

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040240.D
 Acq On : 30 Mar 2019 00:36
 Operator : JU/SJ
 Sample : K2111-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Quant Time: Mar 30 04:11:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

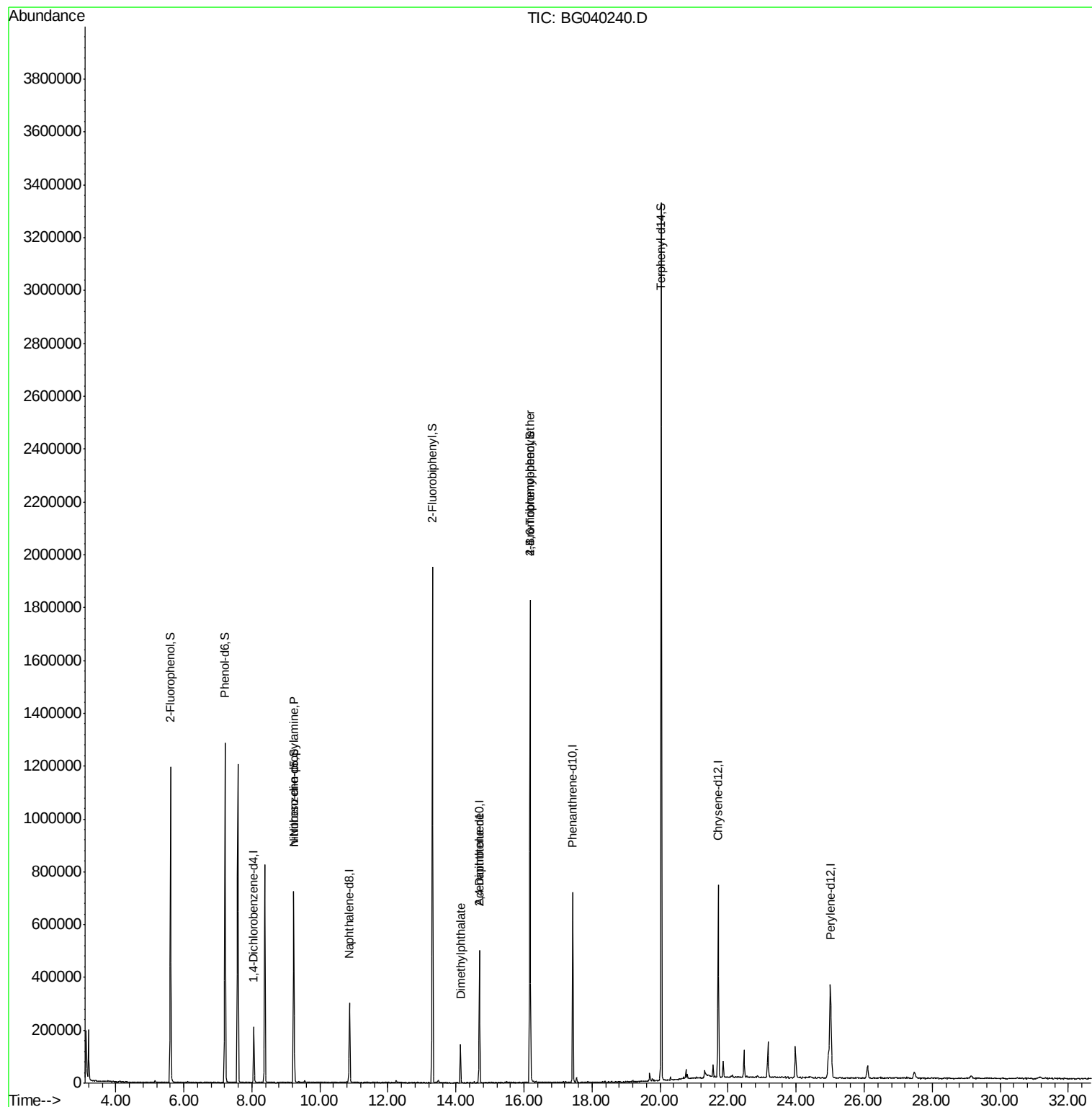
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59758	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	255472	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	173509	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	454001	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	451952	20.00	ng	-0.02
87) Perylene-d12	25.01	264	453365	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	535593	149.00	ng	-0.01
7) Phenol-d6	7.21	99	760827	153.15	ng	-0.01
23) Nitrobenzene-d5	9.23	82	438870	91.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	317293	169.21	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1004496	85.78	ng	-0.01
79) Terphenyl-d14	20.04	244	1547874	77.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	56075	15.743	ng	Qvalue # 73
50) Dimethylphthalate	14.13	163	100352	7.390	ng	99
57) 2,4-Dinitrotoluene	14.69	165	22386	5.284	ng	# 25
67) 4-Bromophenyl-phenylether	16.18	248	23554	4.610	ng	# 1

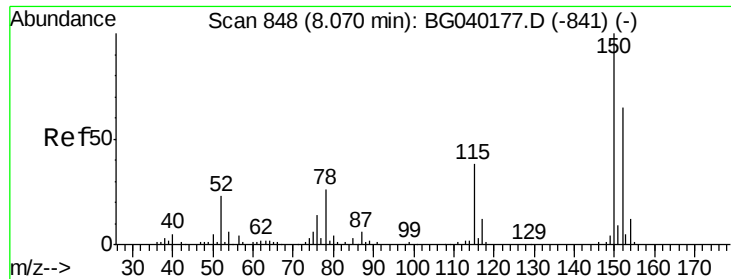
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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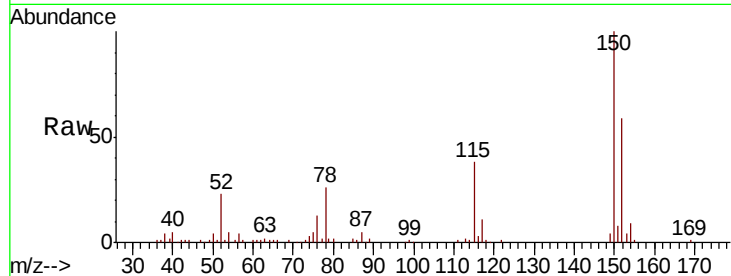


#1

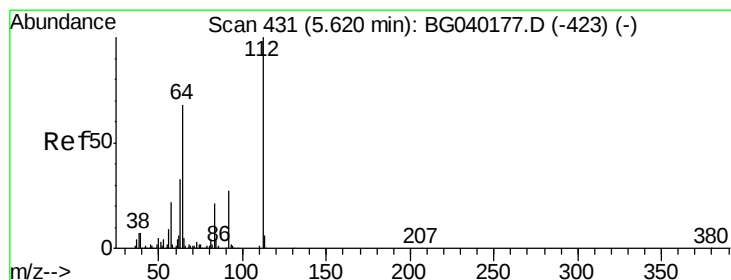
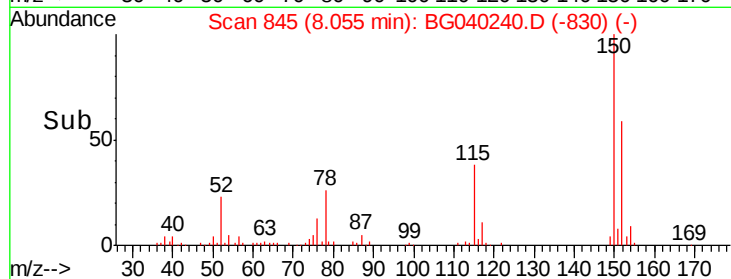
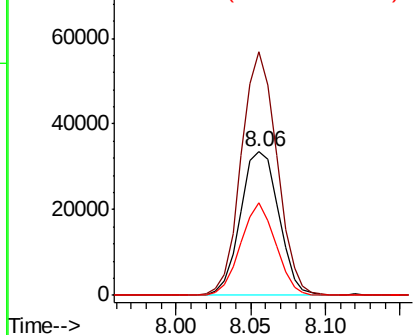
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Tgt Ion:152 Resp: 59758
Ion Ratio Lower Upper
152 100
150 169.5 123.7 185.5
115 64.3 46.9 70.3



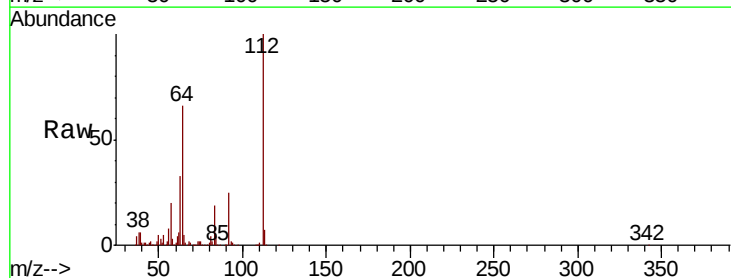
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



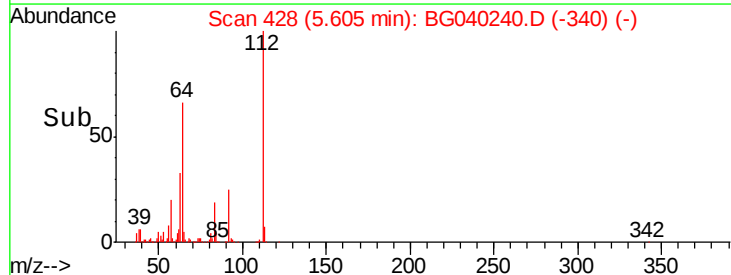
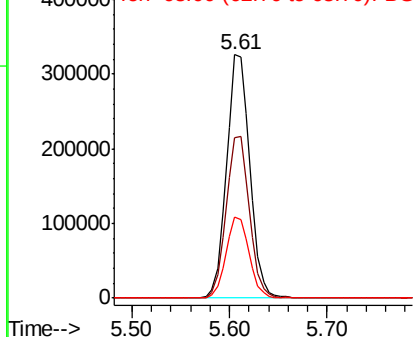
#5

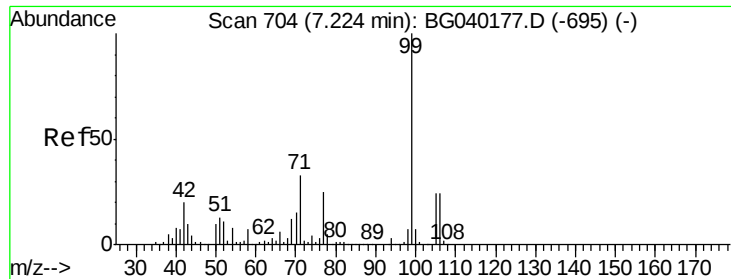
2-Fluorophenol
Concen: 148.997 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Tgt Ion:112 Resp: 535593
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.2
63 33.2 26.4 39.6



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: 153.149 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

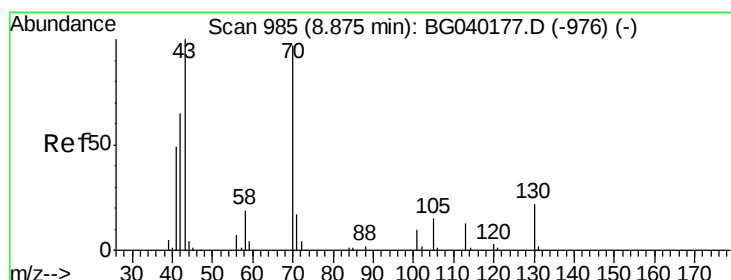
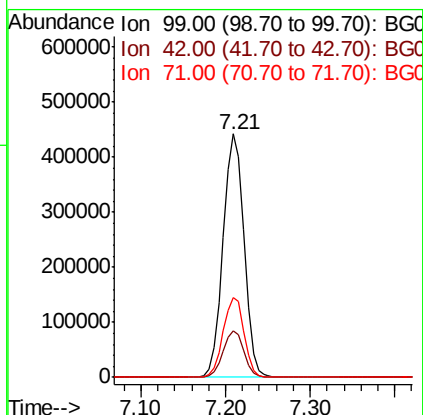
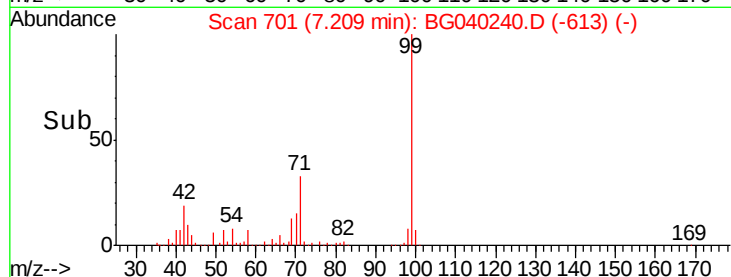
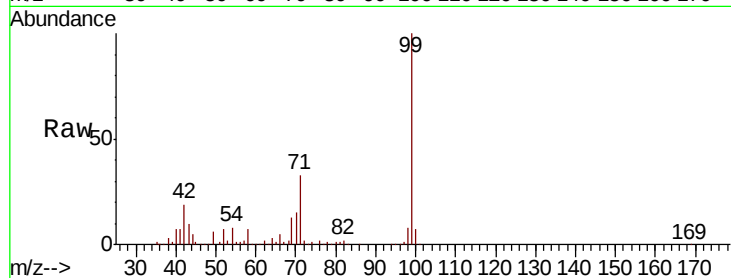
Tgt Ion: 99 Resp: 760827

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

71 32.9 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.743 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

Tgt Ion: 70 Resp: 56075

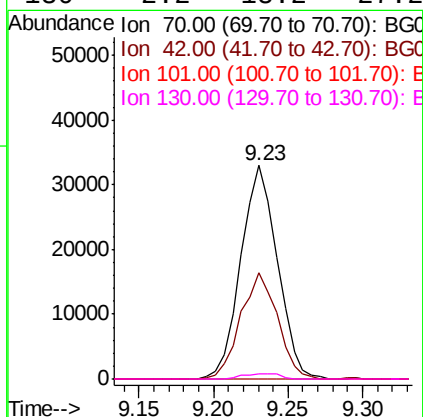
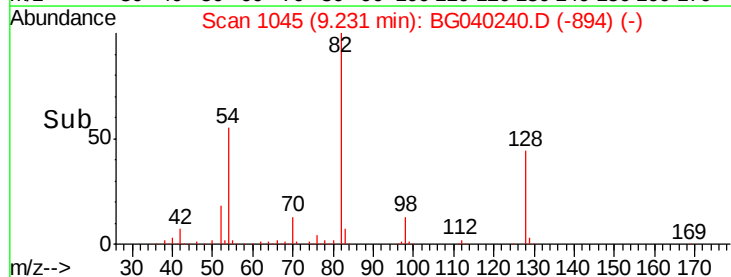
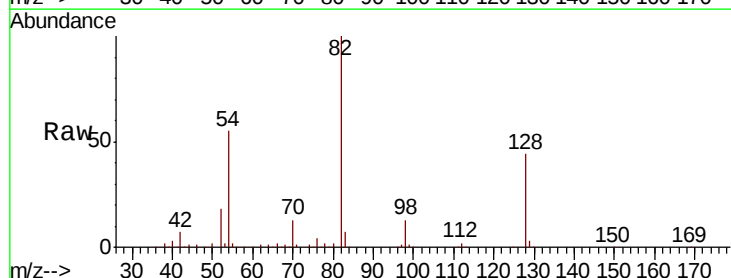
Ion Ratio Lower Upper

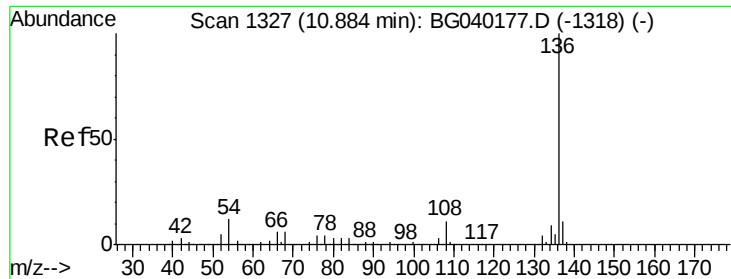
70 100

42 49.7 54.0 81.0#

101 0.0 8.6 13.0#

130 2.2 18.2 27.2#

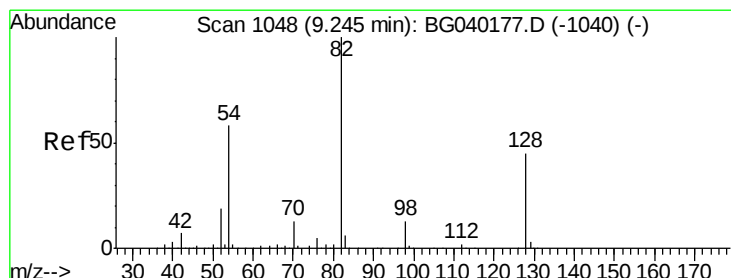
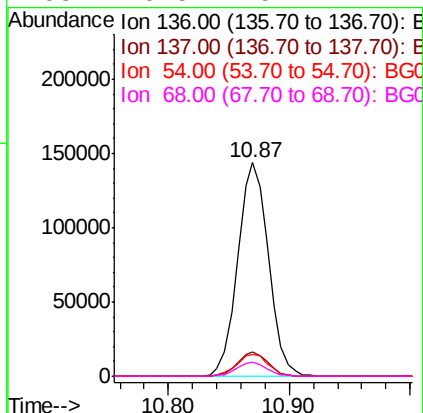
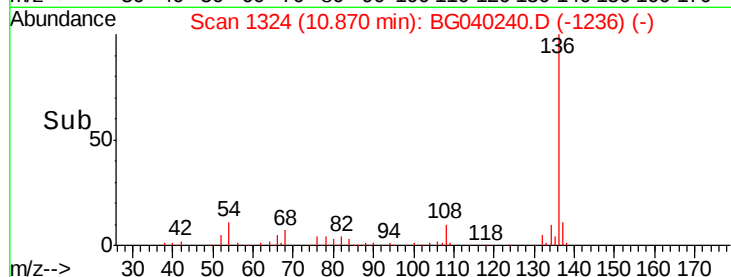
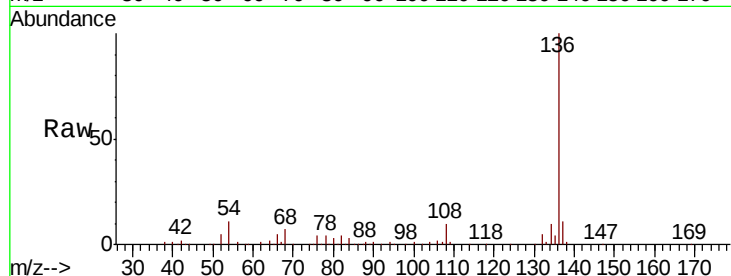




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

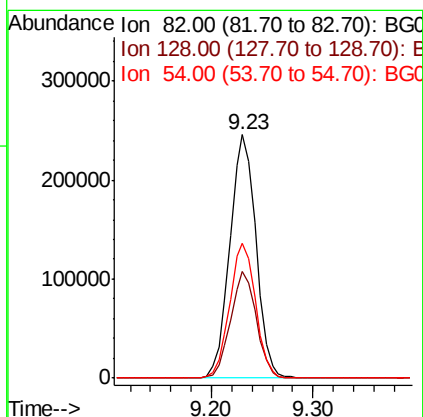
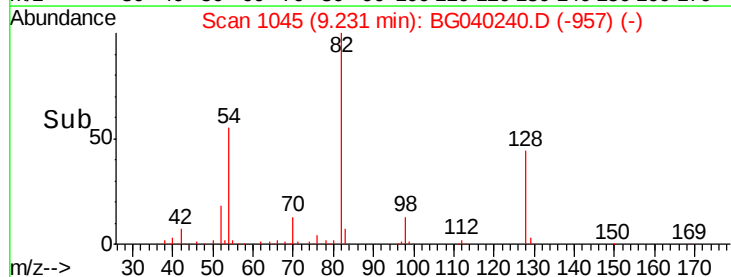
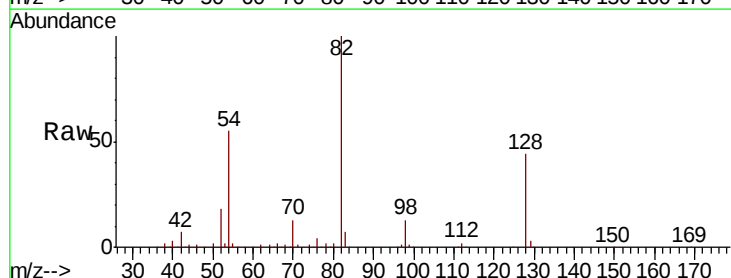
Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Tgt Ion:	136	Resp:	255472
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.5	9.6	14.4
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 91.311 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Tgt Ion:	82	Resp:	438870
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.8	53.8
54	55.3	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

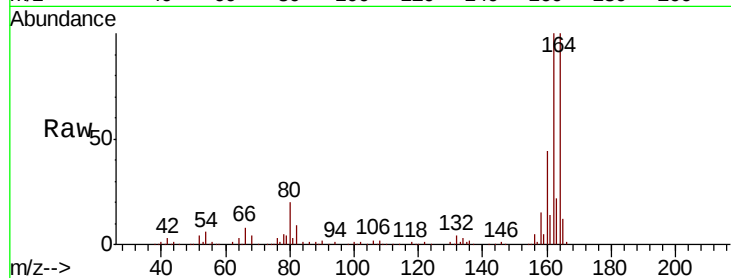
Tgt Ion:164 Resp: 173509

Ion Ratio Lower Upper

164 100

162 100.3 77.4 116.2

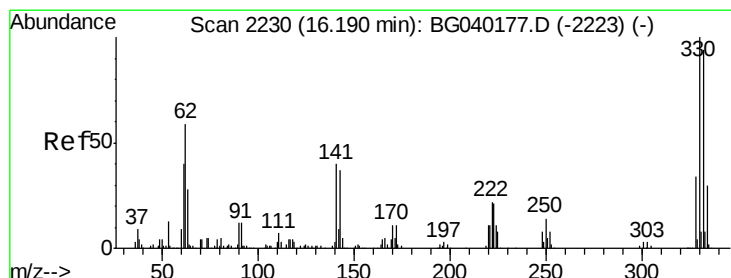
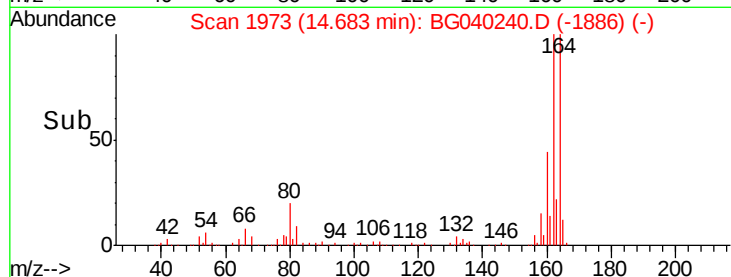
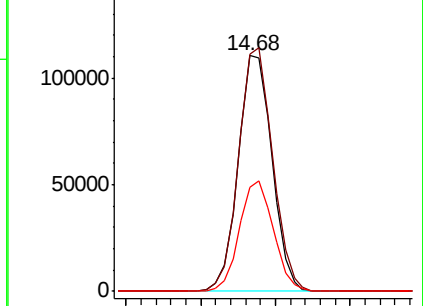
160 44.0 35.3 52.9



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: 169.207 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

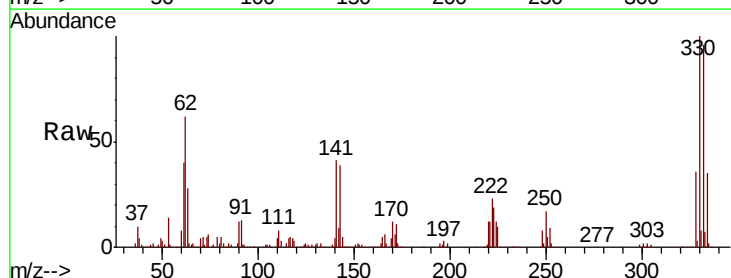
Tgt Ion:330 Resp: 317293

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

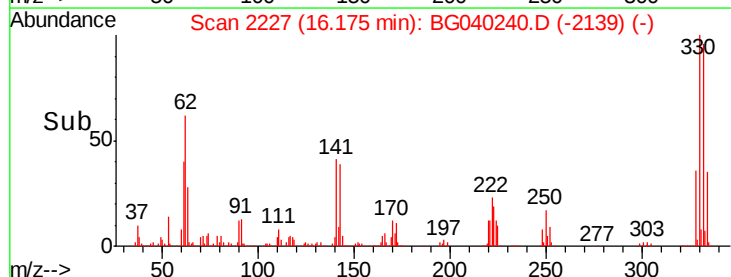
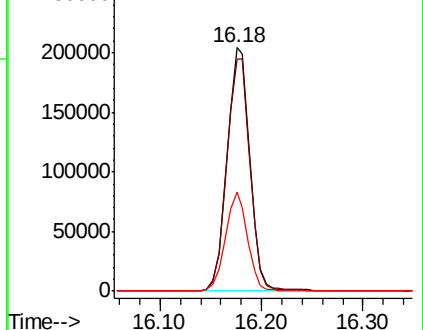
141 39.6 32.6 48.8



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

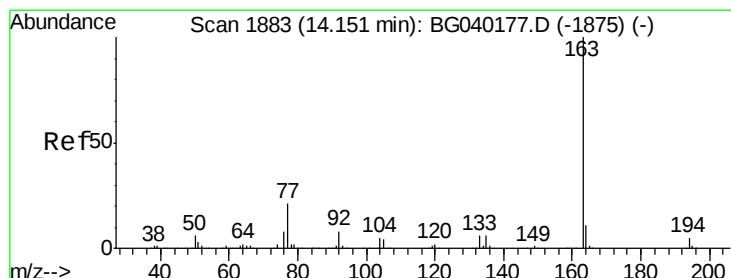
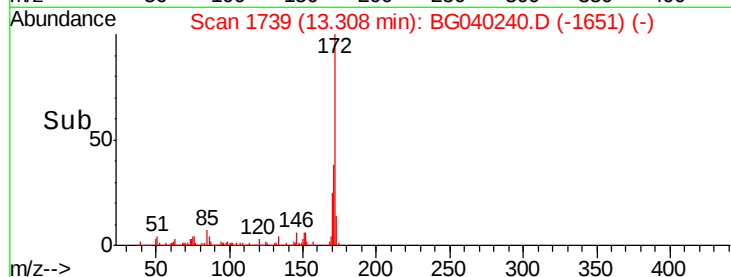
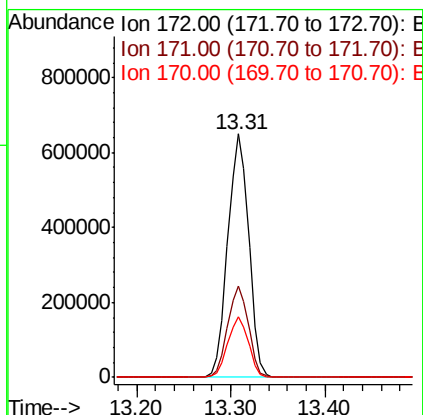
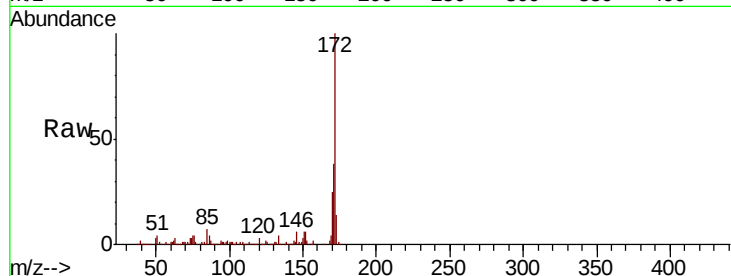




#45
 2-Fluorobiphenyl
 Concen: 85.784 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

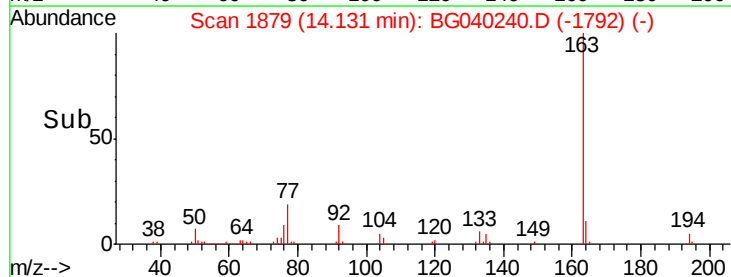
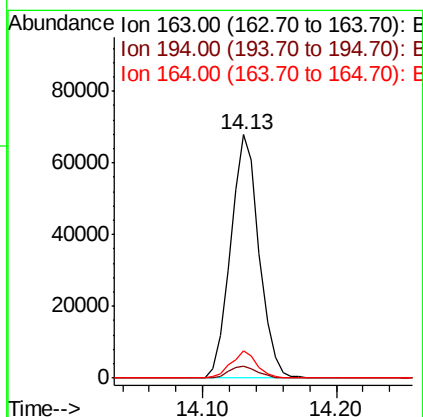
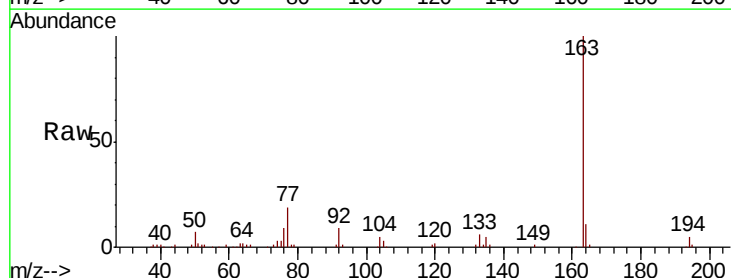
Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Tgt Ion:172 Resp: 1004496
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 24.9 20.1 30.1



#50
 Dimethylphthalate
 Concen: 7.390 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

Tgt Ion:163 Resp: 100352
 Ion Ratio Lower Upper
 163 100
 194 4.9 4.1 6.1
 164 11.3 8.6 13.0

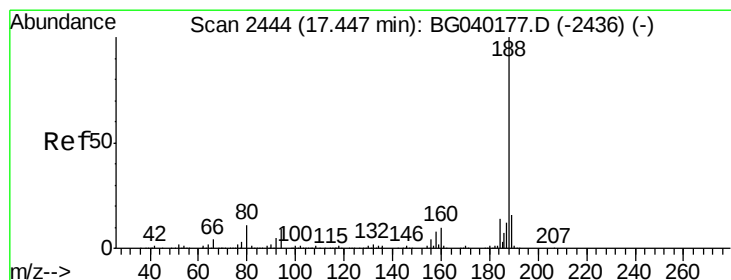
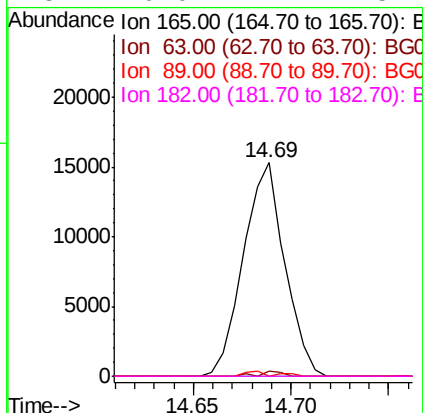
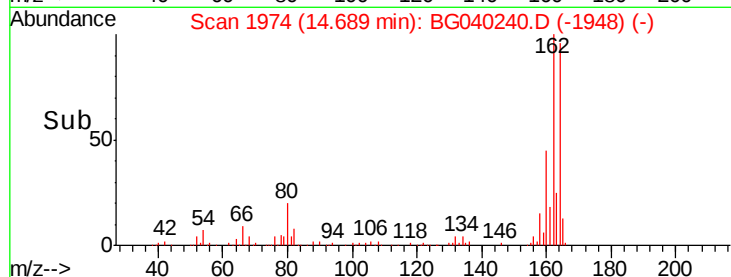
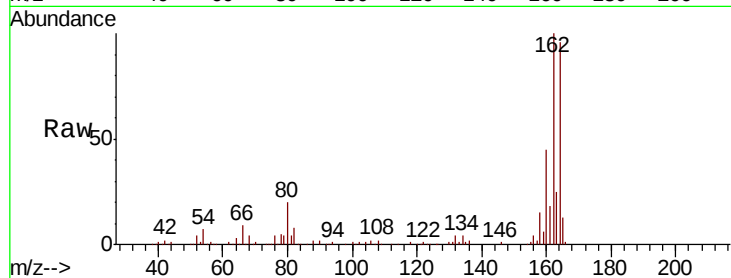




#57
 2,4-Dinitrotoluene
 Concen: 5.284 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

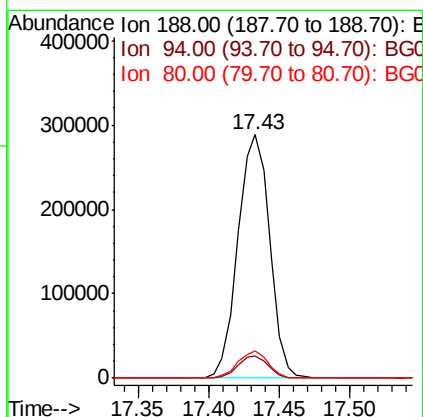
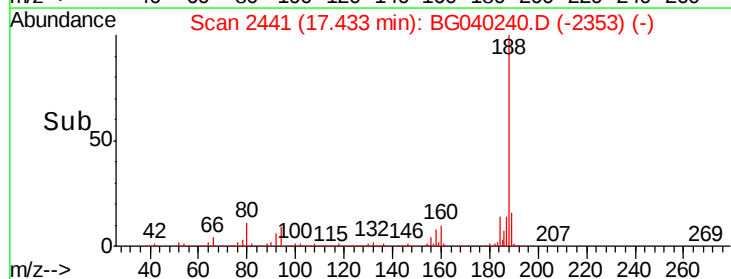
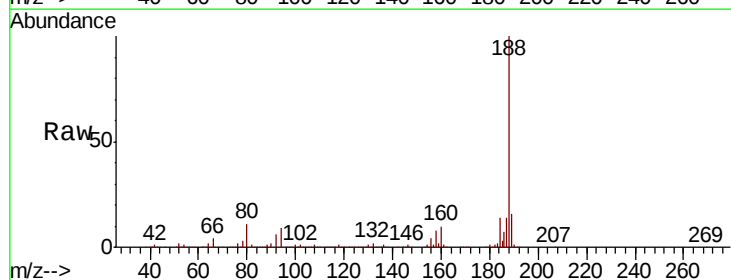
Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	11.0	8.6	13.0

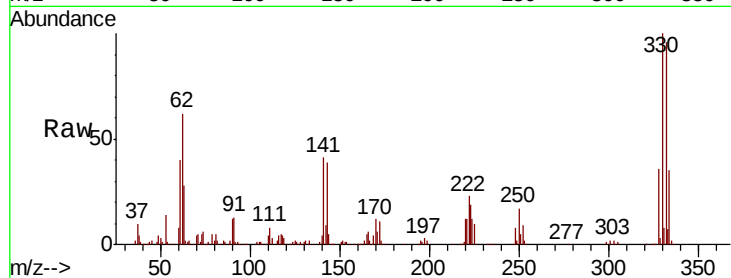




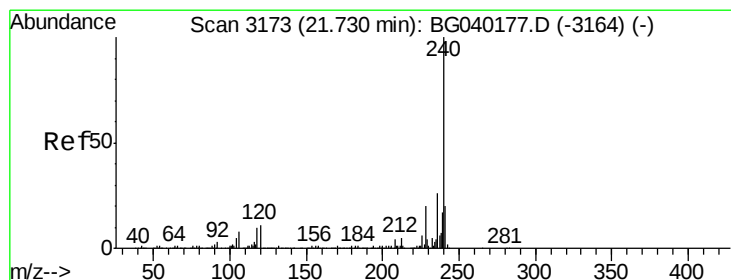
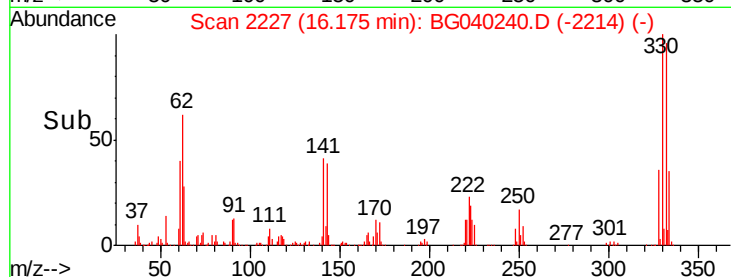
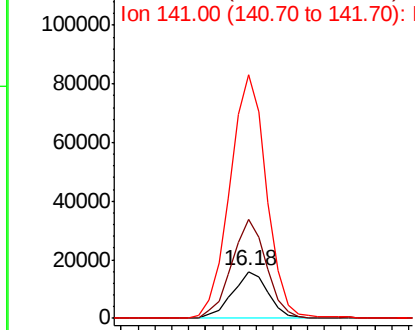
#67
 4-Bromophenyl-phenylether
 Concen: 4.610 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Tgt Ion:248 Resp: 23554
 Ion Ratio Lower Upper
 248 100
 250 213.3 76.4 114.6#
 141 523.0 53.8 80.8#

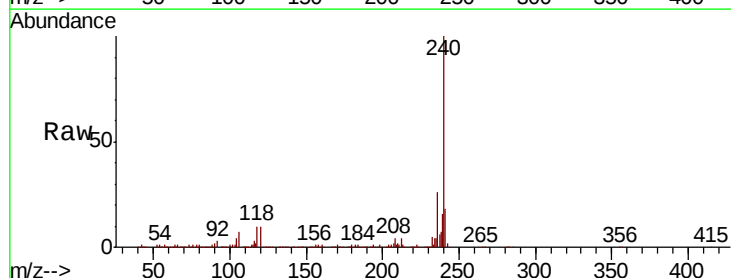


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

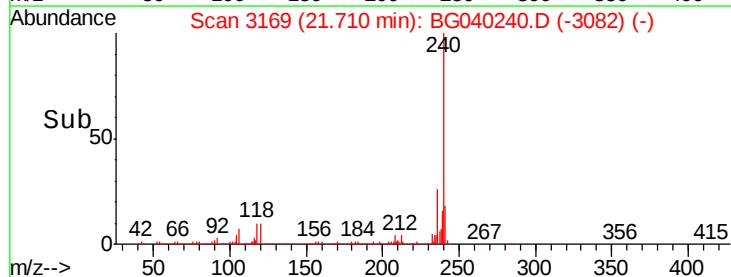
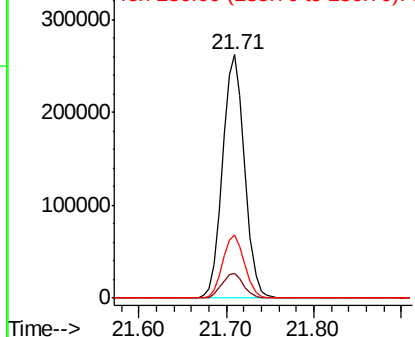


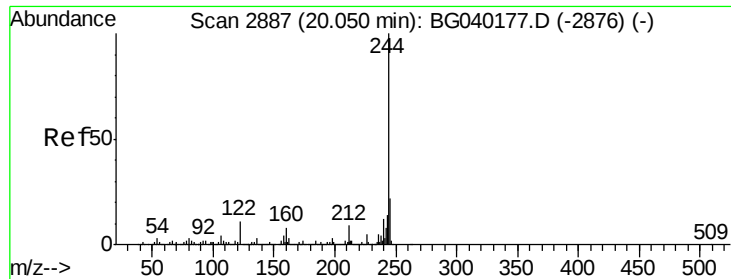
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

Tgt Ion:240 Resp: 451952
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 25.8 20.8 31.2



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





#79

Terphenyl-d14

Concen: 77.048 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

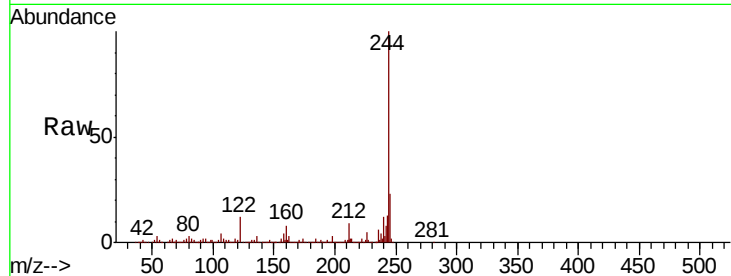
Tgt Ion:244 Resp: 1547874

Ion Ratio Lower Upper

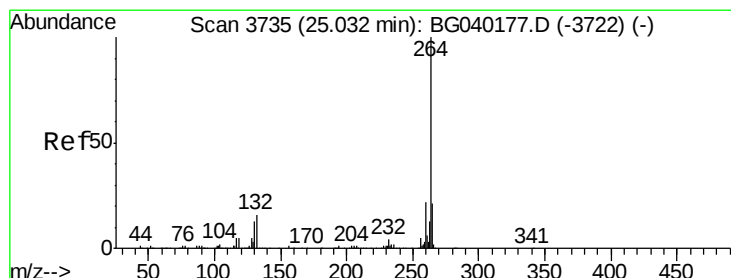
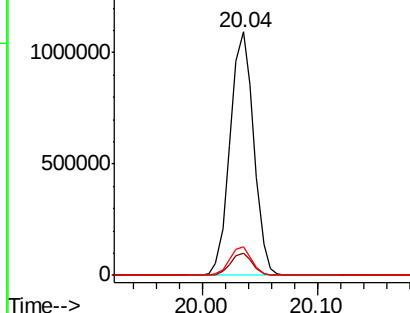
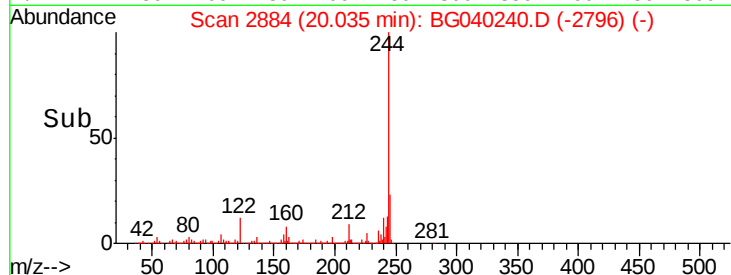
244 100

212 9.3 7.0 10.6

122 11.6 8.5 12.7



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: 25.01 min Scan# 3730

Delta R.T. -0.03 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

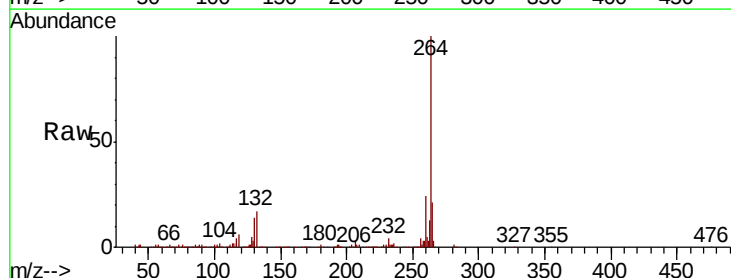
Tgt Ion:264 Resp: 453365

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 21.2 16.8 25.2



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

