

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040109.D
 Acq On : 23 Mar 2019 9:32
 Operator : JU/SJ
 Sample : K2035-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031919-LIFT-F-U-M

Quant Time: Mar 23 22:40:17 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	45816	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	202083	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	141845	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	341388	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	331515	20.00	ng	-0.03
87) Perylene-d12	25.16	264	334248	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	108551	40.42	ng	-0.02
7) Phenol-d6	7.28	99	100386	25.07	ng	-0.03
23) Nitrobenzene-d5	9.32	82	322169	86.22	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	142251	86.04	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	817978	82.11	ng	-0.03
79) Terphenyl-d14	20.11	244	1111102	73.80	ng	-0.02

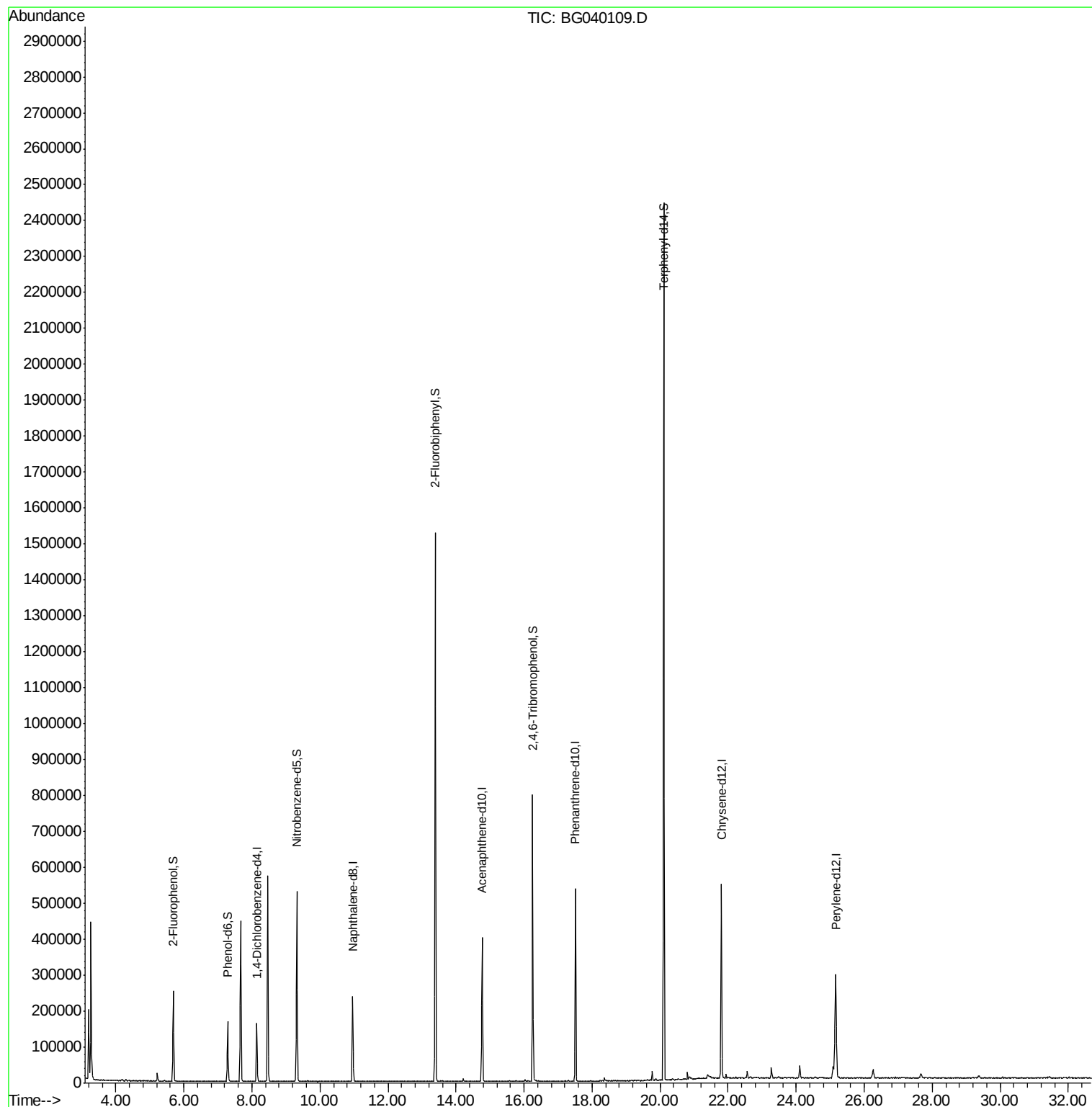
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040109.D
Acq On : 23 Mar 2019 9:32
Operator : JU/SJ
Sample : K2035-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-U-M

Quant Time: Mar 23 22:40:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040109.D

Acq: 23 Mar 2019 9:32

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-M

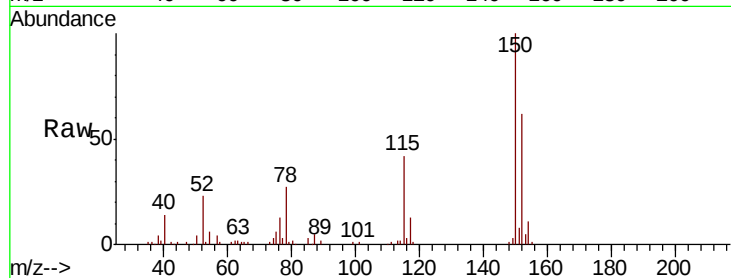
Tot Ion:152 Resp: 45816

Ion Ratio Lower Upper

152 100

150 161.0 123.7 185.5

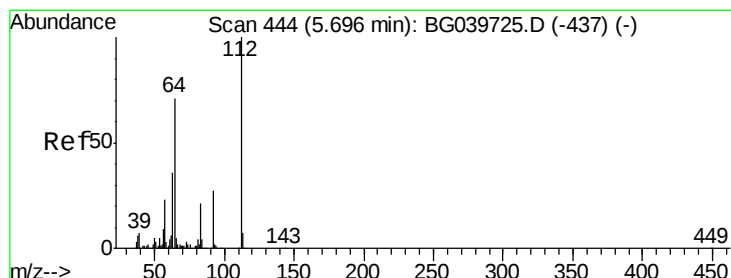
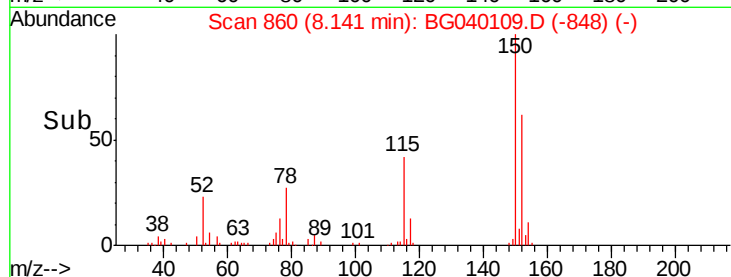
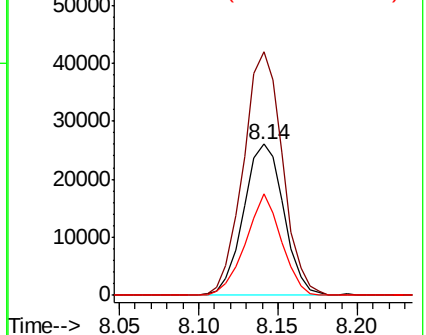
115 67.4 45.9 68.9



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: 40.420 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040109.D

Acq: 23 Mar 2019 9:32

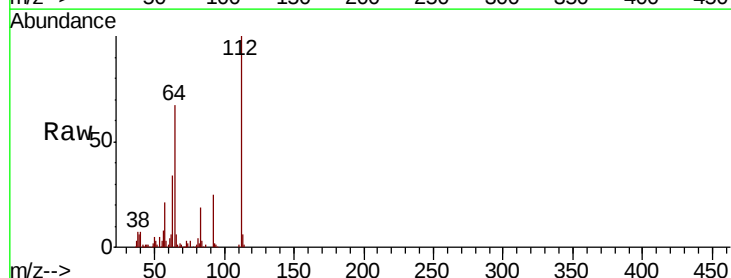
Tgt Ion:112 Resp: 108551

Ion Ratio Lower Upper

112 100

64 67.2 57.8 86.8

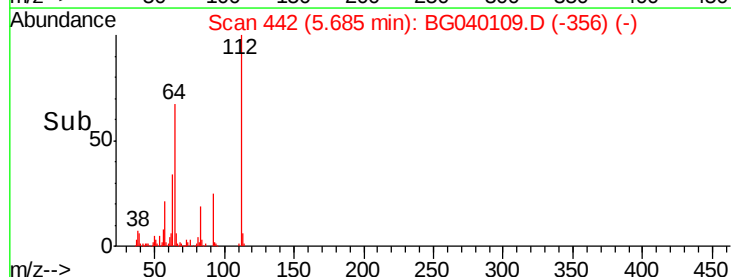
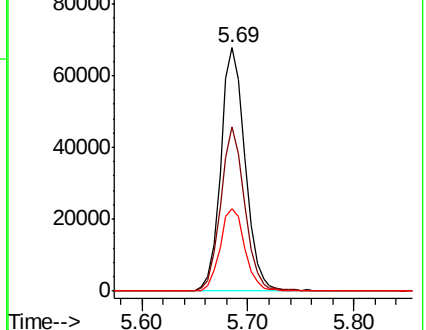
63 34.0 29.8 44.6



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: 25.069 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040109.D

Acq: 23 Mar 2019 9:32

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-M

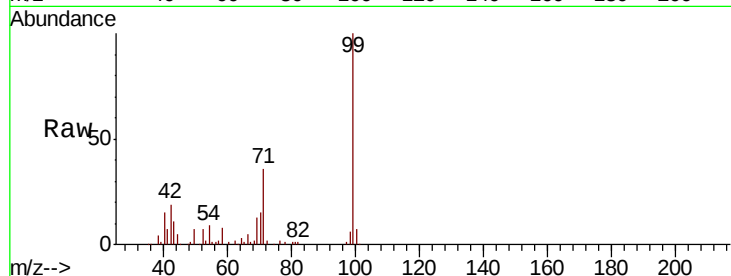
Tot Ion: 99 Resp: 100386

Ion Ratio Lower Upper

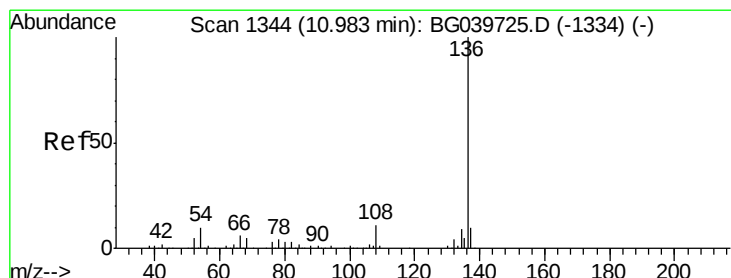
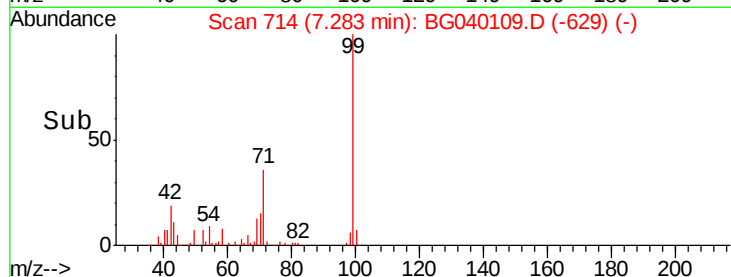
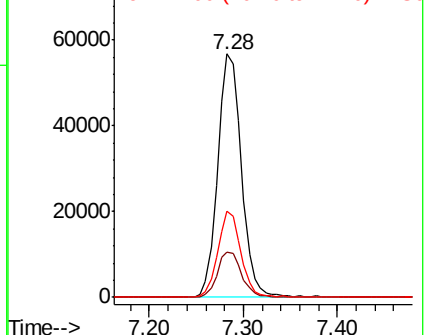
99 100

42 18.7 18.2 27.2

71 35.6 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: BG040109.D

Acq: 23 Mar 2019 9:32

Tgt Ion: 136 Resp: 202083

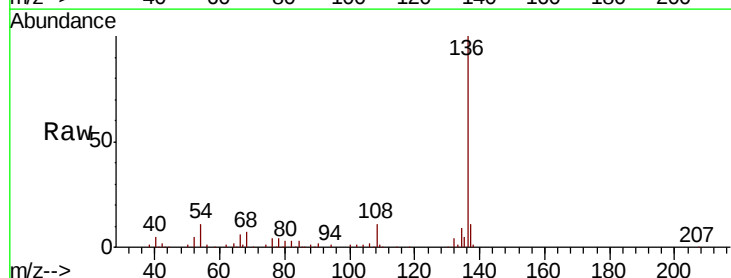
Ion Ratio Lower Upper

136 100

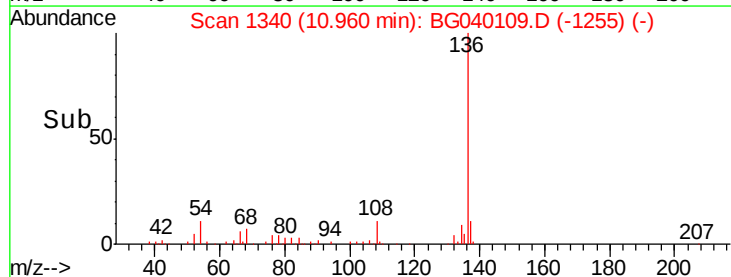
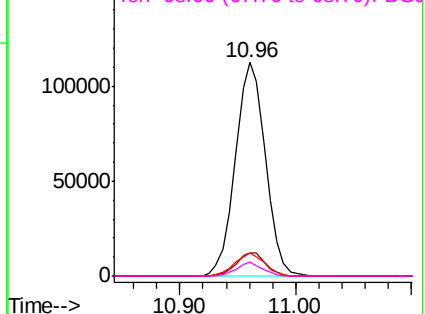
137 10.9 9.1 13.7

54 10.8 9.4 14.2

68 6.7 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

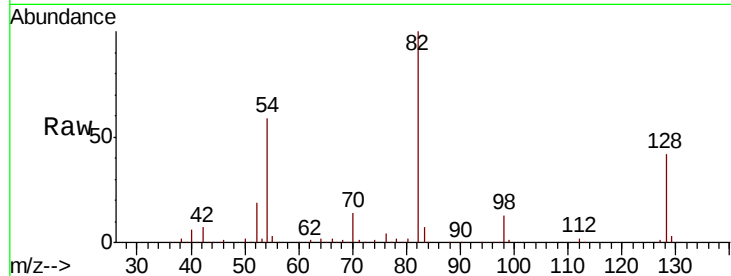




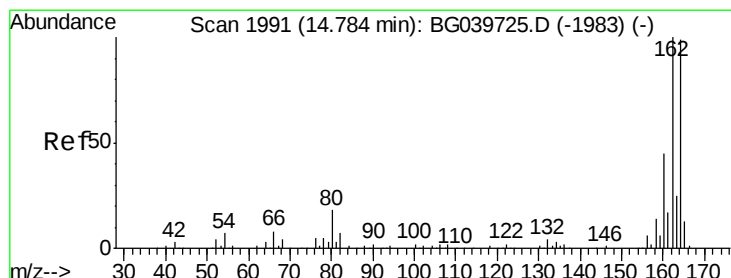
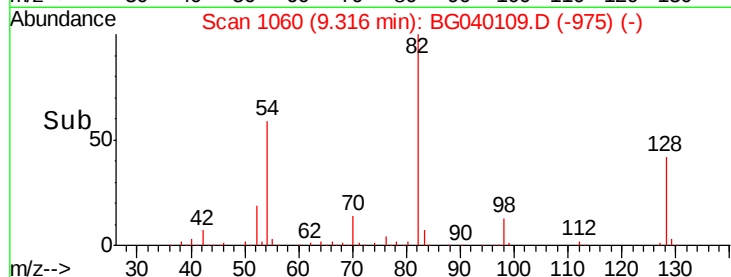
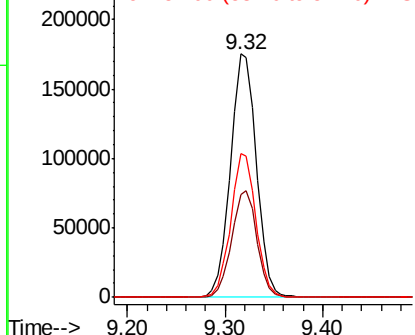
#23
Nitrobenzene-d5
Concen: 86.223 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040109.D
Acq: 23 Mar 2019 9:32

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-U-M

Tot Ion	82	Resp	322169
Ion Ratio	Lower	Upper	
82	100		
128	42.5	31.3	46.9
54	58.8	50.9	76.3

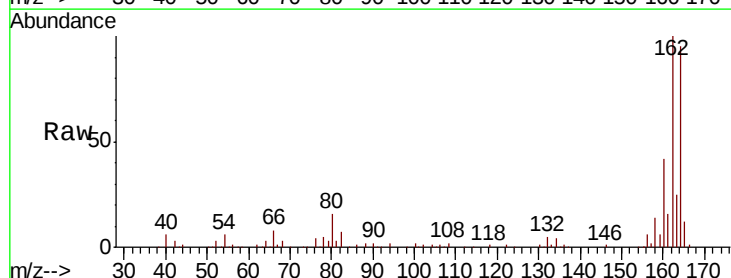


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

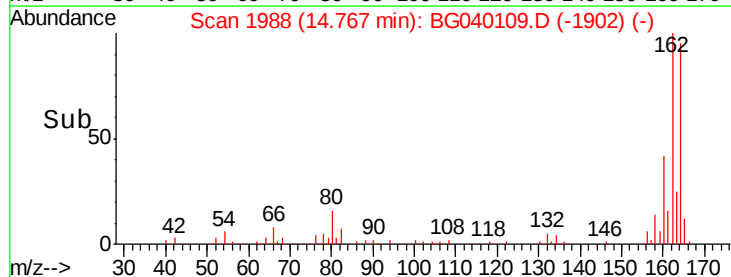
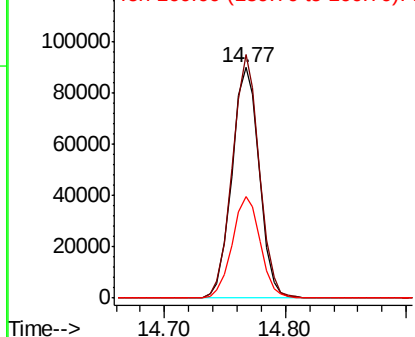


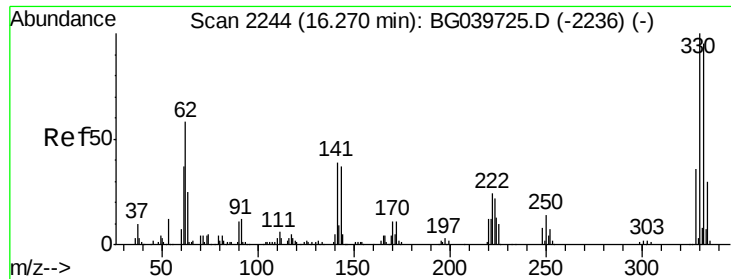
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040109.D
Acq: 23 Mar 2019 9:32

Tgt Ion	164	Resp	141845
Ion Ratio	Lower	Upper	
164	100		
162	105.7	81.6	122.4
160	44.2	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

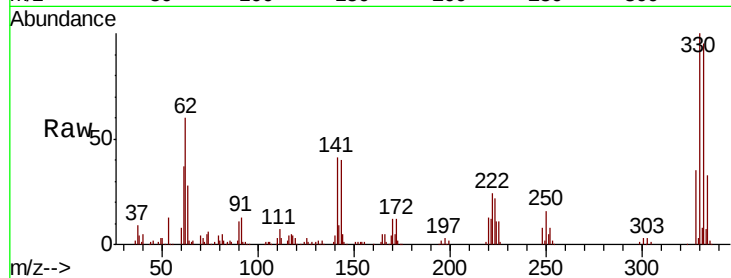




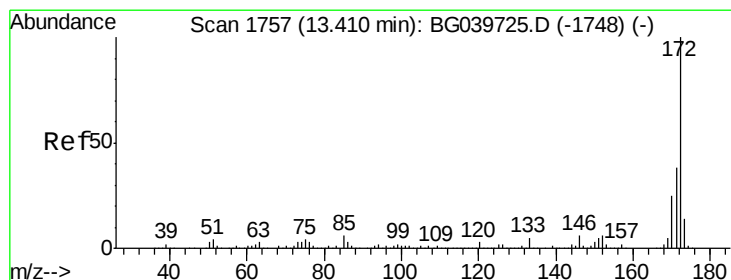
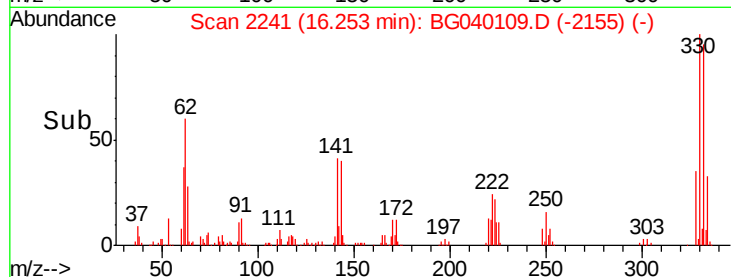
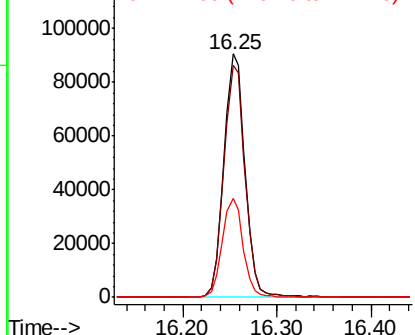
#42
 2,4,6-Tribromophenol
 Concen: 86.040 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040109.D
 Acq: 23 Mar 2019 9:32

Instrument :
 BNA_G
 ClientSampleId :
 031919-LIFT-F-U-M

Tot Ion:330 Resp: 142251
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 40.2 35.6 53.4

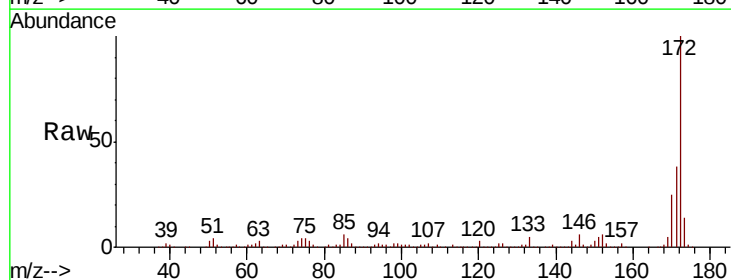


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

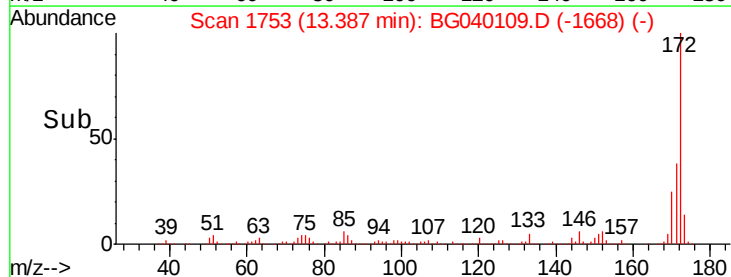
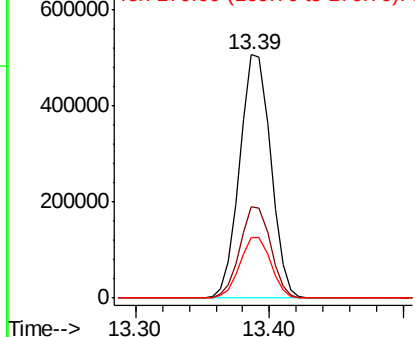


#45
 2-Fluorobiphenyl
 Concen: 82.108 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040109.D
 Acq: 23 Mar 2019 9:32

Tgt Ion:172 Resp: 817978
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 24.6 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

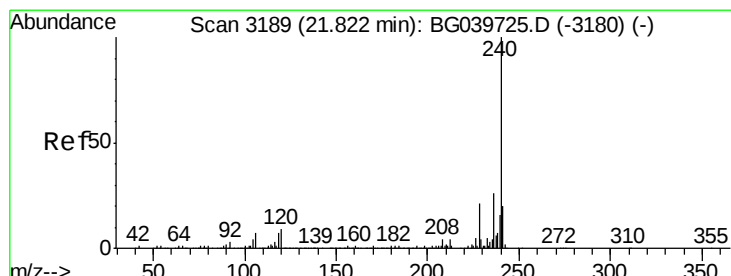
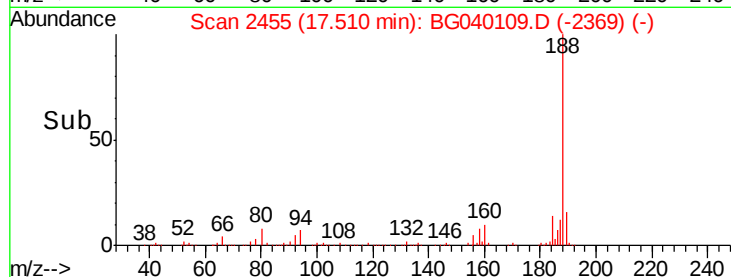
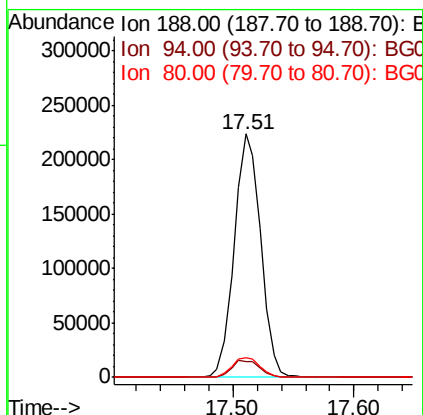
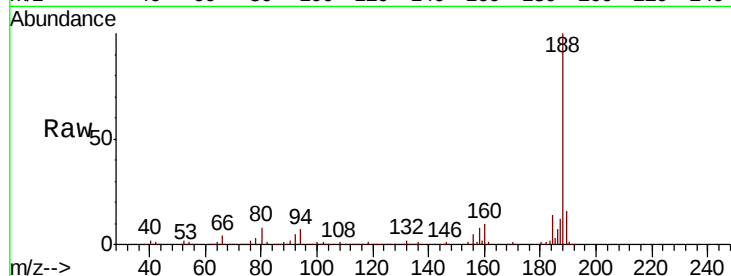




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040109.D
Acq: 23 Mar 2019 9:32

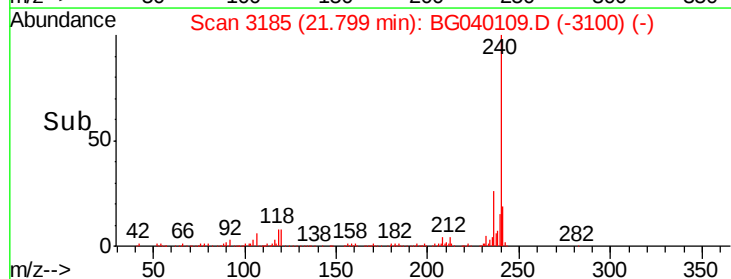
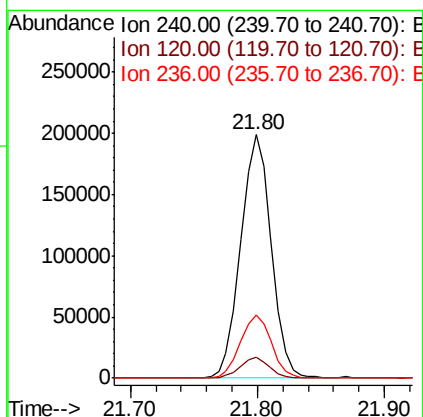
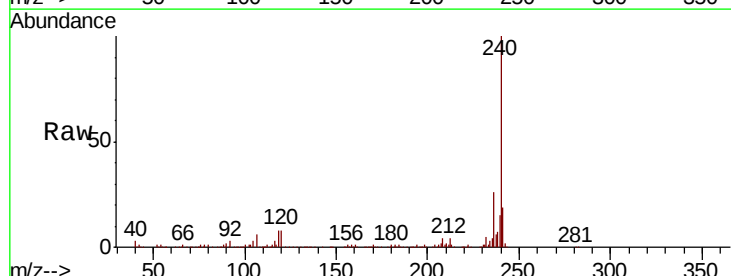
Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-U-M

Tot Ion:188 Resp: 341388
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 8.3 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: BG040109.D
Acq: 23 Mar 2019 9:32

Tgt Ion:240 Resp: 331515
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 73.795 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040109.D

Acq: 23 Mar 2019 9:32

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-M

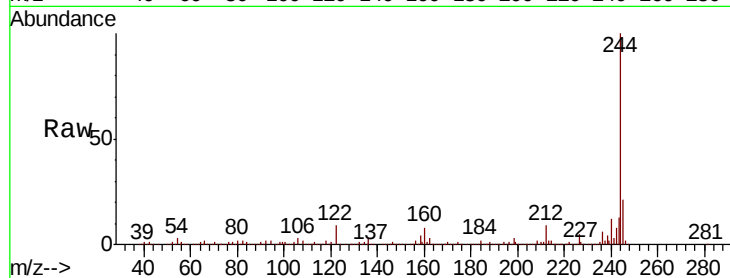
Tot Ion:244 Resp: 1111102

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

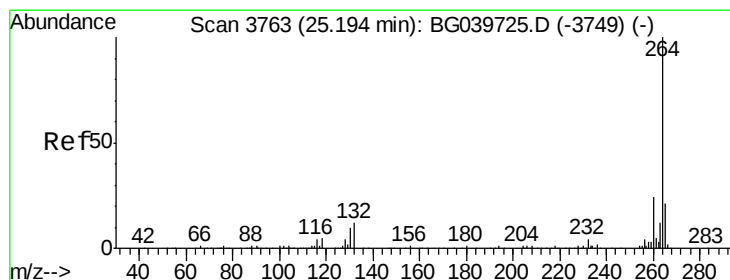
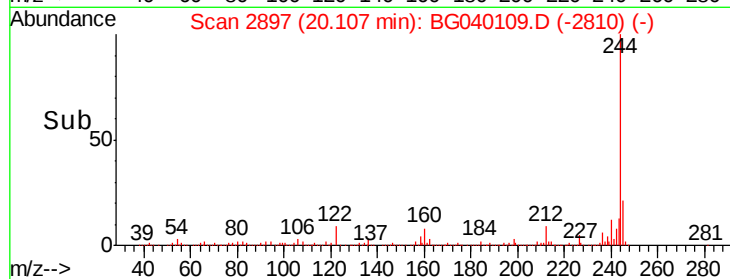
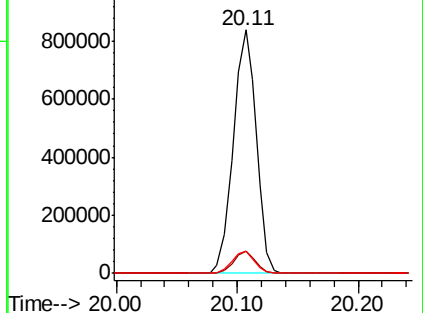
122 9.1 8.4 12.6



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# 3758

Delta R.T. -0.04 min

Lab File: BG040109.D

Acq: 23 Mar 2019 9:32

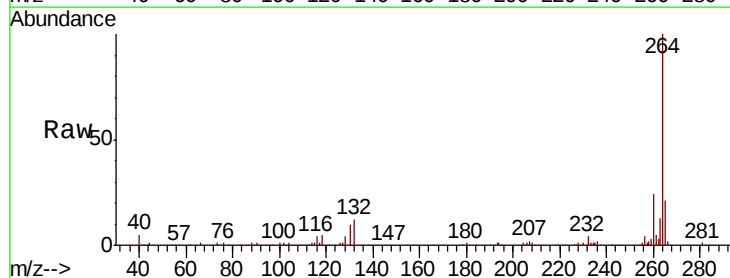
Tgt Ion:264 Resp: 334248

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.3 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

