

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039776.D
 Acq On : 5 Mar 2019 22:44
 Operator : JU/SJ
 Sample : K1726-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN001

Quant Time: Mar 06 01:10:13 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

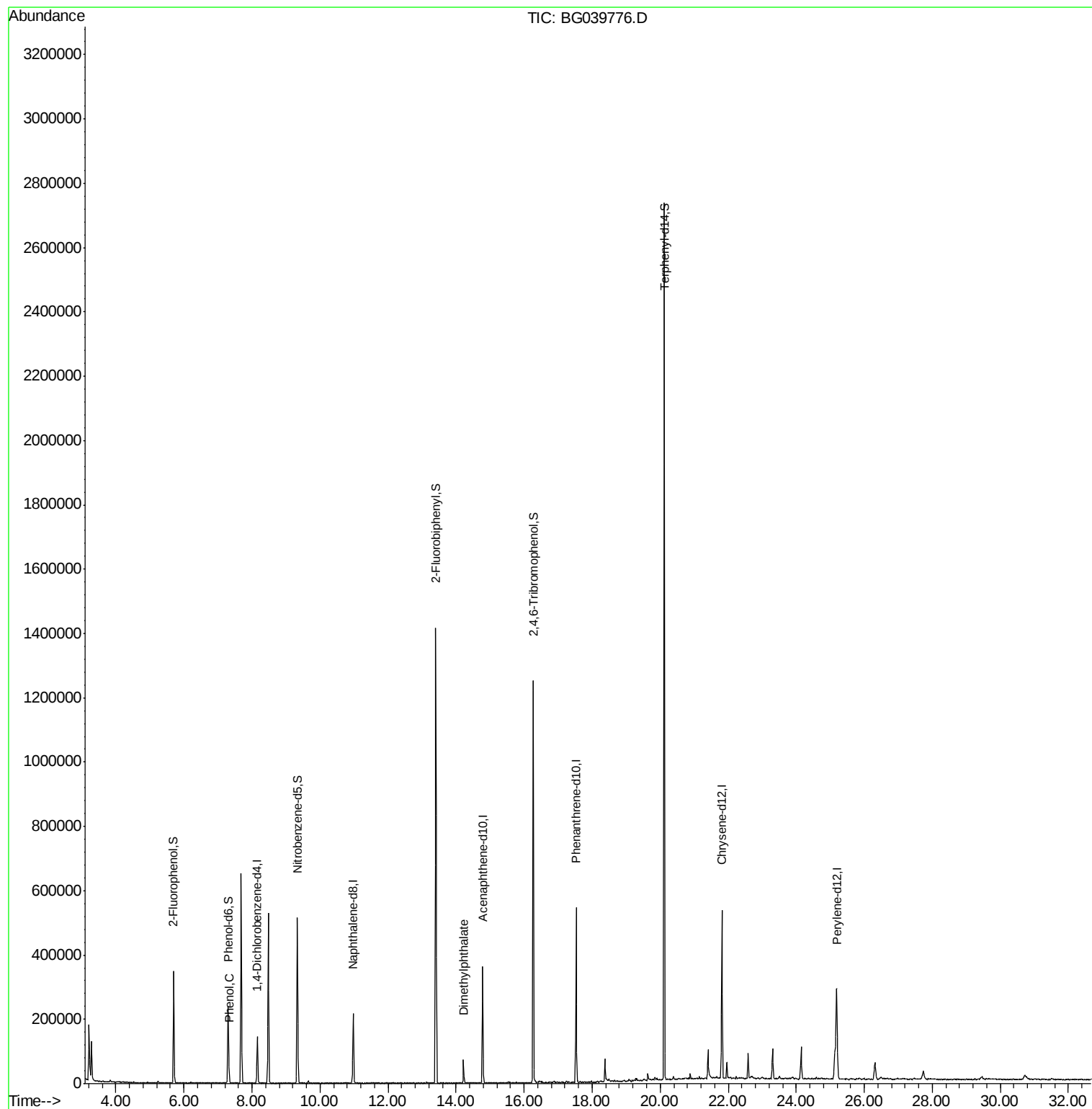
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40484	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	182565	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130356	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	324276	20.00	ng	0.00
76) Chrysene-d12	21.82	240	322441	20.00	ng	-0.01
87) Perylene-d12	25.19	264	322526	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	145351	61.25	ng	-0.01
7) Phenol-d6	7.30	99	136441	38.56	ng	-0.01
23) Nitrobenzene-d5	9.33	82	305847	90.61	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	215566	141.88	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	749680	81.88	ng	-0.01
79) Terphenyl-d14	20.12	244	1251447	85.46	ng	0.00
Target Compounds						
10) Phenol	7.33	94	16285	4.248	ng	93
50) Dimethylphthalate	14.23	163	49337	4.526	ng	98

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

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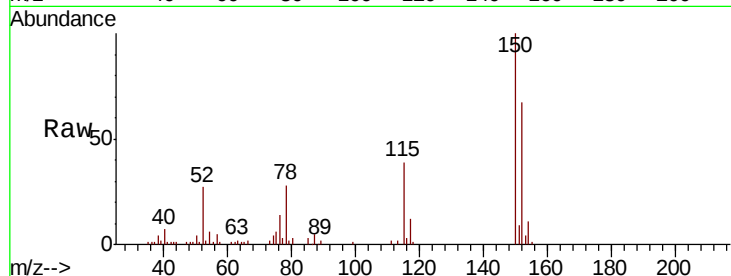


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039776.D
Acq: 5 Mar 2019 22:44

Instrument :
BNA_G
ClientSampleId :
DSN001

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	123.7	185.5
115	58.0	45.9	68.9

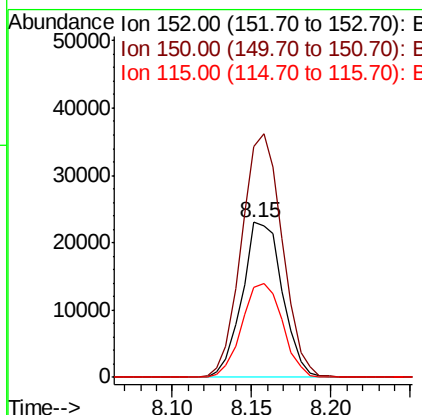
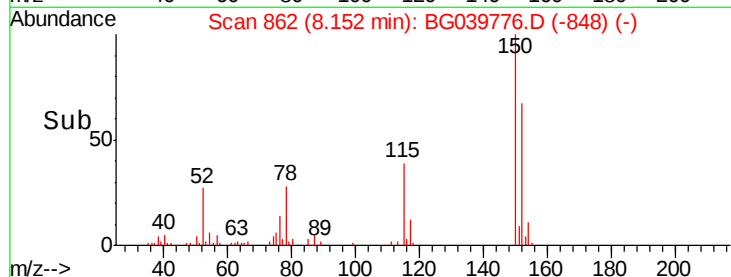


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

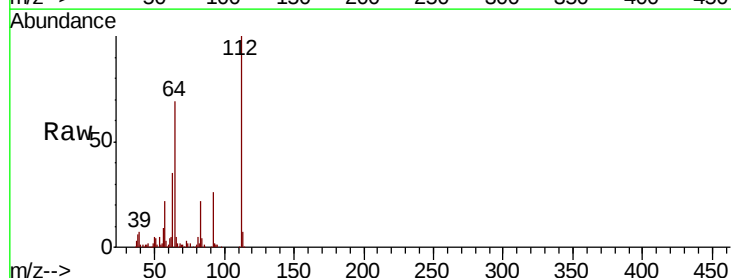
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.251 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039776.D
Acq: 5 Mar 2019 22:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.8	86.8
63	35.5	29.8	44.6

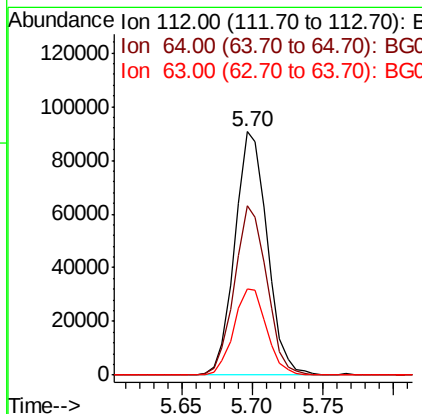
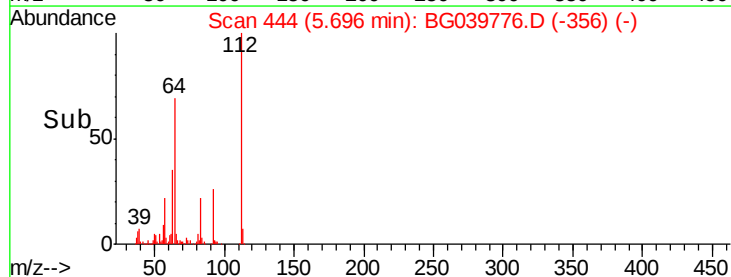


Abundance

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: 38.561 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039776.D

Acq: 5 Mar 2019 22:44

Instrument :

BNA_G

ClientSampleId :

DSN001

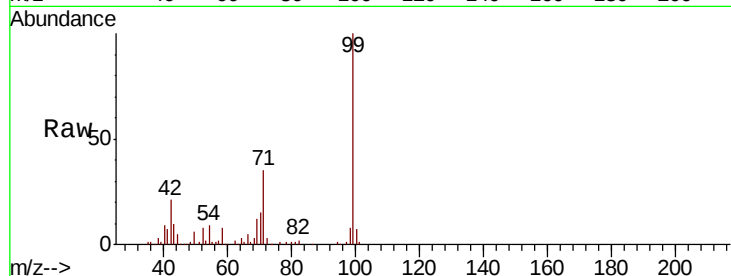
Tot Ion: 99 Resp: 136441

Ion Ratio Lower Upper

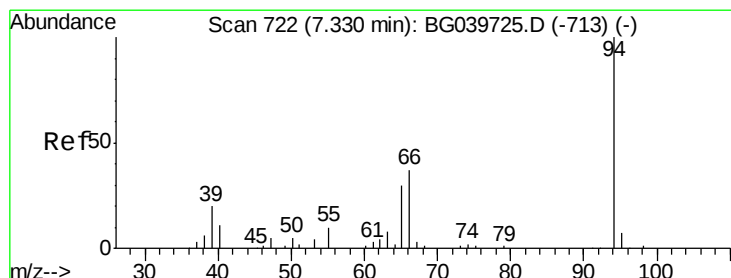
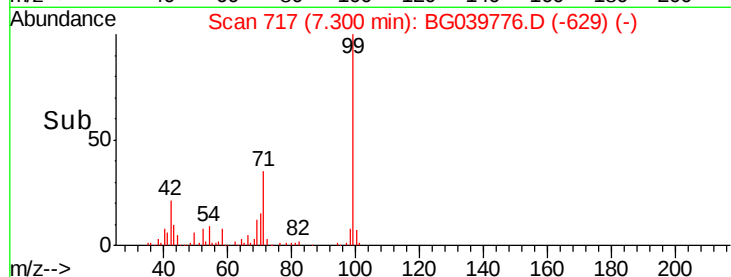
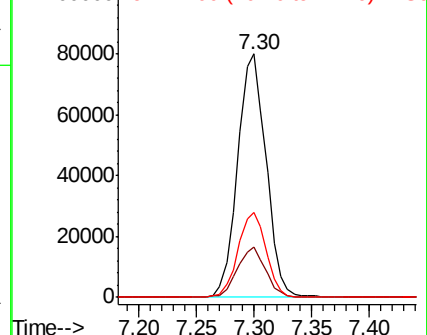
99 100

42 20.8 18.2 27.2

71 34.7 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



#10

Phenol

Concen: 4.248 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039776.D

Acq: 5 Mar 2019 22:44

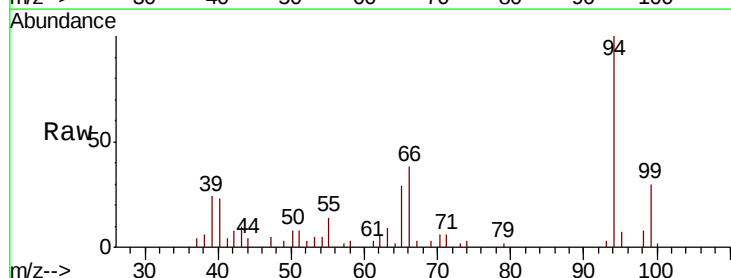
Tgt Ion: 94 Resp: 16285

Ion Ratio Lower Upper

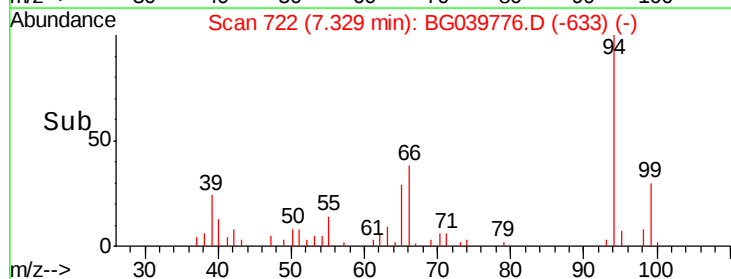
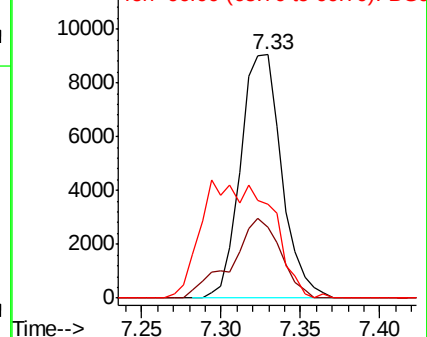
94 100

65 29.2 11.7 51.7

66 38.4 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

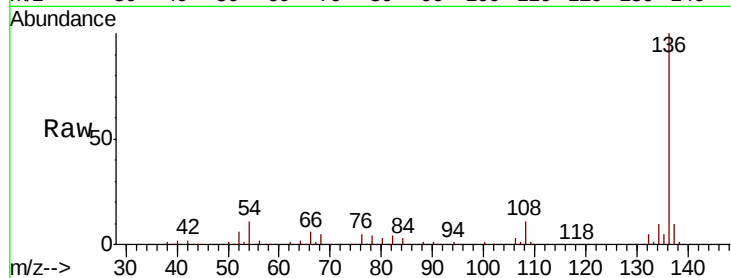




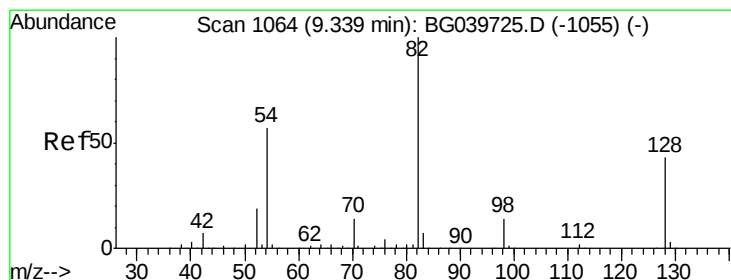
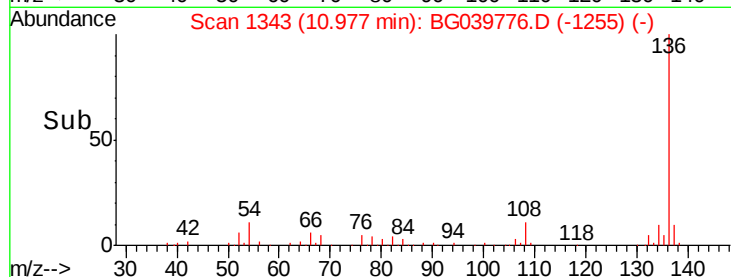
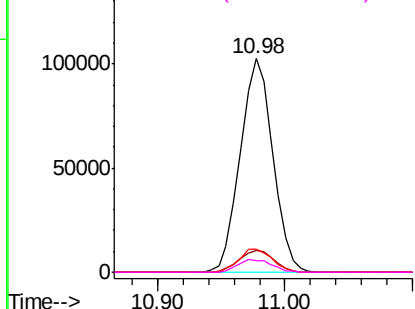
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039776.D
Acq: 5 Mar 2019 22:44

Instrument :
BNA_G
ClientSampleId :
DSN001

Tot Ion:136	Resp:	182565
Ion	Ratio	Lower Upper
136	100	
137	10.1	9.1 13.7
54	10.9	9.4 14.2
68	5.4	4.2 6.4

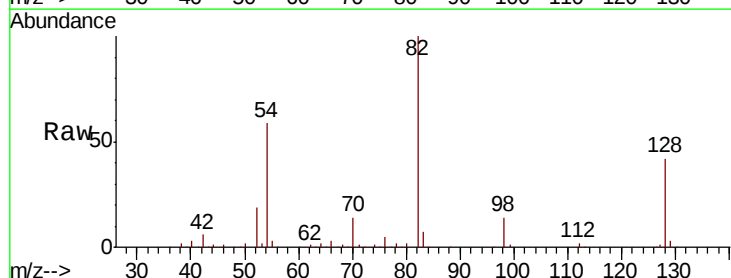


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

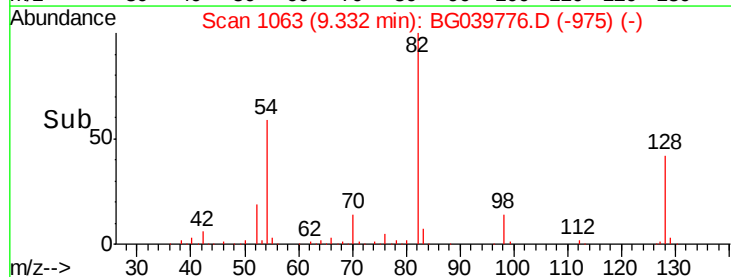
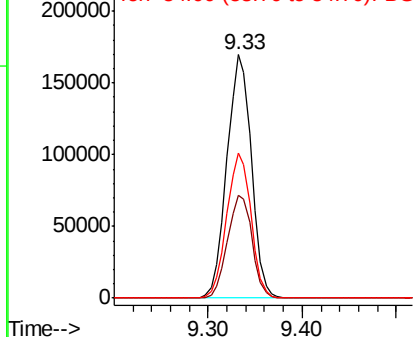


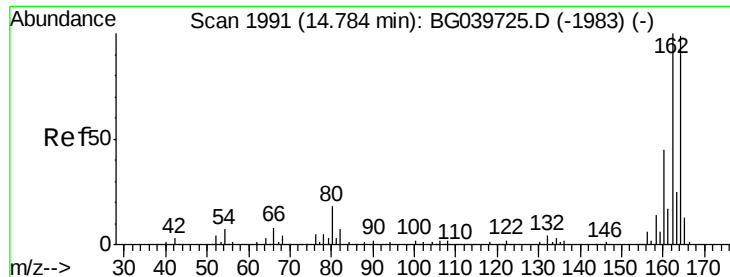
#23
Nitrobenzene-d5
Concen: 90.606 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039776.D
Acq: 5 Mar 2019 22:44

Tgt Ion: 82	Resp:	305847
Ion	Ratio	Lower Upper
82	100	
128	42.3	31.3 46.9
54	59.4	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039776.D

Acq: 5 Mar 2019 22:44

Instrument :

BNA_G

ClientSampleId :

DSN001

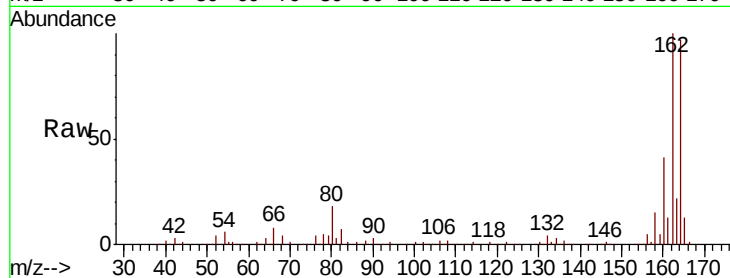
Tot Ion:164 Resp: 130356

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

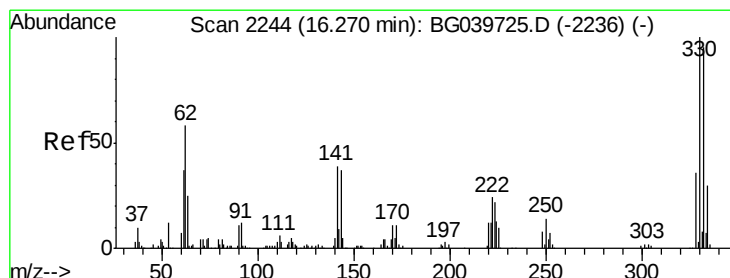
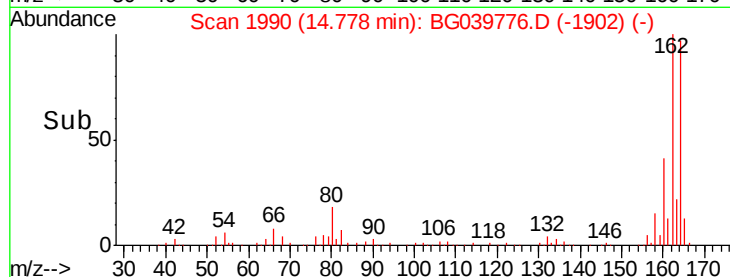
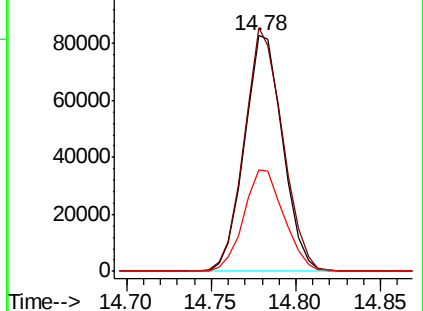
160 42.9 34.2 51.2



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: 141.876 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039776.D

Acq: 5 Mar 2019 22:44

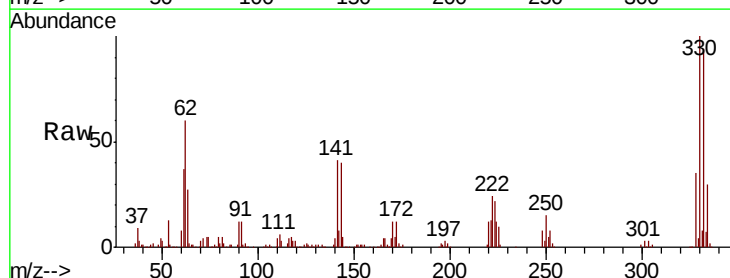
Tgt Ion:330 Resp: 215566

Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

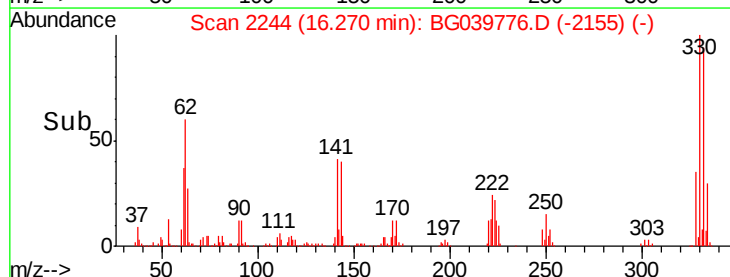
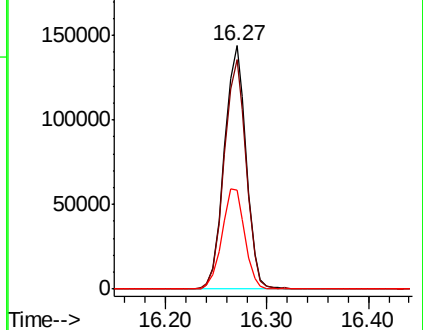
141 42.6 35.6 53.4



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

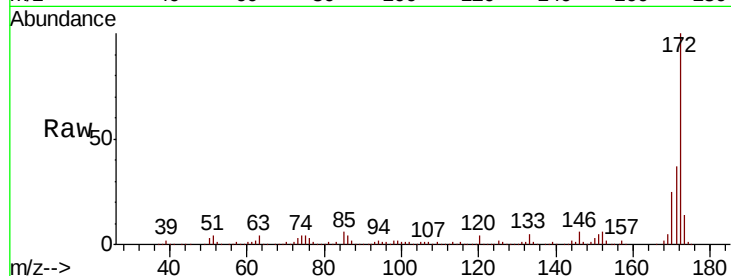




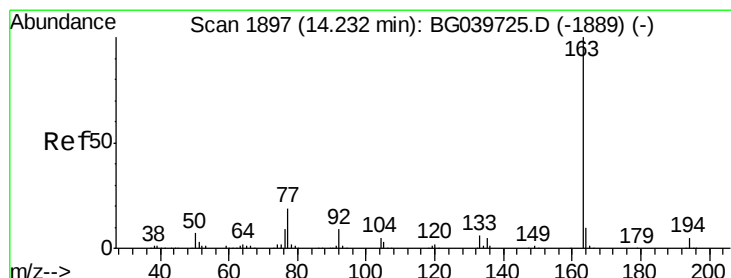
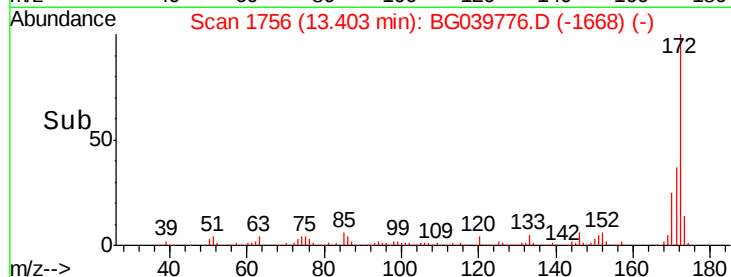
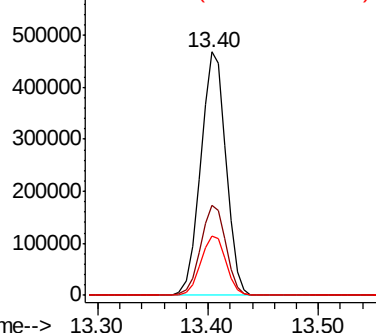
#45
 2-Fluorobiphenyl
 Concen: 81.885 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039776.D
 Acq: 5 Mar 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 DSN001

Tot Ion:172 Resp: 749680
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.5 20.2 30.4

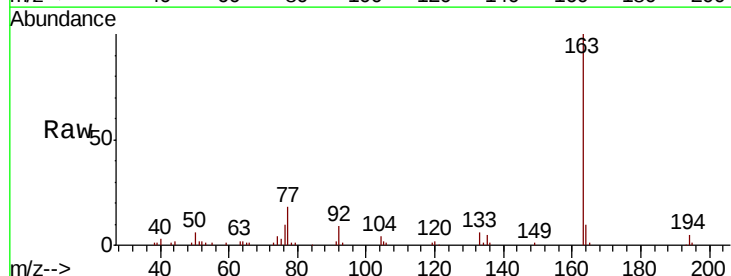


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

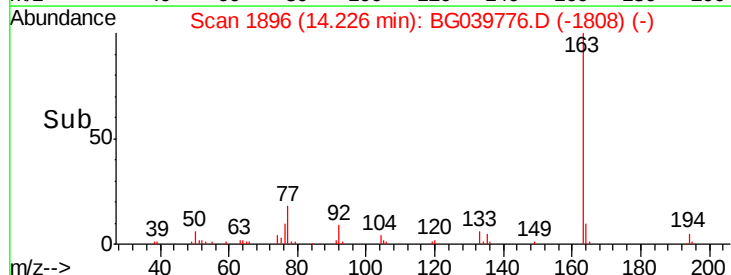
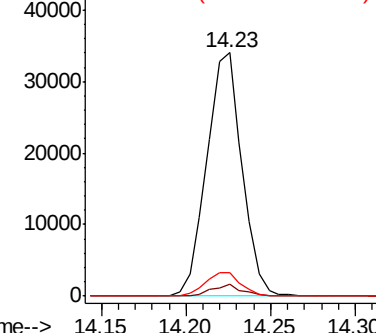


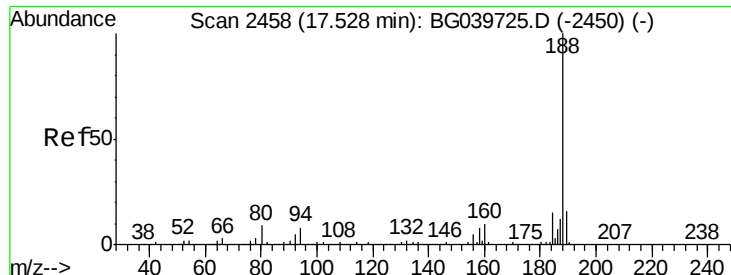
#50
 Dimethylphthalate
 Concen: 4.526 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG039776.D
 Acq: 5 Mar 2019 22:44

Tgt Ion:163 Resp: 49337
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.6 5.4
 164 9.6 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

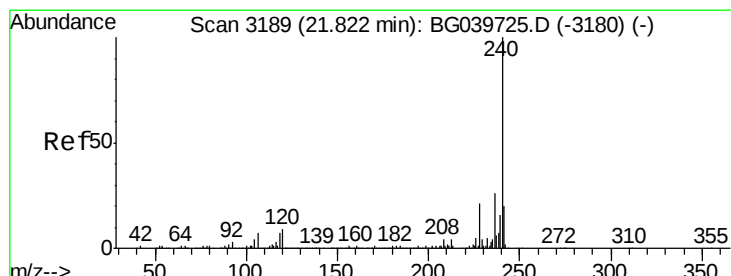
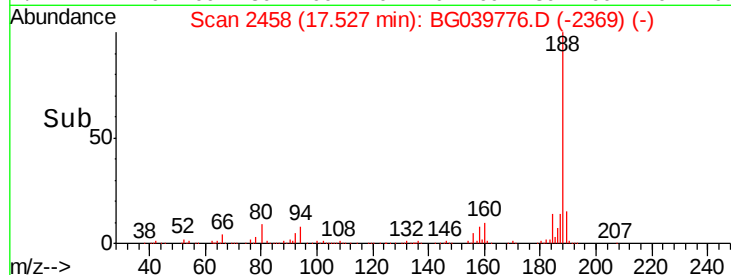
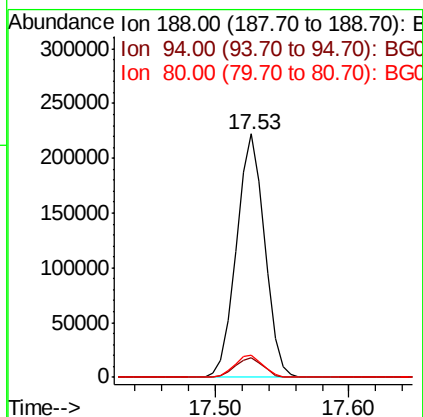
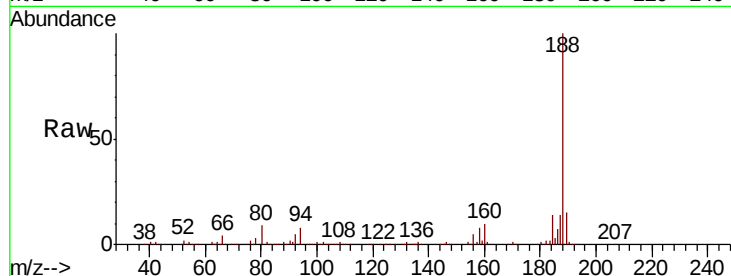




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039776.D
Acq: 5 Mar 2019 22:44

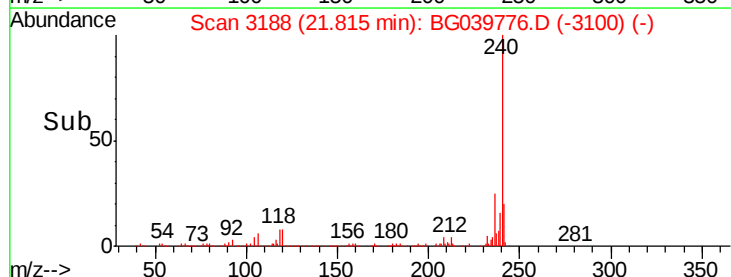
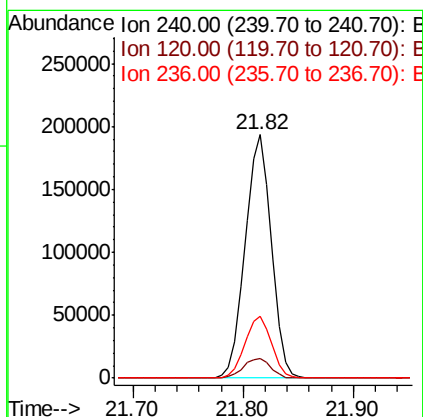
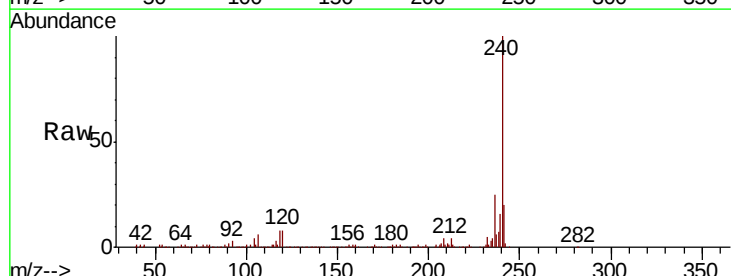
Instrument :
BNA_G
ClientSampleId :
DSN001

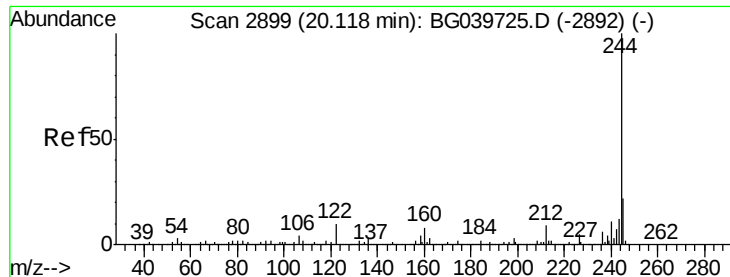
Tot Ion:188 Resp: 324276
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039776.D
Acq: 5 Mar 2019 22:44

Tgt Ion:240 Resp: 322441
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 85.456 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039776.D

Acq: 5 Mar 2019 22:44

Instrument :

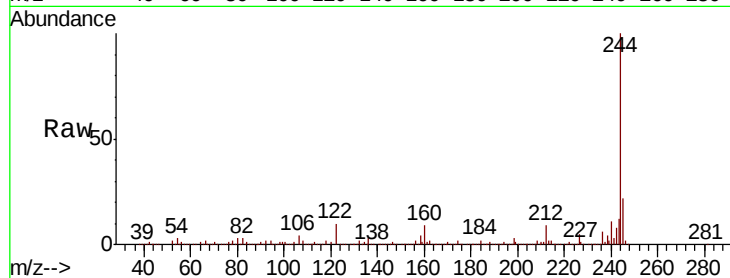
BNA_G

ClientSampleId :

DSN001

Tot Ion:244 Resp: 1251447

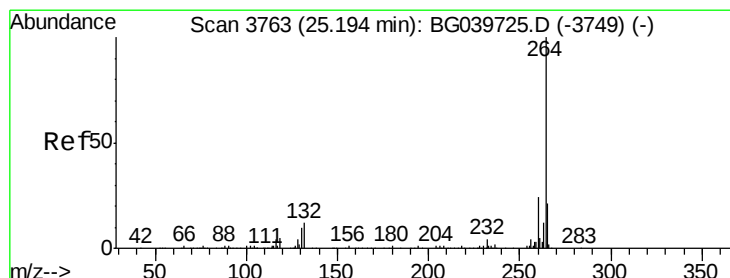
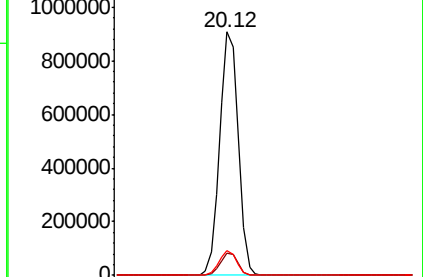
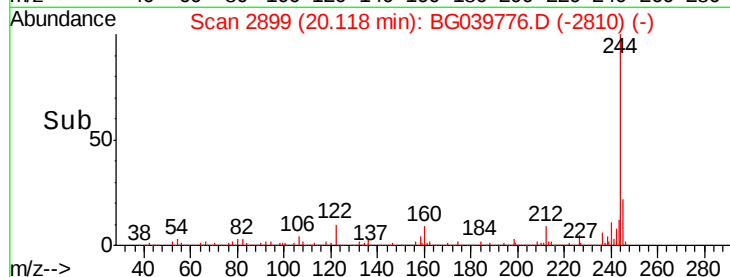
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	10.2	8.4	12.6



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: 25.19 min Scan# 3762

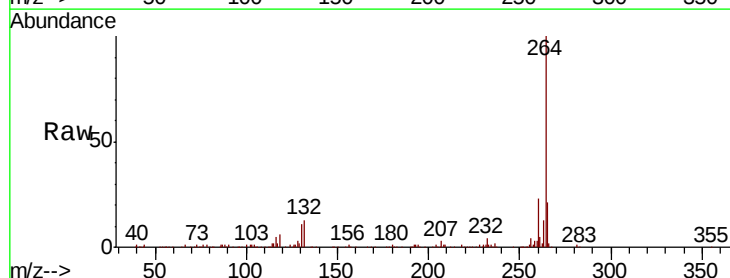
Delta R.T. -0.01 min

Lab File: BG039776.D

Acq: 5 Mar 2019 22:44

Tgt Ion:264 Resp: 322526

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.0	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

