

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039330.D
 Acq On : 30 Jan 2019 16:32
 Operator : JU/SJ
 Sample : K1277-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-1-2

Quant Time: Jan 30 17:36:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

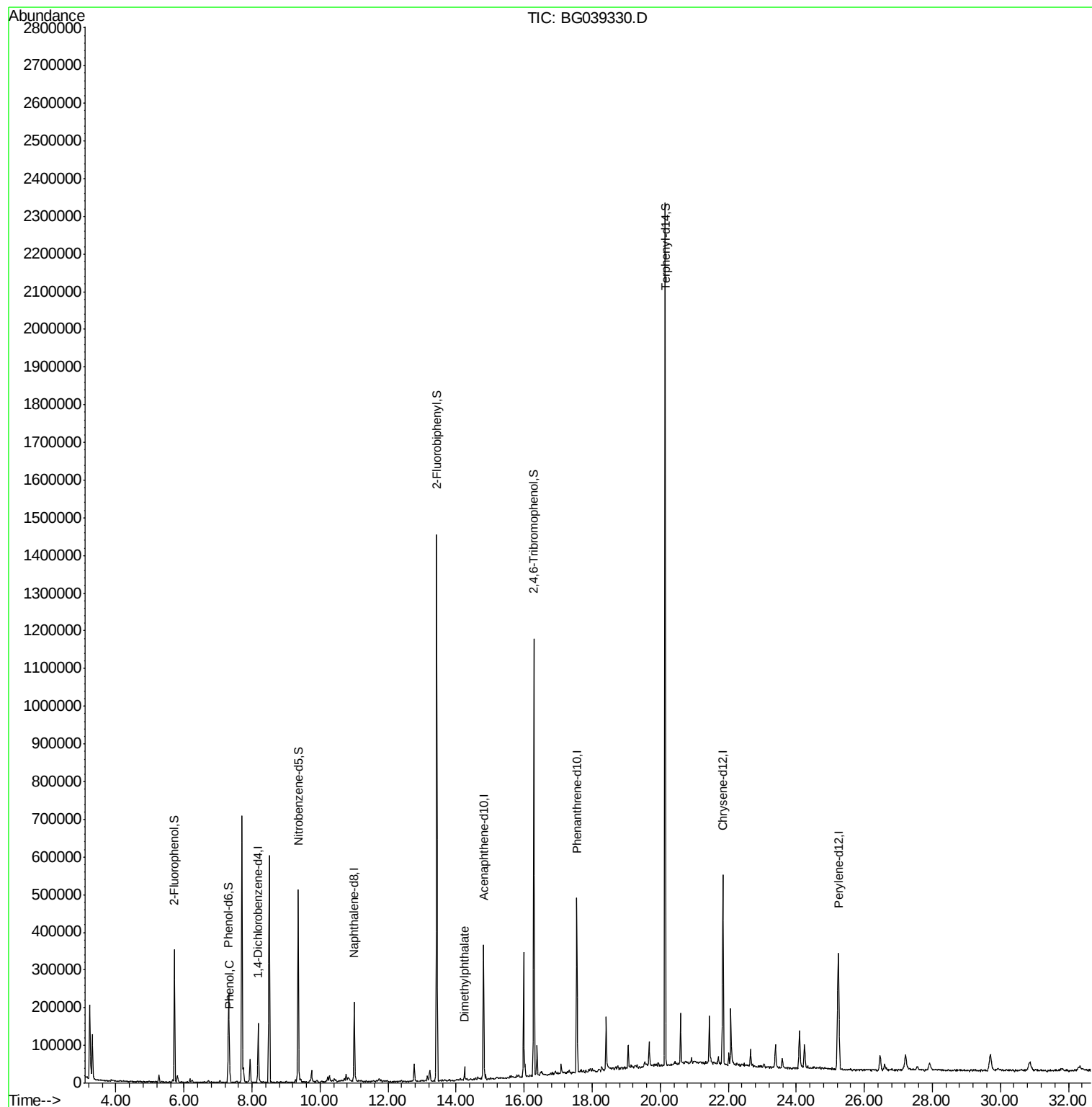
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	42268	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	177931	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	118574	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	278372	20.00	ng	0.00
76) Chrysene-d12	21.84	240	301283	20.00	ng	0.00
87) Perylene-d12	25.23	264	317199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	147161	59.59	ng	0.00
7) Phenol-d6	7.31	99	130347	35.86	ng	0.00
23) Nitrobenzene-d5	9.36	82	291240	102.25	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	178746	139.99	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	716294	86.66	ng	0.00
79) Terphenyl-d14	20.15	244	1035477	72.75	ng	0.00
Target Compounds						
10) Phenol	7.34	94	25618	6.760	ng	94
50) Dimethylphthalate	14.25	163	21118	2.205	ng	# 98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Quant Time: Jan 30 17:36:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



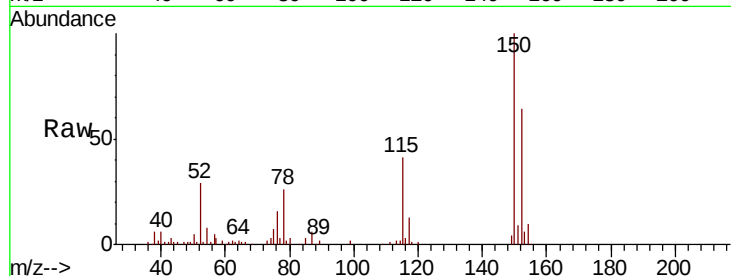


#1

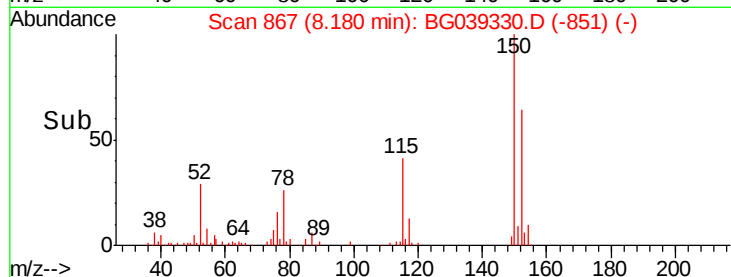
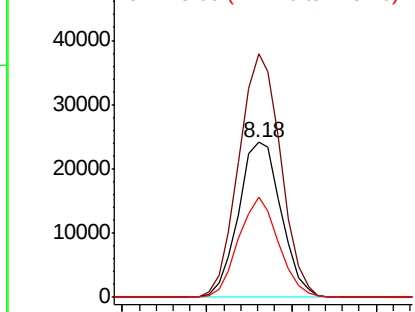
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tot Ion:152 Resp: 42268
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 64.8 45.9 68.9



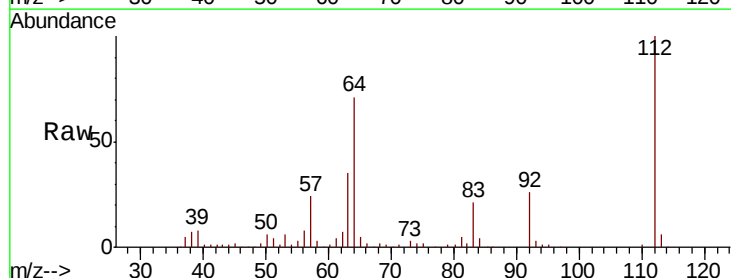
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



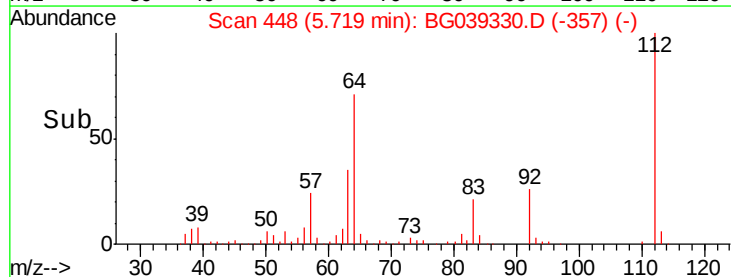
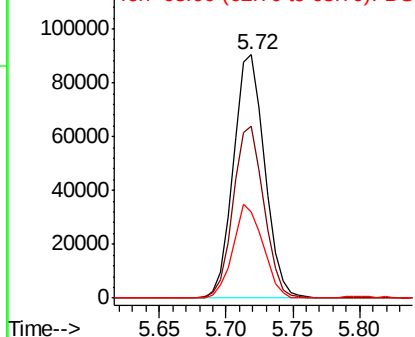
#5

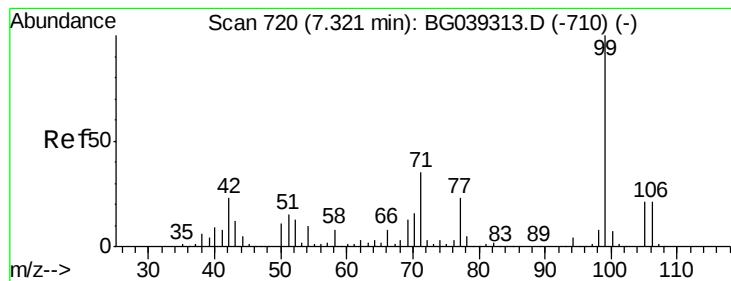
2-Fluorophenol
Concen: 59.588 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion:112 Resp: 147161
Ion Ratio Lower Upper
112 100
64 70.7 57.8 86.8
63 35.4 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: 35.857 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039330.D

Acq: 30 Jan 2019 16:32

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-1-2

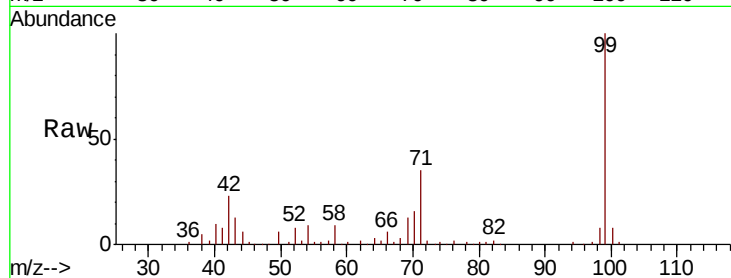
Tot Ion: 99 Resp: 130347

Ion Ratio Lower Upper

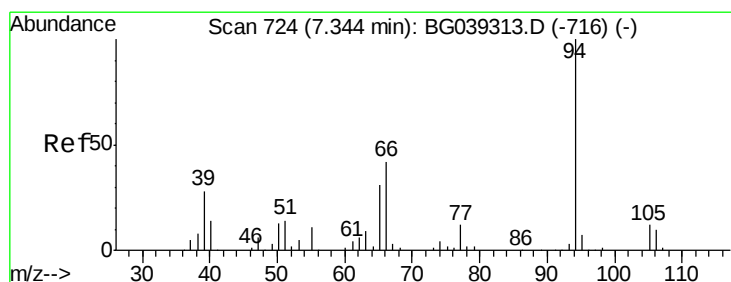
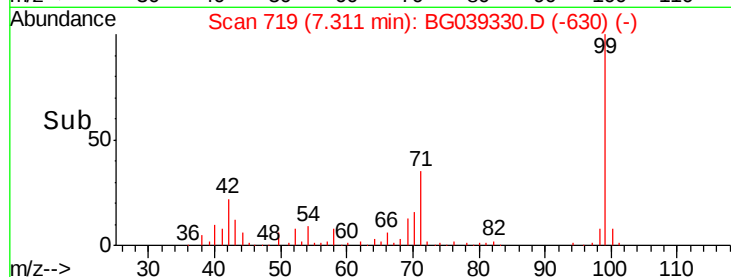
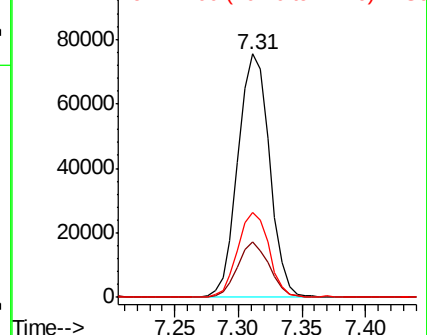
99 100

42 22.6 18.2 27.2

71 35.0 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



#10

Phenol

Concen: 6.760 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039330.D

Acq: 30 Jan 2019 16:32

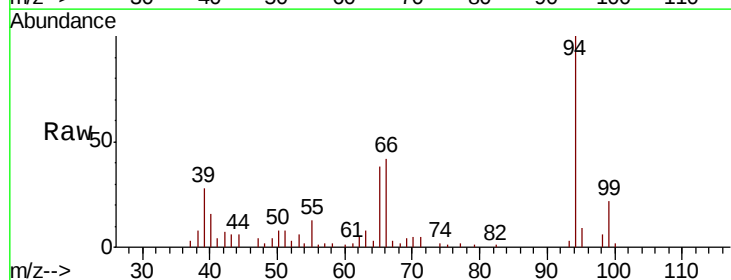
Tgt Ion: 94 Resp: 25618

Ion Ratio Lower Upper

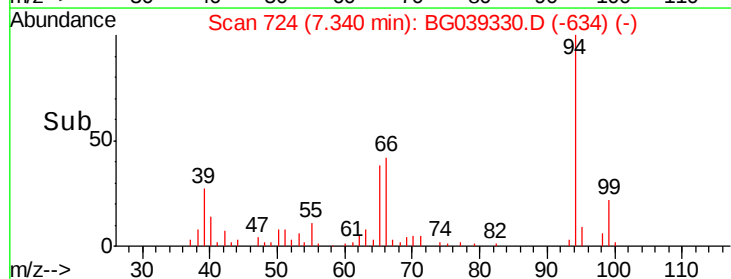
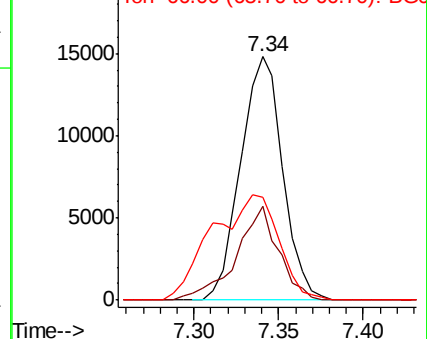
94 100

65 38.3 11.7 51.7

66 42.1 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

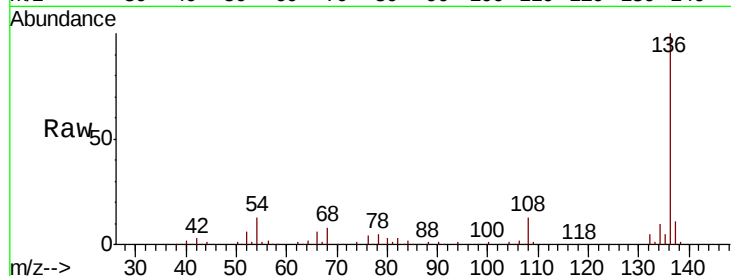




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	13.3	9.4	14.2
68	8.1	4.2	6.4



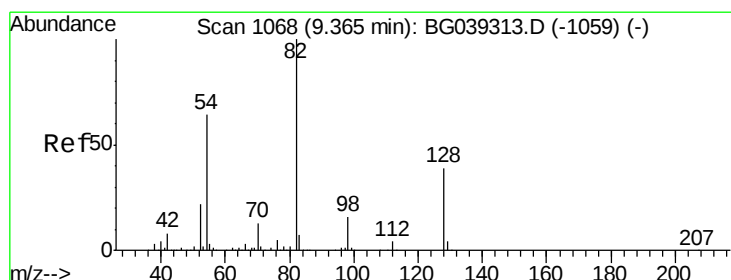
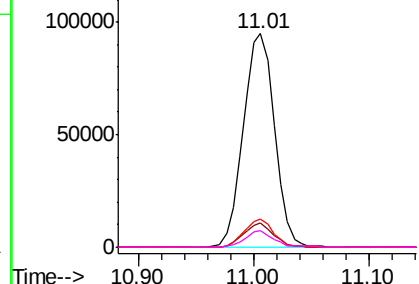
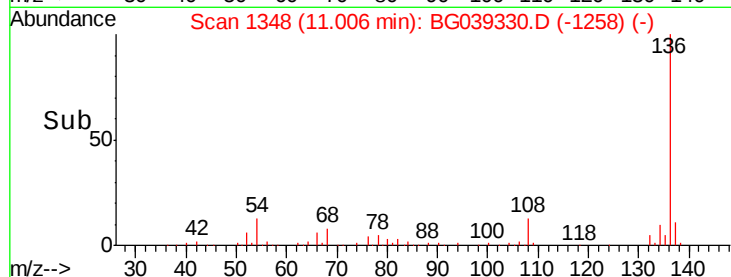
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

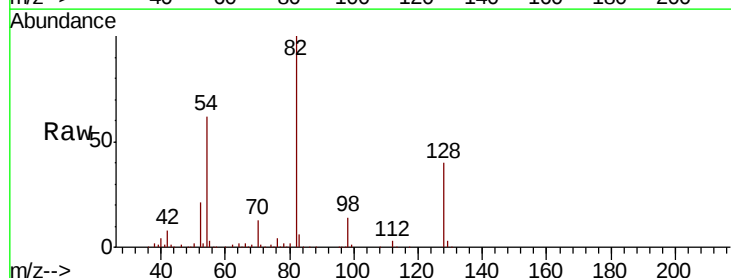
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 102.254 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	61.6	50.9	76.3

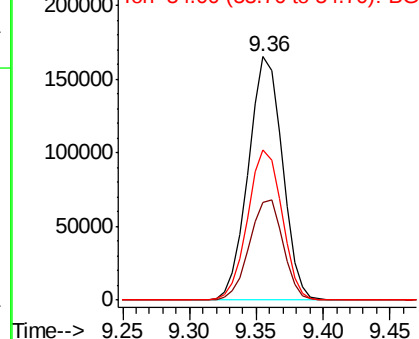
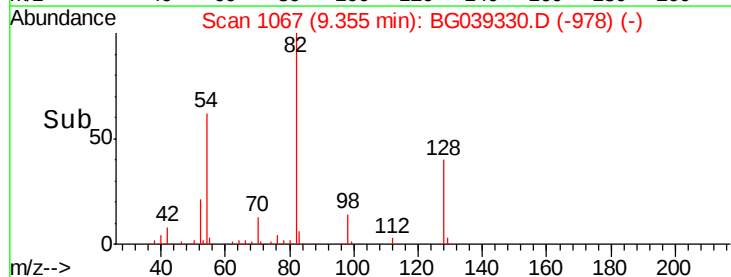


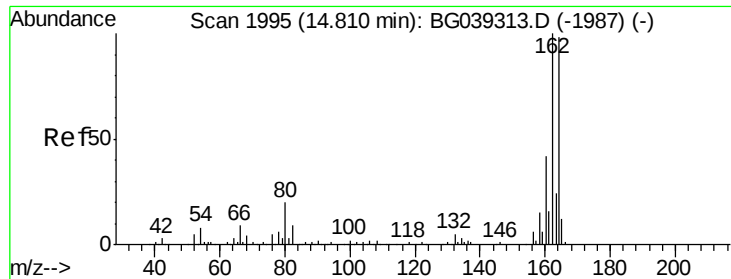
Abundance

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: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039330.D

Acq: 30 Jan 2019 16:32

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-1-2

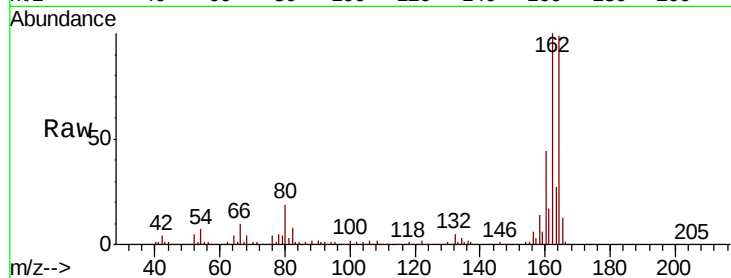
Tot Ion:164 Resp: 118574

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

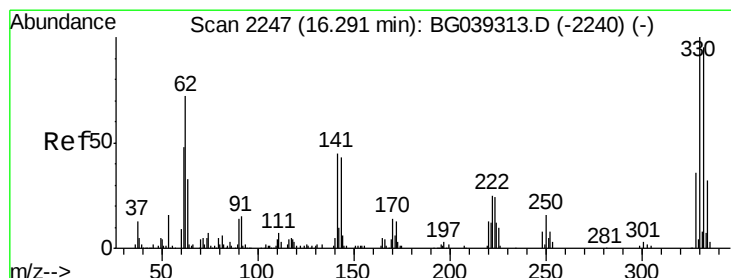
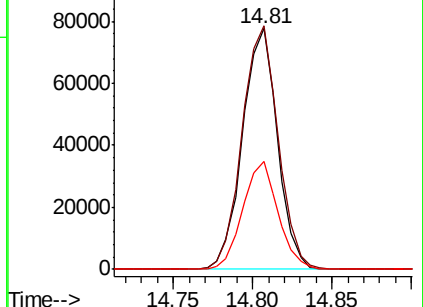
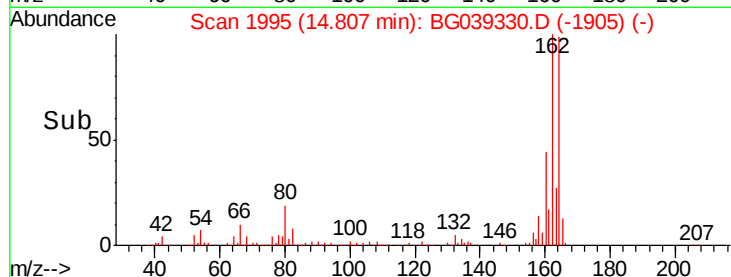
160 44.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 139.991 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039330.D

Acq: 30 Jan 2019 16:32

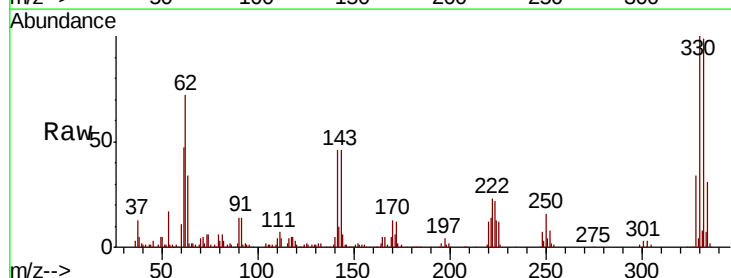
Tgt Ion:330 Resp: 178746

Ion Ratio Lower Upper

330 100

332 98.1 75.7 113.5

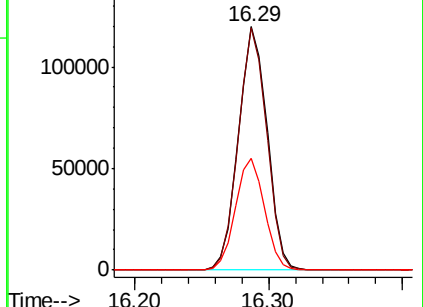
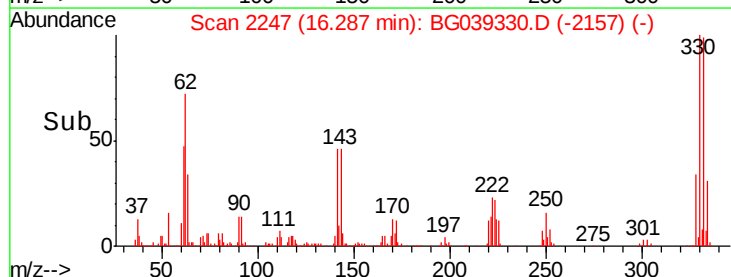
141 46.4 35.6 53.4



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

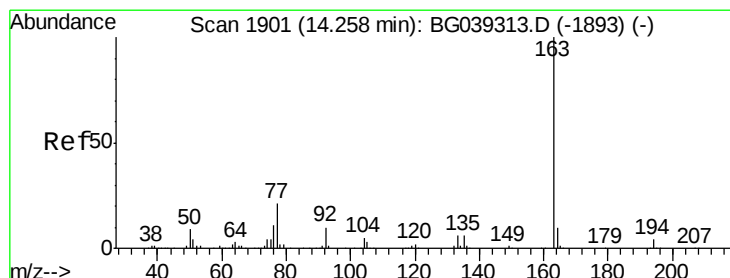
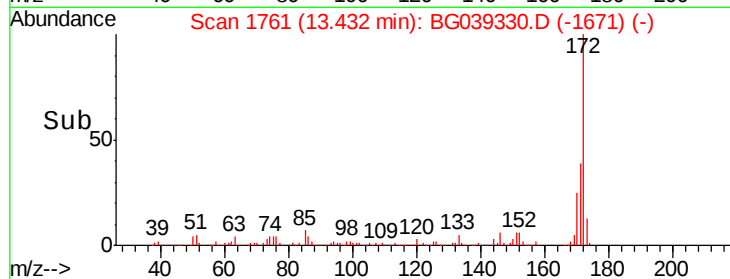
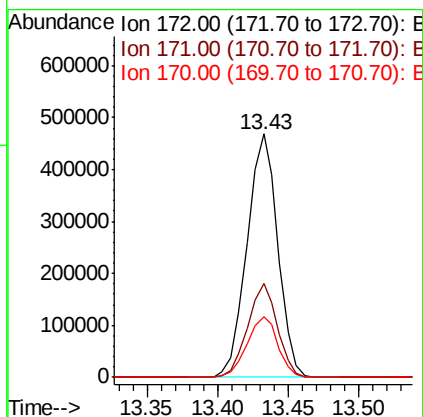
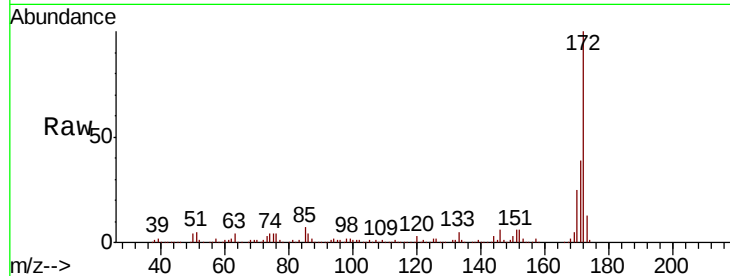




#45
2-Fluorobiphenyl
Concen: 86.660 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

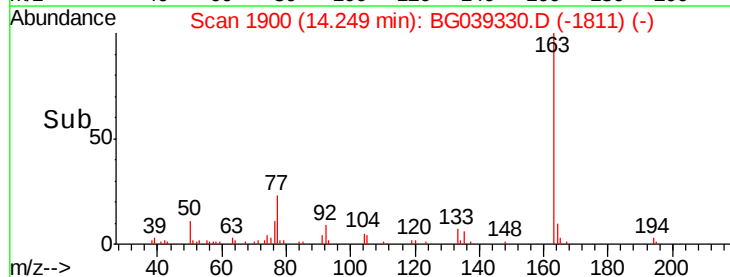
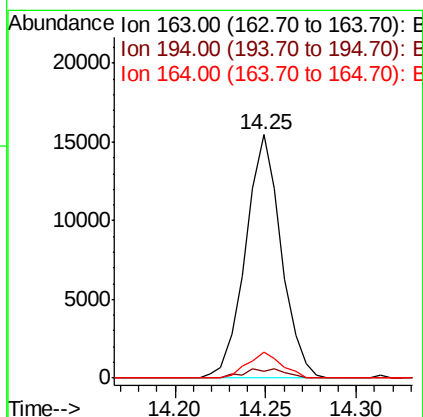
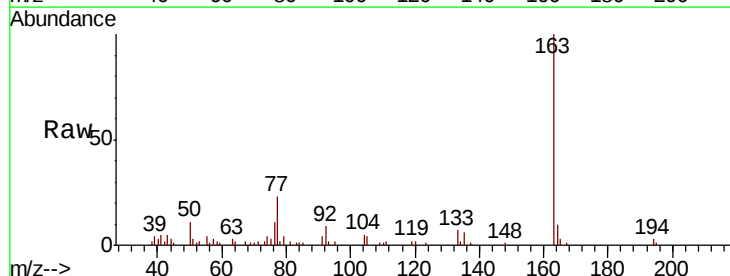
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

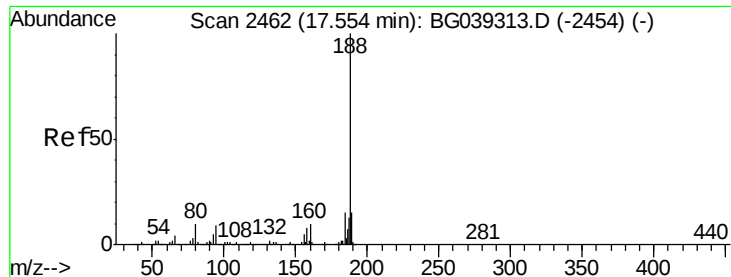
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	24.8	20.2	30.4



#50
Dimethylphthalate
Concen: 2.205 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	3.6	5.4#
164	10.4	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039330.D

Acq: 30 Jan 2019 16:32

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-1-2

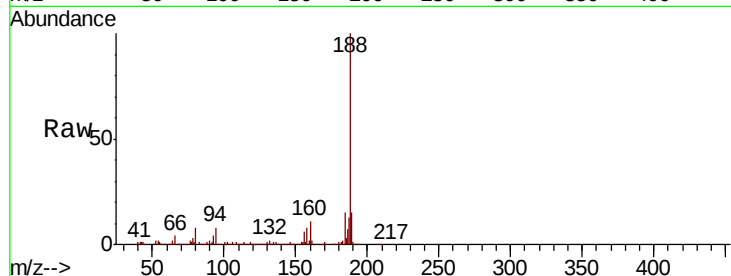
Tot Ion:188 Resp: 278372

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

80 8.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

250000

200000

150000

100000

50000

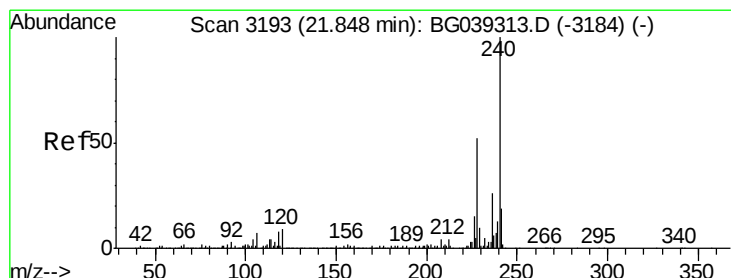
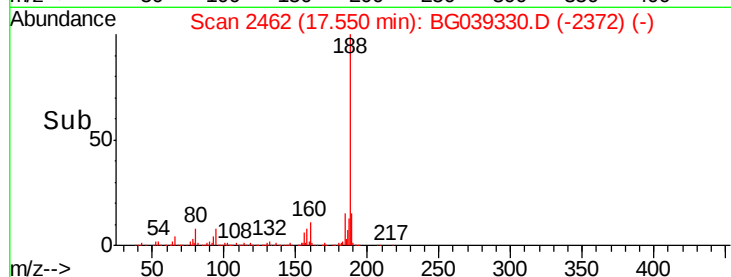
0

17.50

17.55

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039330.D

Acq: 30 Jan 2019 16:32

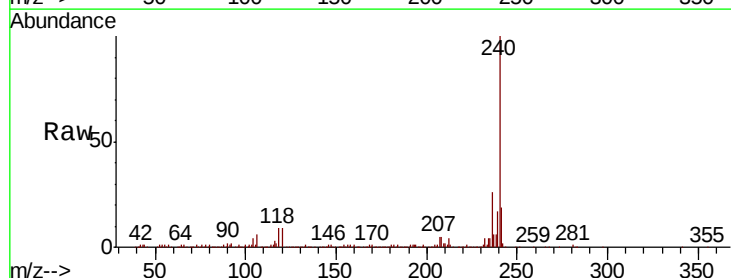
Tgt Ion:240 Resp: 301283

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 25.9 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

250000

200000

150000

100000

50000

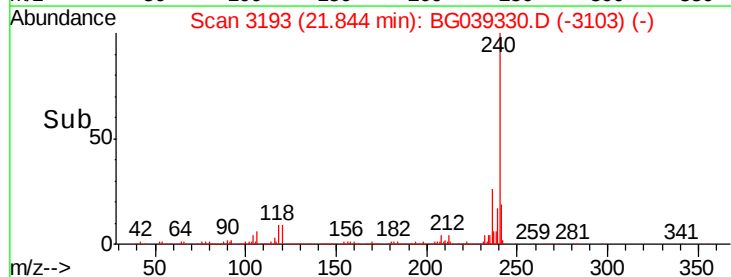
0

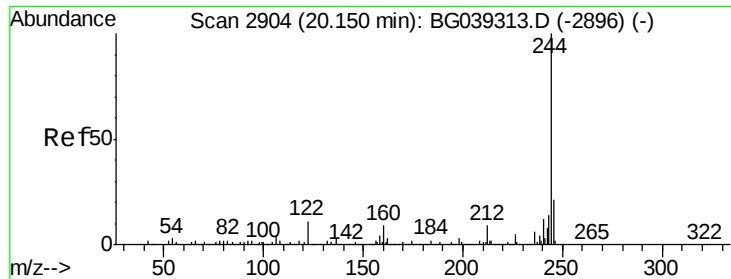
21.80

21.84

21.90

Time-->



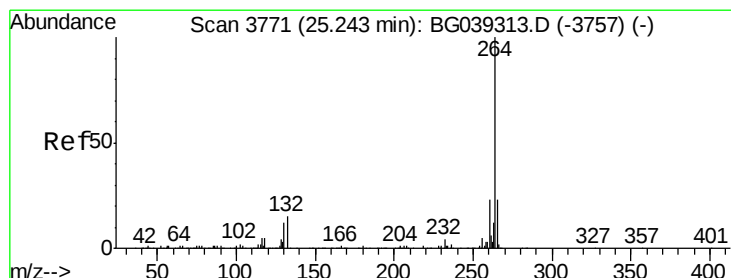
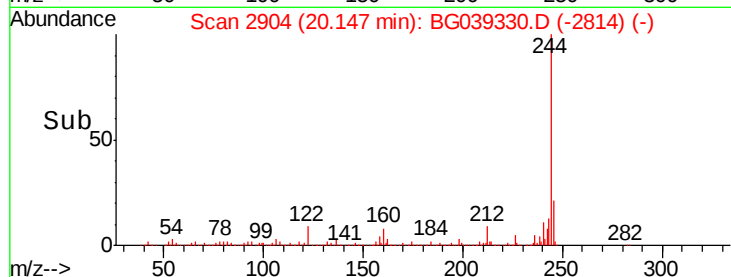
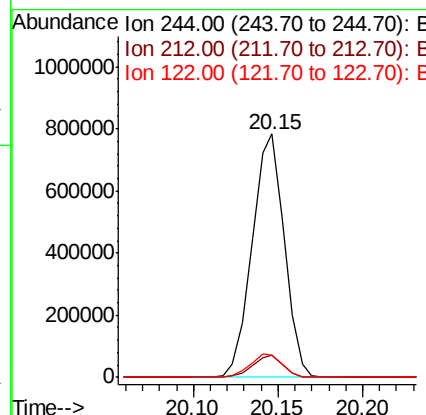
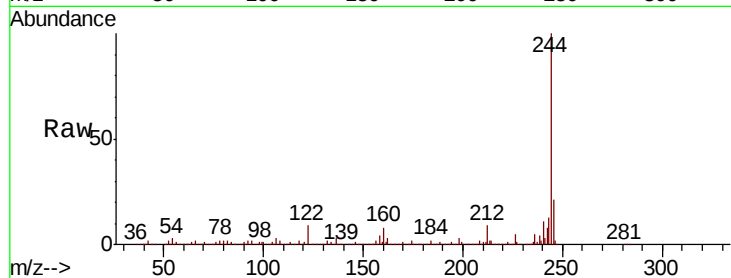


#79
 Terphenyl-d14
 Concen: 72.748 ng
 RT: 20.15 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: BG039330.D
 Acq: 30 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-1-2

Tot Ion:244 Resp: 1035477

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.3	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.23 min Scan# 3770
 Delta R.T. -0.01 min
 Lab File: BG039330.D
 Acq: 30 Jan 2019 16:32

Tgt Ion:264 Resp: 317199

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.1	18.5	27.7

