

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040056.D
 Acq On : 21 Mar 2019 5:47
 Operator : JU/SJ
 Sample : K1688-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-A

Quant Time: Mar 21 11:48:54 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	41705	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	181093	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	124651	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	306898	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	301772	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297056	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	338600	138.51	ng	-0.02
7) Phenol-d6	7.29	99	445030	122.09	ng	-0.02
23) Nitrobenzene-d5	9.32	82	347570	103.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	224238	154.34	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	828792	94.67	ng	-0.02
79) Terphenyl-d14	20.11	244	1330760	97.10	ng	-0.02

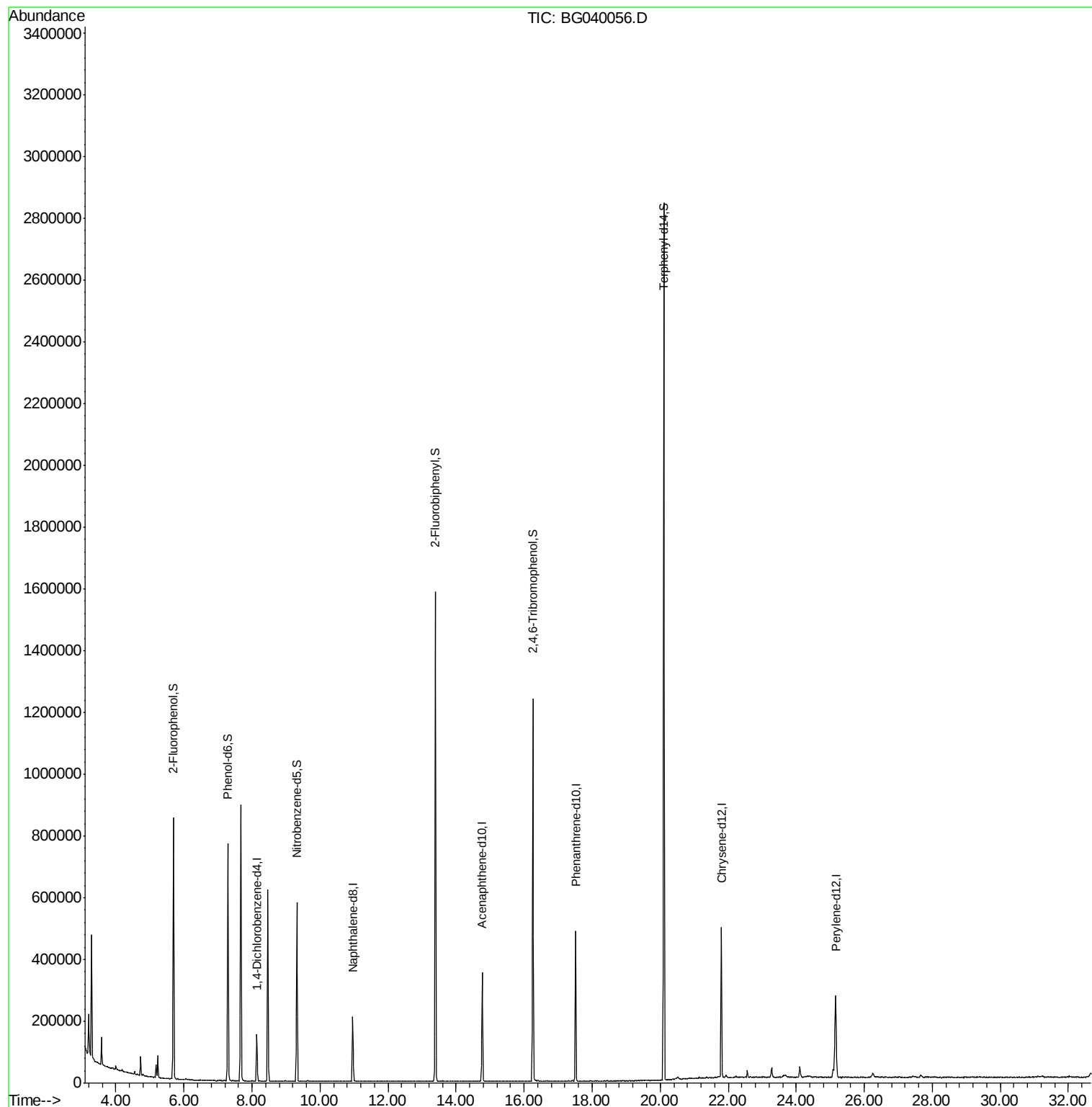
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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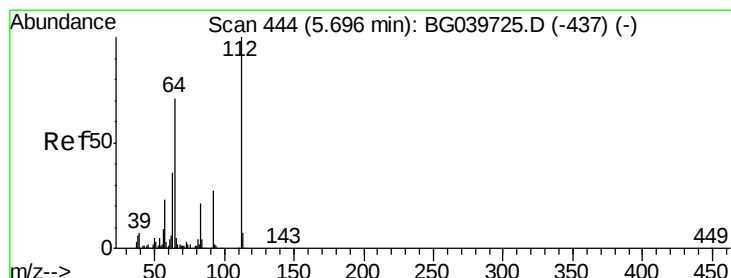
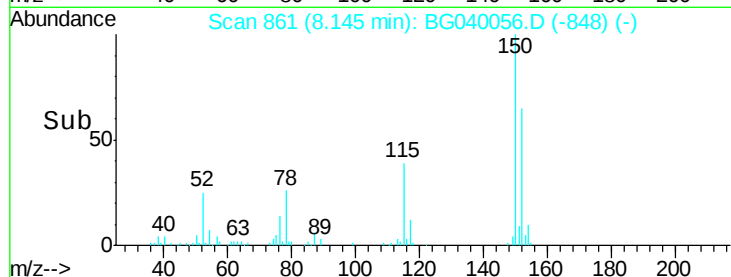
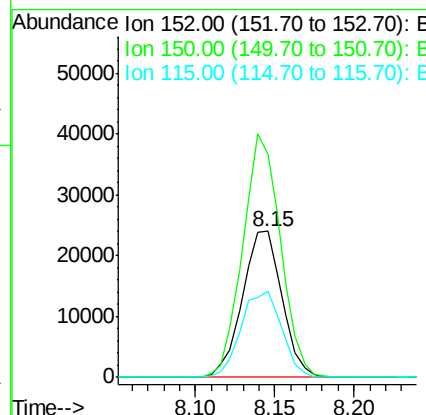
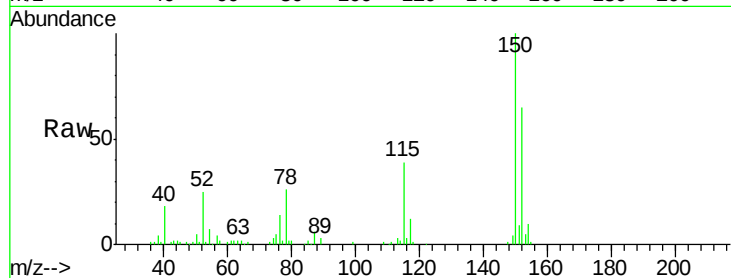




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG040056.D
 Acq: 21 Mar 2019 5:47

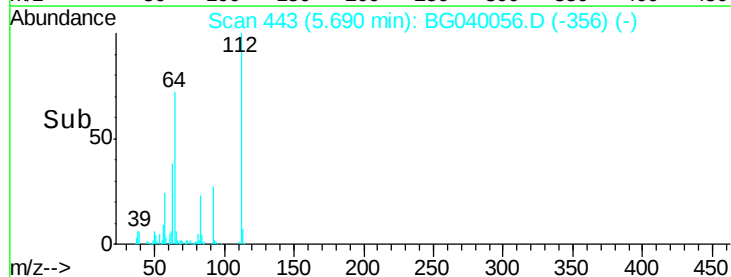
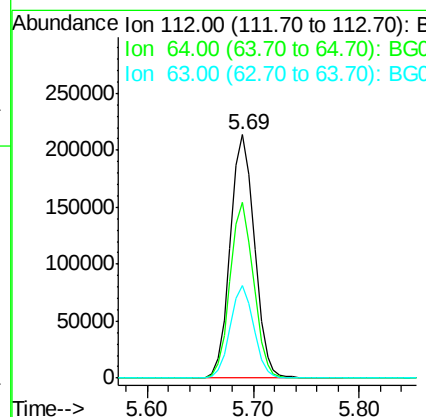
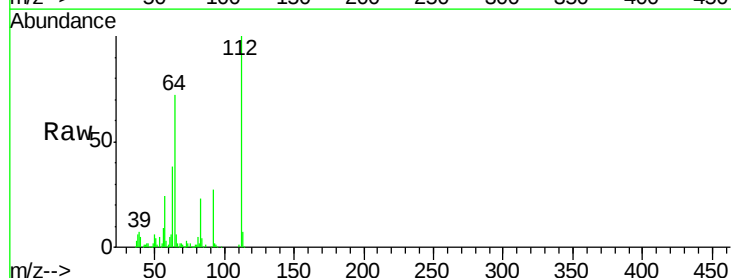
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-A

Tgt Ion:152 Resp: 41705
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.7 185.5
 115 59.3 45.9 68.9



#5
 2-Fluorophenol
 Concen: 138.510 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040056.D
 Acq: 21 Mar 2019 5:47

Tgt Ion:112 Resp: 338600
 Ion Ratio Lower Upper
 112 100
 64 72.1 57.8 86.8
 63 37.8 29.8 44.6





#7

Phenol-d6

Concen: 122.092 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040056.D

Acq: 21 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-A

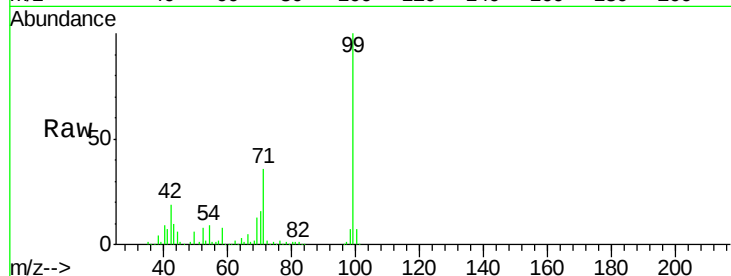
Tgt Ion: 99 Resp: 445030

Ion Ratio Lower Upper

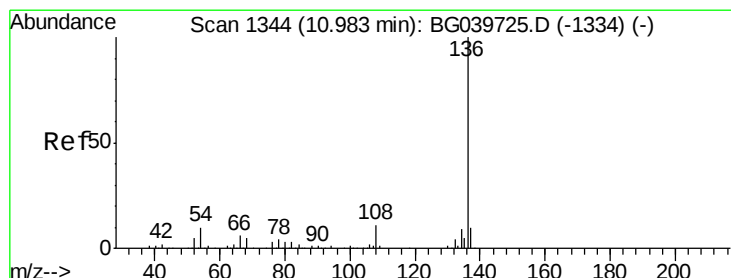
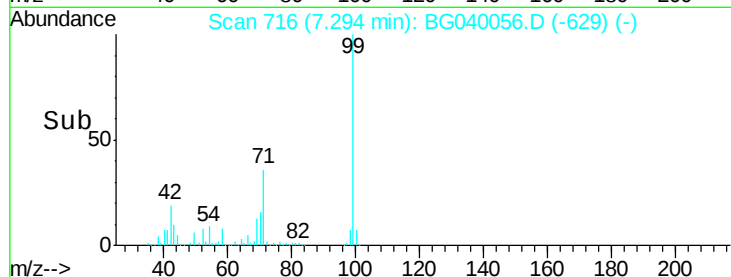
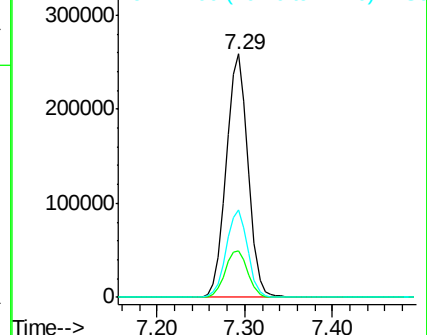
99 100

42 19.2 18.2 27.2

71 36.0 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: BG040056.D

Acq: 21 Mar 2019 5:47

Tgt Ion: 136 Resp: 181093

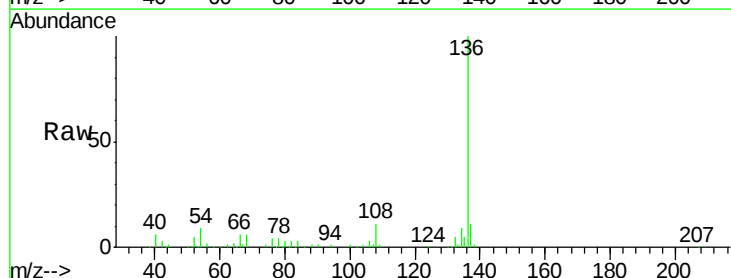
Ion Ratio Lower Upper

136 100

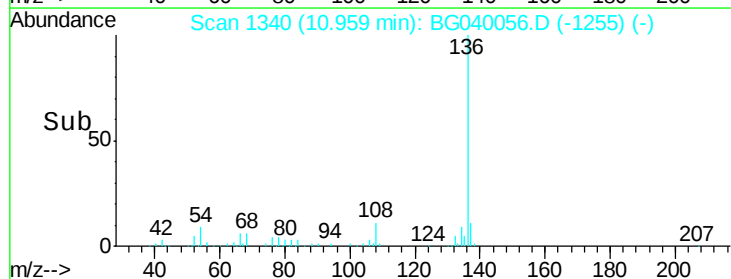
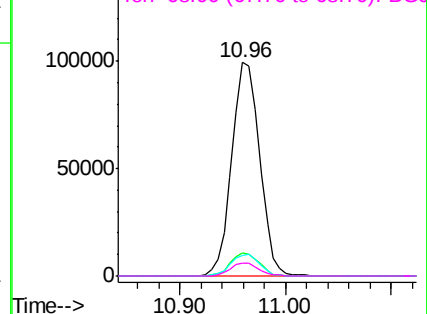
137 11.0 9.1 13.7

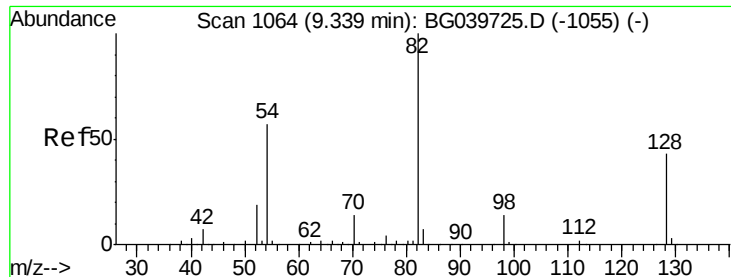
54 9.4 9.4 14.2#

68 6.1 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

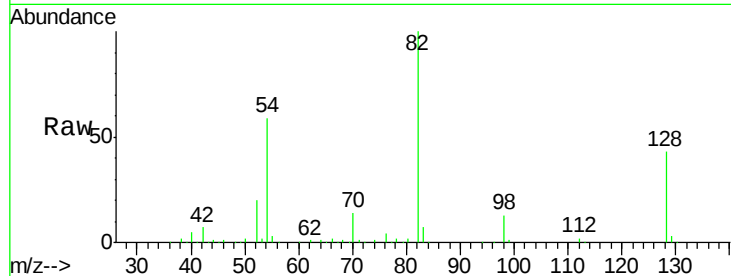




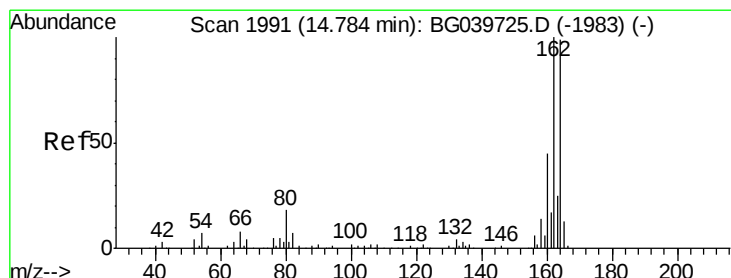
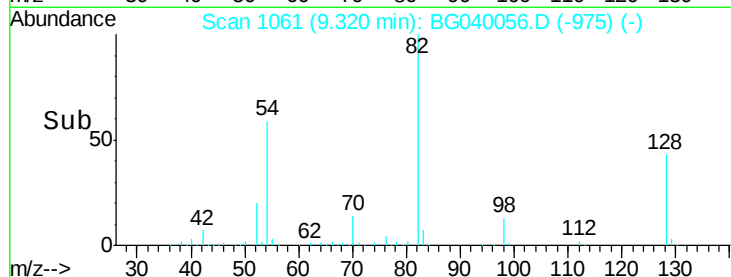
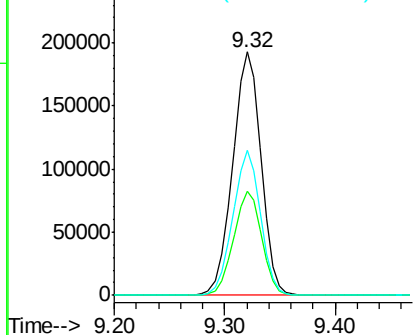
#23
 Nitrobenzene-d5
 Concen: 103.803 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040056.D
 Acq: 21 Mar 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-A

Tgt Ion: 82 Resp: 347570
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.3 46.9
 54 59.4 50.9 76.3

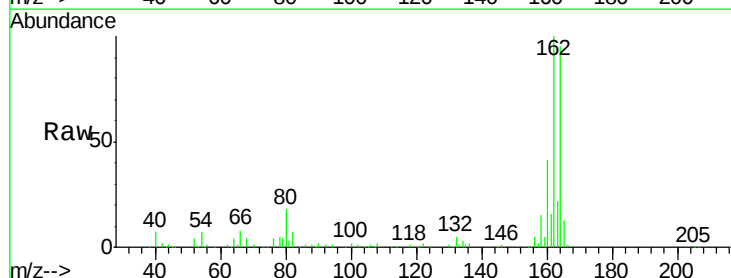


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

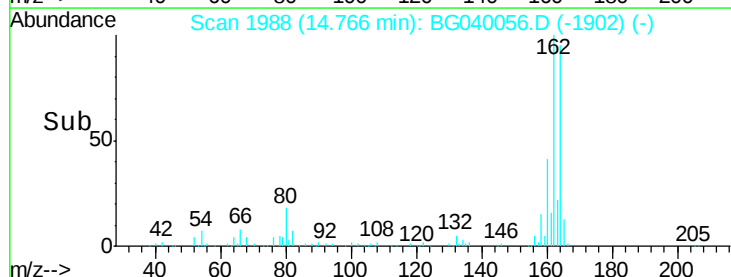
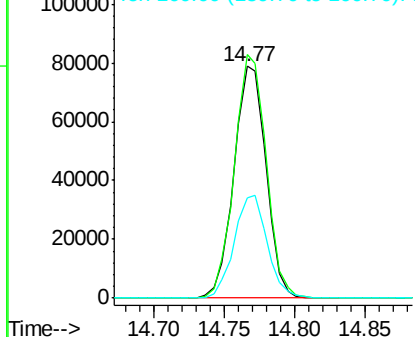


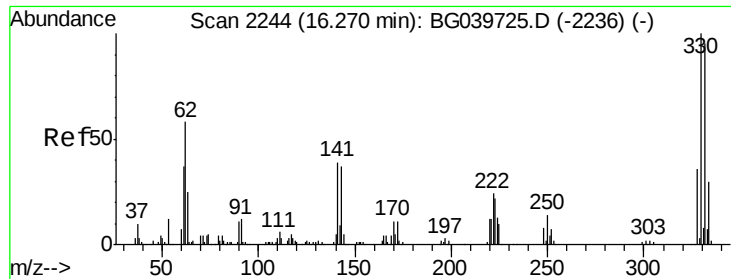
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040056.D
 Acq: 21 Mar 2019 5:47

Tgt Ion: 164 Resp: 124651
 Ion Ratio Lower Upper
 164 100
 162 105.1 81.6 122.4
 160 43.4 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

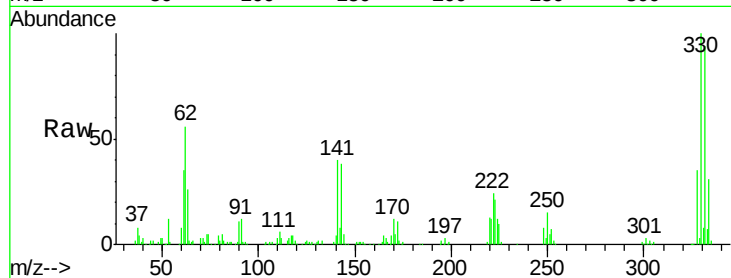




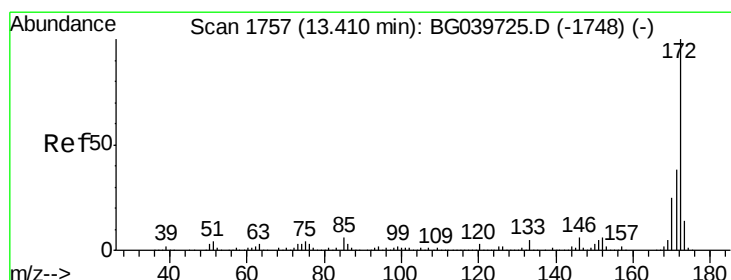
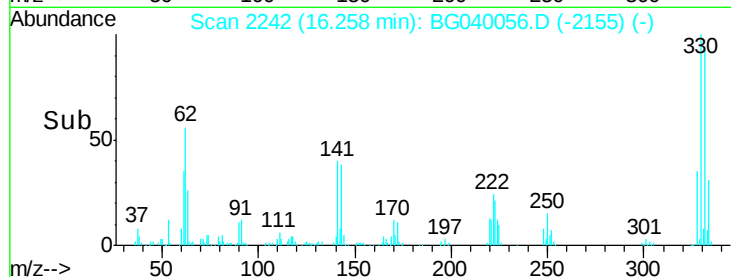
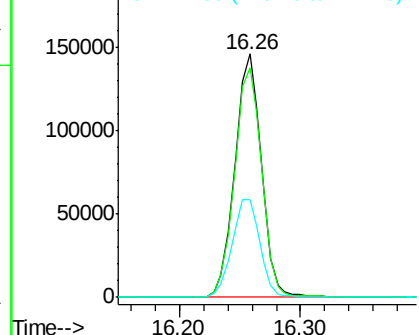
#42
 2,4,6-Tribromophenol
 Concen: 154.338 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040056.D
 Acq: 21 Mar 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	42.2	35.6	53.4

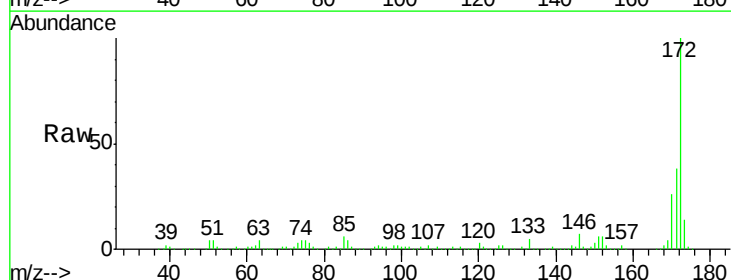


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

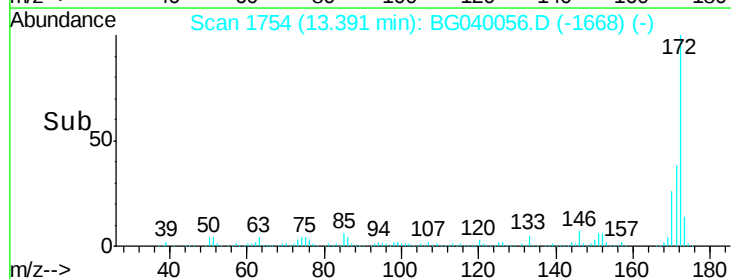
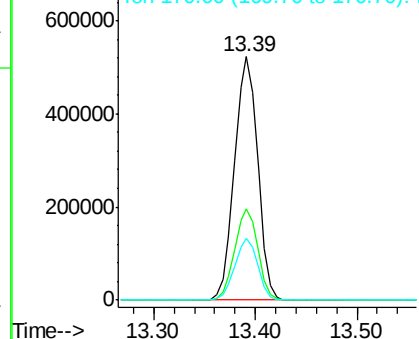


#45
 2-Fluorobiphenyl
 Concen: 94.669 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040056.D
 Acq: 21 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.5	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

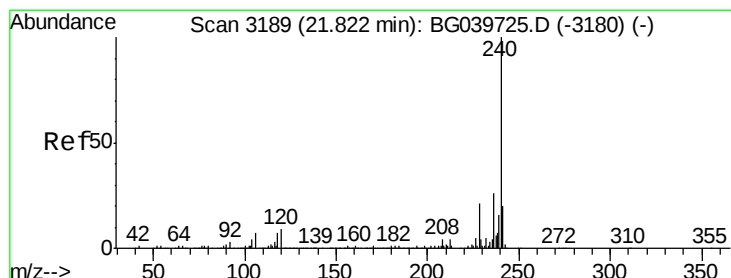
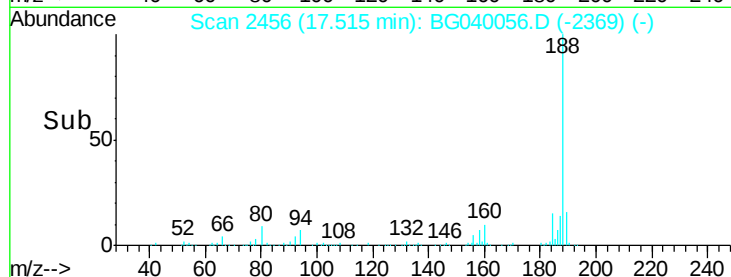
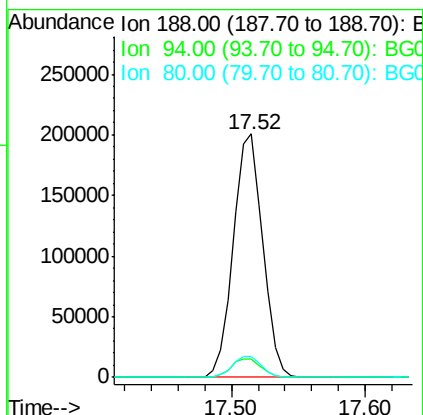
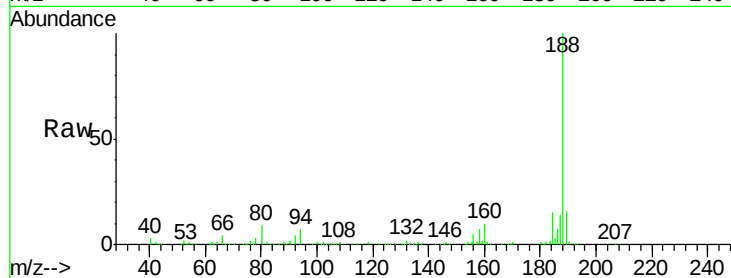




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

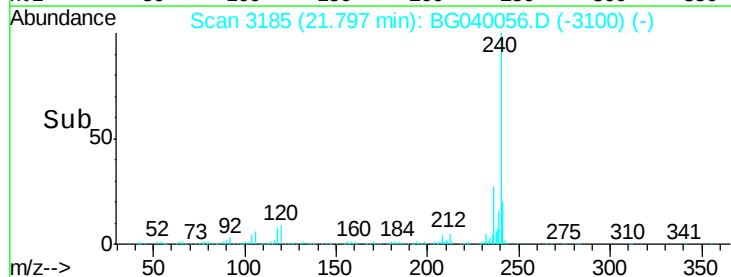
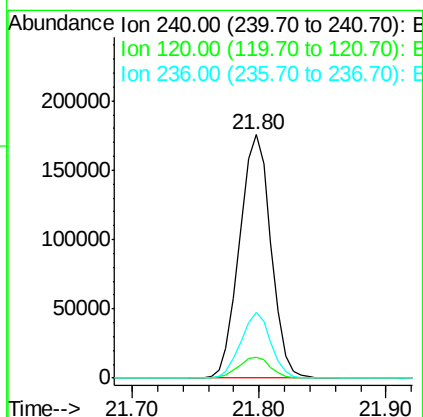
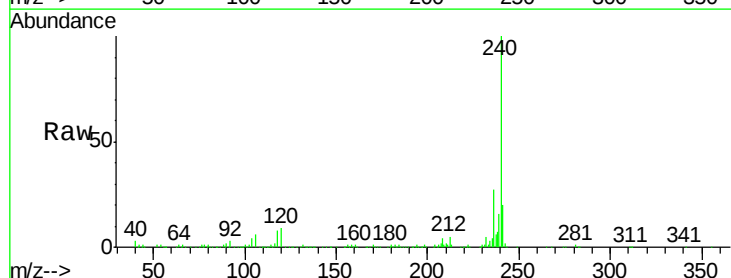
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BNA_G
ClientSampleId :
JC-02-031919-A

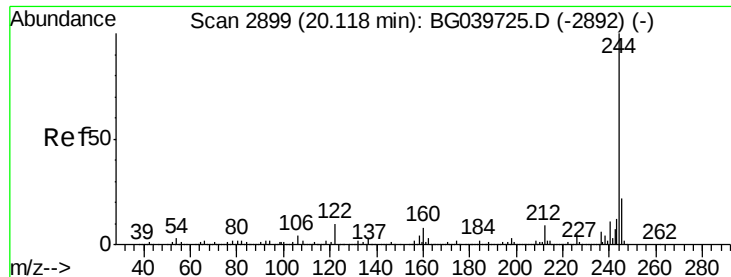
Tgt Ion:188 Resp: 306898
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:240 Resp: 301772
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 27.2 21.0 31.4





#79

Terphenyl-d14

Concen: 97.096 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040056.D

Acq: 21 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-A

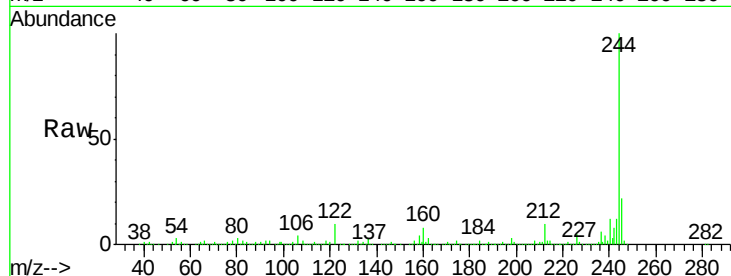
Tgt Ion:244 Resp: 1330760

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

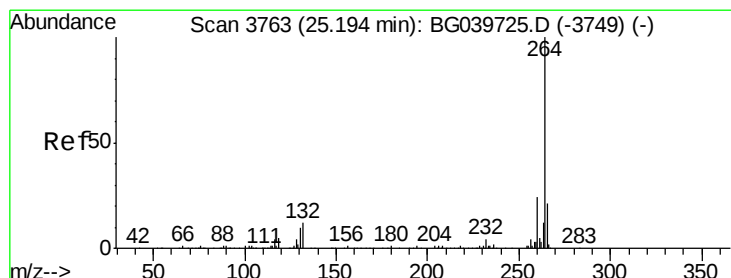
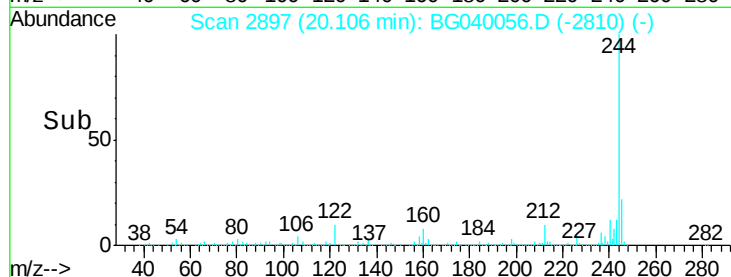
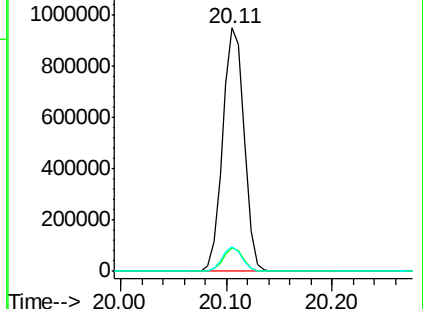
122 10.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040056.D

Acq: 21 Mar 2019 5:47

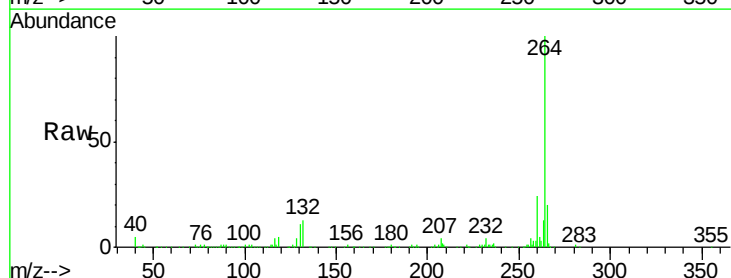
Tgt Ion:264 Resp: 297056

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 19.8 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

