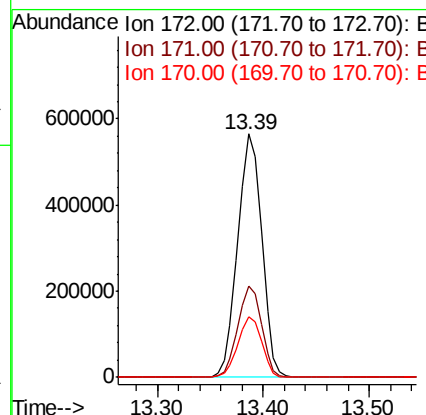
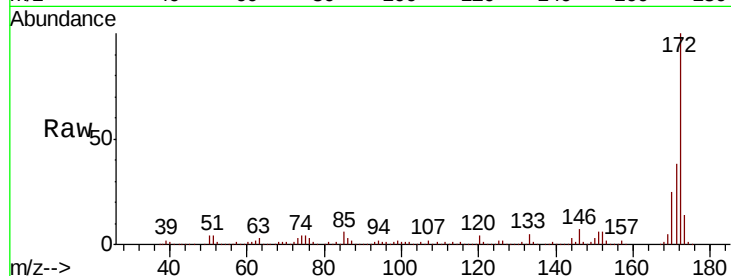




#45
 2-Fluorobiphenyl
 Concen: 95.708 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040163.D
 Acq: 27 Mar 2019 1:40

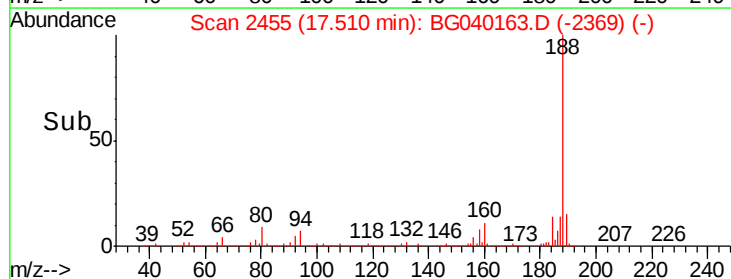
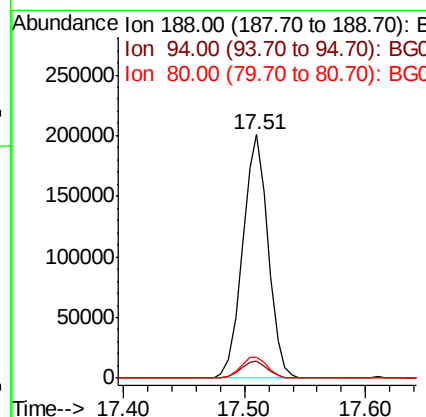
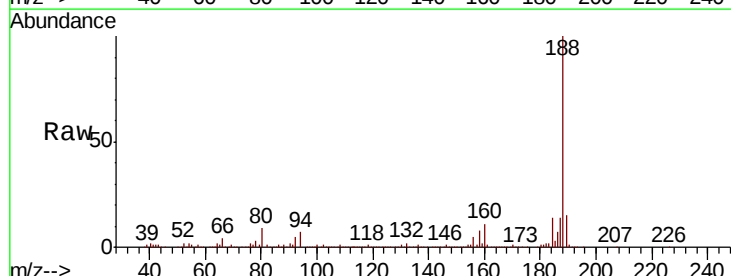
Instrument :
 BNA_G
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 MH-C02-SETTLED-2H-B

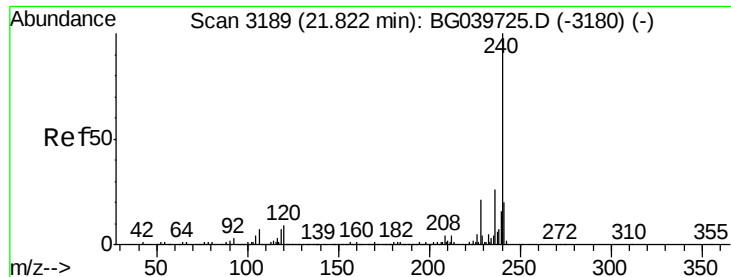
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.9	20.2	30.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040163.D
 Acq: 27 Mar 2019 1:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.6	8.1	12.1

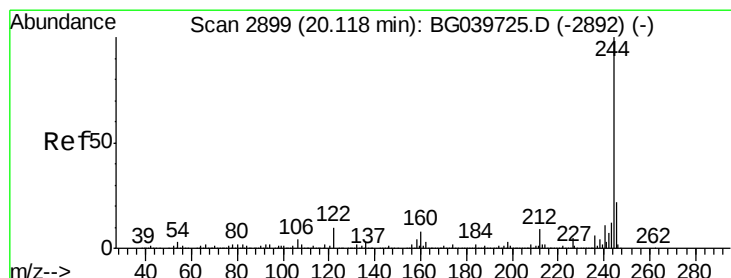
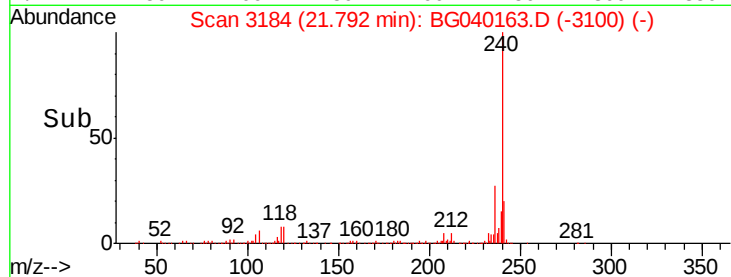
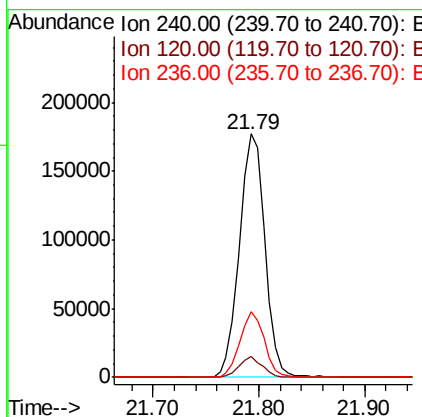
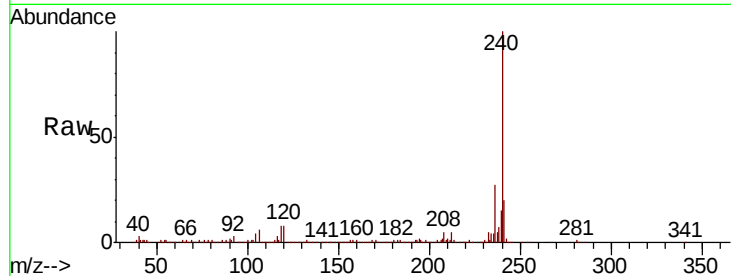




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.04 min
 Lab File: BG040163.D
 Acq: 27 Mar 2019 1:40

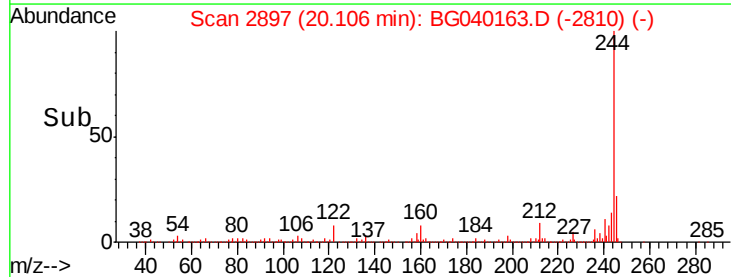
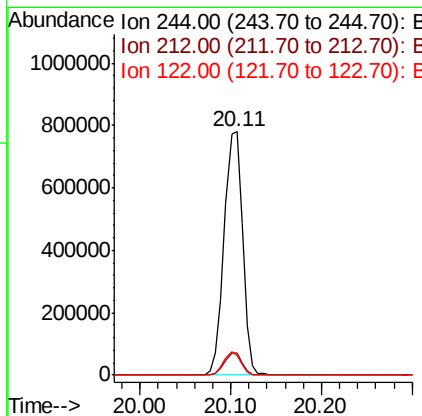
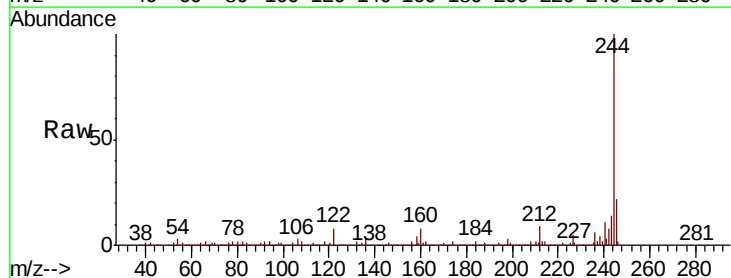
Instrument :
 BNA_G
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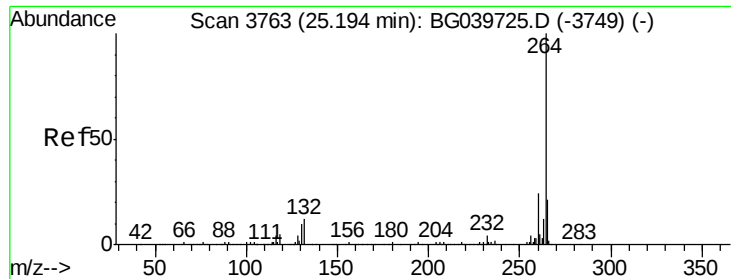
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.7	21.0	31.4



#79
 Terphenyl-d14
 Concen: 82.181 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040163.D
 Acq: 27 Mar 2019 1:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	8.2	8.4	12.6#

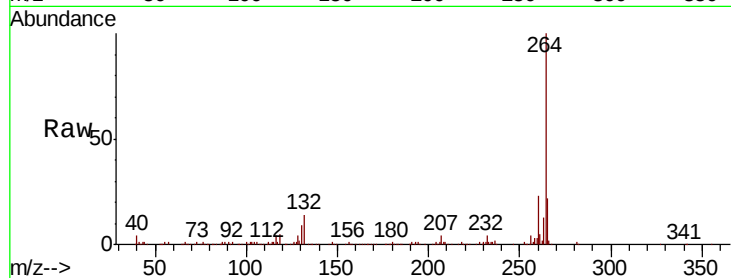




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040163.D
Acq: 27 Mar 2019 1:40

Instrument :
BNA_G
ClientSampleId :
MH-C02-SETTLED-2H-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.1	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

