

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039940.D
 Acq On : 15 Mar 2019 14:12
 Operator : JU/SJ
 Sample : K1926-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-MUCK

Quant Time: Mar 16 04:23:39 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

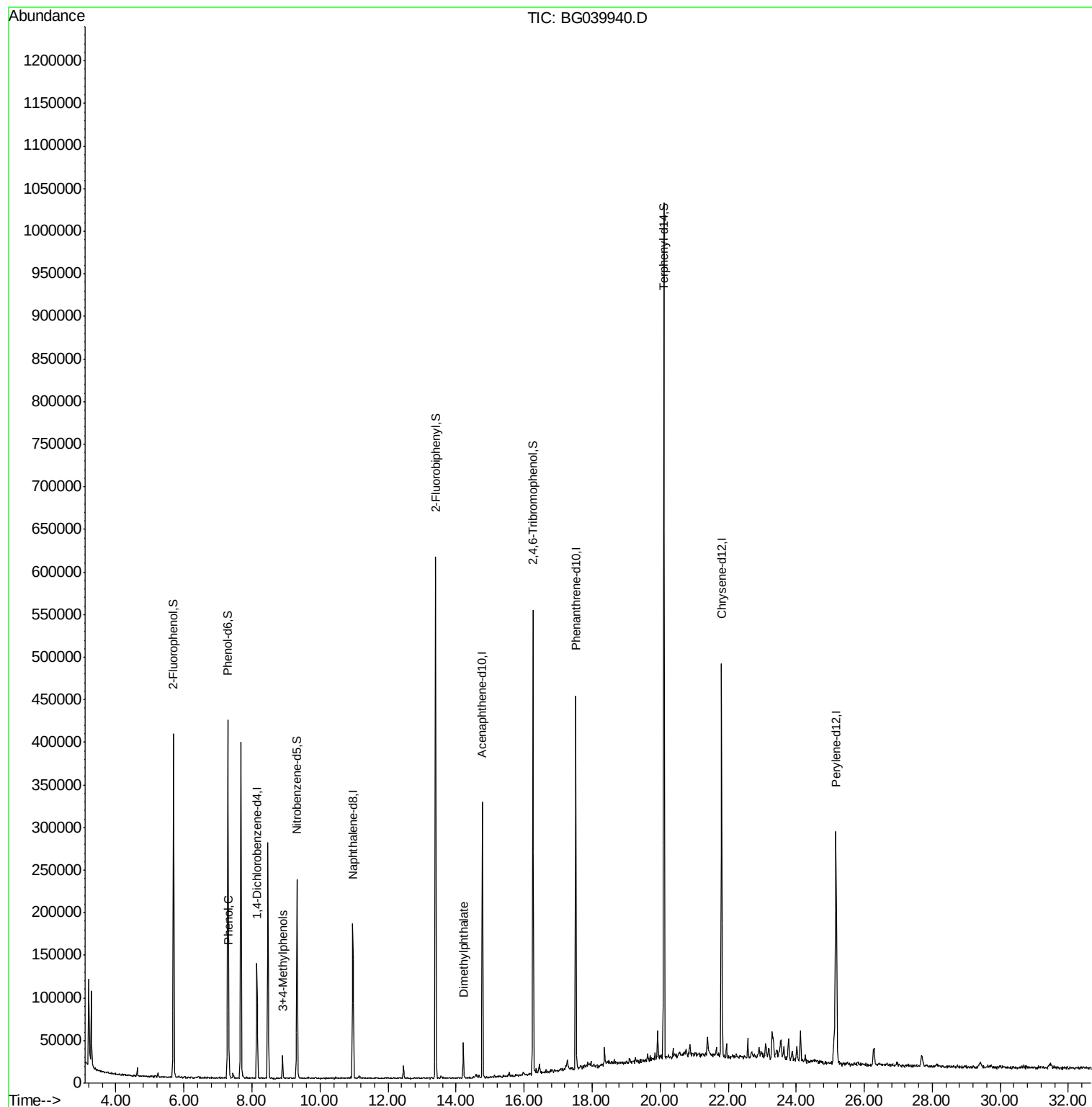
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36296	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	158083	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	113442	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	271131	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	287633	20.00	ng	-0.02
87) Perylene-d12	25.17	264	302881	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	162883	76.56	ng	-0.02
7) Phenol-d6	7.29	99	241262	76.05	ng	-0.02
23) Nitrobenzene-d5	9.33	82	139790	47.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	89319	67.55	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	323469	40.60	ng	-0.02
79) Terphenyl-d14	20.11	244	478771	36.65	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	15350	4.467	ng	97
20) 3+4-Methylphenols	8.90	107	12187	4.003	ng	87
50) Dimethylphthalate	14.21	163	25805	2.720	ng	99

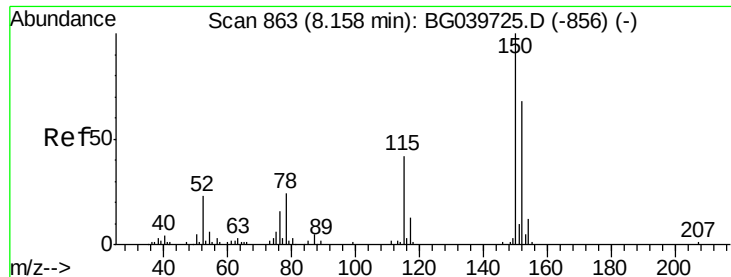
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039940.D
Acq On : 15 Mar 2019 14:12
Operator : JU/SJ
Sample : K1926-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SUMP-MUCK

Quant Time: Mar 16 04:23:39 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: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SUMP-MUCK

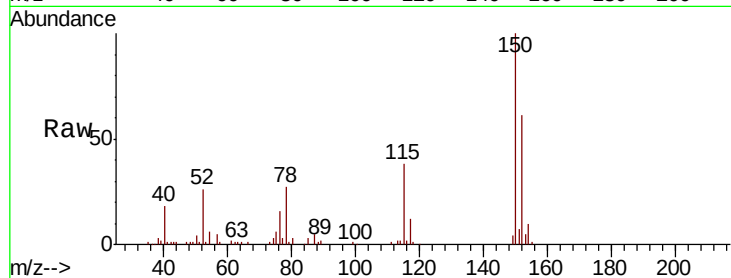
Tot Ion:152 Resp: 36296

Ion Ratio Lower Upper

152 100

150 163.7 123.7 185.5

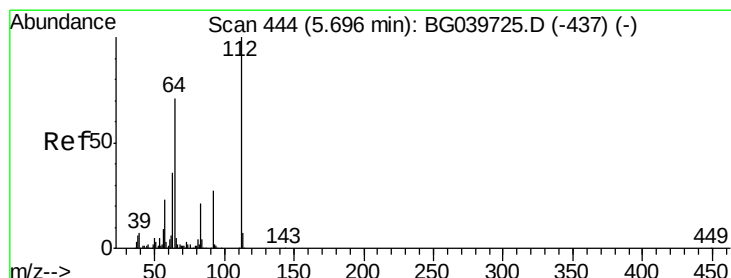
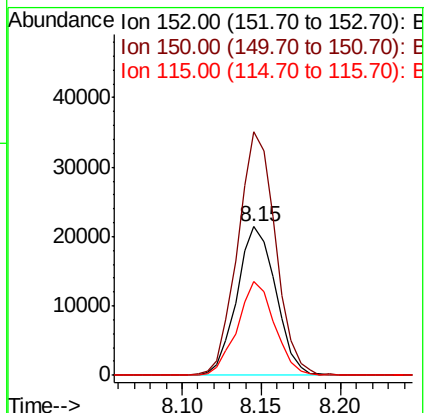
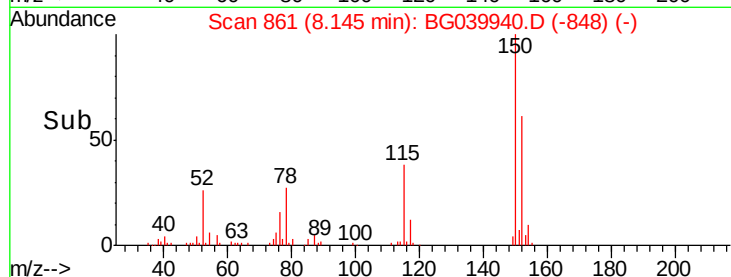
115 62.9 45.9 68.9



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: 76.559 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

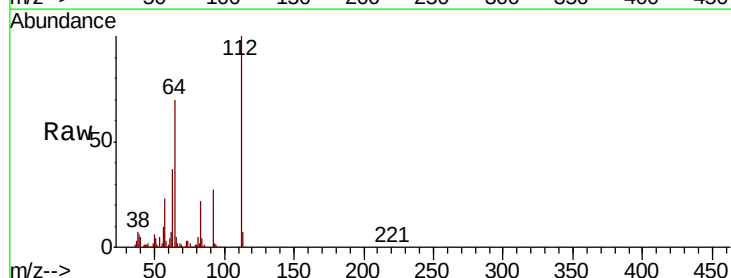
Tgt Ion:112 Resp: 162883

Ion Ratio Lower Upper

112 100

64 69.6 57.8 86.8

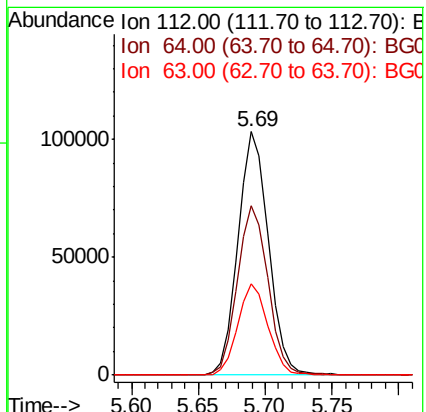
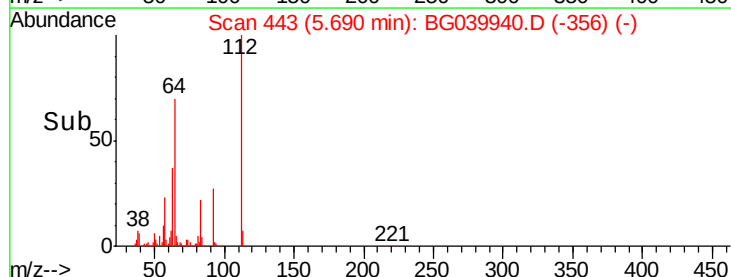
63 37.3 29.8 44.6

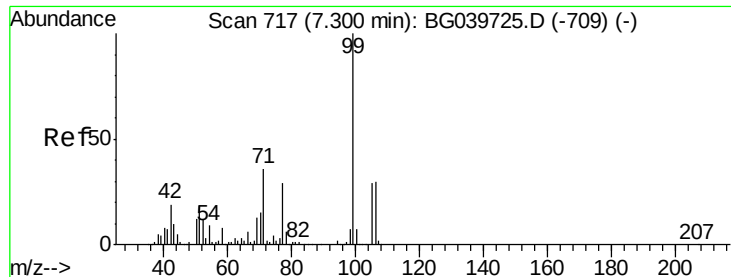


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 76.053 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SUMP-MUCK

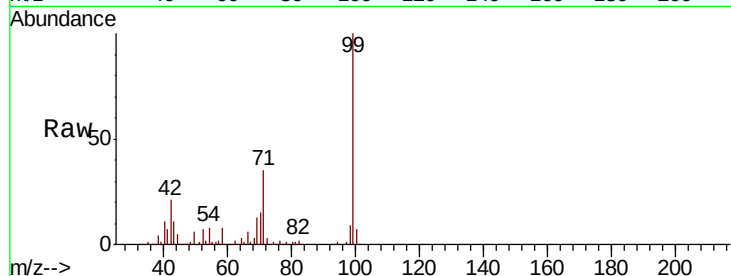
Tot Ion: 99 Resp: 241262

Ion Ratio Lower Upper

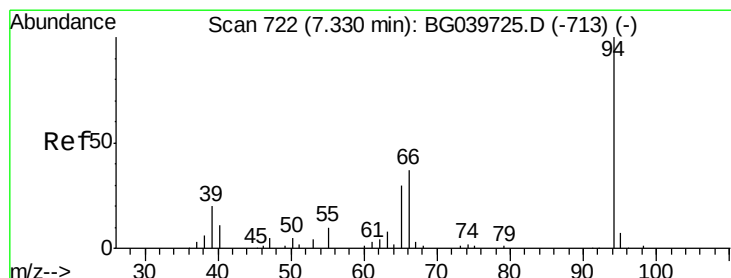
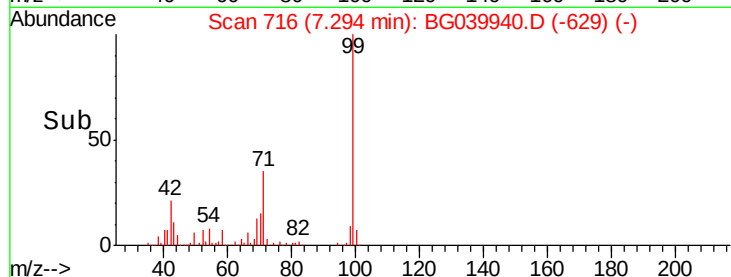
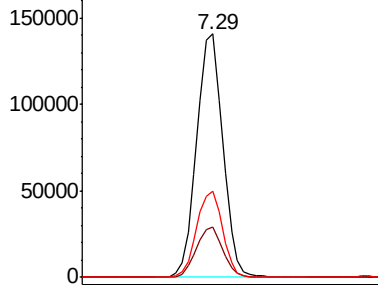
99 100

42 20.6 18.2 27.2

71 35.4 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



#10

Phenol

Concen: 4.467 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

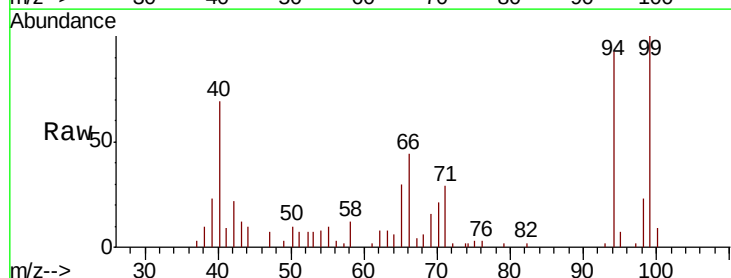
Tgt Ion: 94 Resp: 15350

Ion Ratio Lower Upper

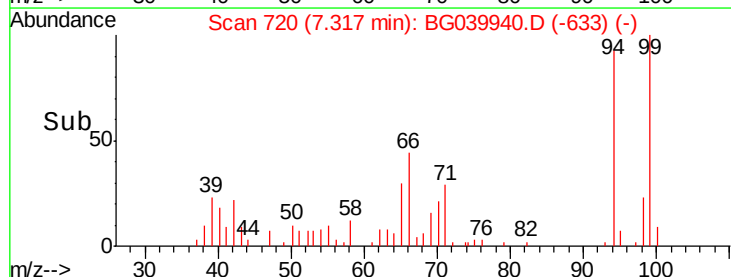
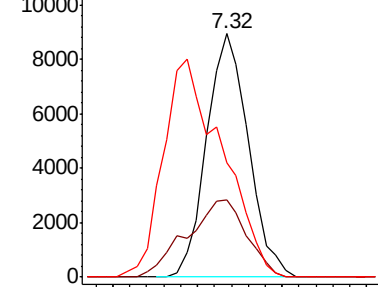
94 100

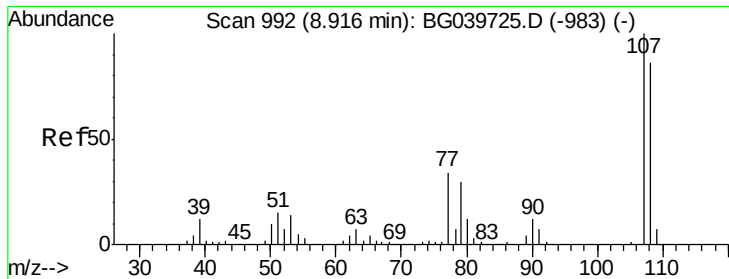
65 31.7 11.7 51.7

66 46.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

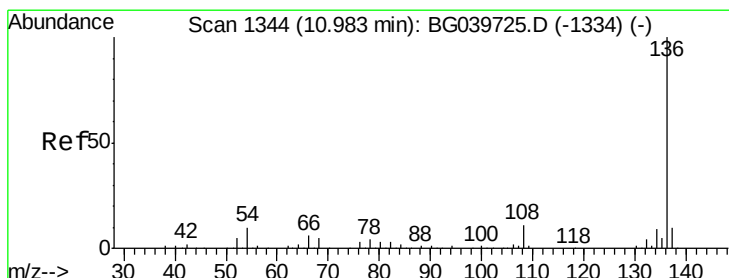
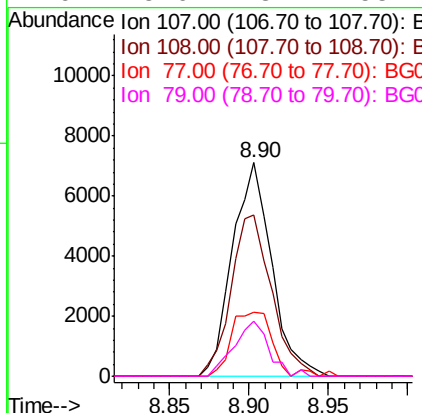
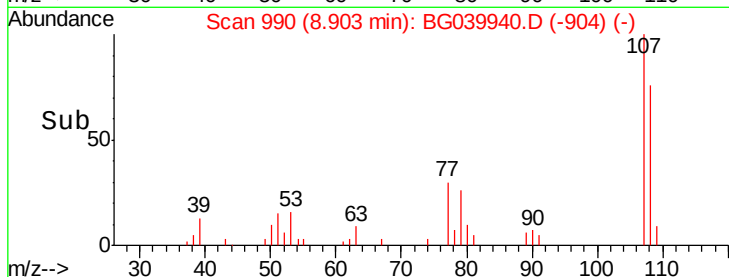
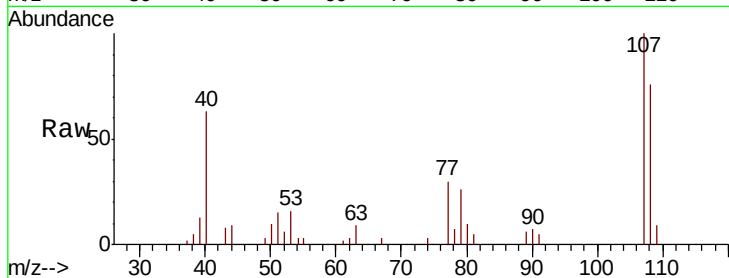




#20
 3+4-Methylphenols
 Concen: 4.003 ng
 RT: 8.90 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BG039940.D
 Acq: 15 Mar 2019 14:12

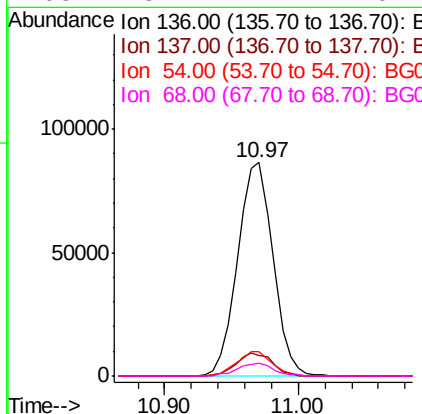
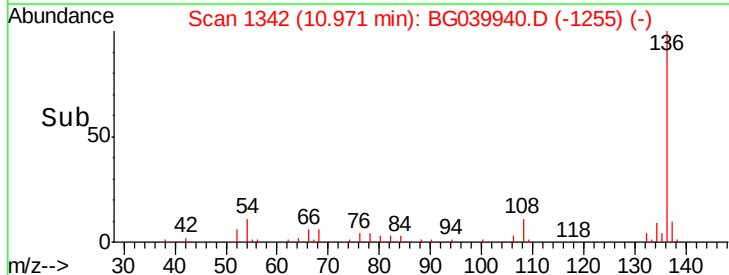
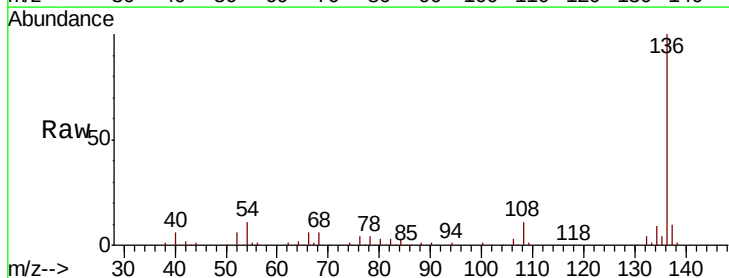
Instrument :
 BNA_G
 ClientSampleId :
 SUMP-MUCK

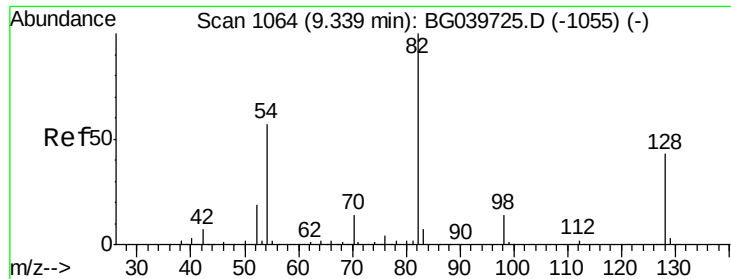
Tot Ion:	107	Resp:	12187
Ion	Ratio	Lower	Upper
107	100		
108	75.6	67.9	107.9
77	30.0	15.4	55.4
79	25.6	13.7	53.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.97 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: BG039940.D
 Acq: 15 Mar 2019 14:12

Tgt Ion:	136	Resp:	158083
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.1	13.7
54	11.2	9.4	14.2
68	5.7	4.2	6.4

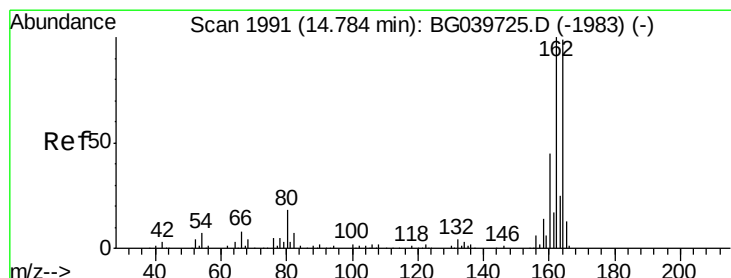
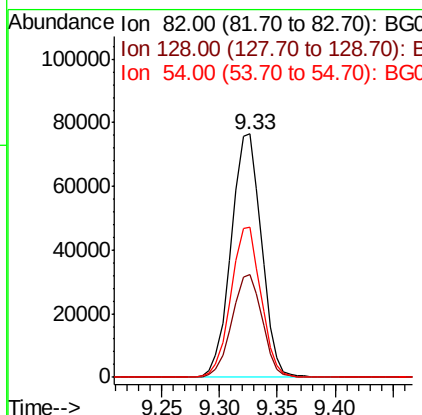
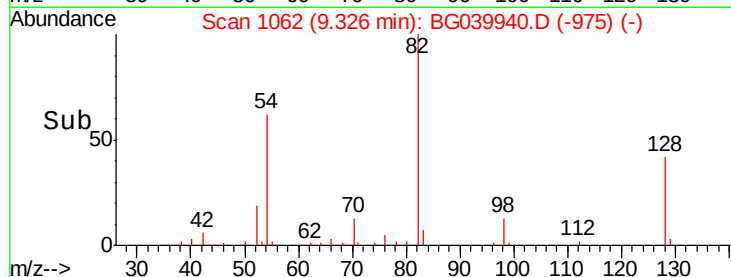
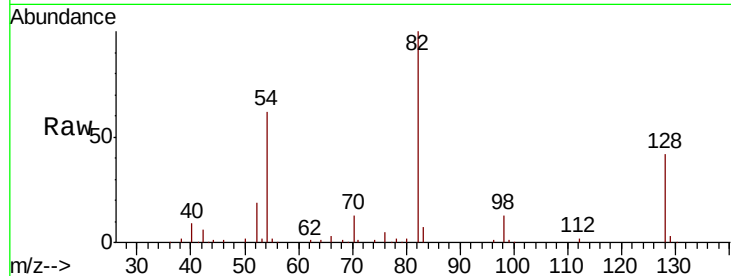




#23
 Nitrobenzene-d5
 Concen: 47.826 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039940.D
 Acq: 15 Mar 2019 14:12

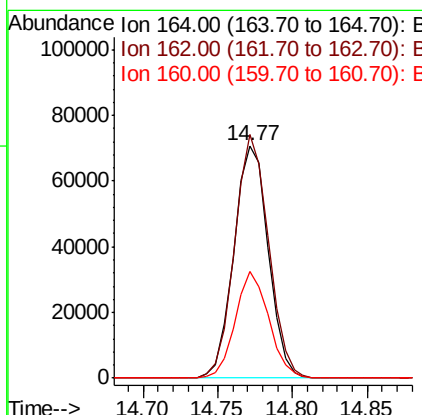
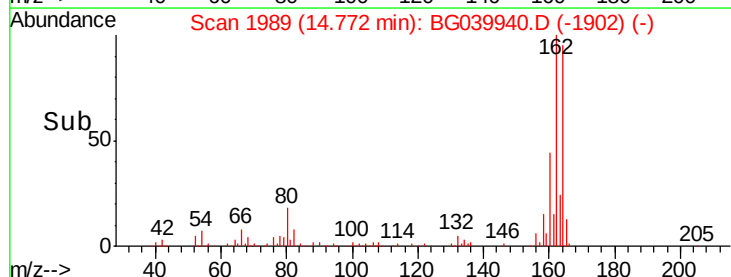
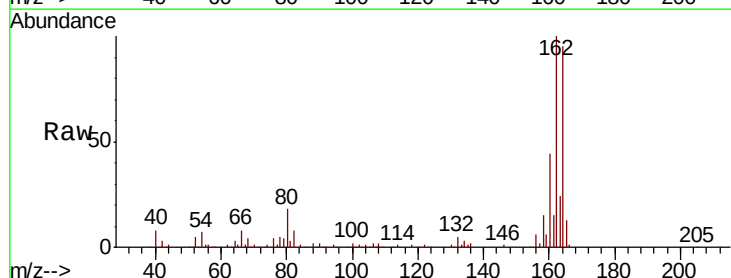
Instrument :
 BNA_G
 ClientSampleId :
 SUMP-MUCK

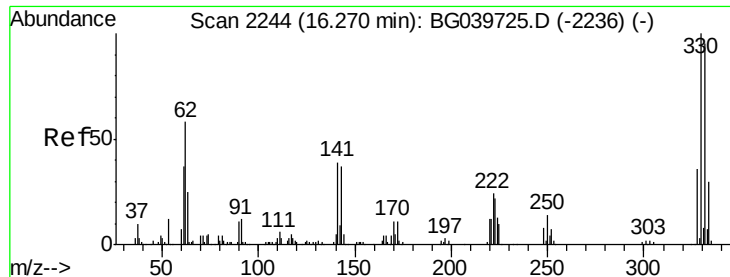
Tot Ion	82	Resp	139790
Ion Ratio	100	Lower	Upper
128	42.1	31.3	46.9
54	61.7	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039940.D
 Acq: 15 Mar 2019 14:12

Tgt Ion	164	Resp	113442
Ion Ratio	100	Lower	Upper
162	104.9	81.6	122.4
160	45.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 67.551 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SUMP-MUCK

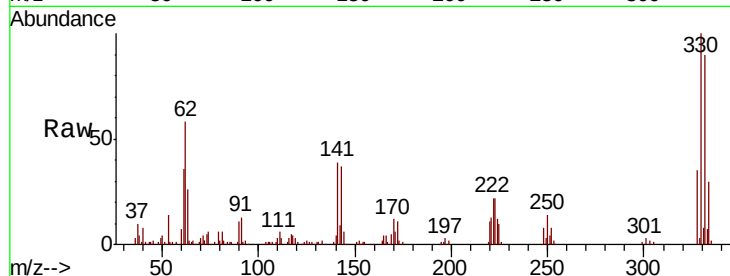
Tot Ion:330 Resp: 89319

Ion Ratio Lower Upper

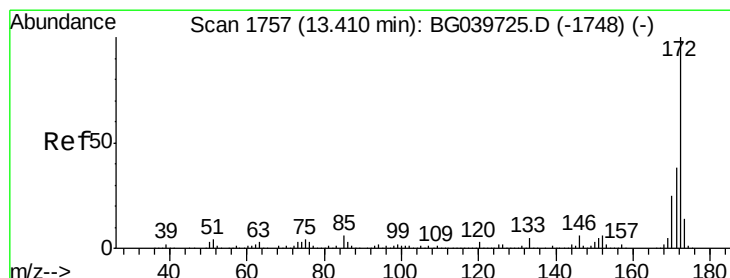
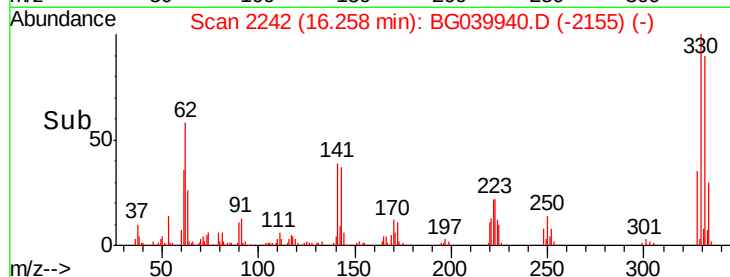
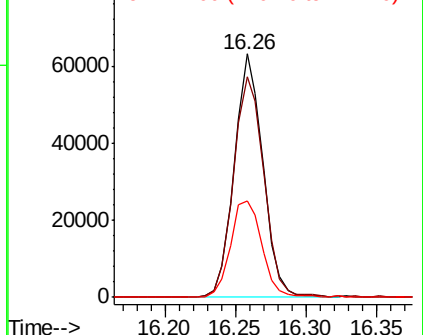
330 100

332 96.2 75.7 113.5

141 43.9 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: 40.599 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

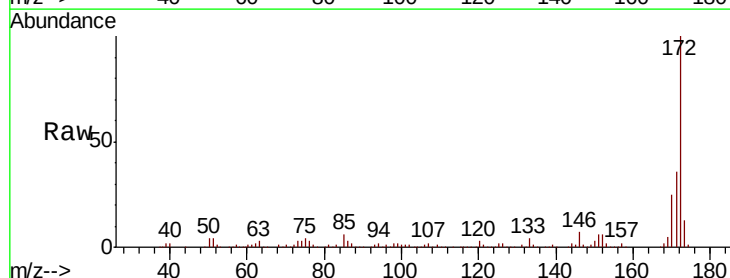
Tgt Ion:172 Resp: 323469

Ion Ratio Lower Upper

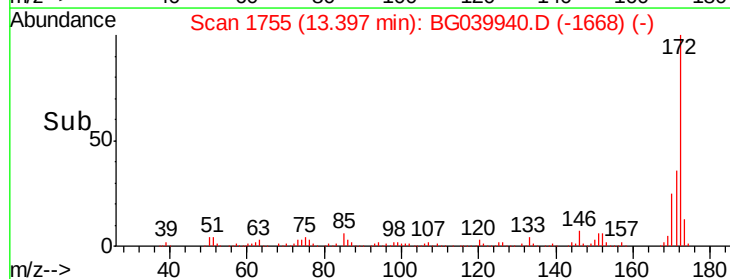
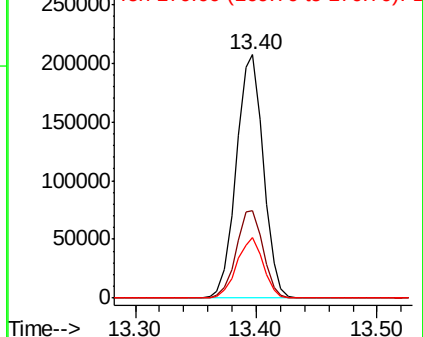
172 100

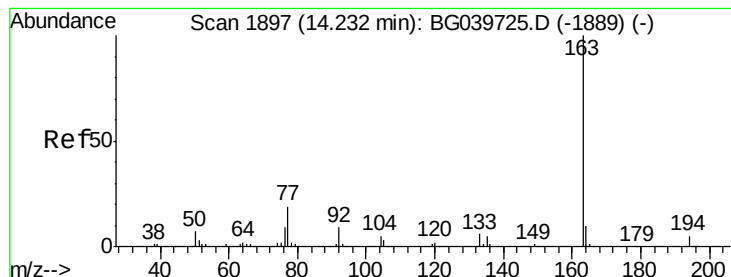
171 36.1 30.8 46.2

170 25.0 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





#50

Dimethylphthalate

Concen: 2.720 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

Instrument :

BNA_G

ClientSampleId :

SUMP-MUCK

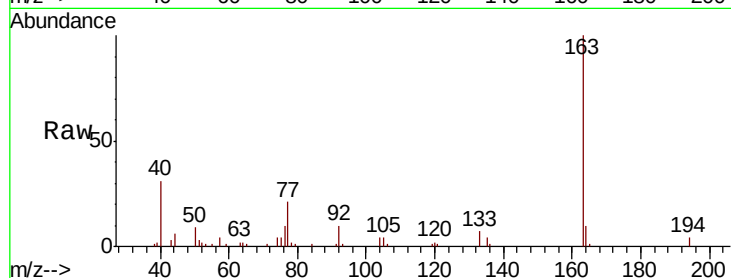
Tot Ion:163 Resp: 25805

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

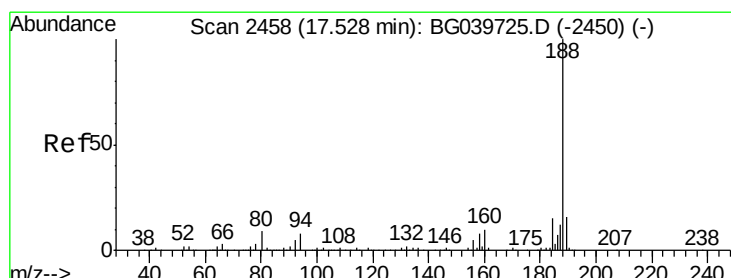
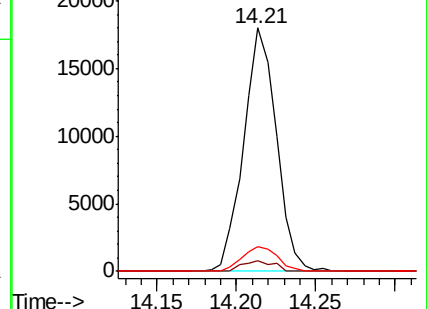
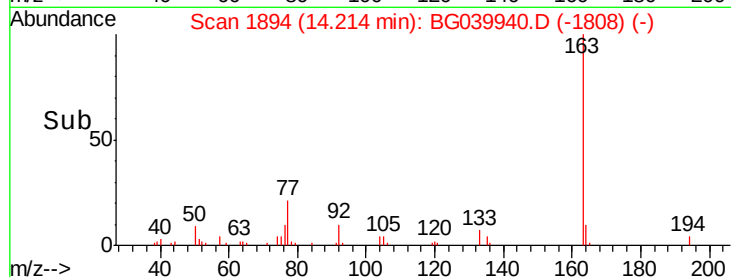
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039940.D

Acq: 15 Mar 2019 14:12

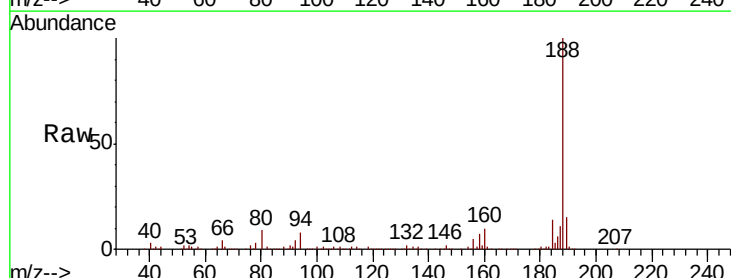
Tgt Ion:188 Resp: 271131

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

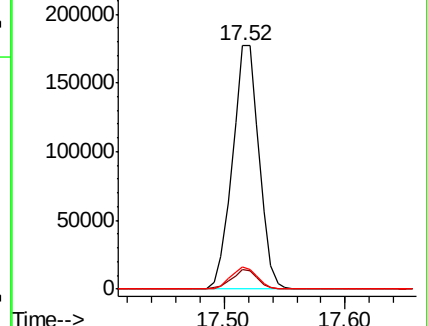
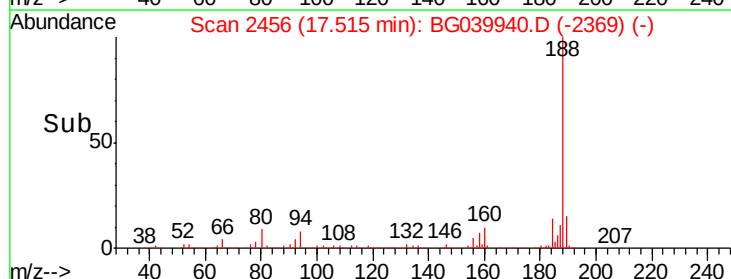
80 8.9 8.1 12.1

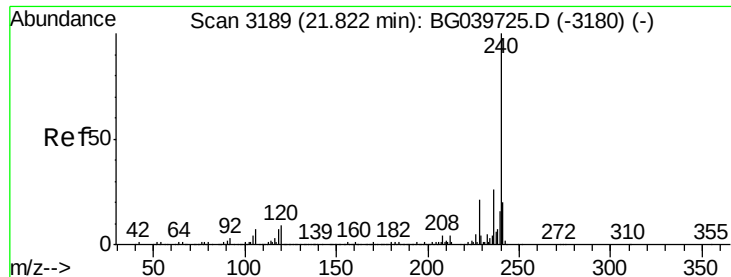


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

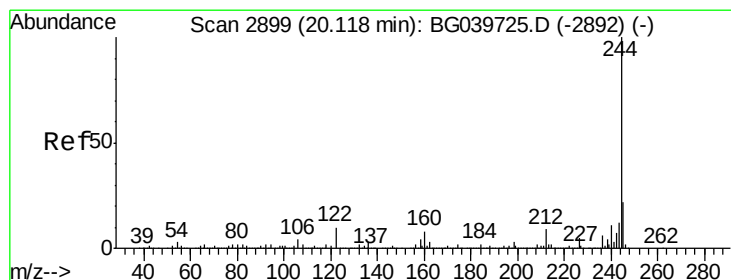
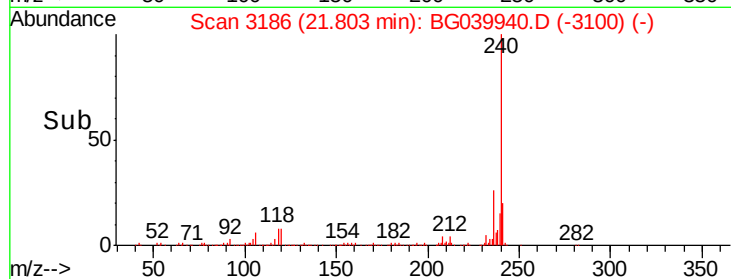
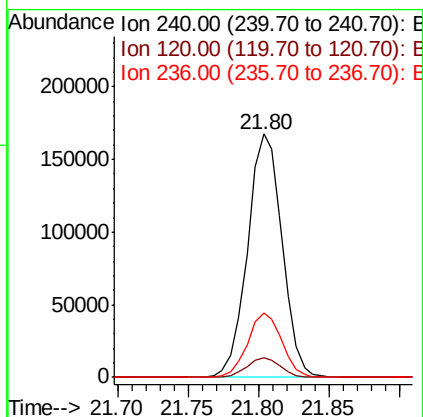
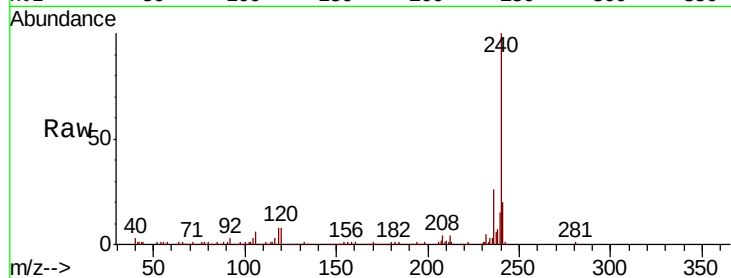




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039940.D
Acq: 15 Mar 2019 14:12

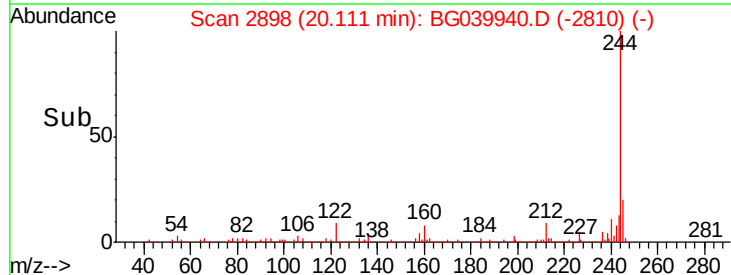
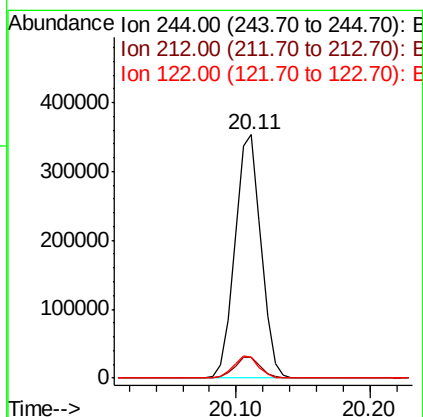
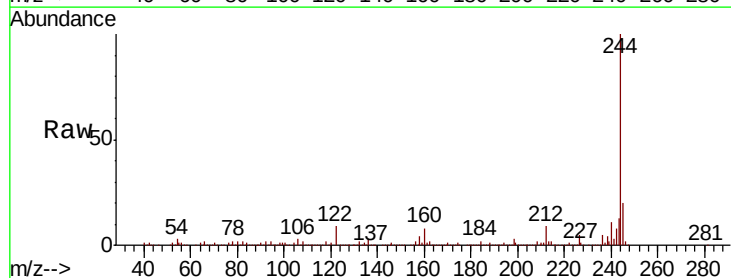
Instrument :
BNA_G
ClientSampleId :
SUMP-MUCK

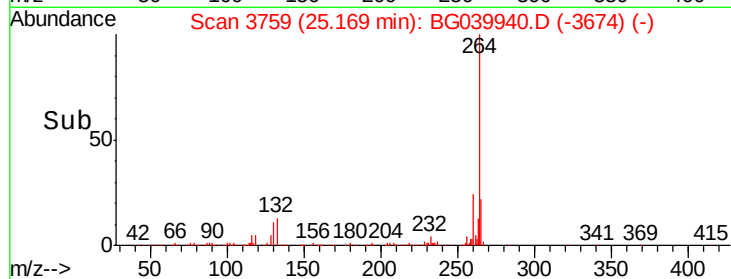
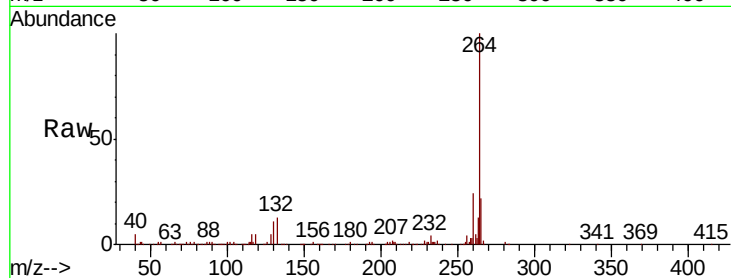
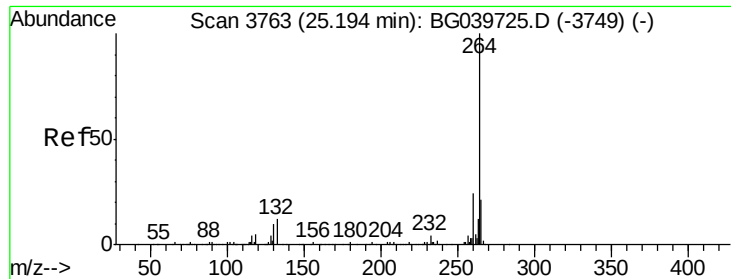
Tot Ion:240 Resp: 287633
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 36.650 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039940.D
Acq: 15 Mar 2019 14:12

Tgt Ion:244 Resp: 478771
Ion Ratio Lower Upper
244 100
212 8.6 7.3 10.9
122 8.5 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039940.D
Acq: 15 Mar 2019 14:12

Instrument :
BNA_G
ClientSampleId :
SUMP-MUCK

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	22.2	18.5	27.7

