

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040111.D
 Acq On : 23 Mar 2019 10:52
 Operator : JU/SJ
 Sample : K2034-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031619-LIFT-E-U-M

Quant Time: Mar 23 22:41:14 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	39793	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	176981	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	123154	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	299357	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	293211	20.00	ng	-0.03
87) Perylene-d12	25.16	264	293752	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	91807	39.36	ng	-0.02
7) Phenol-d6	7.28	99	84290	24.24	ng	-0.03
23) Nitrobenzene-d5	9.32	82	291317	89.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	131718	91.76	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	757109	87.53	ng	-0.02
79) Terphenyl-d14	20.11	244	1029953	77.34	ng	-0.02

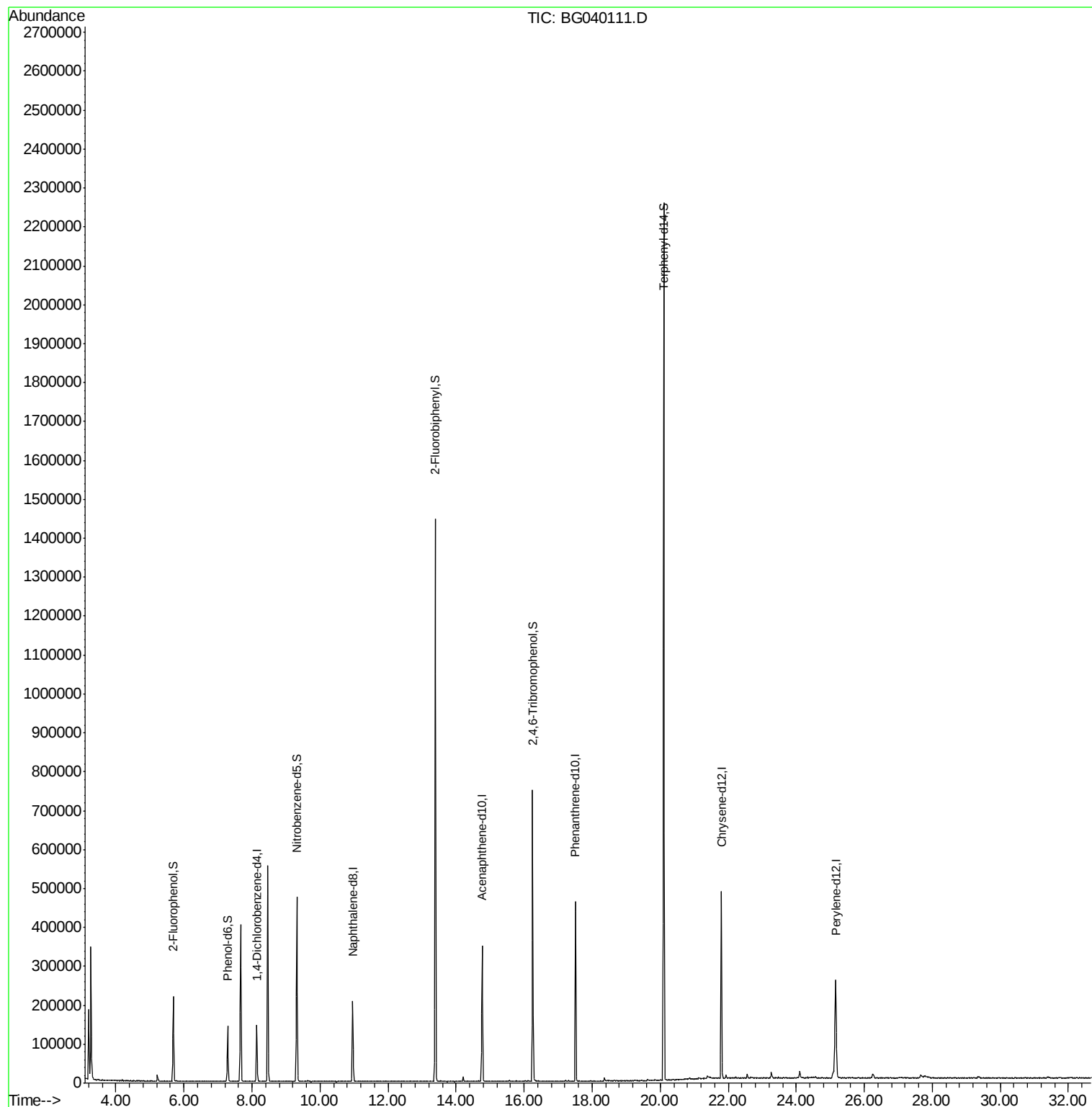
Target Compounds Qvalue

(#) = 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: BG040111.D

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Instrument :

BNA_G

ClientSampleId :

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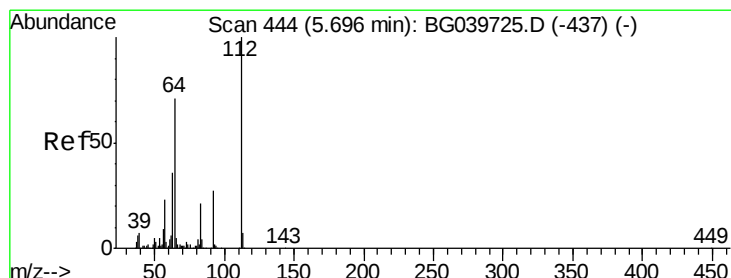
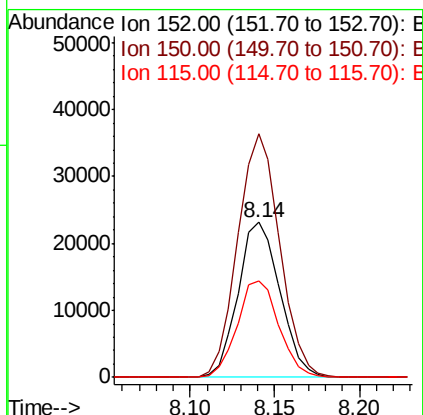
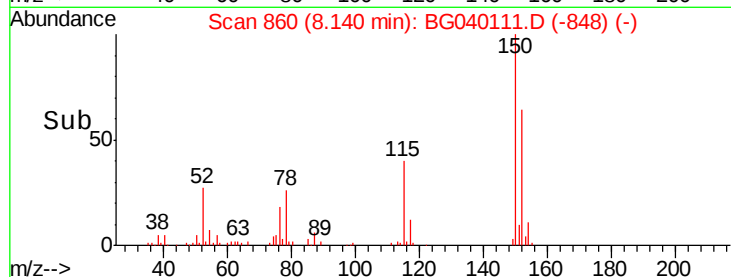
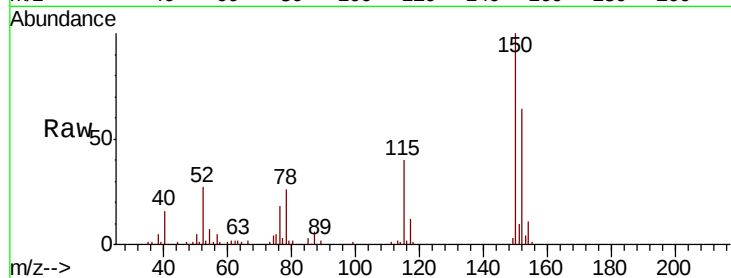
Tot Ion:152 Resp: 39793

Ion Ratio Lower Upper

152 100

150 157.0 123.7 185.5

115 62.4 45.9 68.9



#5

2-Fluorophenol

Concen: 39.360 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040111.D

Acq: 23 Mar 2019 10:52

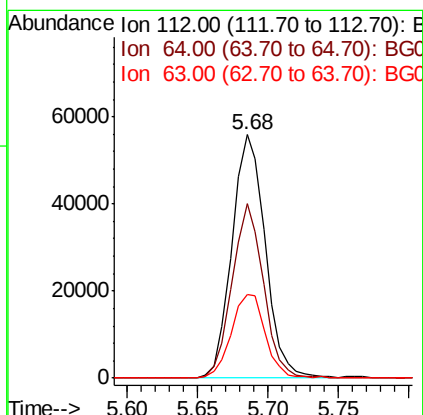
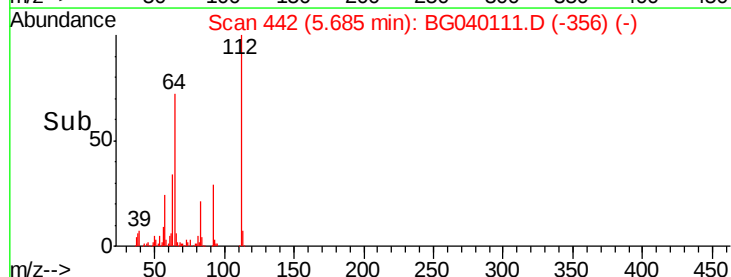
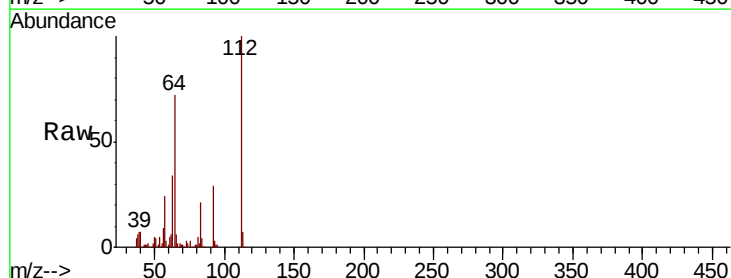
Tgt Ion:112 Resp: 91807

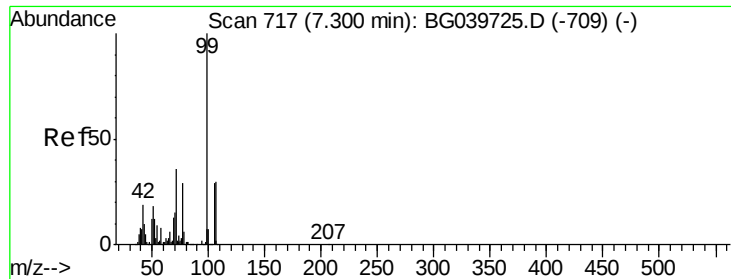
Ion Ratio Lower Upper

112 100

64 71.6 57.8 86.8

63 34.5 29.8 44.6





#7

Phenol-d6

Concen: 24.236 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040111.D

Acq: 23 Mar 2019 10:52

Instrument :

BNA_G

ClientSampleId :

031619-LIFT-E-U-M

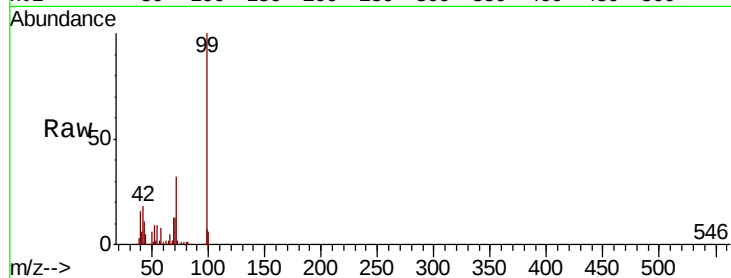
Tot Ion: 99 Resp: 84290

Ion Ratio Lower Upper

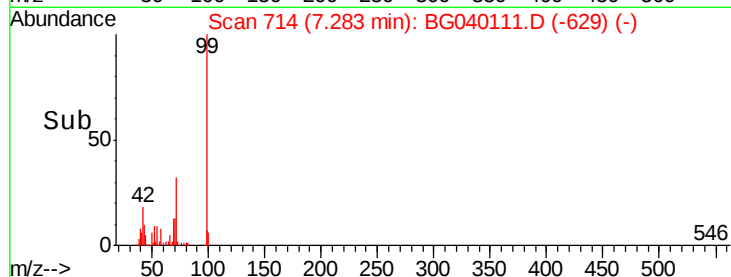
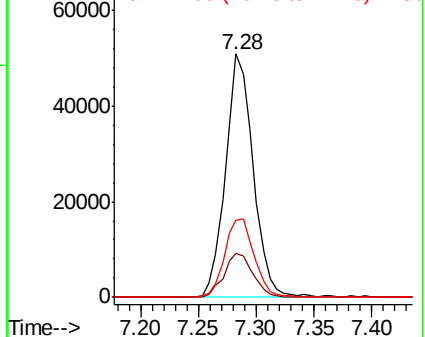
99 100

42 17.8 18.2 27.2#

71 32.0 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: BG040111.D

Acq: 23 Mar 2019 10:52

Tgt Ion: 136 Resp: 176981

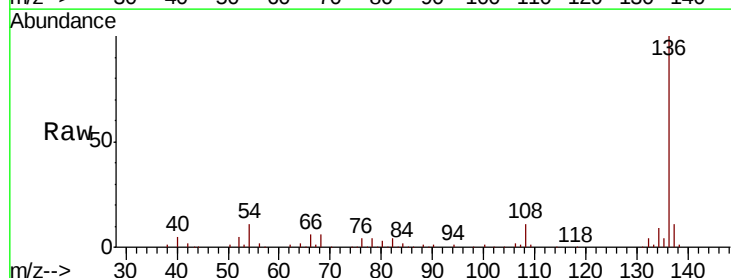
Ion Ratio Lower Upper

136 100

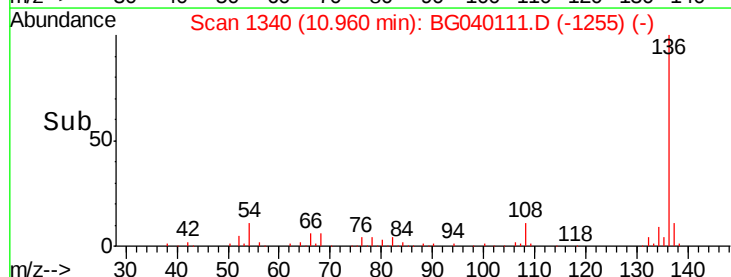
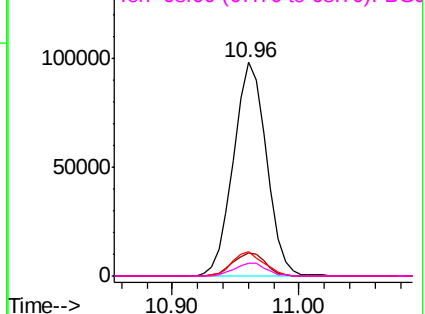
137 10.7 9.1 13.7

54 11.5 9.4 14.2

68 5.8 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

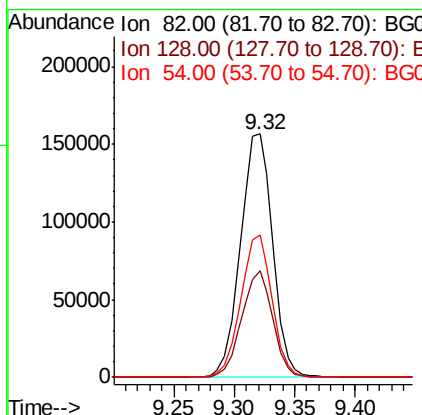
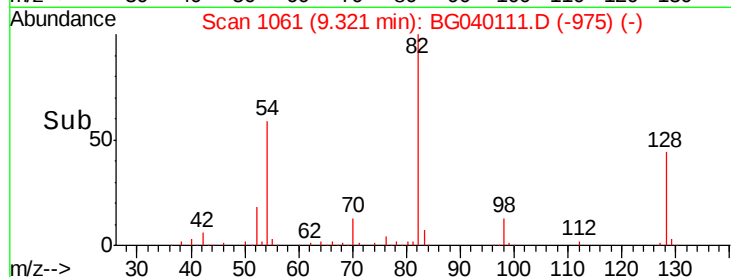
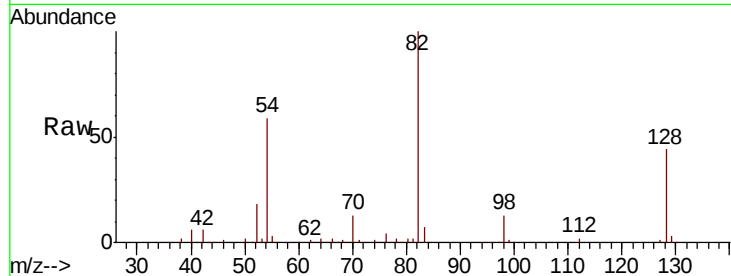




#23
Nitrobenzene-d5
Concen: 89.024 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040111.D
Acq: 23 Mar 2019 10:52

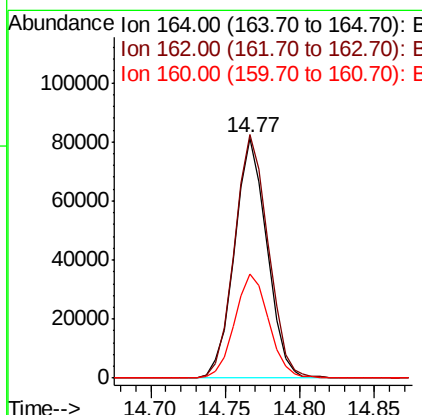
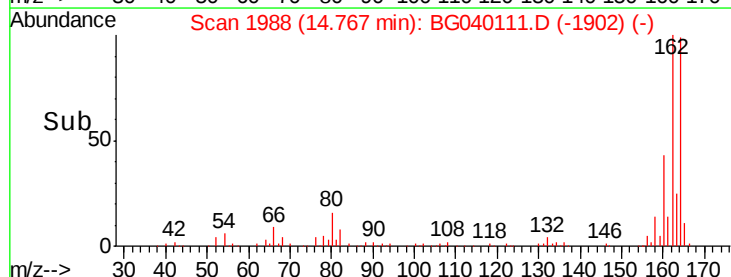
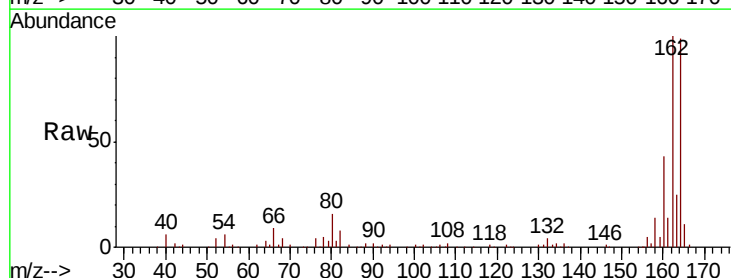
Instrument :
BNA_G
ClientSampleId :
031619-LIFT-E-U-M

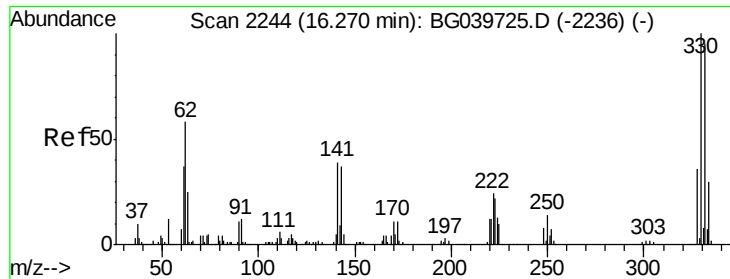
Tot Ion: 82 Resp: 291317
Ion Ratio Lower Upper
82 100
128 43.8 31.3 46.9
54 58.6 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040111.D
Acq: 23 Mar 2019 10:52

Tgt Ion: 164 Resp: 123154
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 43.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 91.761 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040111.D

Acq: 23 Mar 2019 10:52

Instrument :

BNA_G

ClientSampleId :

031619-LIFT-E-U-M

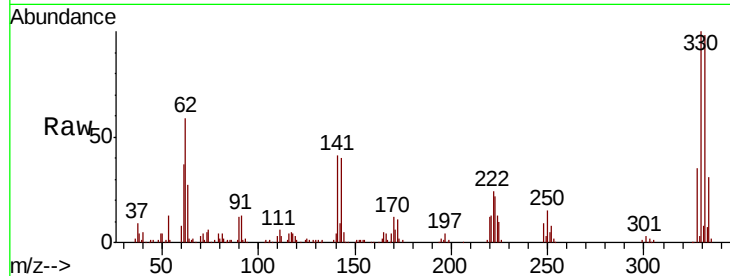
Tot Ion:330 Resp: 131718

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

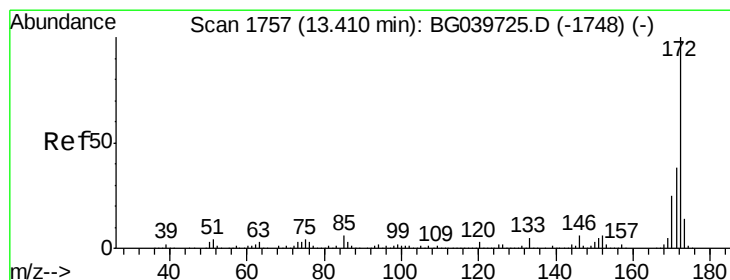
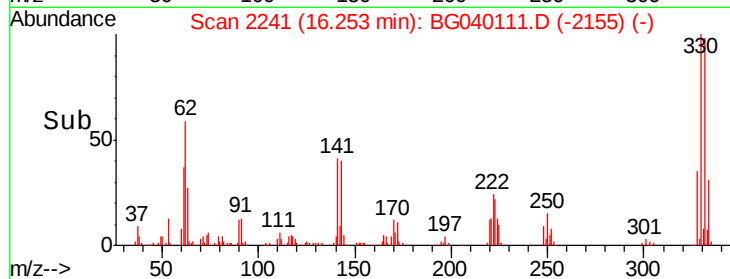
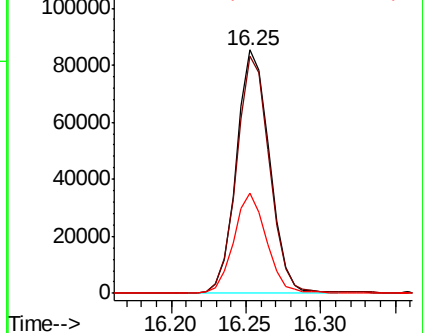
141 40.8 35.6 53.4



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: 87.532 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040111.D

Acq: 23 Mar 2019 10:52

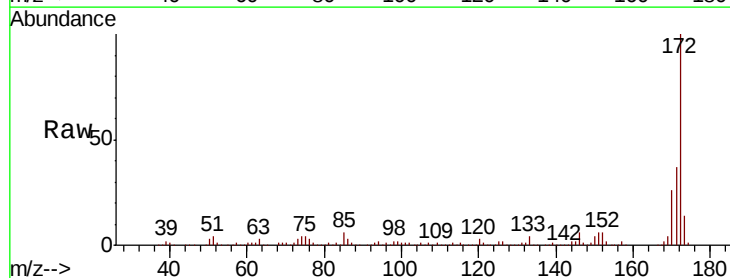
Tgt Ion:172 Resp: 757109

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

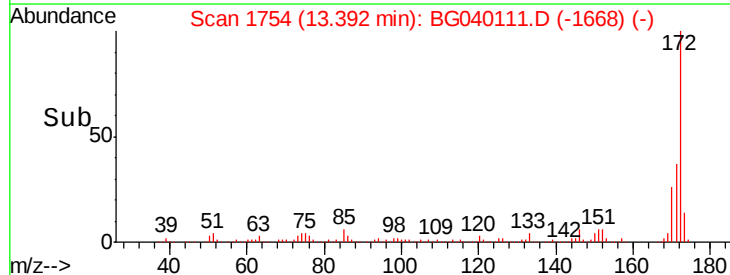
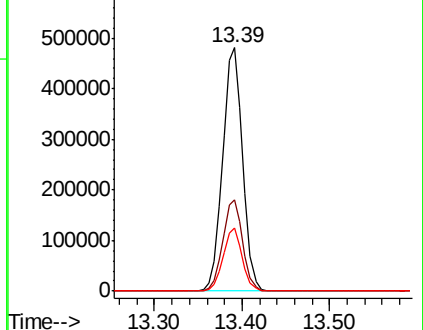
170 25.7 20.2 30.4



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

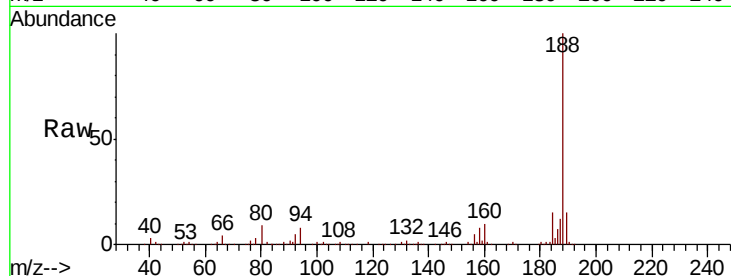




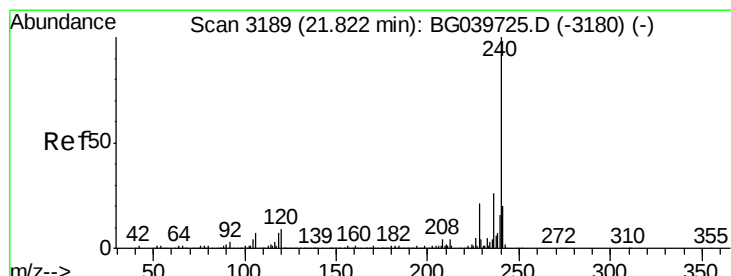
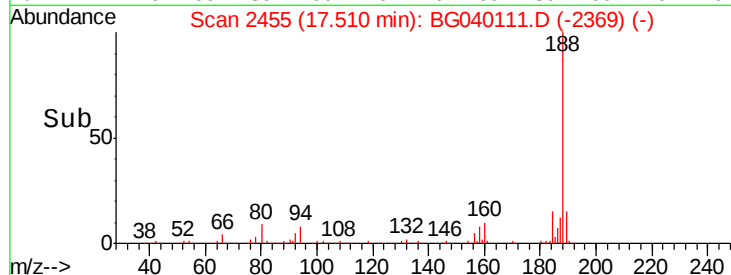
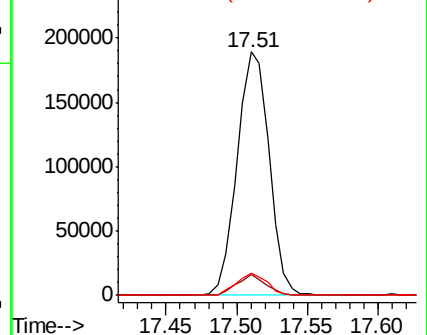
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040111.D
Acq: 23 Mar 2019 10:52

Instrument :
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ClientSampleId :
031619-LIFT-E-U-M

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	8.1	12.1

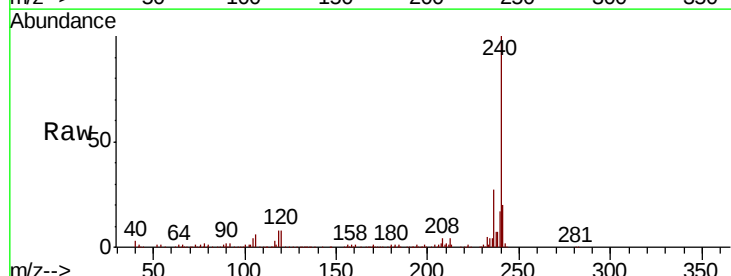


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

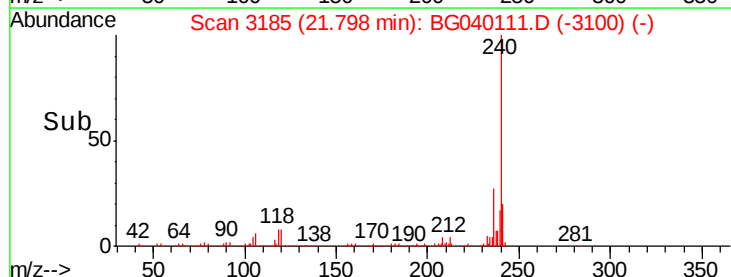
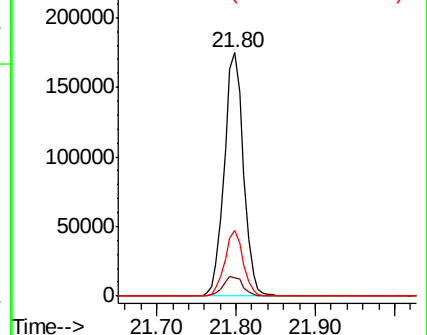


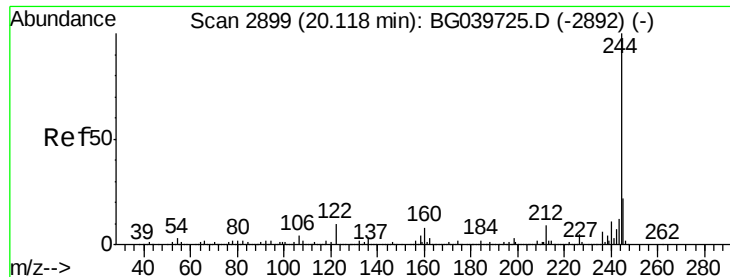
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040111.D
Acq: 23 Mar 2019 10:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.0	10.6
236	26.8	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.342 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040111.D

Acq: 23 Mar 2019 10:52

Instrument :

BNA_G

ClientSampleId :

031619-LIFT-E-U-M

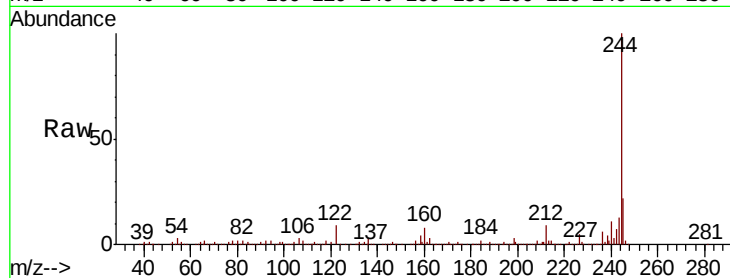
Tot Ion:244 Resp: 1029953

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

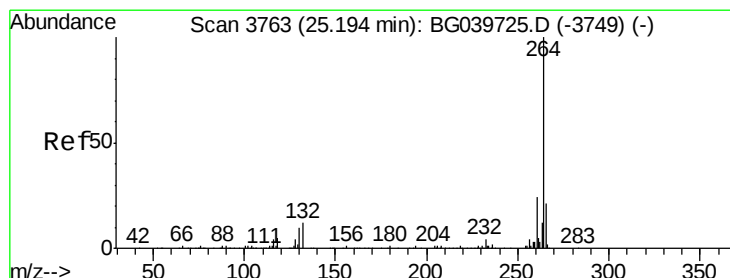
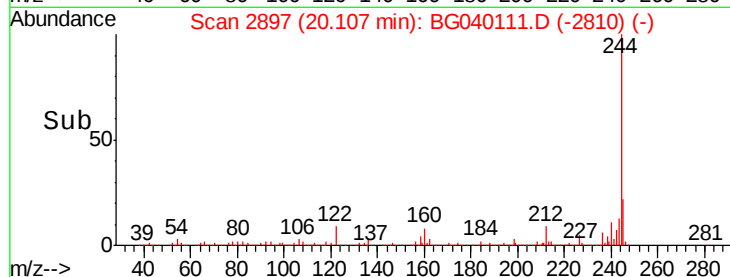
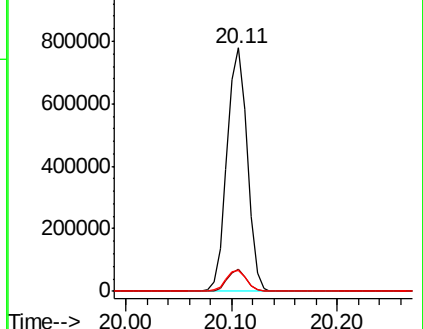
122 8.8 8.4 12.6



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: BG040111.D

Acq: 23 Mar 2019 10:52

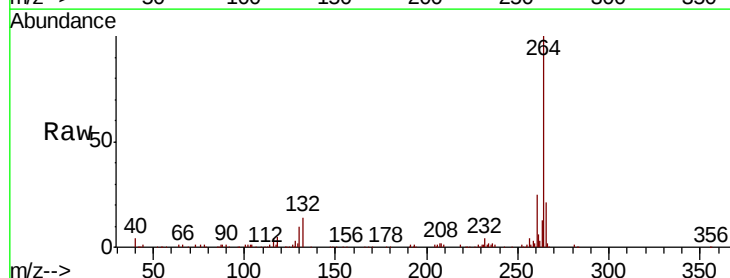
Tgt Ion:264 Resp: 293752

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

265 21.4 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

