

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040102.D
 Acq On : 23 Mar 2019 4:54
 Operator : JU/SJ
 Sample : K2033-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032019-LIFT-F-D-S

Quant Time: Mar 23 05:57:15 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	41814	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	187975	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	134815	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	323515	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	315861	20.00	ng	-0.03
87) Perylene-d12	25.16	264	311618	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	87204	35.58	ng	-0.02
7) Phenol-d6	7.28	99	76840	21.03	ng	-0.03
23) Nitrobenzene-d5	9.32	82	287415	82.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	122380	77.88	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	739973	78.15	ng	-0.03
79) Terphenyl-d14	20.11	244	1015259	70.77	ng	-0.02

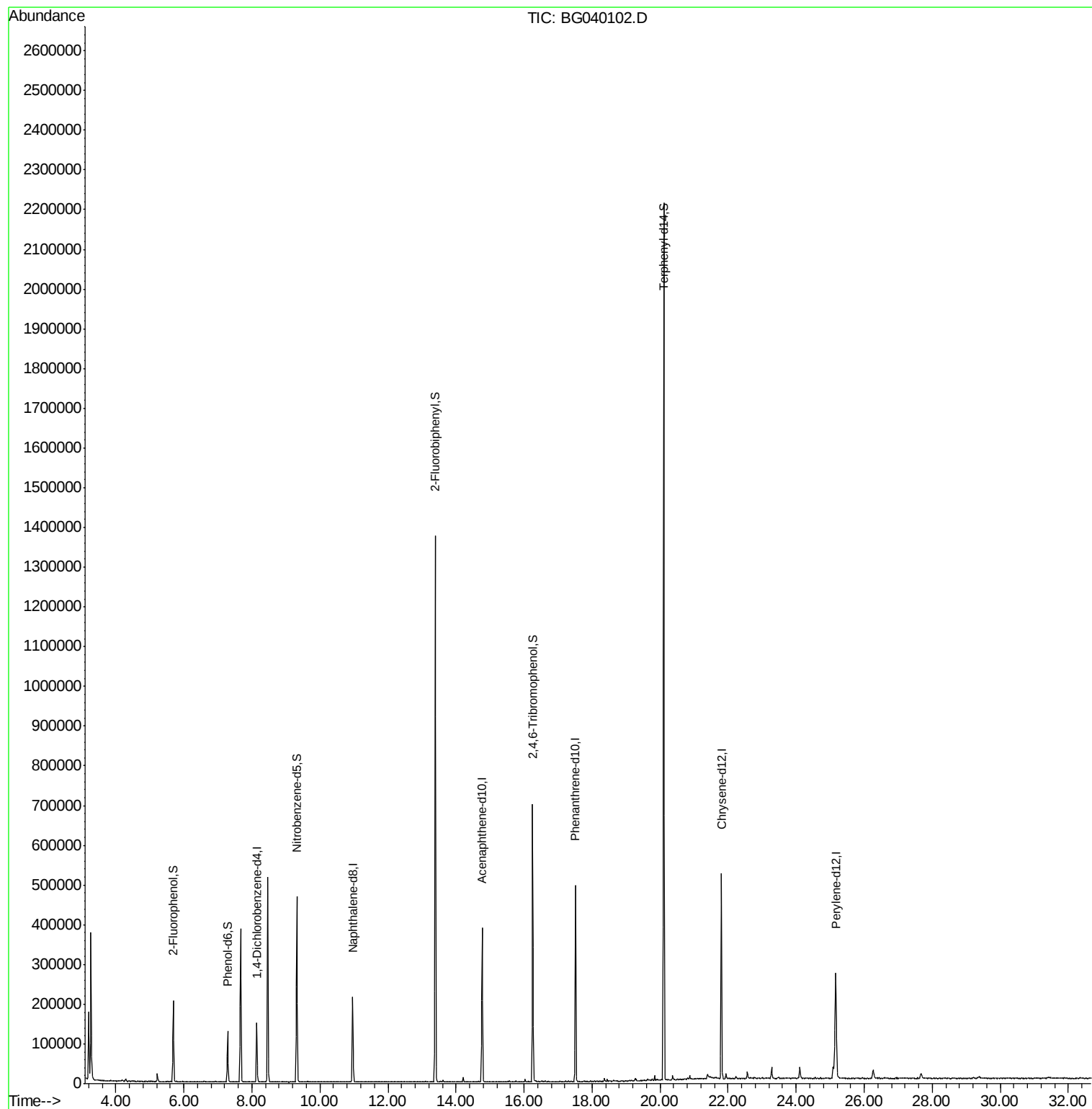
Target Compounds Qvalue

(#) = 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: BG040102.D

Acq: 23 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-S

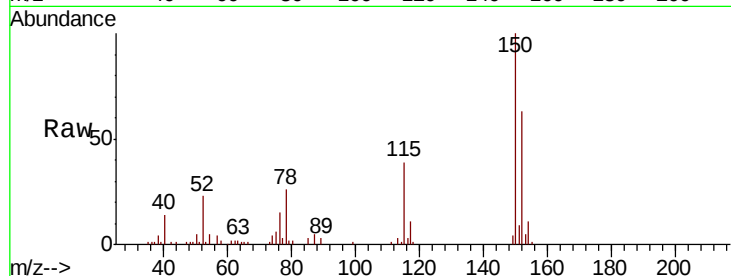
Tot Ion:152 Resp: 41814

Ion Ratio Lower Upper

152 100

150 157.5 123.7 185.5

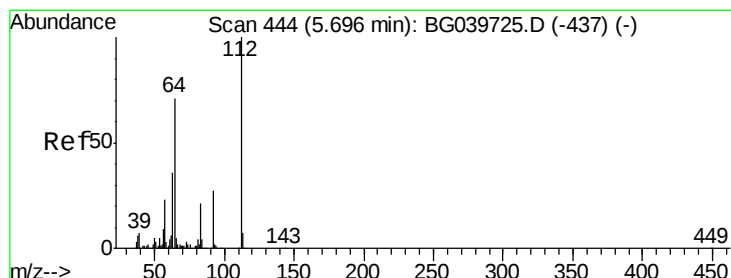
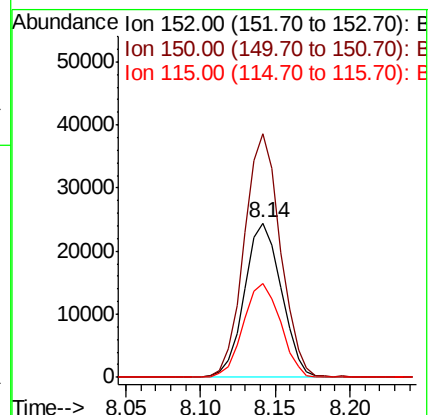
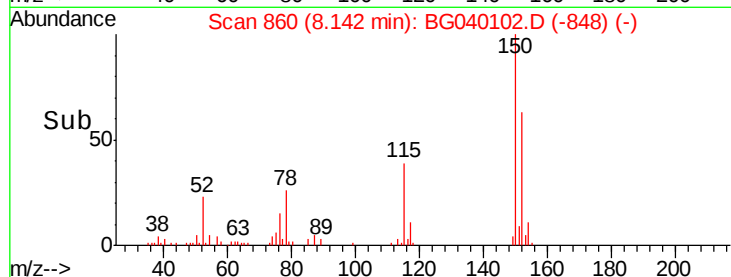
115 60.7 45.9 68.9



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: 35.579 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040102.D

Acq: 23 Mar 2019 4:54

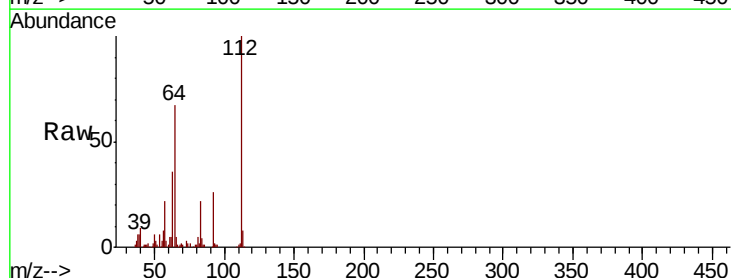
Tgt Ion:112 Resp: 87204

Ion Ratio Lower Upper

112 100

64 66.7 57.8 86.8

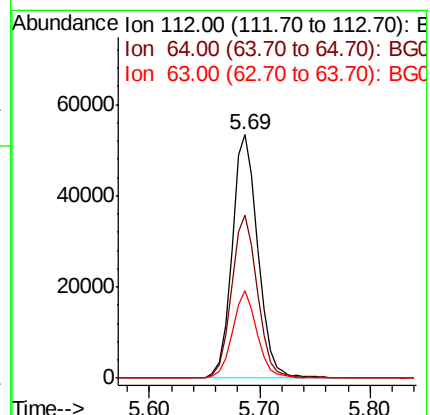
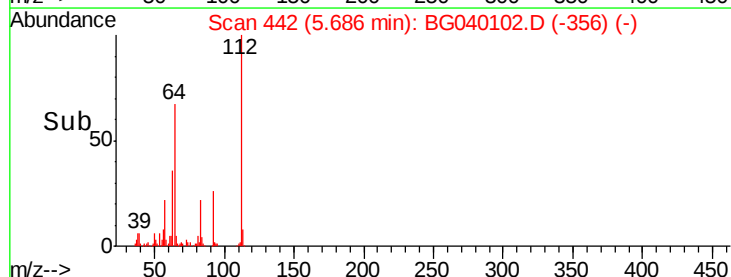
63 35.9 29.8 44.6



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: 21.026 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040102.D

Acq: 23 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-S

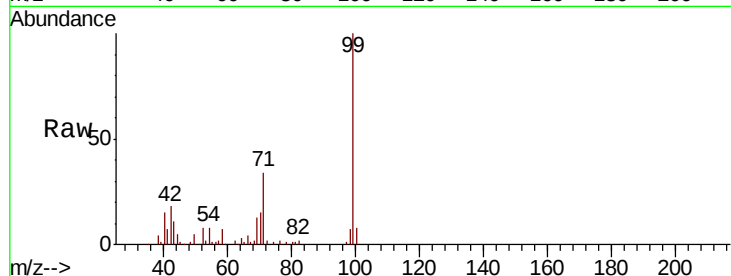
Tot Ion: 99 Resp: 76840

Ion Ratio Lower Upper

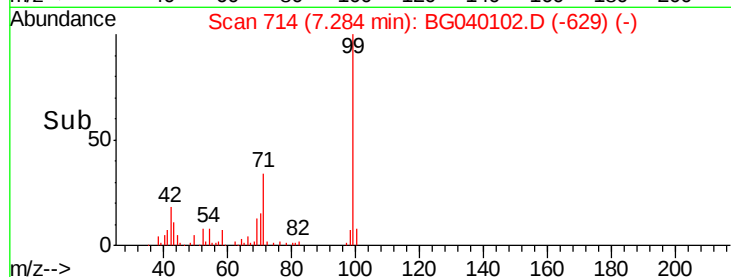
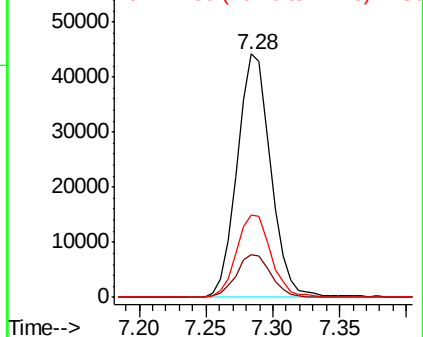
99 100

42 17.7 18.2 27.2#

71 33.9 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: BG040102.D

Acq: 23 Mar 2019 4:54

Tgt Ion: 136 Resp: 187975

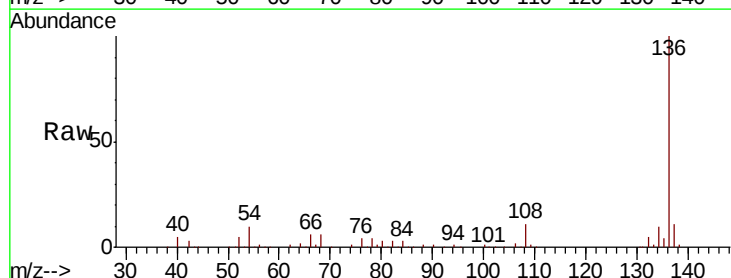
Ion Ratio Lower Upper

136 100

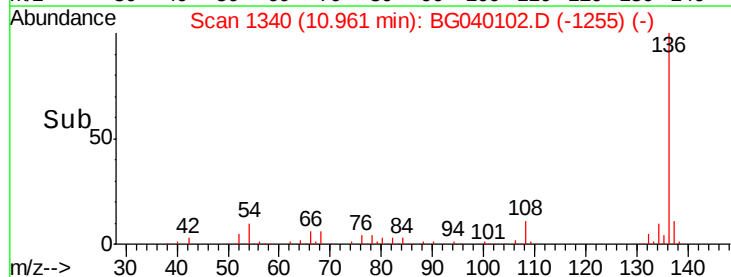
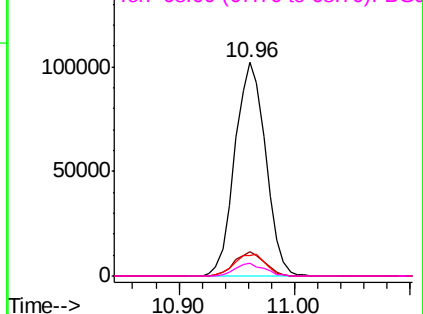
137 11.2 9.1 13.7

54 9.6 9.4 14.2

68 6.2 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

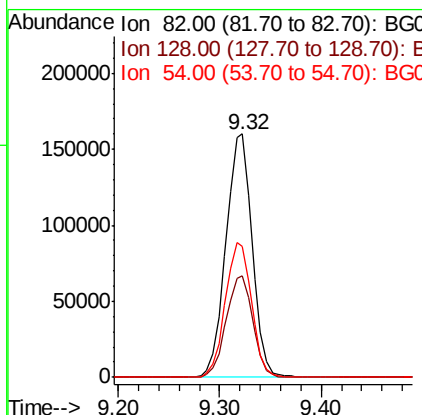
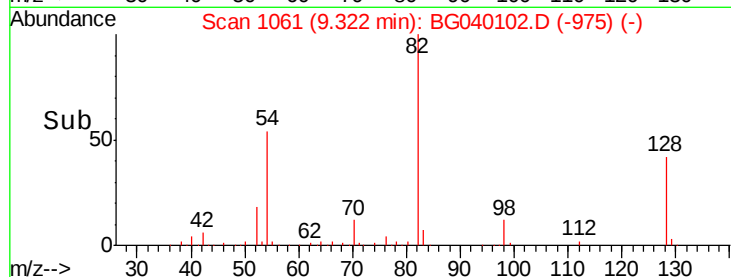
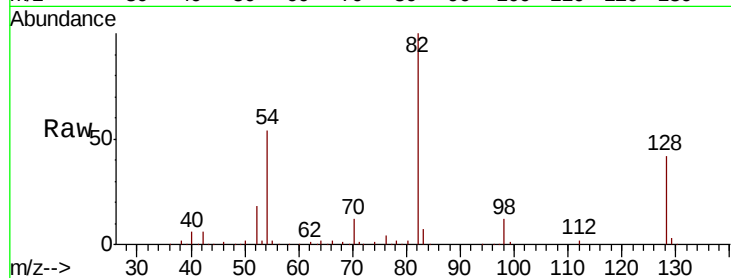




#23
Nitrobenzene-d5
Concen: 82.695 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040102.D
Acq: 23 Mar 2019 4:54

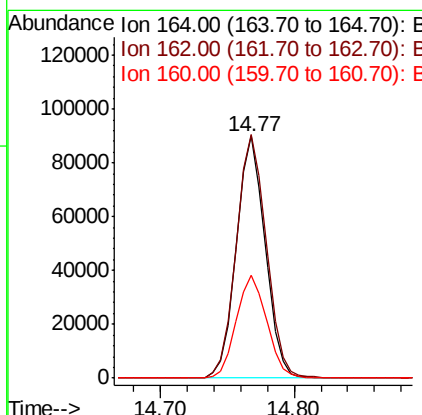
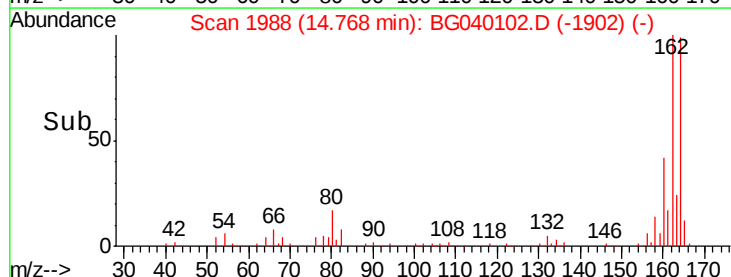
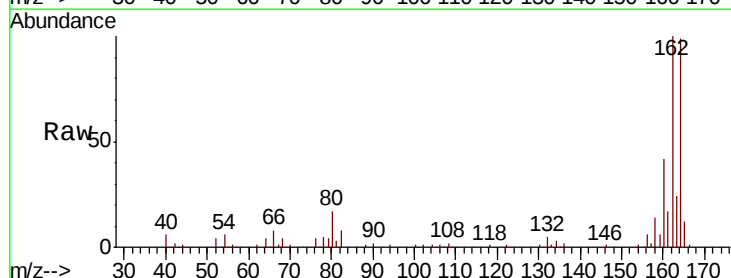
Instrument :
BNA_G
ClientSampleId :
032019-LIFT-F-D-S

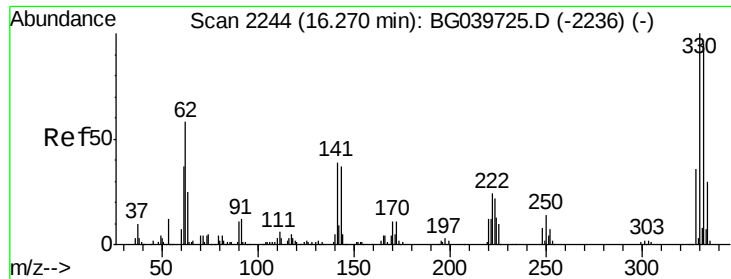
Tot Ion	82.00	Resp	287415
Ion Ratio	Lower	Upper	
82	100		
128	41.9	31.3	46.9
54	53.9	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040102.D
Acq: 23 Mar 2019 4:54

Tgt Ion	164.00	Resp	134815
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.6	122.4
160	42.6	34.2	51.2

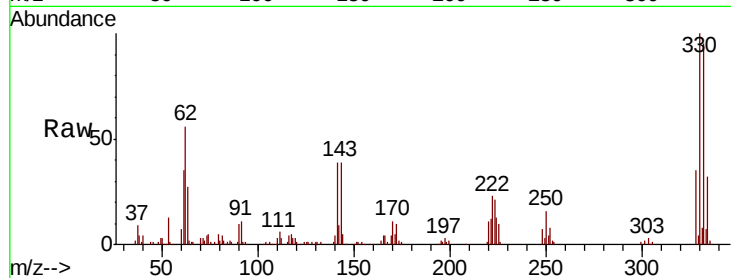




#42
 2,4,6-Tribromophenol
 Concen: 77.881 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040102.D
 Acq: 23 Mar 2019 4:54

Instrument :
 BNA_G
 ClientSampleId :
 032019-LIFT-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	41.3	35.6	53.4

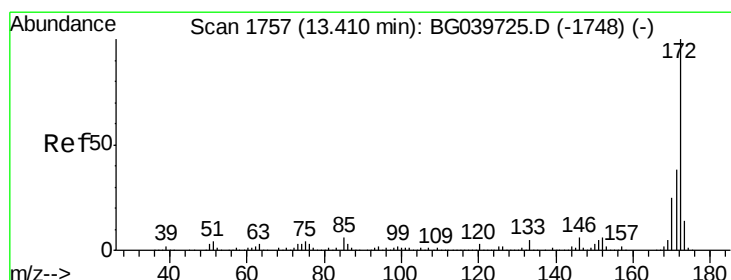
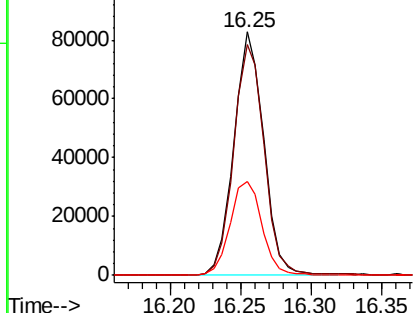
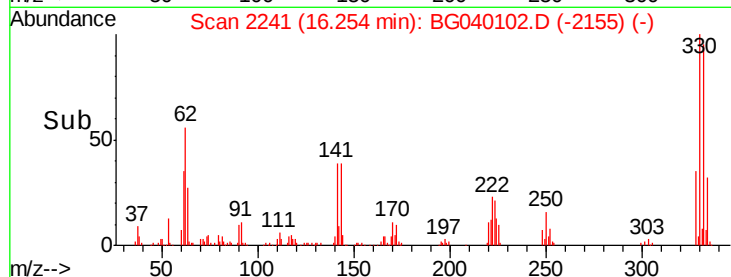


Abundance

Ion 329.80 (329.50 to 330.50): E

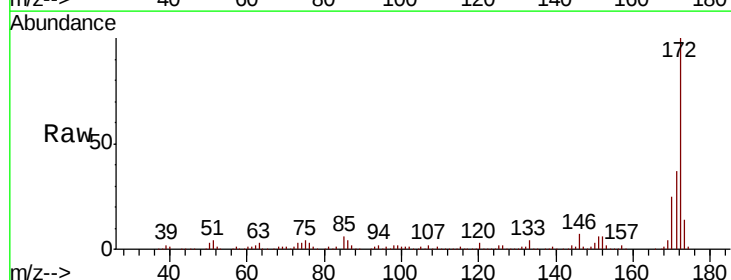
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.151 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040102.D
 Acq: 23 Mar 2019 4:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.6	20.2	30.4

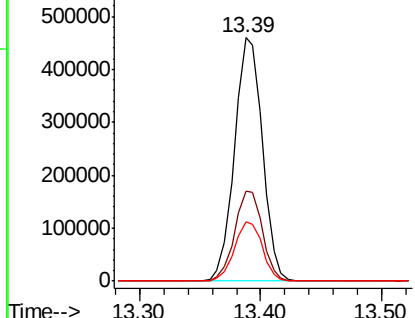
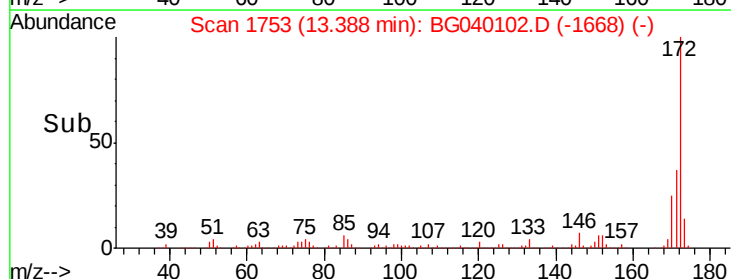


Abundance

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

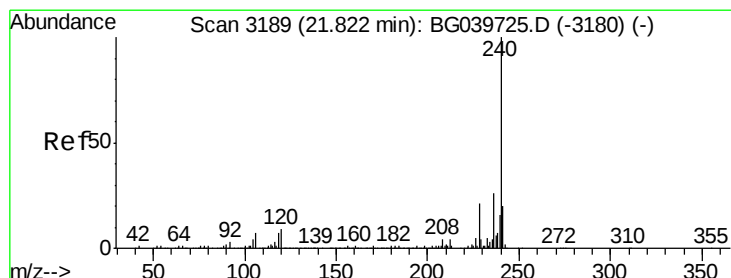
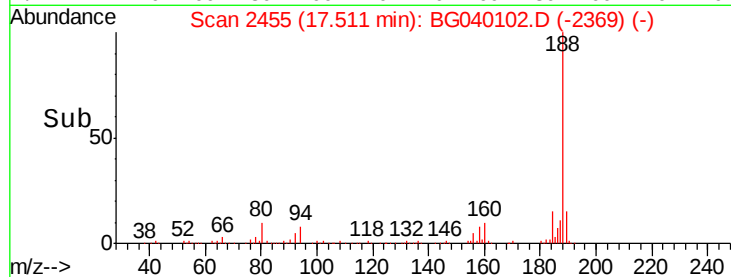
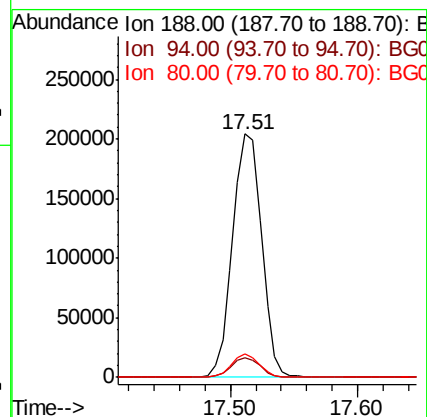
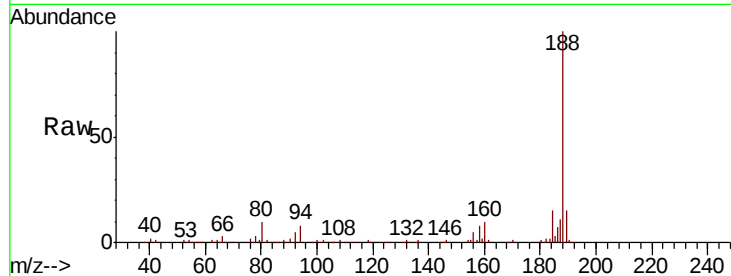




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040102.D
Acq: 23 Mar 2019 4:54

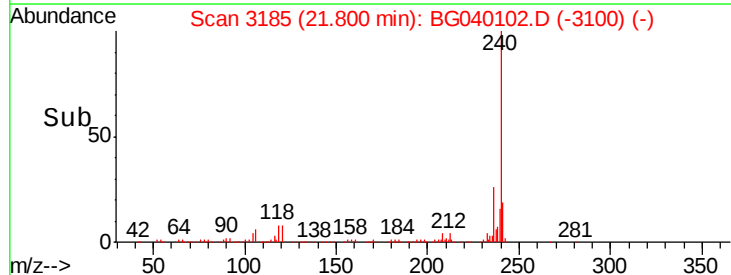
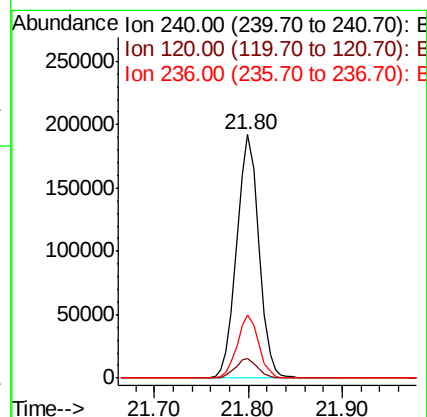
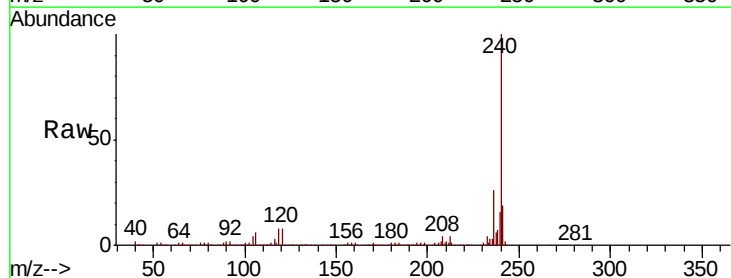
Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.6	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040102.D
Acq: 23 Mar 2019 4:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.0	21.0	31.4





#79

Terphenyl-d14

Concen: 70.772 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040102.D

Acq: 23 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-S

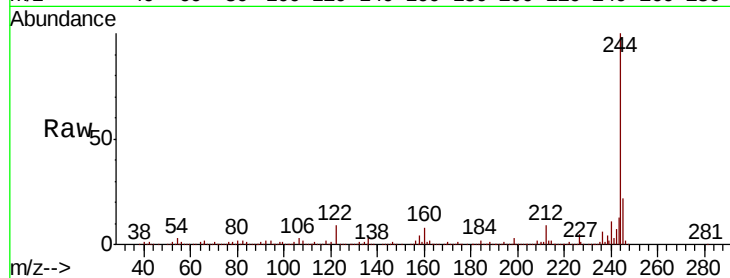
Tot Ion:244 Resp: 1015259

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

244 100

212 9.0 7.3 10.9

122 9.0 8.4 12.6

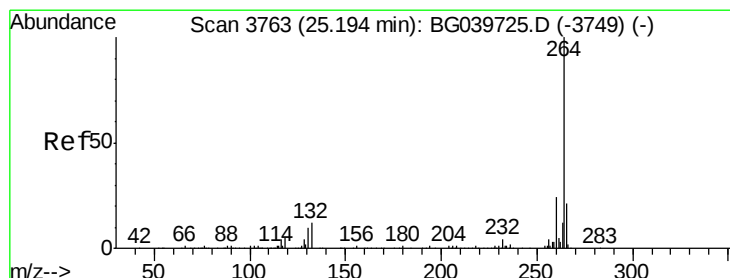
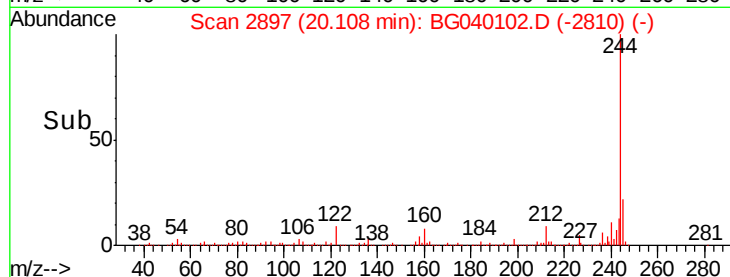
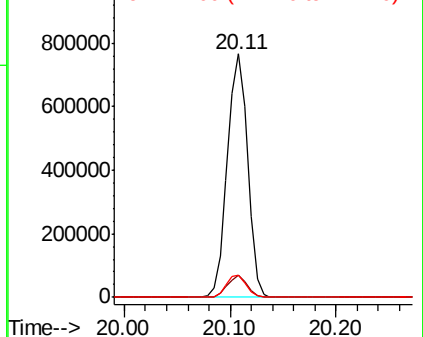


Abundance

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: BG040102.D

Acq: 23 Mar 2019 4:54

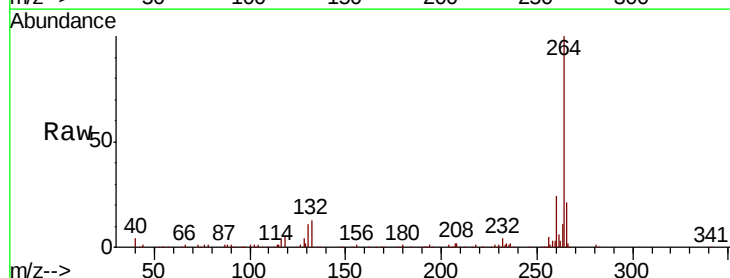
Tgt Ion:264 Resp: 311618

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.1	18.5	27.7

264 100

260 24.5 18.2 27.4

265 21.1 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

