

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040110.D
 Acq On : 23 Mar 2019 10:12
 Operator : JU/SJ
 Sample : K2035-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Mar 23 22:40:46 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	41586	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	179967	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	129685	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	309115	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	303133	20.00	ng	-0.03
87) Perylene-d12	25.16	264	303983	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	101175	41.51	ng	-0.02
7) Phenol-d6	7.29	99	93182	25.64	ng	-0.02
23) Nitrobenzene-d5	9.32	82	291018	87.46	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	132794	87.85	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	752317	82.60	ng	-0.03
79) Terphenyl-d14	20.11	244	1019586	74.06	ng	-0.02

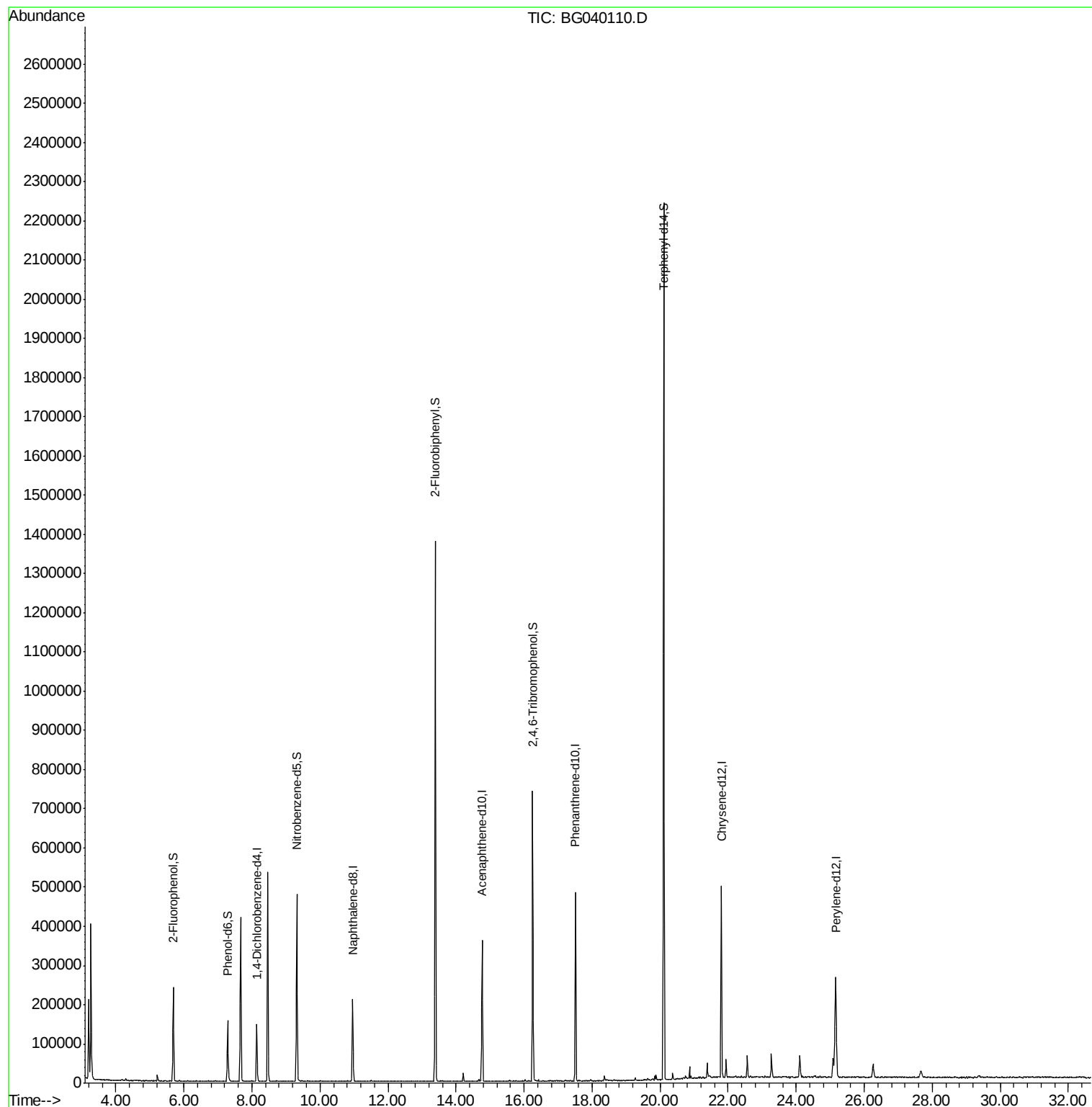
Target Compounds Qvalue

(#) = 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: BG040110.D

Acq: 23 Mar 2019 10:12

Instrument :

BNA_G

ClientSampleId :

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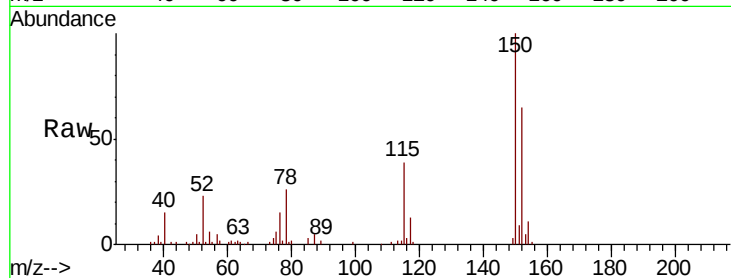
Tot Ion:152 Resp: 41586

Ion Ratio Lower Upper

152 100

150 154.0 123.7 185.5

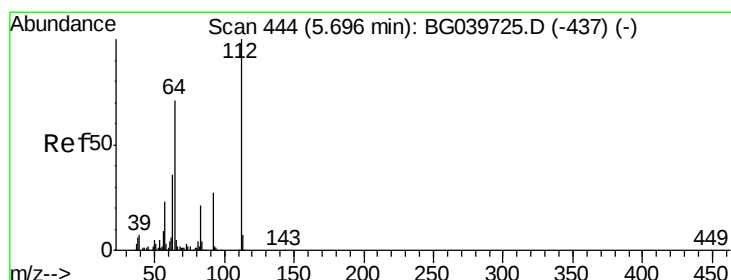
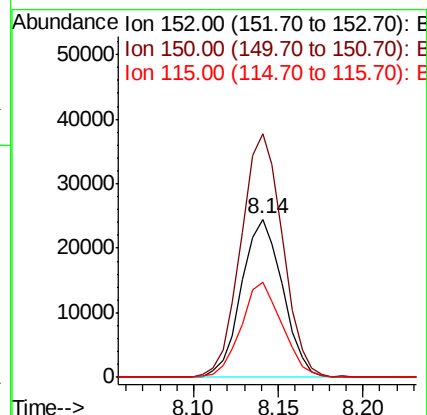
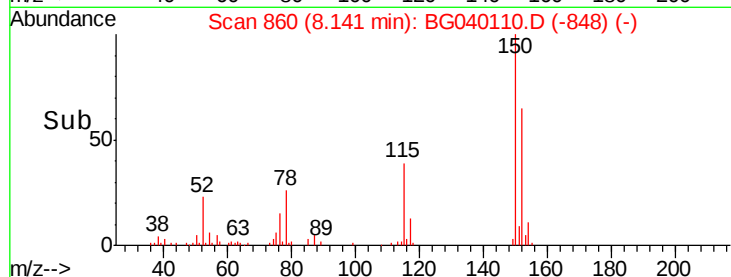
115 60.2 45.9 68.9



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: 41.506 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040110.D

Acq: 23 Mar 2019 10:12

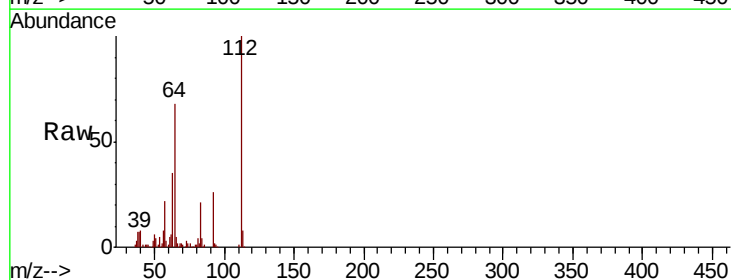
Tgt Ion:112 Resp: 101175

Ion Ratio Lower Upper

112 100

64 67.8 57.8 86.8

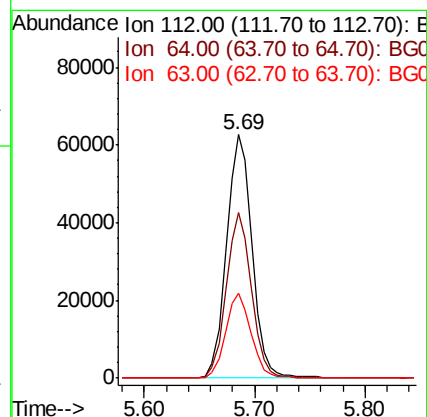
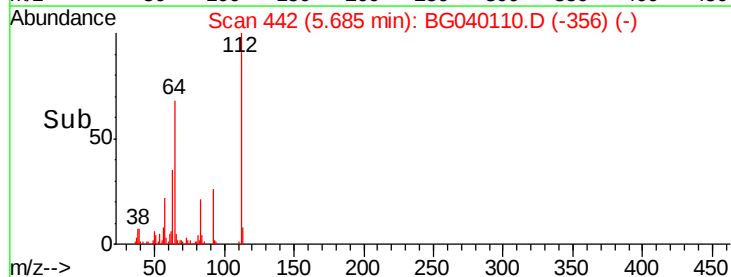
63 35.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.637 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040110.D

Acq: 23 Mar 2019 10:12

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-S

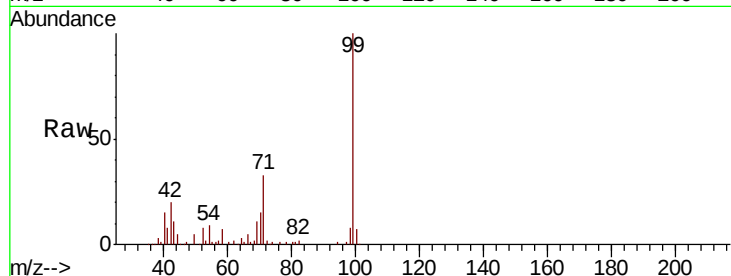
Tot Ion: 99 Resp: 93182

Ion Ratio Lower Upper

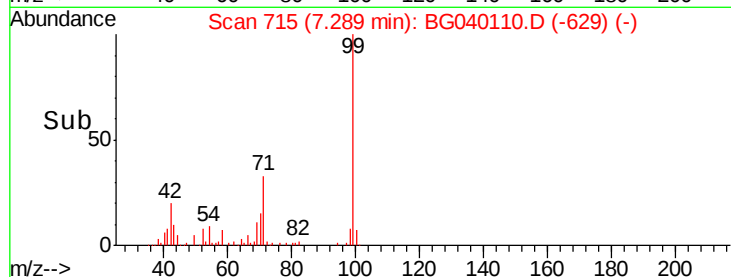
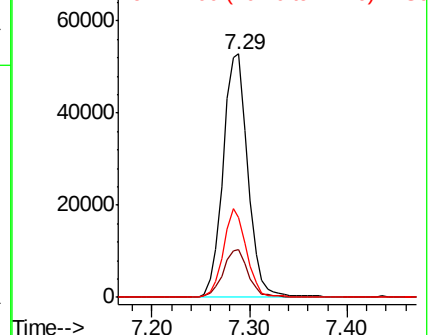
99 100

42 19.6 18.2 27.2

71 32.7 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: BG040110.D

Acq: 23 Mar 2019 10:12

Tgt Ion: 136 Resp: 179967

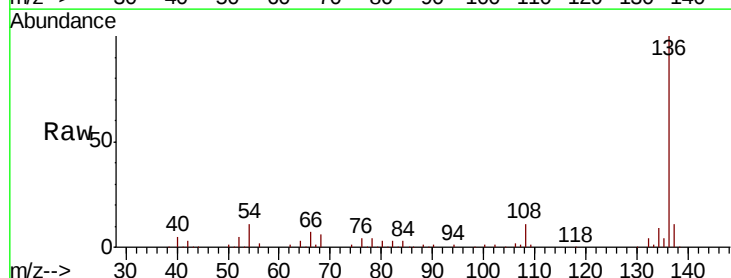
Ion Ratio Lower Upper

136 100

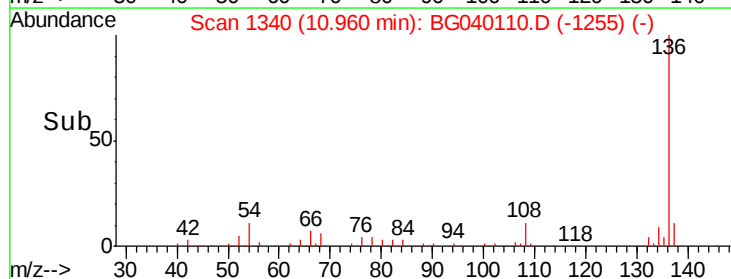
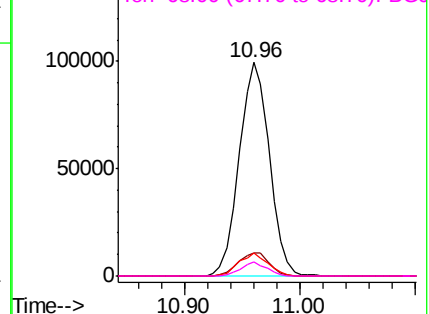
137 10.5 9.1 13.7

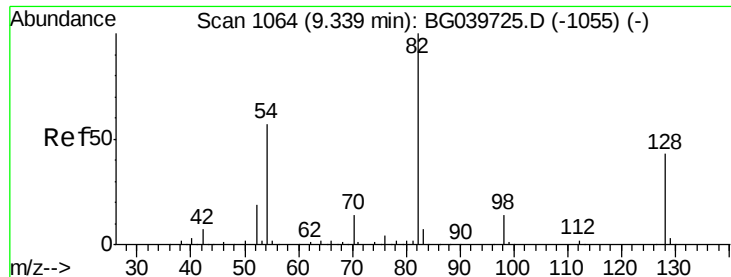
54 11.0 9.4 14.2

68 6.4 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

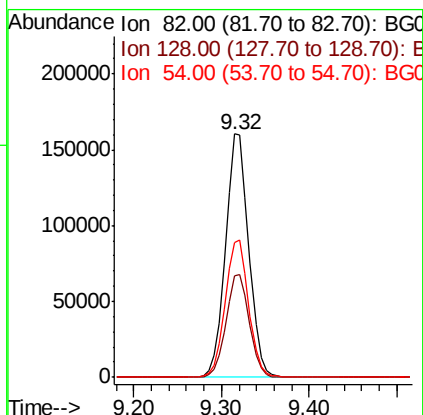
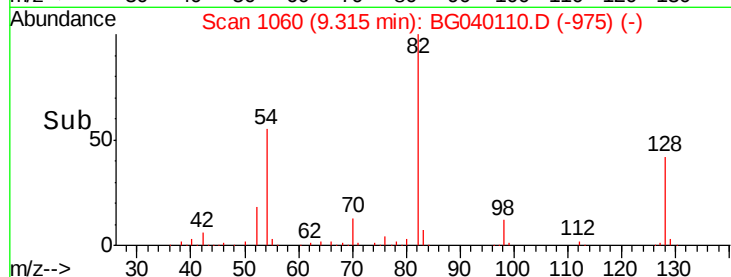
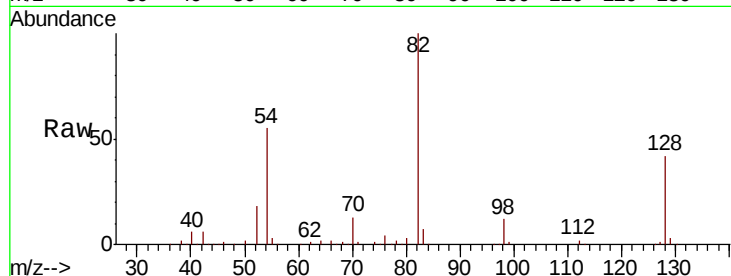




#23
 Nitrobenzene-d5
 Concen: 87.457 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040110.D
 Acq: 23 Mar 2019 10:12

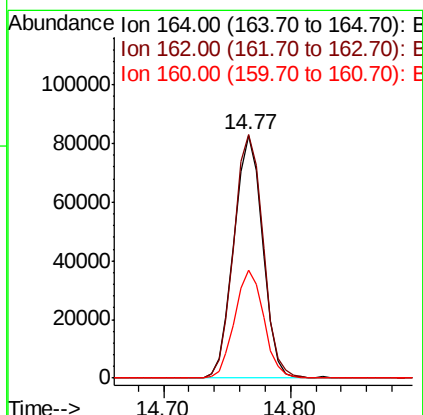
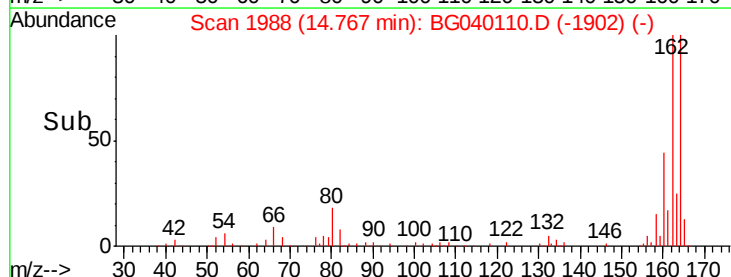
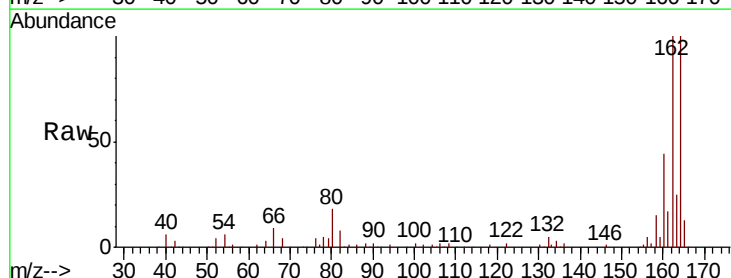
Instrument :
 BNA_G
 ClientSampleId :
 031919-LIFT-F-U-S

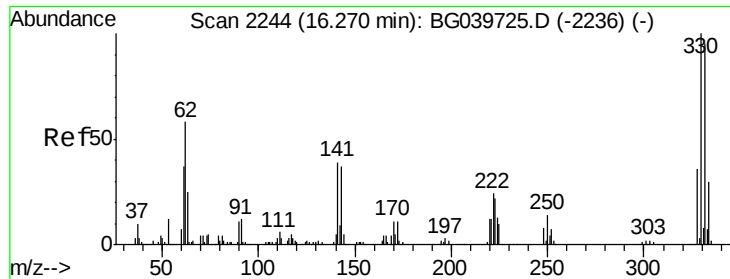
Tot Ion	82	Resp	291018
Ion Ratio	Lower	Upper	
82	100		
128	41.9	31.3	46.9
54	55.2	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040110.D
 Acq: 23 Mar 2019 10:12

Tgt Ion	164	Resp	129685
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.6	122.4
160	44.5	34.2	51.2

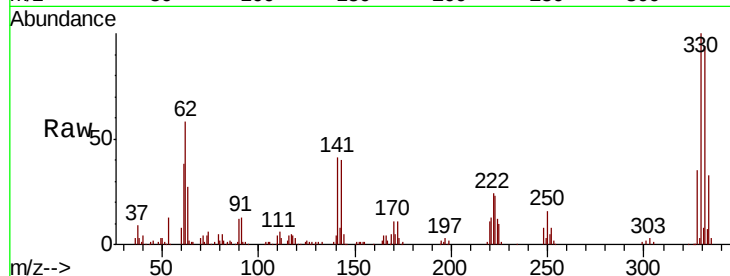




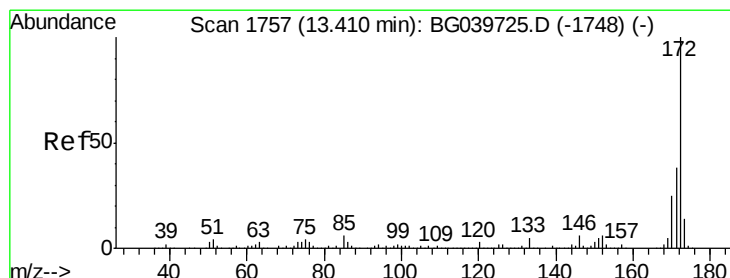
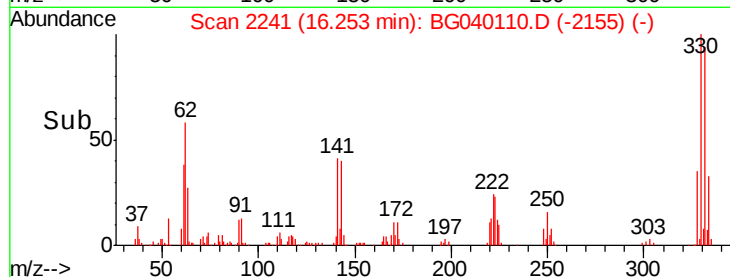
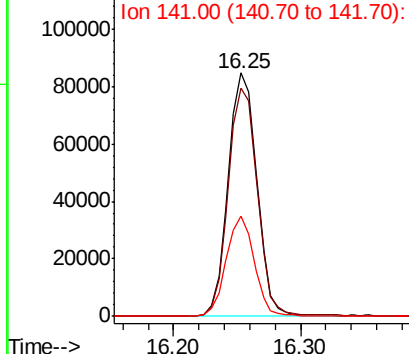
#42
 2,4,6-Tribromophenol
 Concen: 87.851 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040110.D
 Acq: 23 Mar 2019 10:12

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

Tot Ion:330 Resp: 132794
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 40.3 35.6 53.4

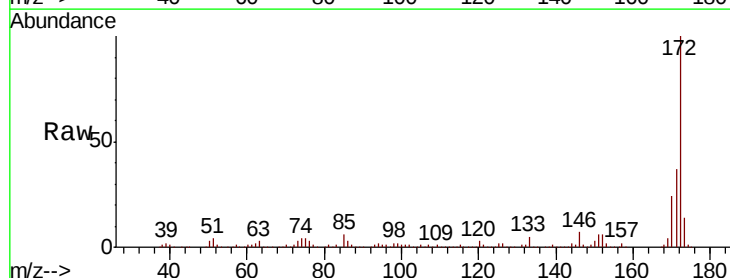


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

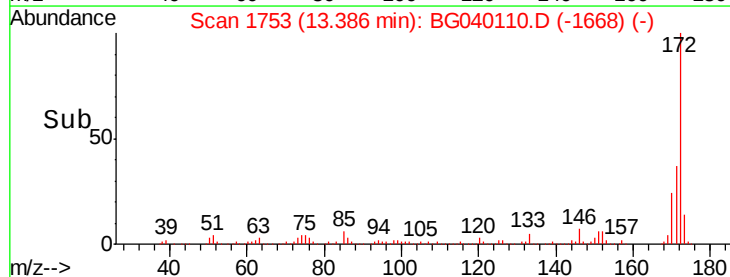
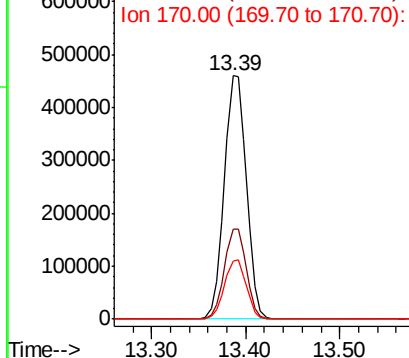


#45
 2-Fluorobiphenyl
 Concen: 82.598 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040110.D
 Acq: 23 Mar 2019 10:12

Tgt Ion:172 Resp: 752317
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.1 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

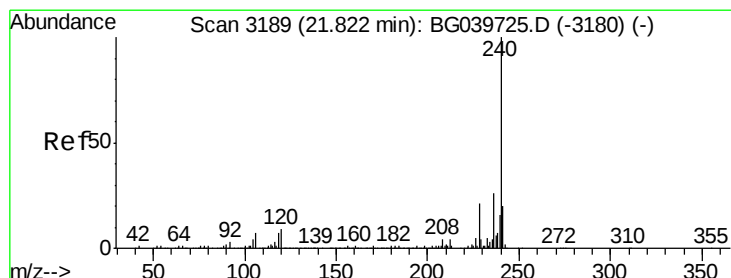
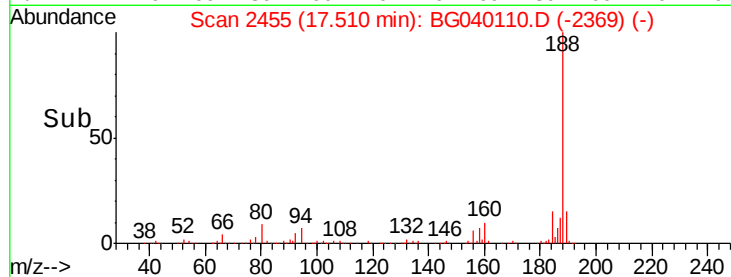
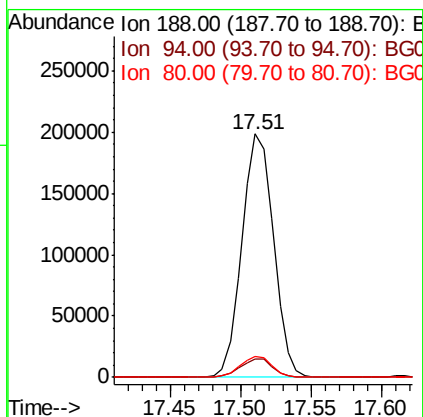
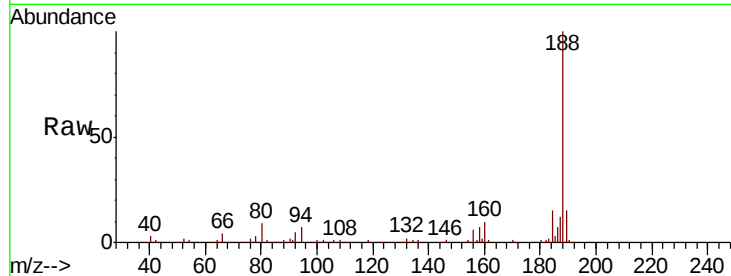




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040110.D
Acq: 23 Mar 2019 10:12

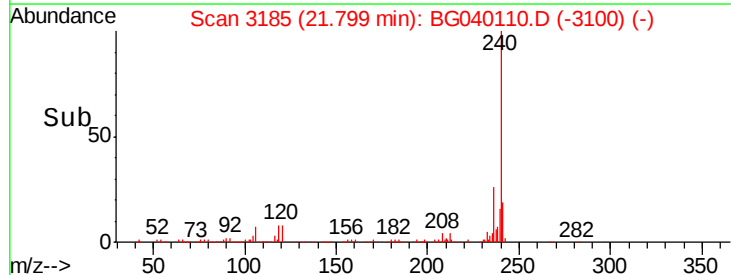
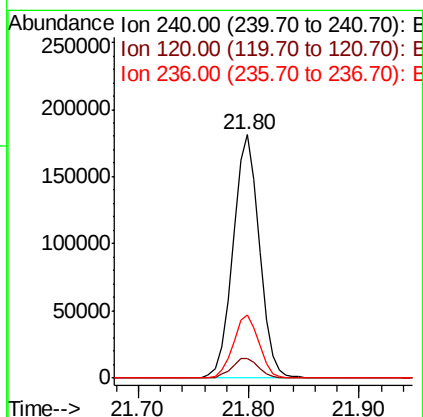
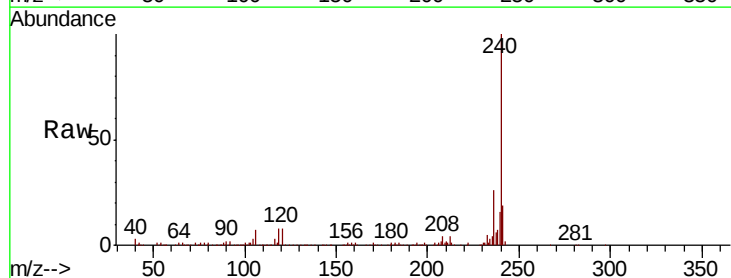
Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-U-S

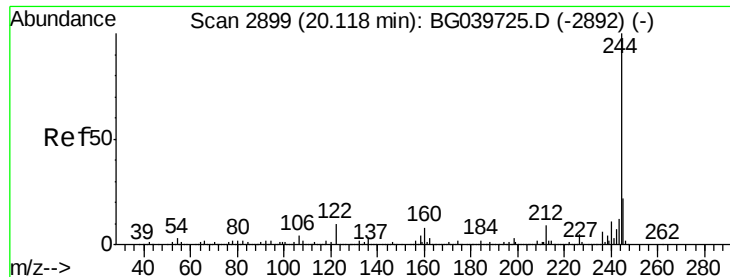
Tot Ion:188 Resp: 309115
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040110.D
Acq: 23 Mar 2019 10:12

Tgt Ion:240 Resp: 303133
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 74.058 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040110.D

Acq: 23 Mar 2019 10:12

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-U-S

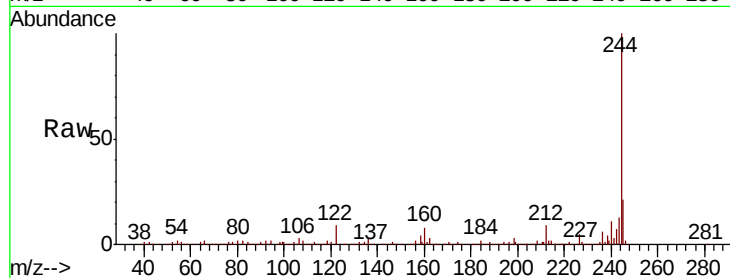
Tot Ion:244 Resp: 1019586

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.3	10.9
122	8.7	8.4	12.6

244 100

212 8.7 7.3 10.9

122 8.7 8.4 12.6

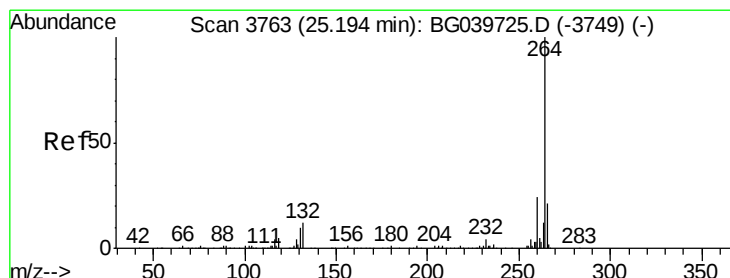
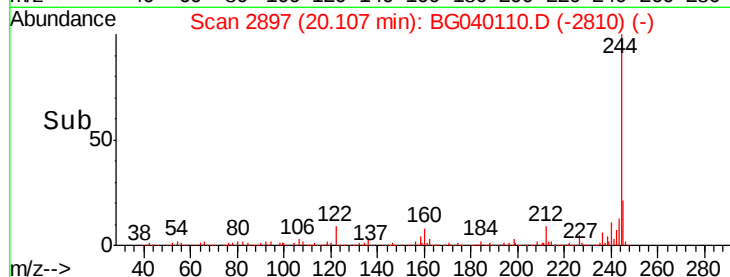
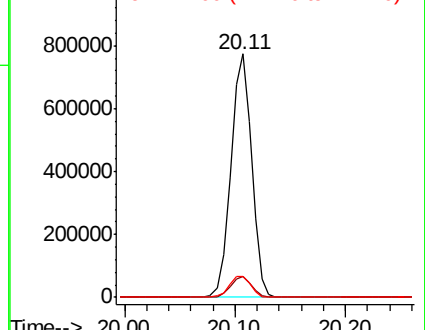


Abundance

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: BG040110.D

Acq: 23 Mar 2019 10:12

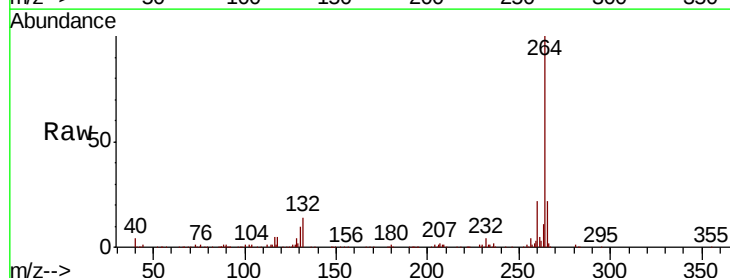
Tgt Ion:264 Resp: 303983

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	22.3	18.5	27.7

264 100

260 22.2 18.2 27.4

265 22.3 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

