

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040114.D
 Acq On : 23 Mar 2019 12:52
 Operator : JU/SJ
 Sample : K2035-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 22:17:43 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

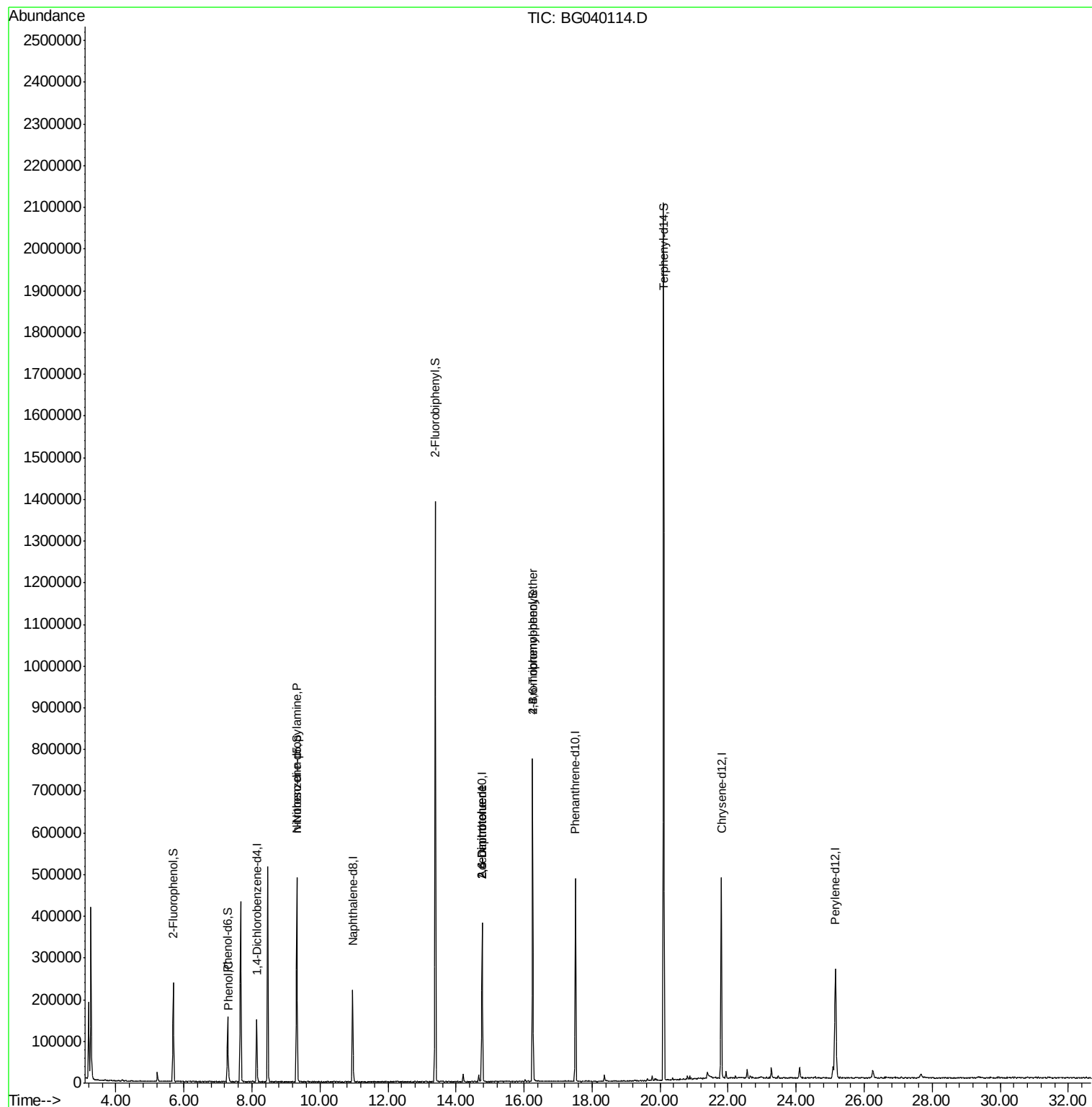
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41133	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	189314	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	131875	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	312337	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	307080	20.00	ng	-0.03
87) Perylene-d12	25.15	264	310593	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	99780	41.38	ng	-0.02
7) Phenol-d6	7.28	99	91290	25.39	ng	-0.03
23) Nitrobenzene-d5	9.32	82	299965	85.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	136420	88.75	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	758869	81.93	ng	-0.03
79) Terphenyl-d14	20.11	244	1035186	74.22	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	10661	2.737	ng	98
19) n-Nitroso-di-n-propylamine	9.32	70	38828	15.005	ng	# 64
51) 2,6-Dinitrotoluene	14.77	165	16160	6.913	ng	# 25
57) 2,4-Dinitrotoluene	14.77	165	16160	4.920	ng	# 20
67) 4-Bromophenyl-phenylether	16.25	248	10536	3.014	ng	# 1

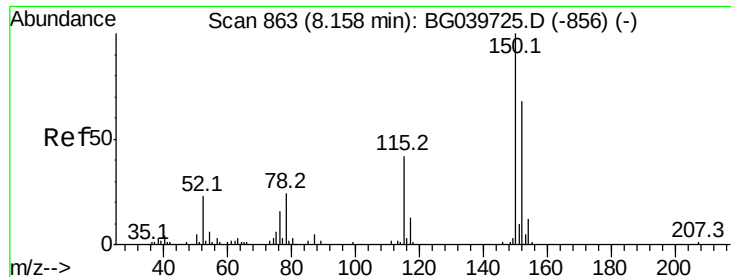
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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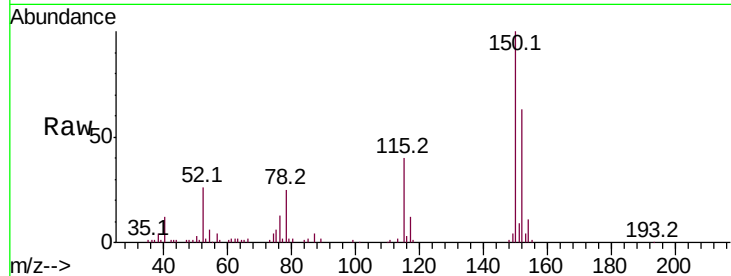


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.7	185.5
115	63.8	45.9	68.9

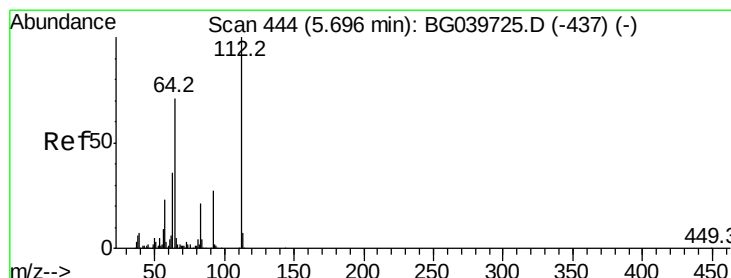
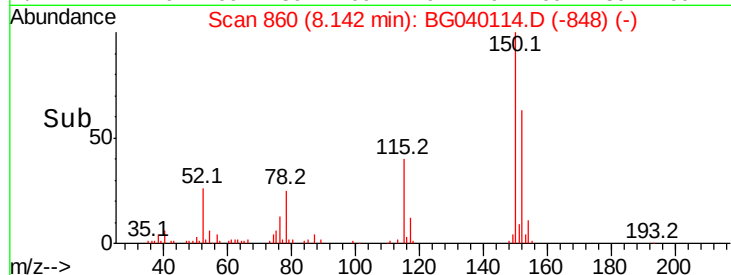
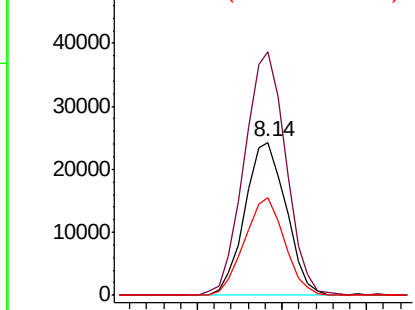


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

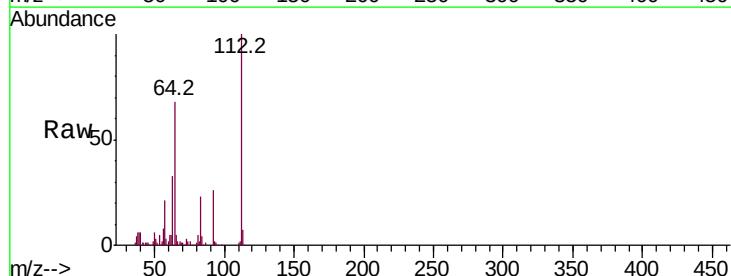
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.384 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.8	86.8
63	32.5	29.8	44.6

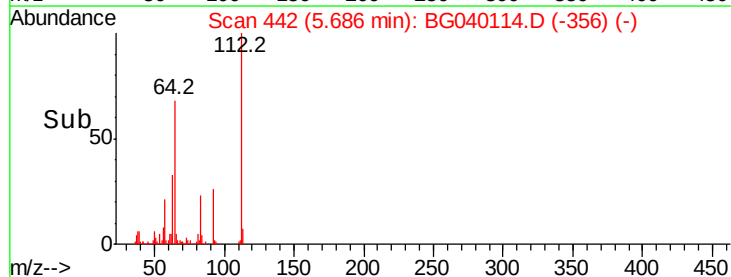
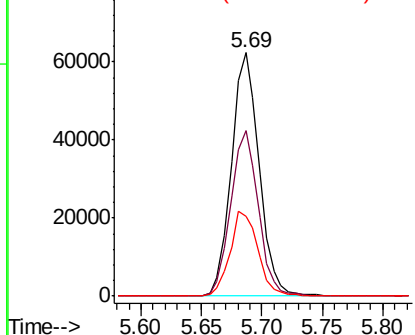


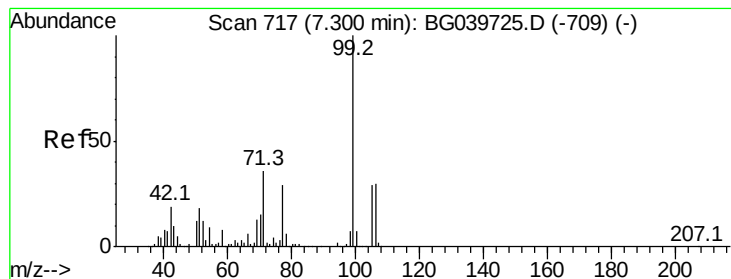
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 25.393 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

Instrument :

BNA_G

ClientSampleId :

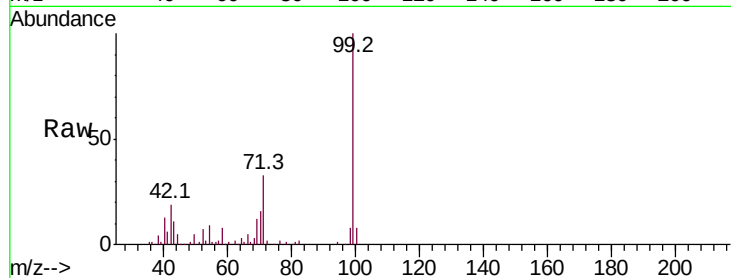
Tot Ion: 99 Resp: 91290

Ion Ratio Lower Upper

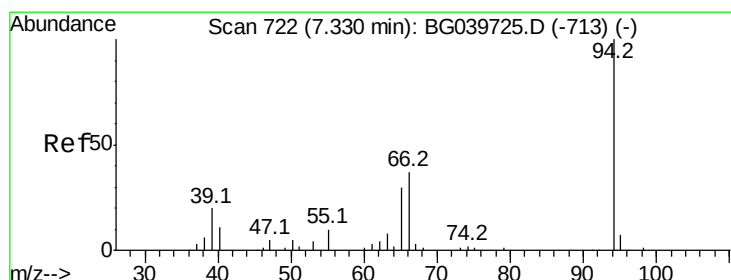
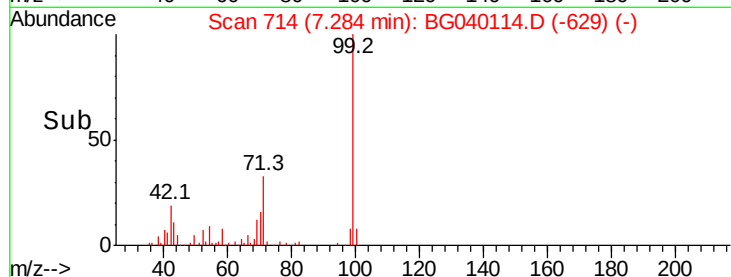
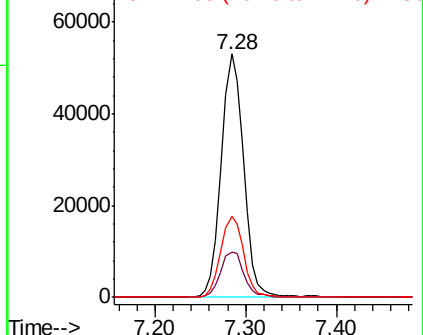
99 100

42 18.7 18.2 27.2

71 33.4 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: 2.737 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.03 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

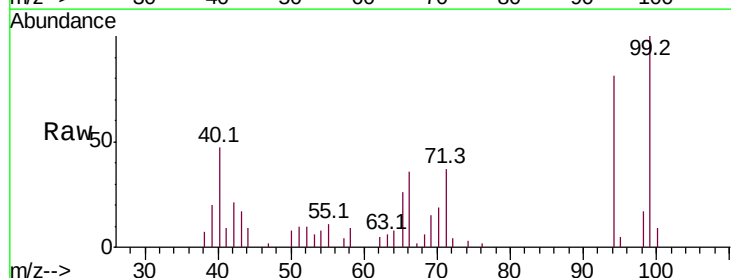
Tgt Ion: 94 Resp: 10661

Ion Ratio Lower Upper

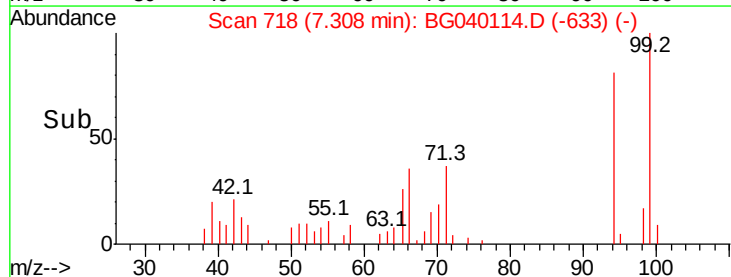
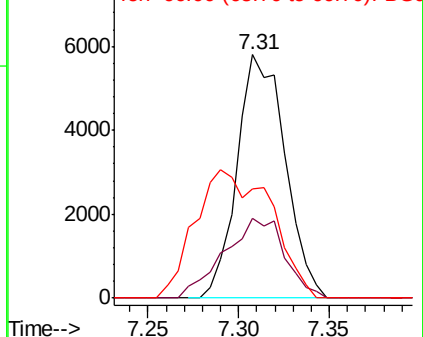
94 100

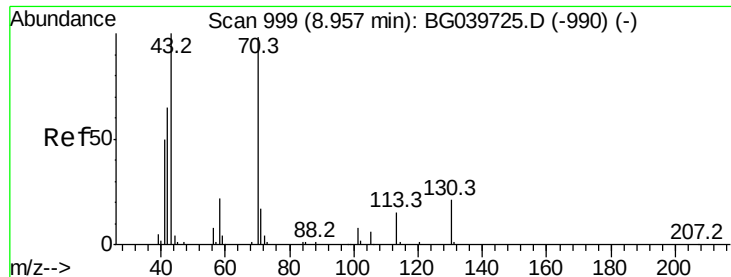
65 32.6 11.7 51.7

66 44.8 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

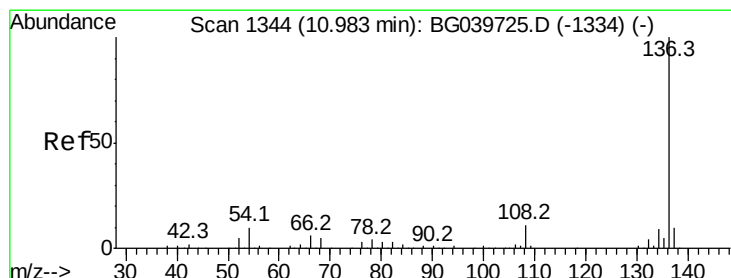
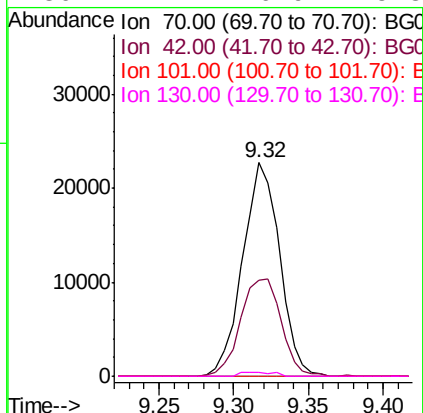
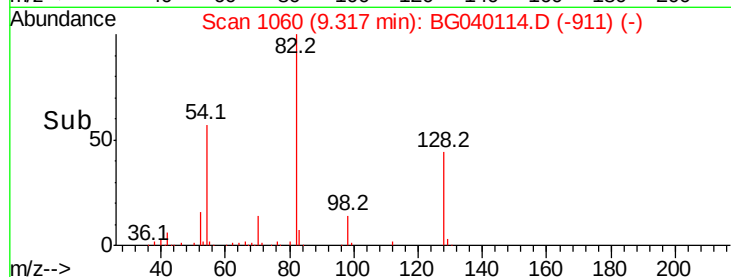
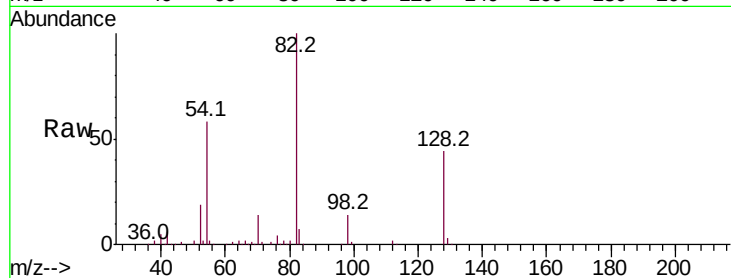




#19
n-Nitroso-di-n-propylamine
Concen: 15.005 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

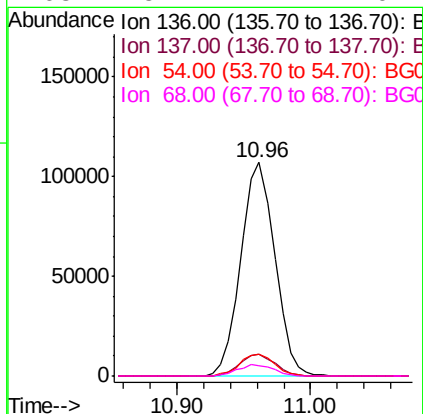
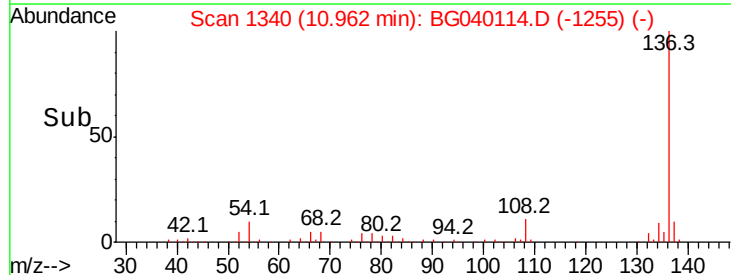
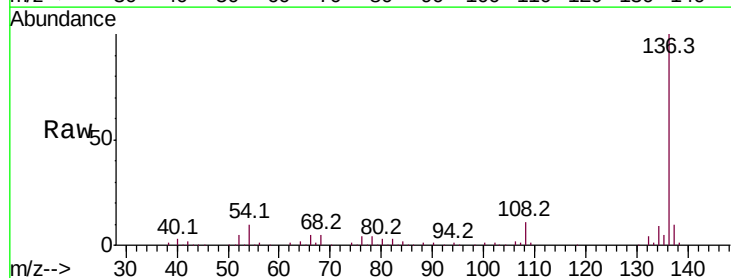
Instrument :
BNA_G
ClientSampleId :

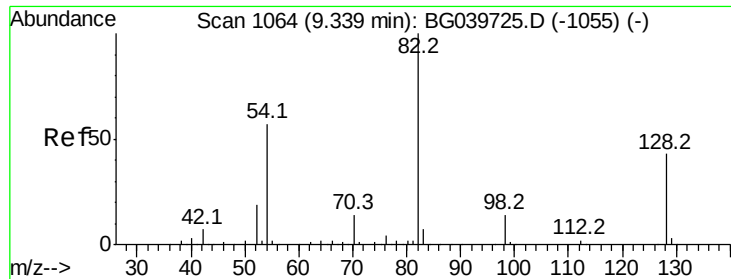
Tot Ion: 70 Resp: 38828
Ion Ratio Lower Upper
70 100
42 44.7 60.4 90.6#
101 0.0 7.5 11.3#
130 1.7 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Tgt Ion: 136 Resp: 189314
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 10.3 9.4 14.2
68 5.1 4.2 6.4

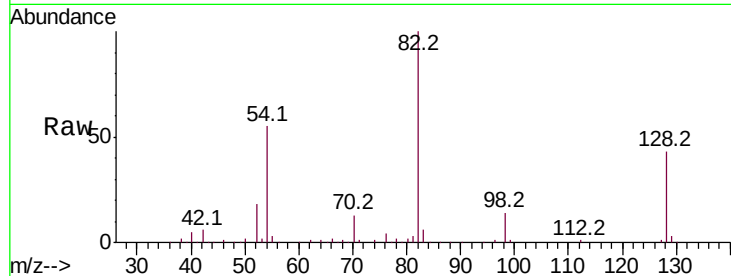




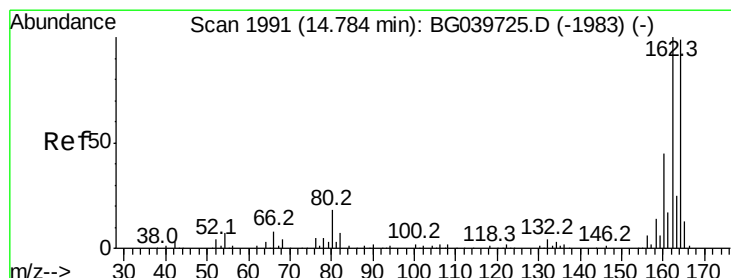
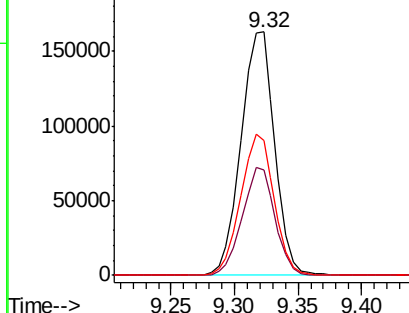
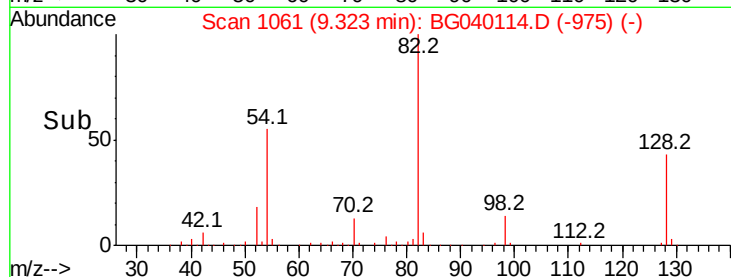
#23
 Nitrobenzene-d5
 Concen: 85.695 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	299965
Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	55.3	50.9	76.3

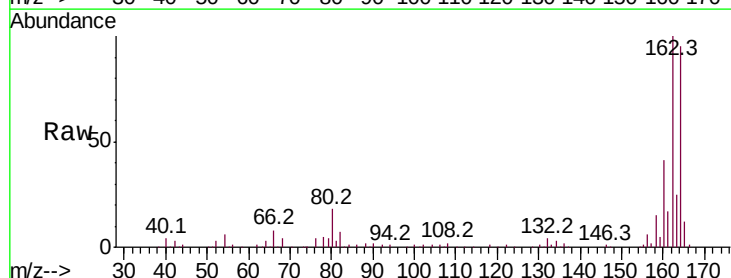


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

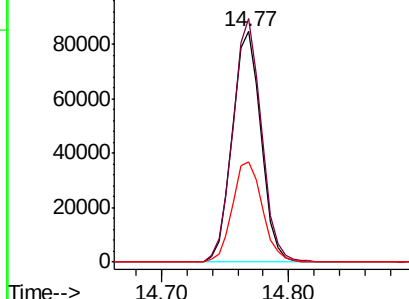
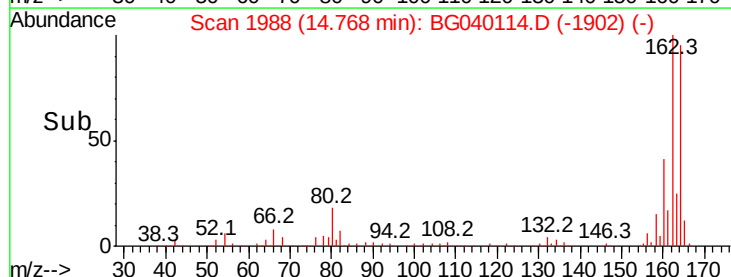


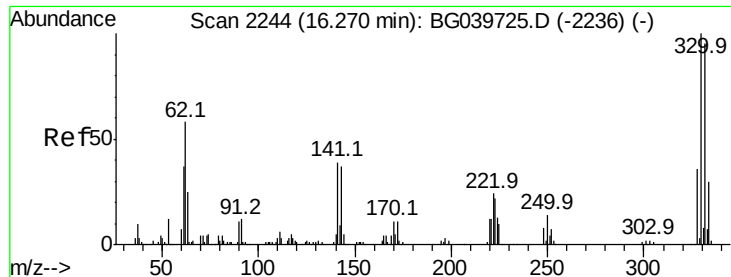
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Tgt Ion	164	Resp	131875
Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.6	122.4
160	43.5	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: 88.752 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

Instrument :

BNA_G

ClientSampleId :

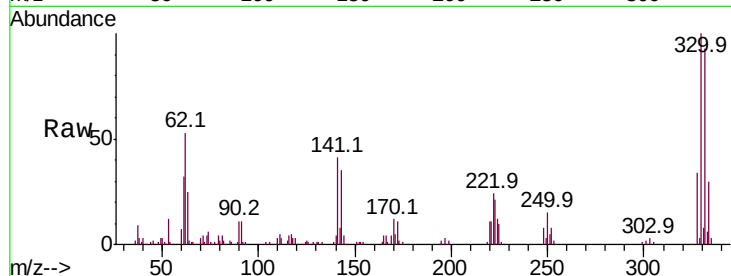
Tot Ion:330 Resp: 136420

Ion Ratio Lower Upper

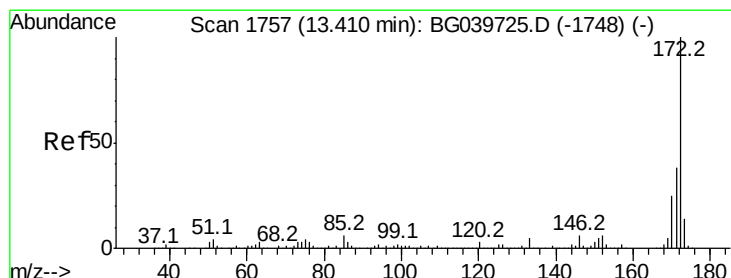
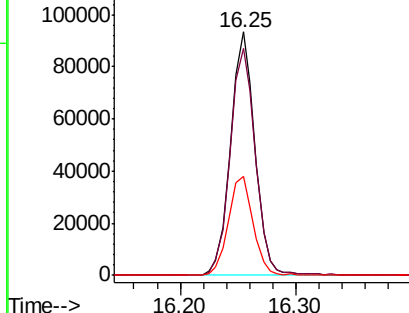
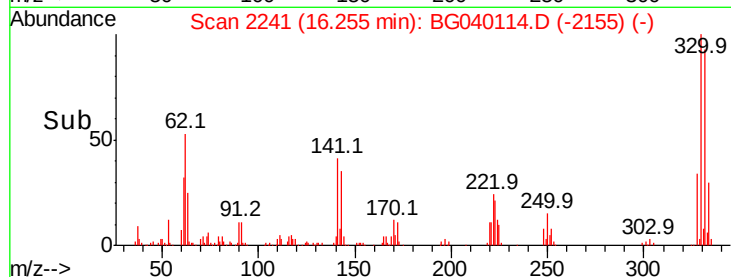
330 100

332 96.7 75.7 113.5

141 41.3 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: 81.934 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

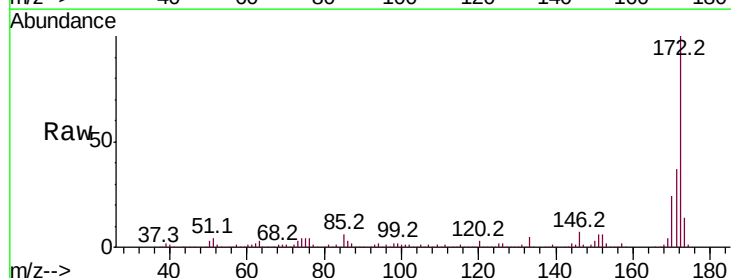
Tgt Ion:172 Resp: 758869

Ion Ratio Lower Upper

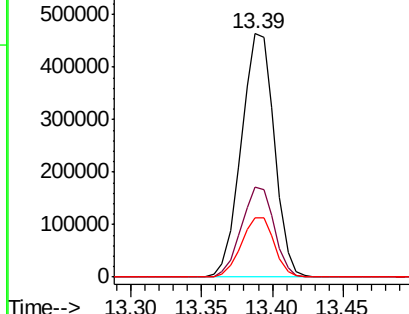
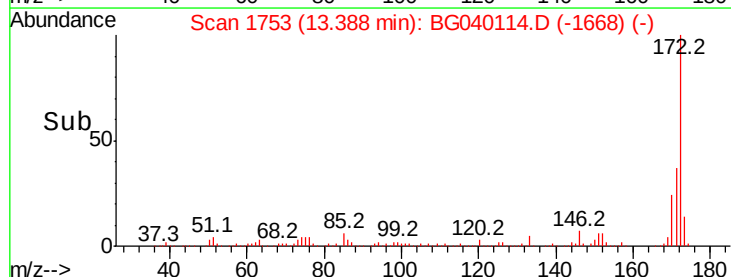
172 100

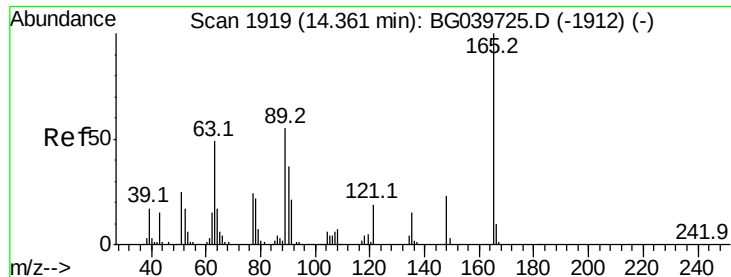
171 37.0 30.8 46.2

170 24.1 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

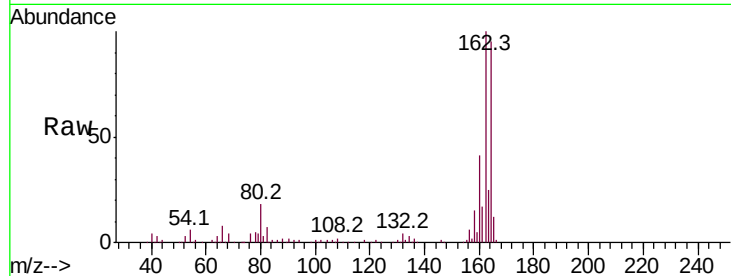




#51
 2,6-Dinitrotoluene
 Concen: 6.913 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Instrument :
 BNA_G
 ClientSampled :

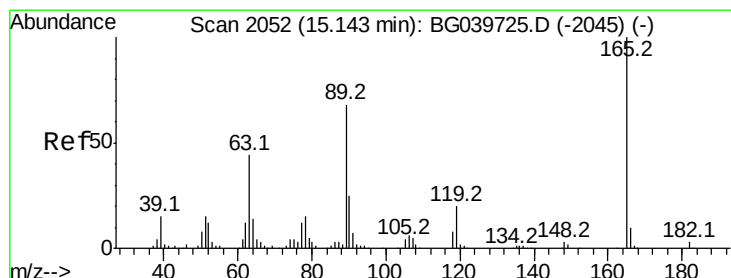
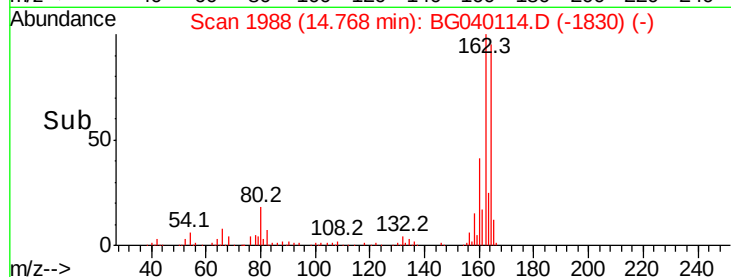
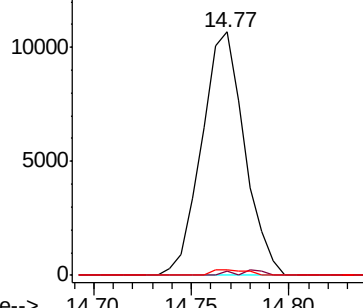
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	47.0	70.6#
89	2.2	45.8	68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

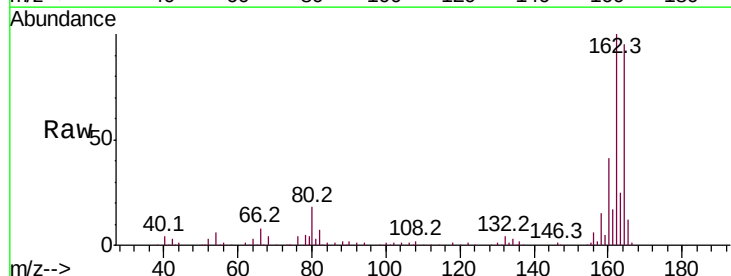
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#57
 2,4-Dinitrotoluene
 Concen: 4.920 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#

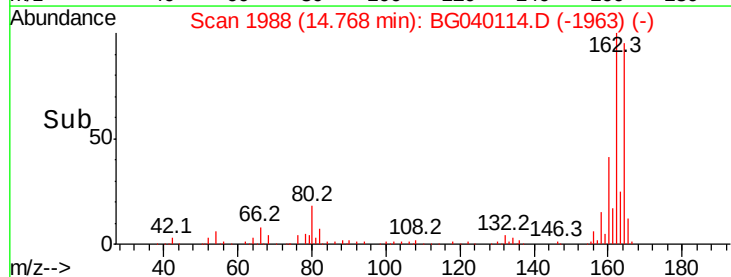
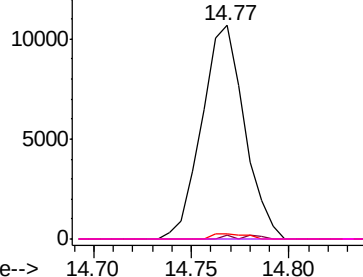


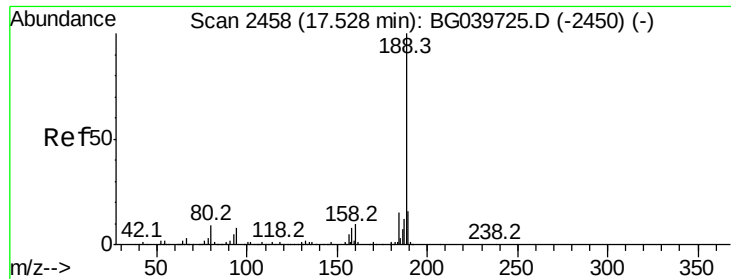
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E

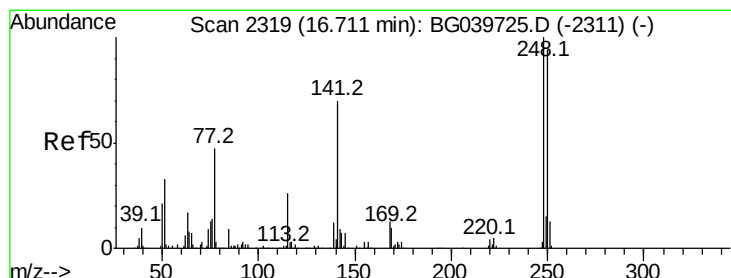
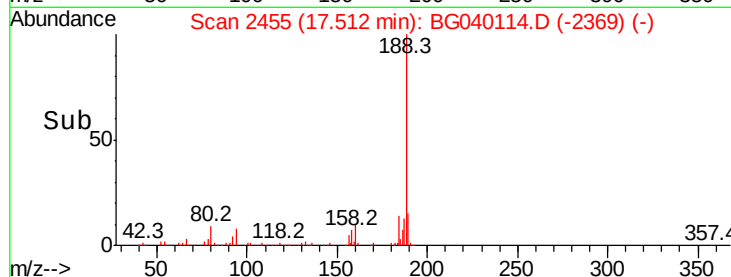
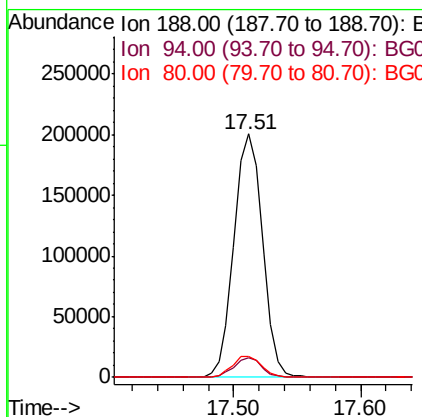
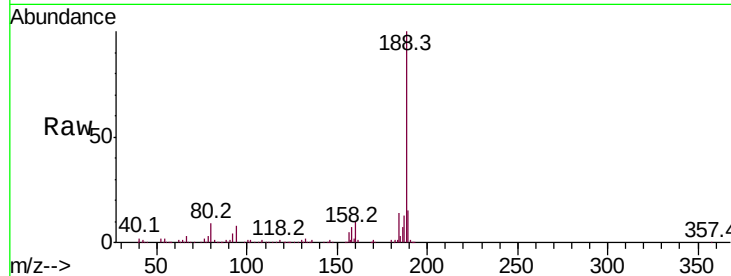




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

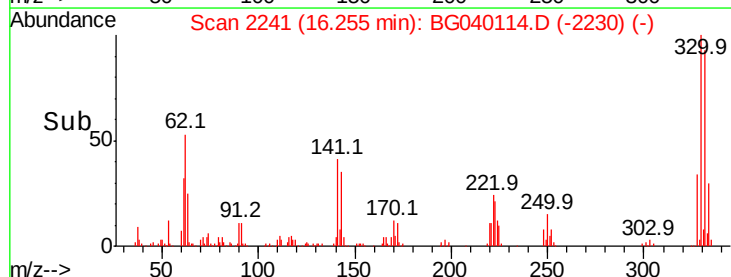
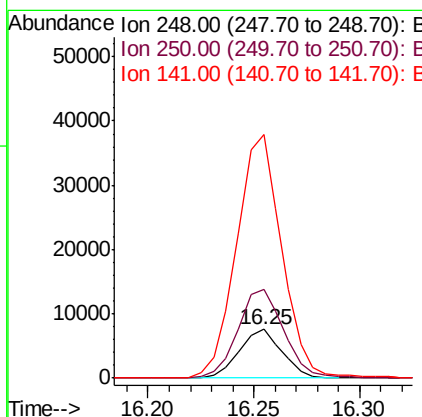
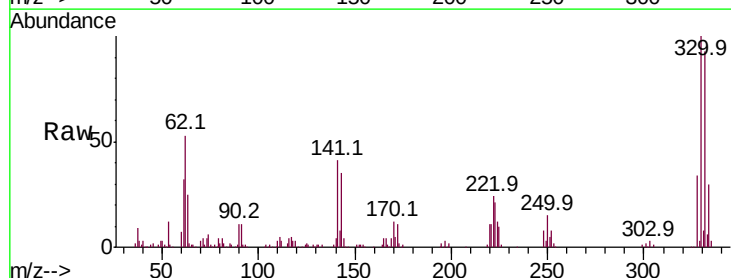
Instrument :
 BNA_G
 ClientSampled :

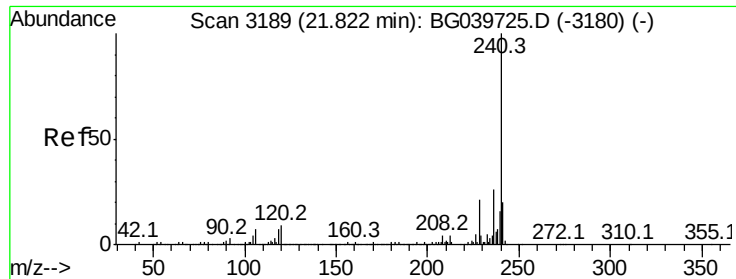
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.6	8.1	12.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.014 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	183.0	77.6	116.4#
141	500.3	63.9	95.9#

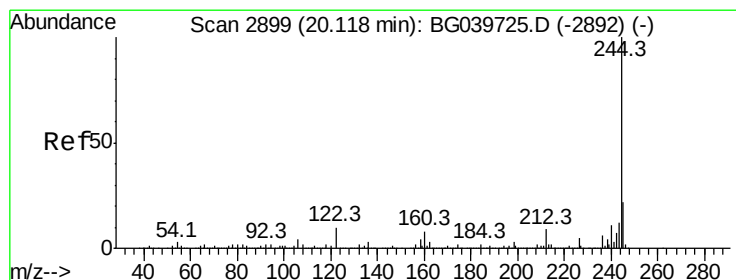
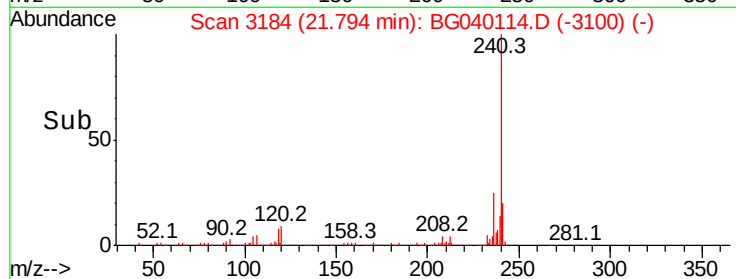
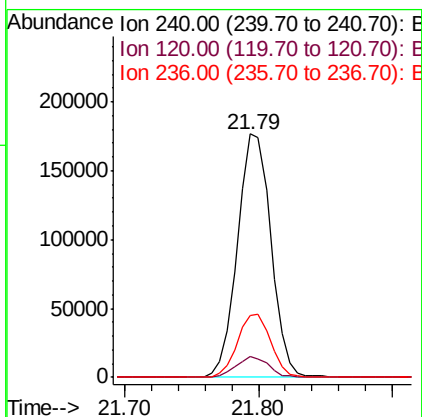
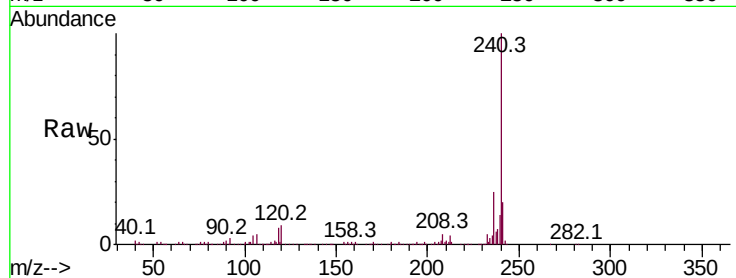




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

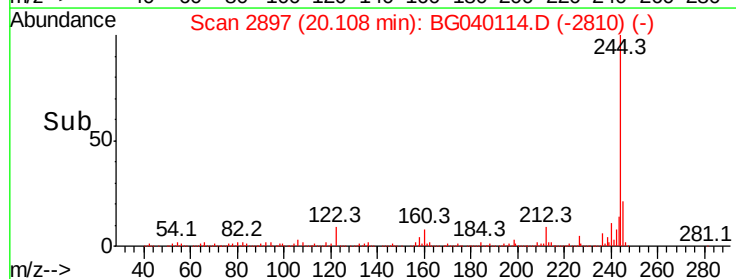
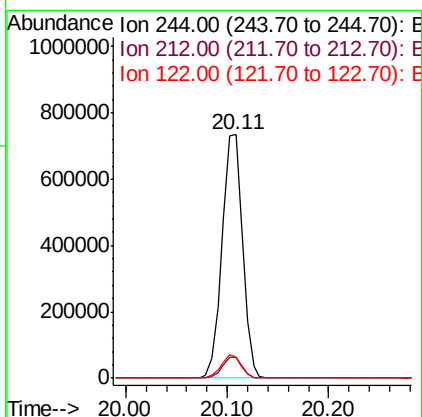
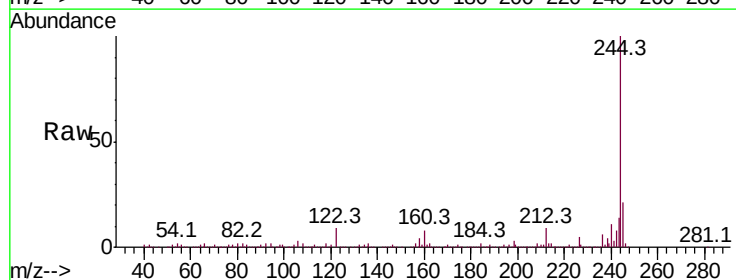
Instrument :
 BNA_G
 ClientSampled :

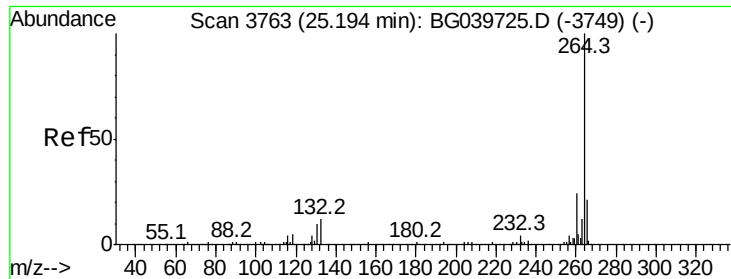
Tot Ion:240 Resp: 307080
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 25.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 74.224 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Tgt Ion:244 Resp: 1035186
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.3 10.9
 122 8.7 8.4 12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3755
 Delta R.T. -0.05 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	21.3	18.5	27.7

