

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039770.D
 Acq On : 5 Mar 2019 18:45
 Operator : JU/SJ
 Sample : K1727-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Mar 06 00:56:24 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

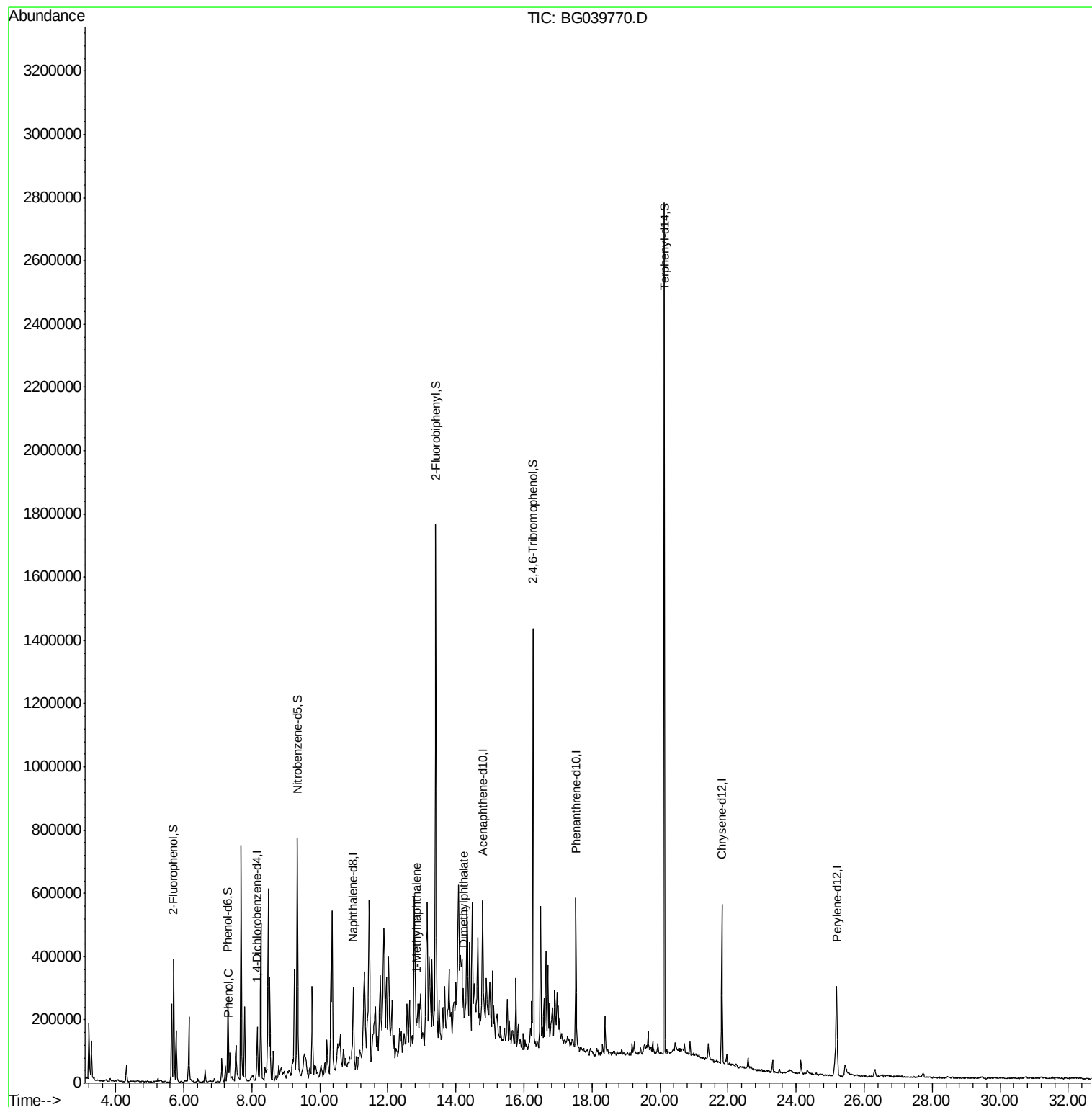
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44753	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	190129	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	139478	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	294302	20.00	ng	0.00
76) Chrysene-d12	21.82	240	311697	20.00	ng	0.00
87) Perylene-d12	25.19	264	321586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	162859	62.08	ng	0.00
7) Phenol-d6	7.30	99	151252	38.67	ng	-0.02
23) Nitrobenzene-d5	9.34	82	343090	97.60	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	227381	139.86	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	786817	80.32	ng	0.00
79) Terphenyl-d14	20.12	244	1203345	85.00	ng	0.00
Target Compounds						
10) Phenol	7.33	94	11417	2.694	ng	94
38) 1-Methylnaphthalene	12.84	142	24996	3.418	ng	# 90
50) Dimethylphthalate	14.22	163	33781	2.896	ng	# 94

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

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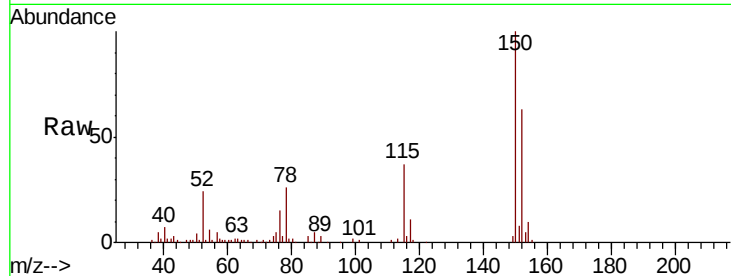


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039770.D
Acq: 5 Mar 2019 18:45

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.7	185.5
115	58.7	45.9	68.9

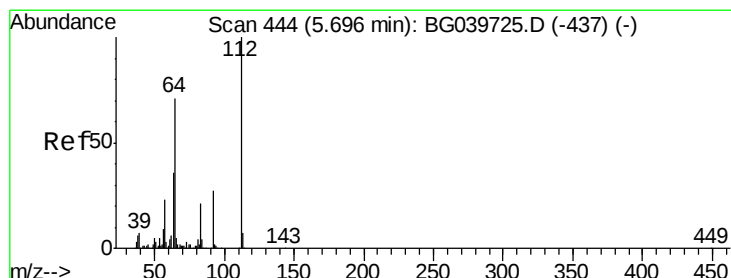
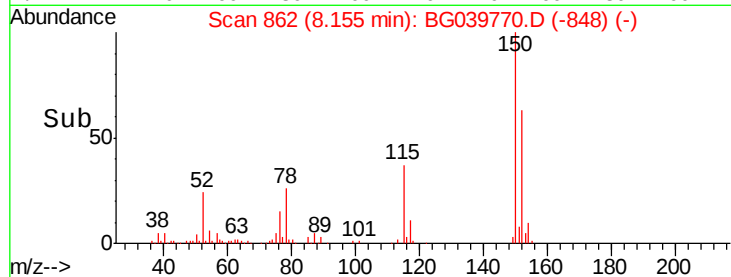
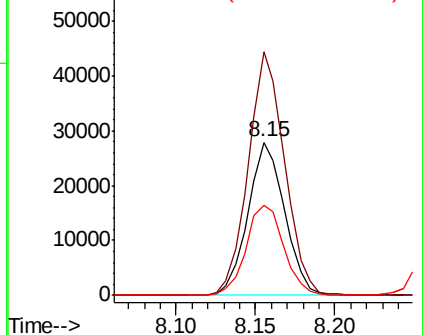


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

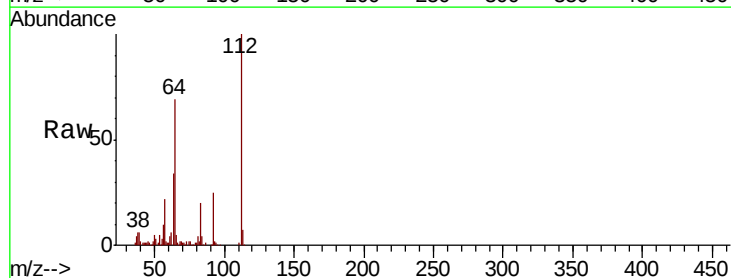
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.083 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039770.D
Acq: 5 Mar 2019 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	33.7	29.8	44.6

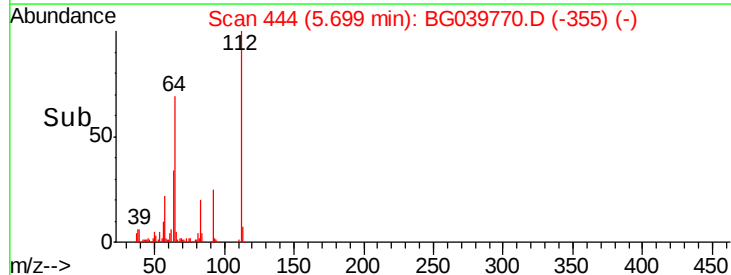
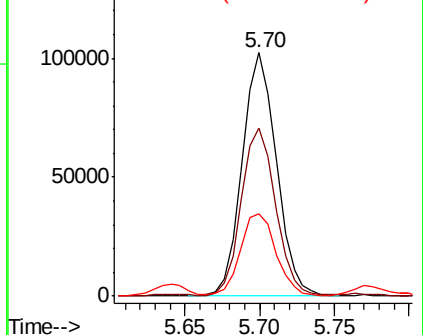


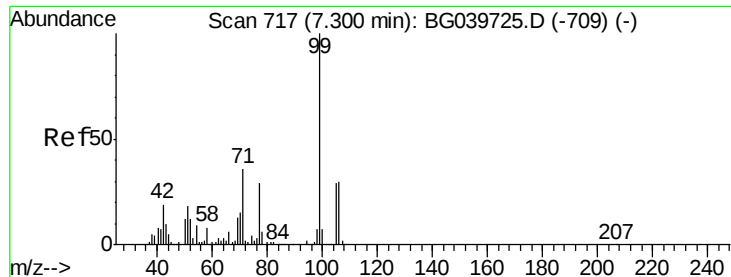
Abundance

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: 38.669 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039770.D

Acq: 5 Mar 2019 18:45

Instrument :

BNA_G

ClientSampled :

TW-1

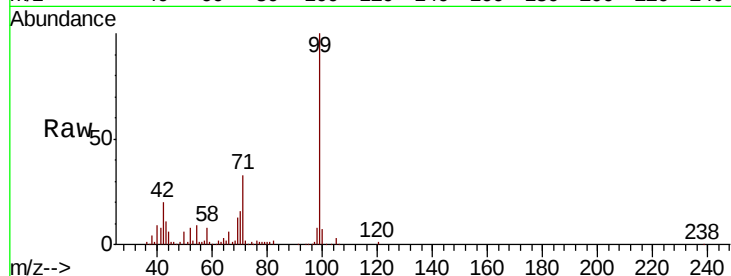
Tot Ion: 99 Resp: 151252

Ion Ratio Lower Upper

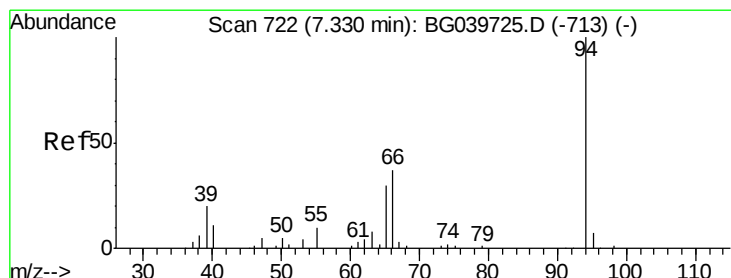
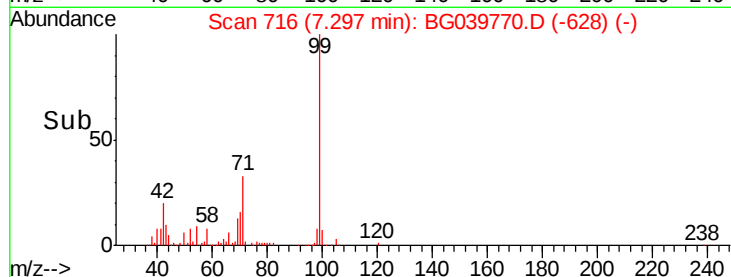
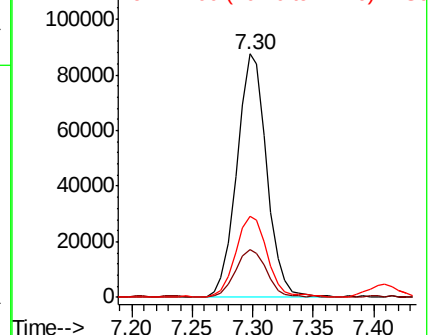
99 100

42 19.8 18.2 27.2

71 33.5 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: 2.694 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039770.D

Acq: 5 Mar 2019 18:45

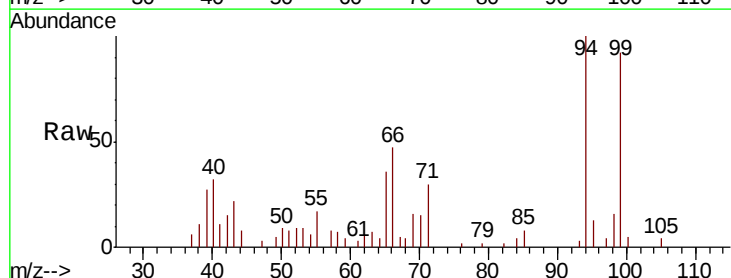
Tgt Ion: 94 Resp: 11417

Ion Ratio Lower Upper

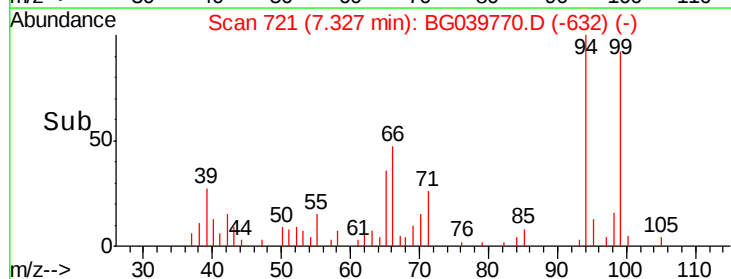
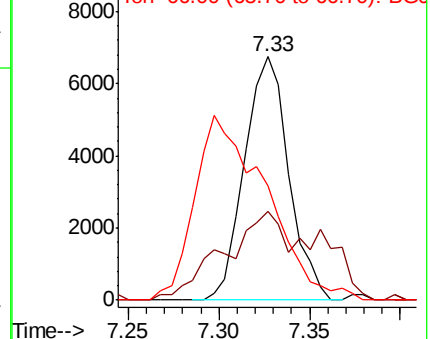
94 100

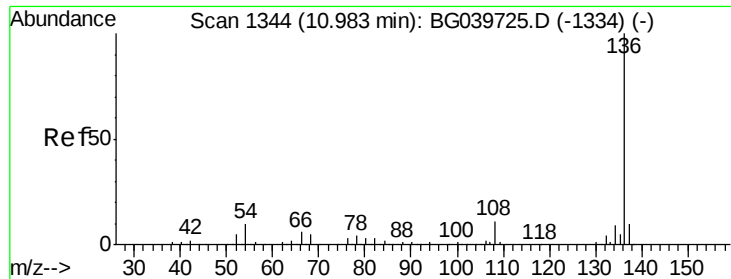
65 36.3 11.7 51.7

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

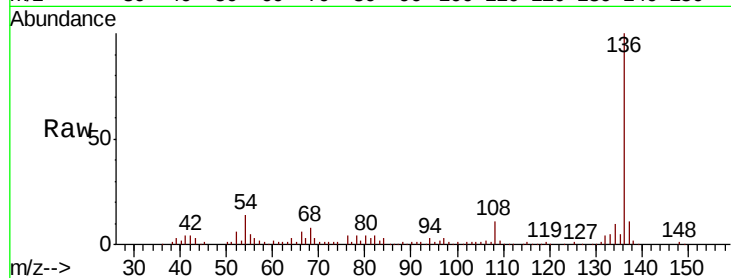




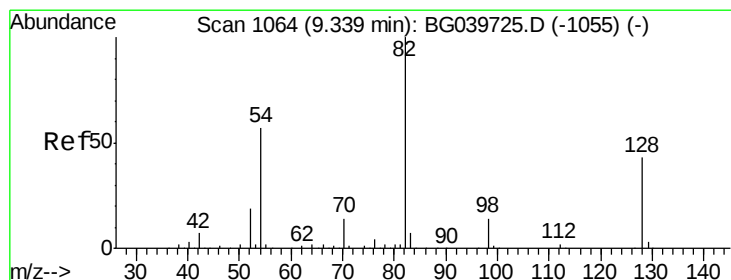
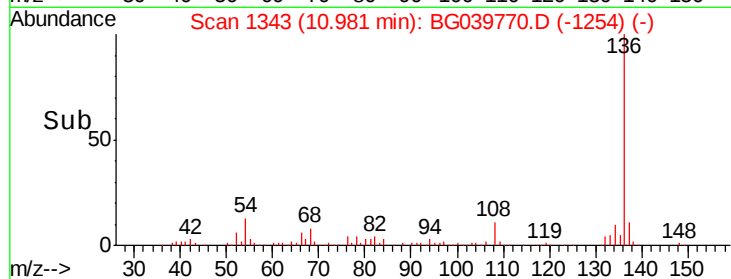
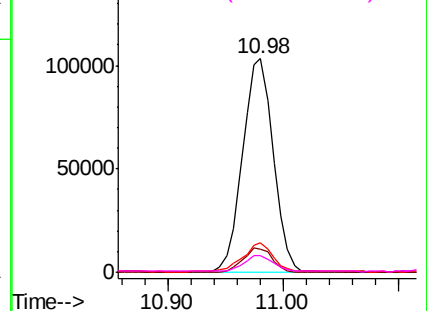
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039770.D
Acq: 5 Mar 2019 18:45

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion:136	Resp:	190129
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	13.9	9.4 14.2
68	8.0	4.2 6.4#

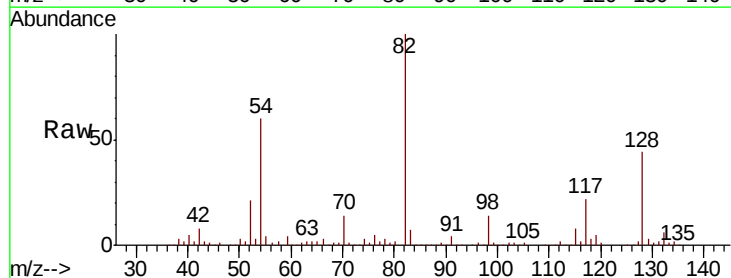


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

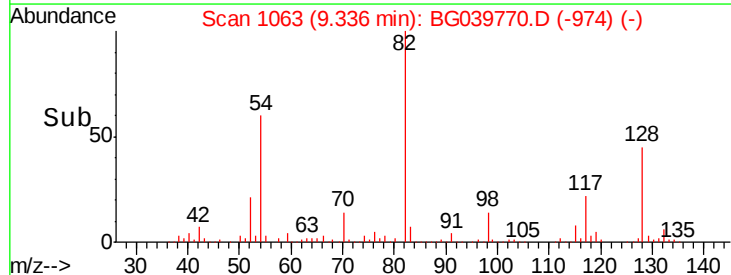
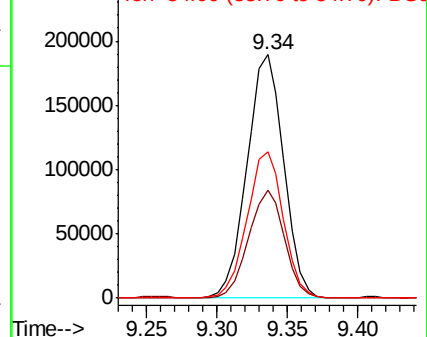


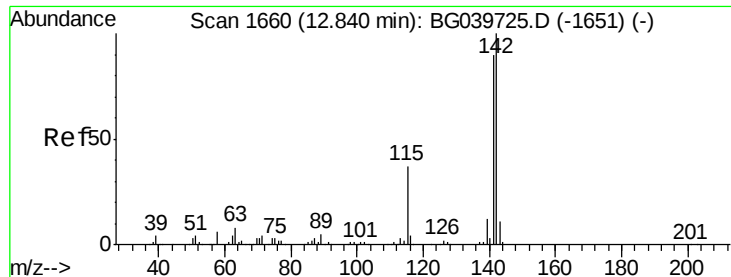
#23
Nitrobenzene-d5
Concen: 97.595 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039770.D
Acq: 5 Mar 2019 18:45

Tgt Ion: 82	Resp:	343090
Ion Ratio	Lower	Upper
82	100	
128	44.5	31.3 46.9
54	60.0	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

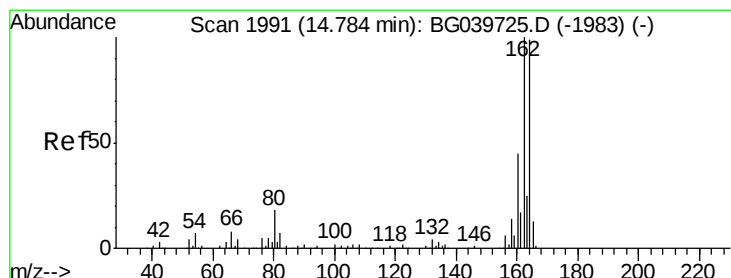
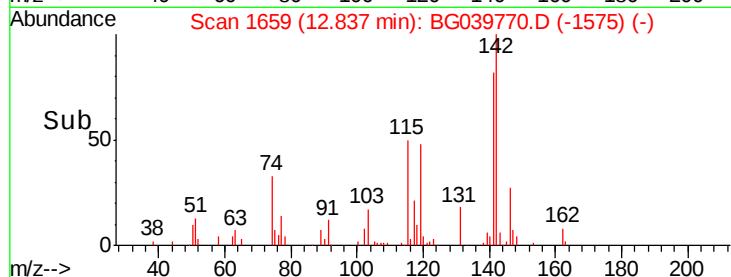
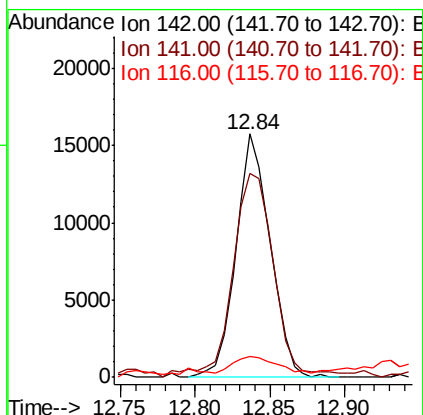
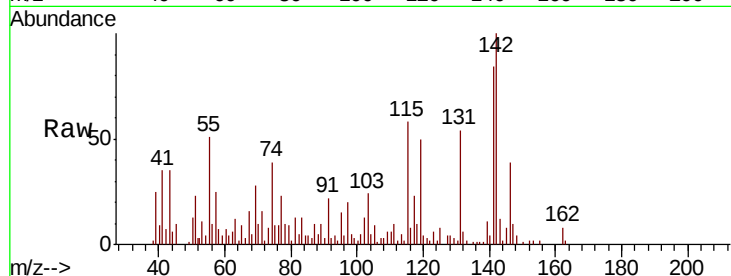




#38
1-Methylnaphthalene
Concen: 3.418 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039770.D
Acq: 5 Mar 2019 18:45

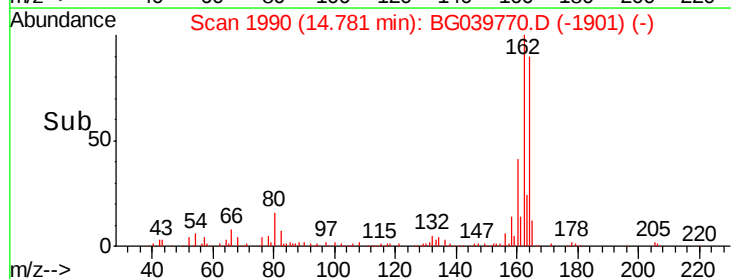
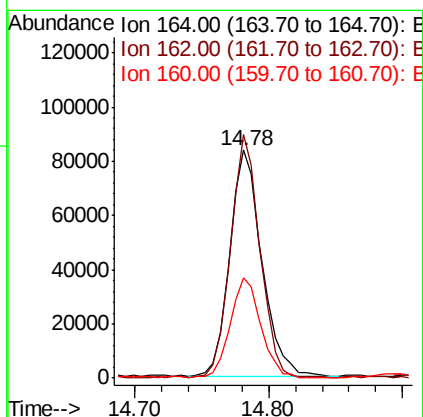
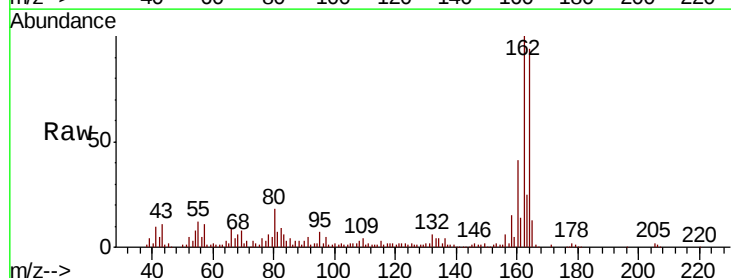
Instrument :
BNA_G
ClientSampled :
TW-1

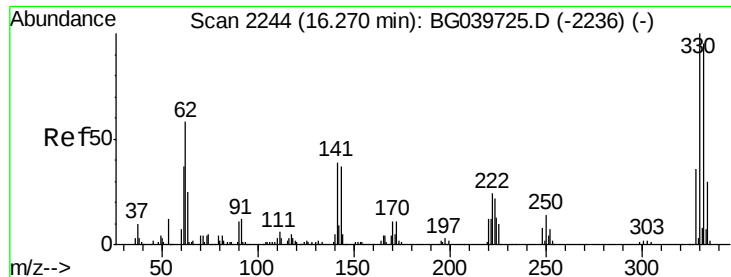
Tot Ion:142 Resp: 24996
Ion Ratio Lower Upper
142 100
141 83.6 74.2 111.4
116 8.3 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039770.D
Acq: 5 Mar 2019 18:45

Tgt Ion:164 Resp: 139478
Ion Ratio Lower Upper
164 100
162 106.7 81.6 122.4
160 43.9 34.2 51.2

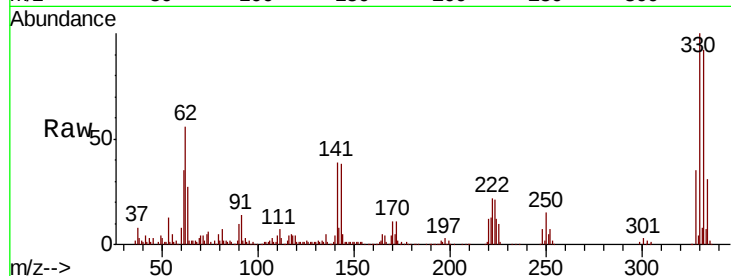




#42
 2,4,6-Tribromophenol
 Concen: 139.865 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG039770.D
 Acq: 5 Mar 2019 18:45

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.7	113.5
141	41.8	35.6	53.4

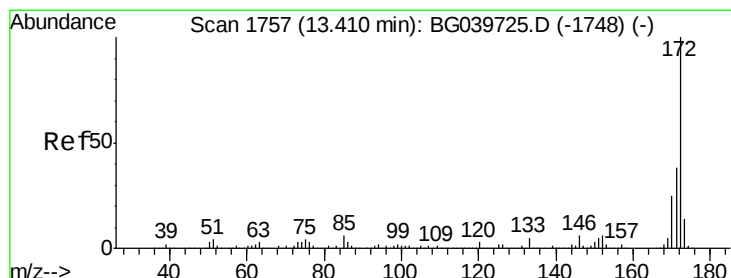
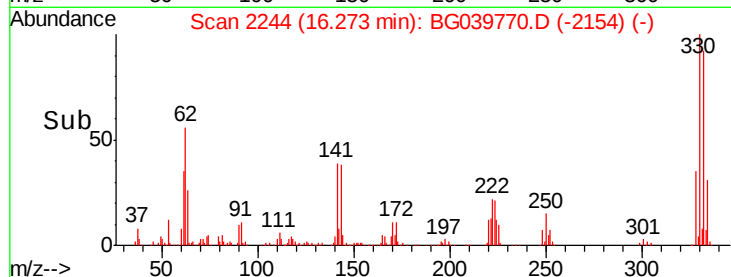
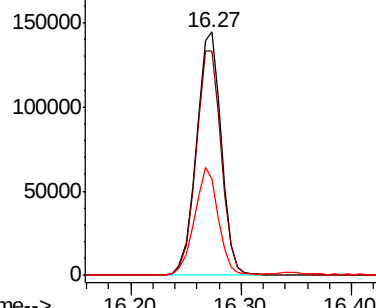


Abundance

Ion 329.80 (329.50 to 330.50): E

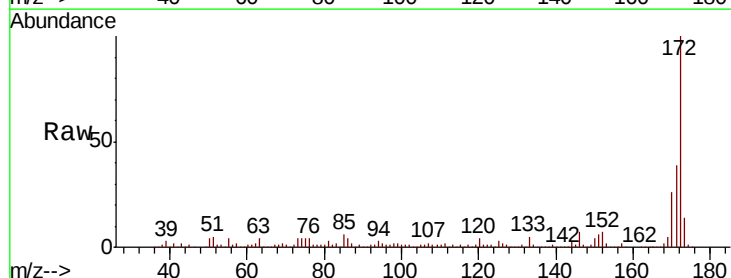
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.320 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039770.D
 Acq: 5 Mar 2019 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	25.9	20.2	30.4

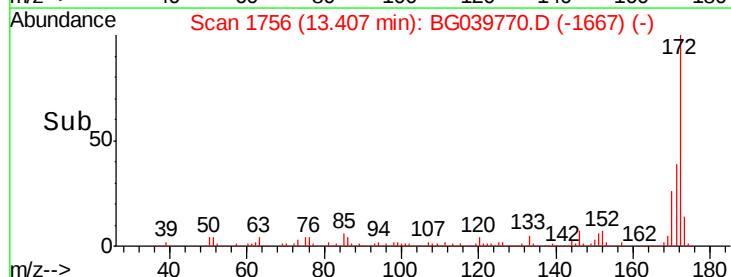
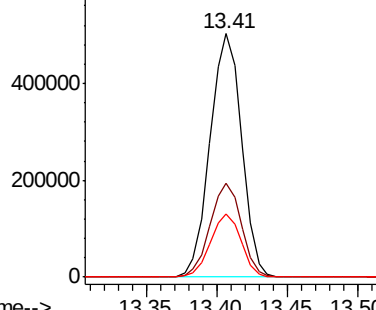


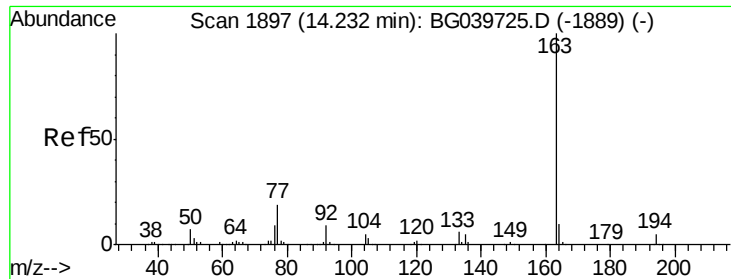
Abundance

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: 2.896 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039770.D

Acq: 5 Mar 2019 18:45

Instrument :

BNA_G

ClientSampleId :

TW-1

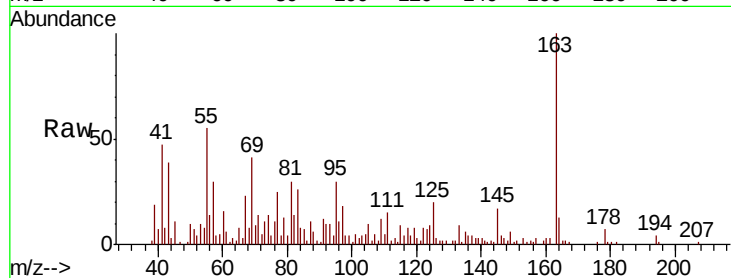
Tot Ion:163 Resp: 33781

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

164 13.2 8.4 12.6#

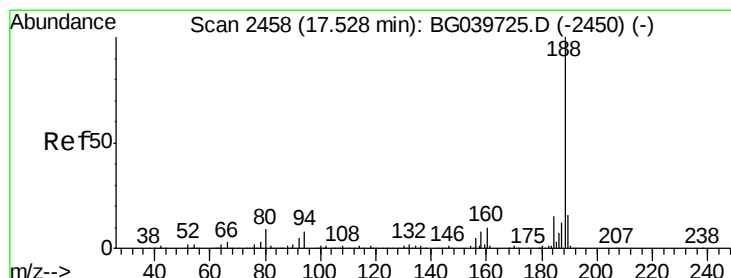
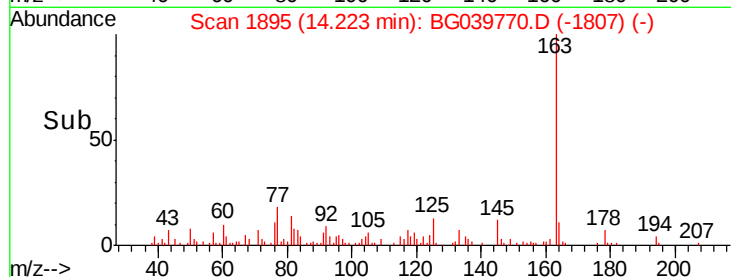
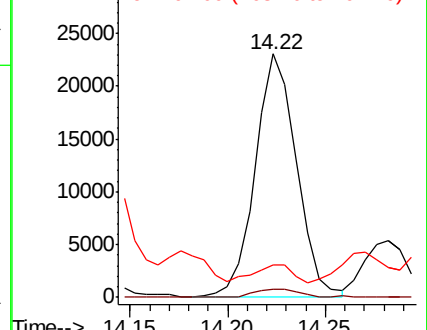


Abundance

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# 2457

Delta R.T. -0.01 min

Lab File: BG039770.D

Acq: 5 Mar 2019 18:45

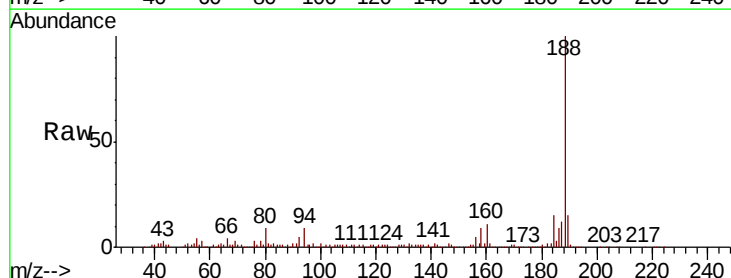
Tgt Ion:188 Resp: 294302

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 8.8 8.1 12.1

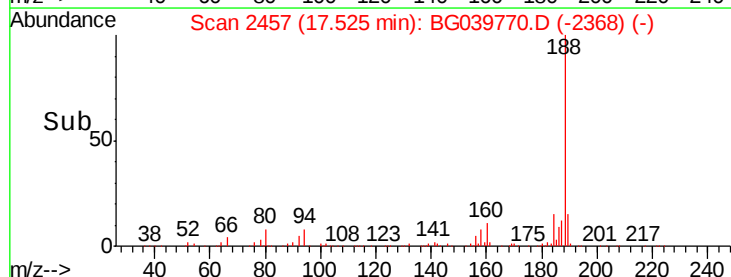
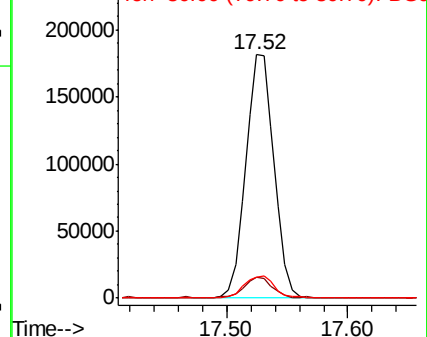


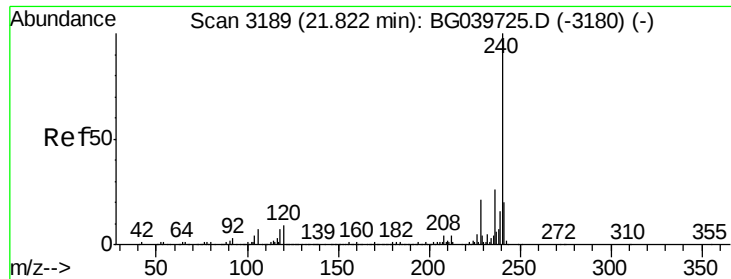
Abundance

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

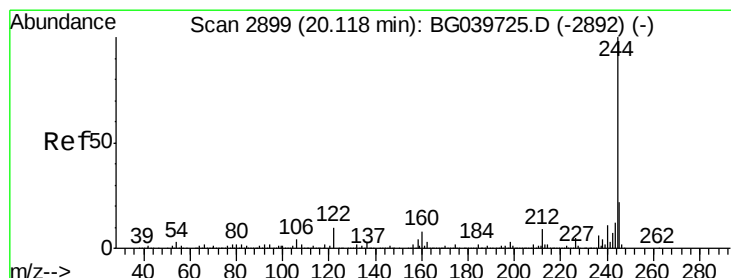
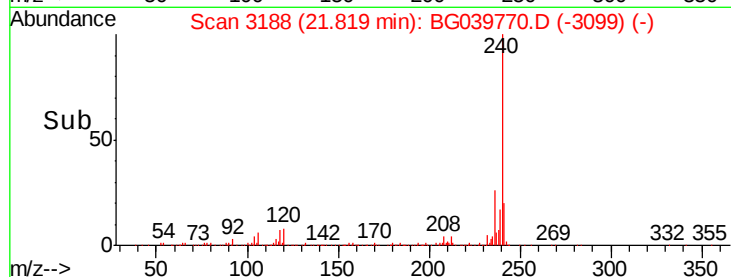
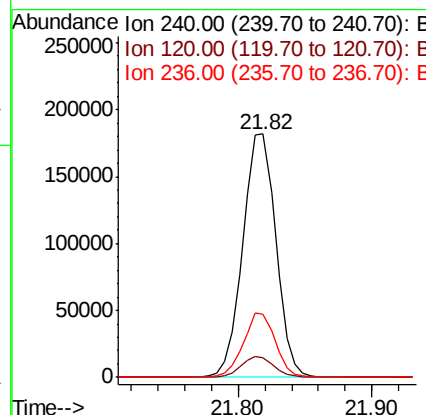
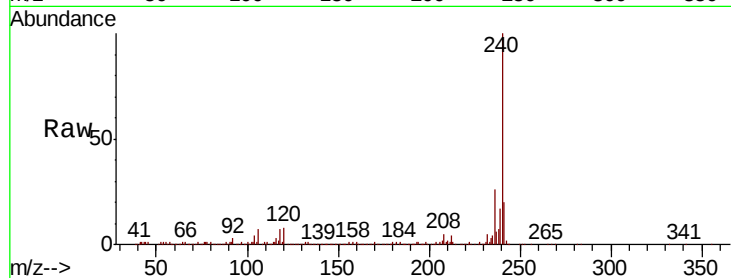




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG039770.D
 Acq: 5 Mar 2019 18:45

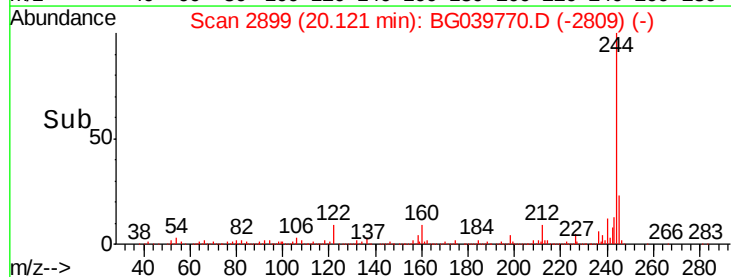
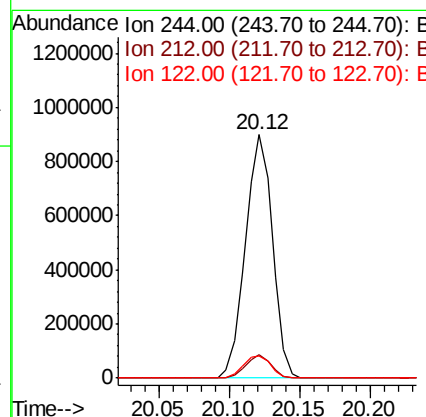
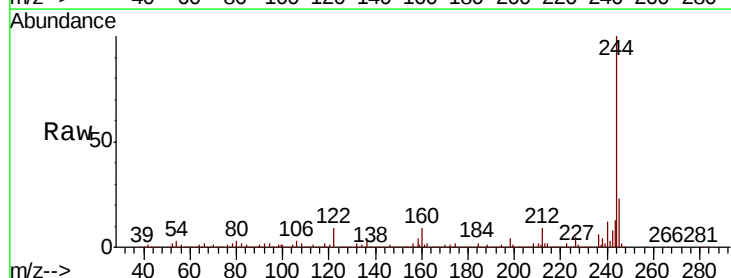
Instrument :
 BNA_G
 ClientSampleId :
 TW-1

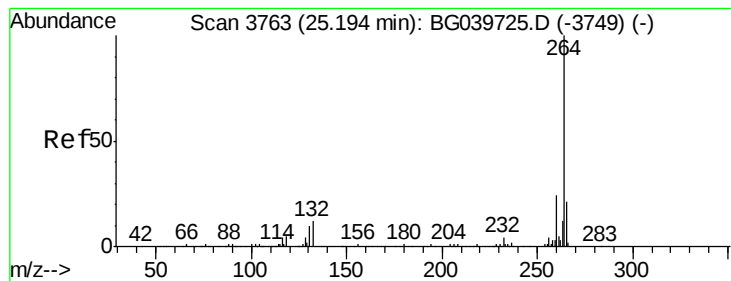
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.0	21.0	31.4



#79
 Terphenyl-d14
 Concen: 85.003 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: BG039770.D
 Acq: 5 Mar 2019 18:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	9.2	8.4	12.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039770.D

Acq: 5 Mar 2019 18:45

Instrument :

BNA_G

ClientSampleId :

TW-1

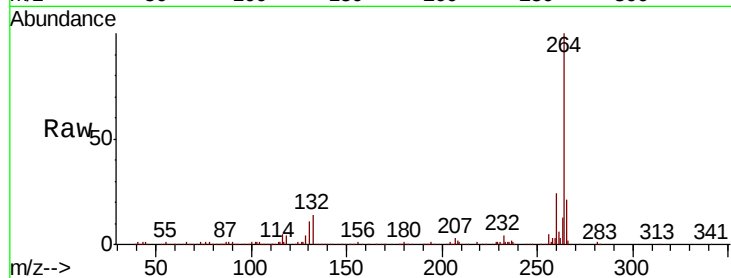
Tot Ion:264 Resp: 321586

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 20.9 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

