

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
 Data File : BG040294.D
 Acq On : 2 Apr 2019 11:07
 Operator : JU/SJ
 Sample : K1689-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 02 13:45:10 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

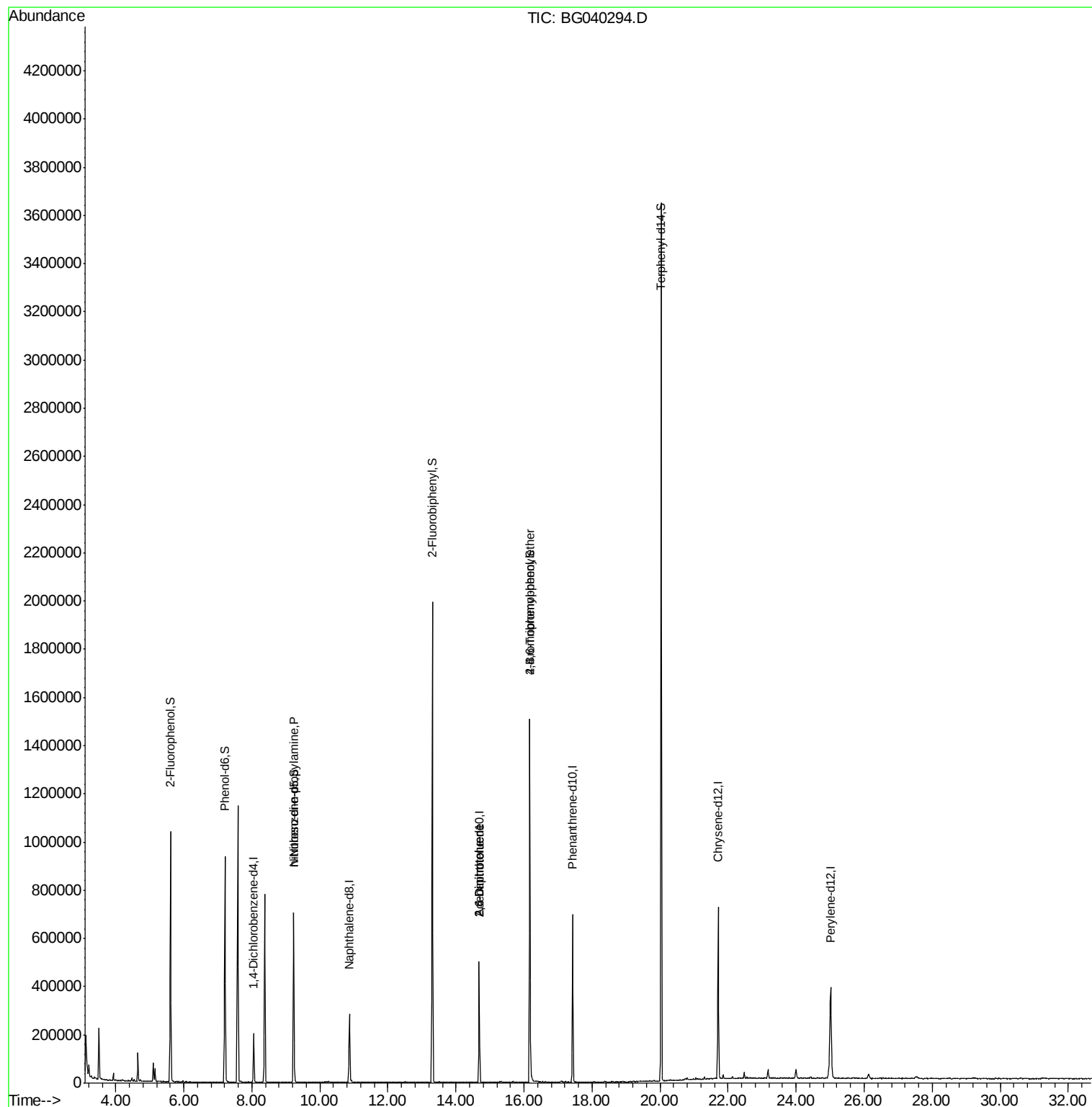
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58299	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	250208	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	173261	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	433114	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	438448	20.00	ng	-0.03
87) Perylene-d12	25.01	264	435798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	451141	128.64	ng	-0.01
7) Phenol-d6	7.21	99	582445	120.18	ng	-0.01
23) Nitrobenzene-d5	9.23	82	442324	93.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	279081	149.04	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1059729	90.63	ng	-0.02
79) Terphenyl-d14	20.03	244	1734647	89.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	57108	16.435	ng	# 70
51) 2,6-Dinitrotoluene	14.68	165	22298	7.323	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	22298	5.271	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	21560	4.423	ng	# 1

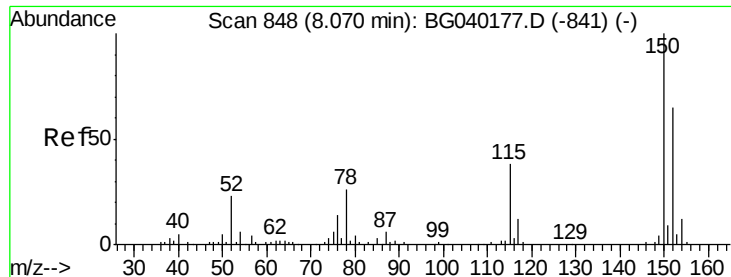
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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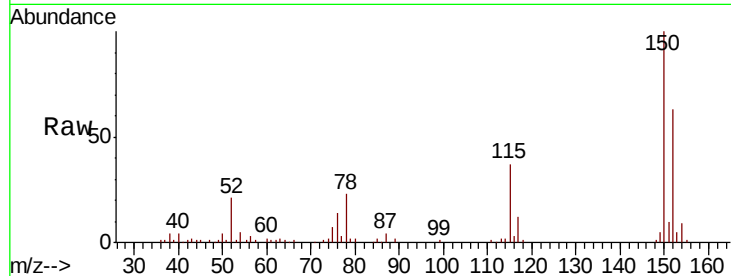


#1

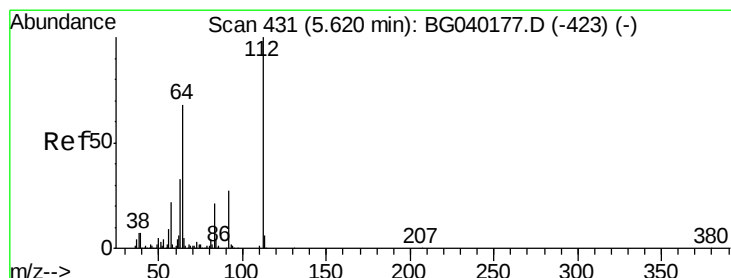
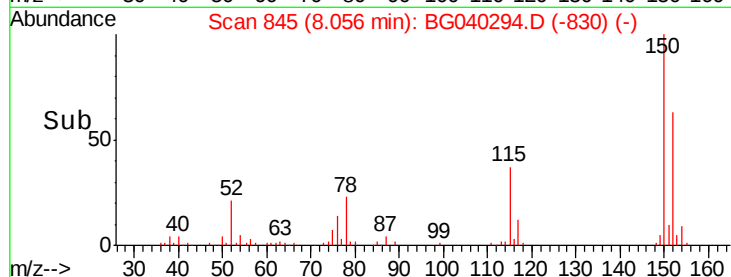
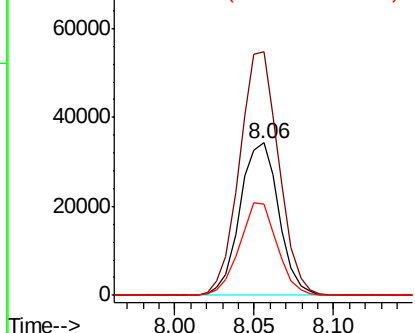
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58299
Ion Ratio Lower Upper
152 100
150 159.7 123.7 185.5
115 59.8 46.9 70.3



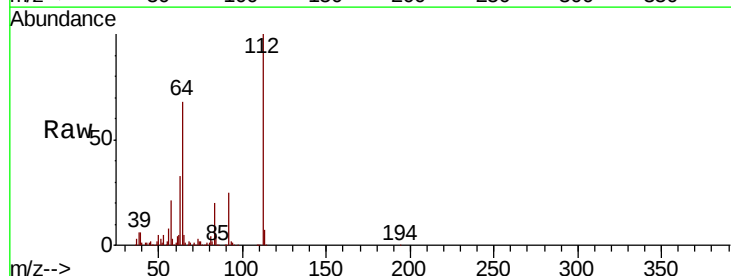
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



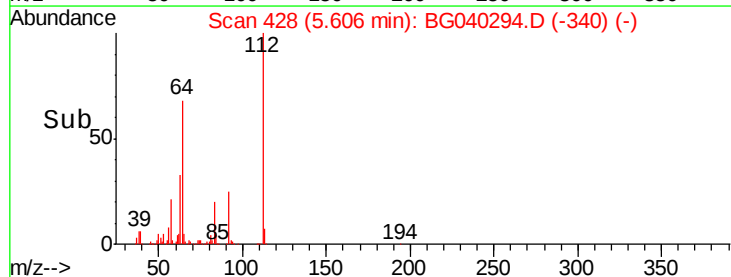
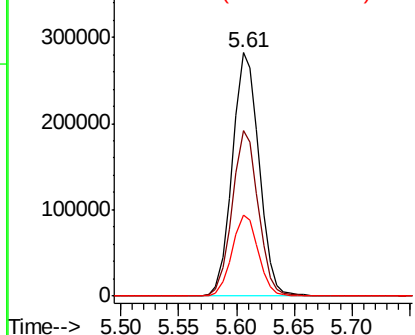
#5

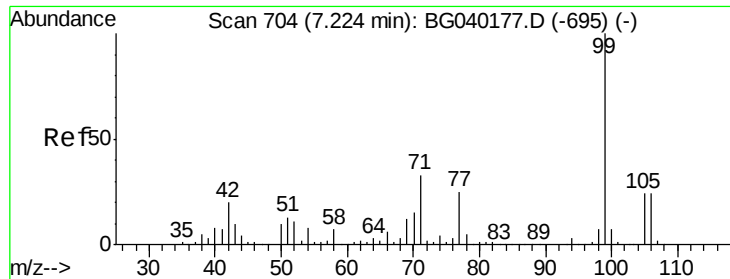
2-Fluorophenol
Concen: 128.644 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

Tgt Ion:112 Resp: 451141
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.2
63 33.3 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: 120.176 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040294.D

Acq: 2 Apr 2019 11:07

Instrument :

BNA_G

ClientSampleId :

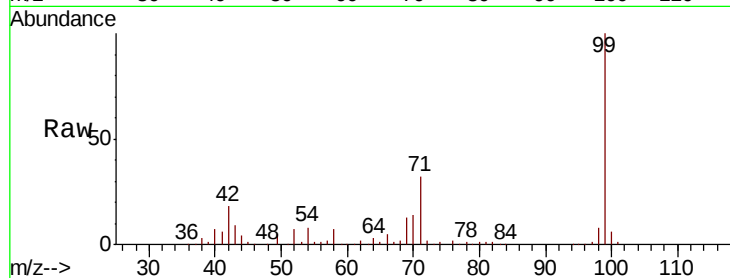
Tot Ion: 99 Resp: 582445

Ion Ratio Lower Upper

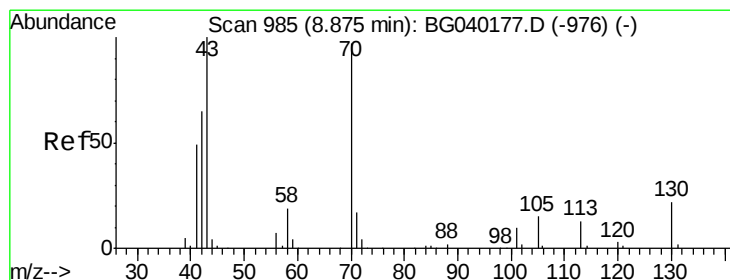
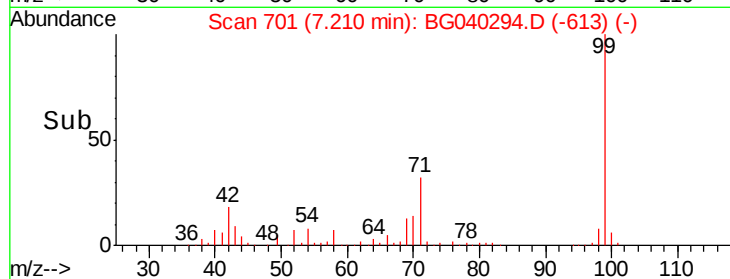
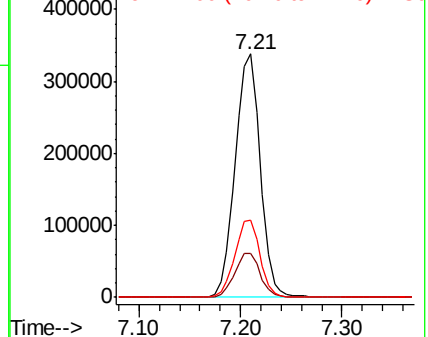
99 100

42 18.1 16.2 24.2

71 31.6 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.435 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040294.D

Acq: 2 Apr 2019 11:07

Tgt Ion: 70 Resp: 57108

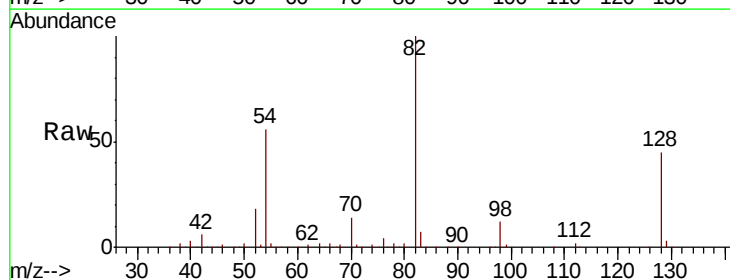
Ion Ratio Lower Upper

70 100

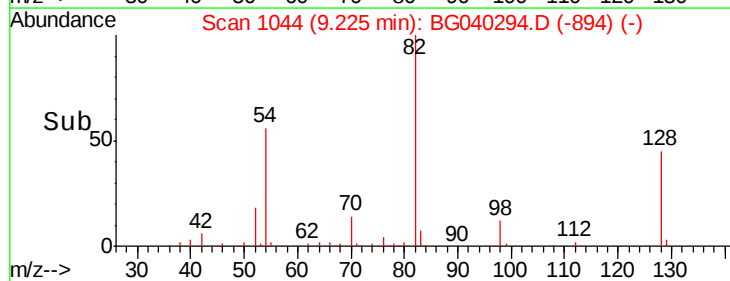
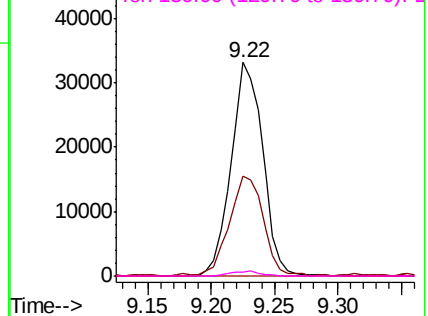
42 46.5 54.0 81.0#

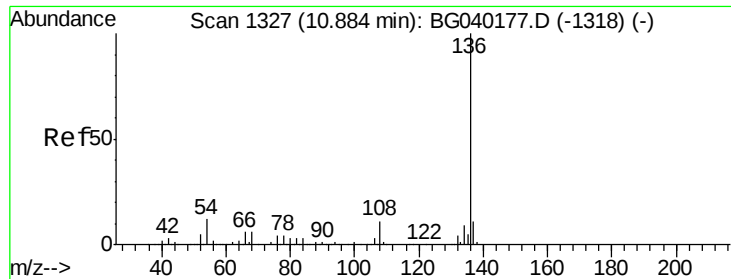
101 0.0 8.6 13.0#

130 1.8 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

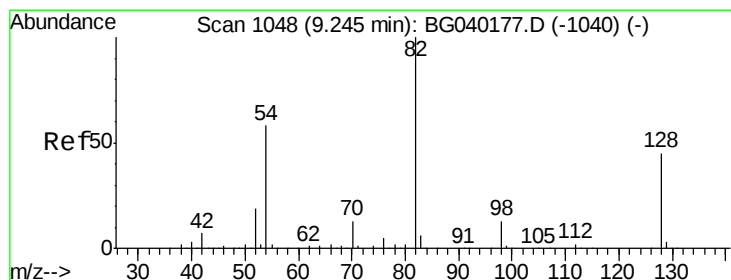
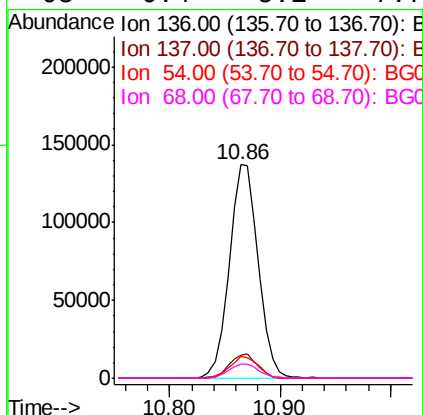
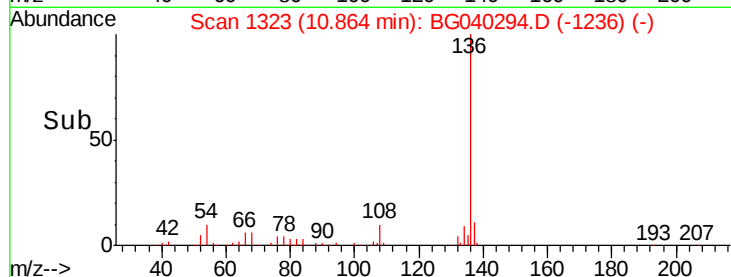
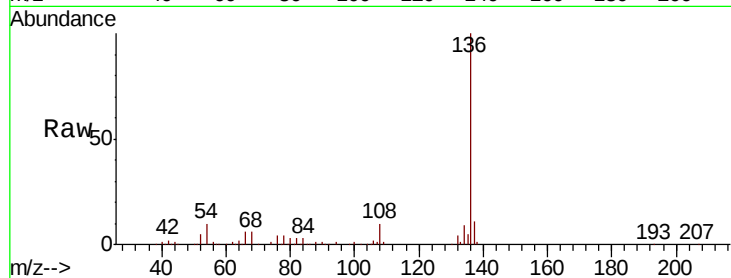




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

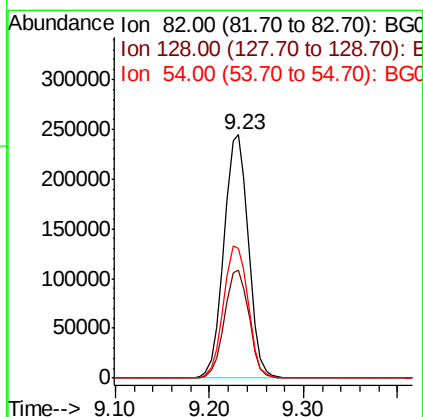
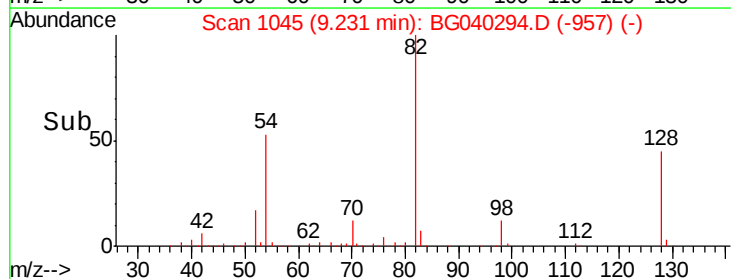
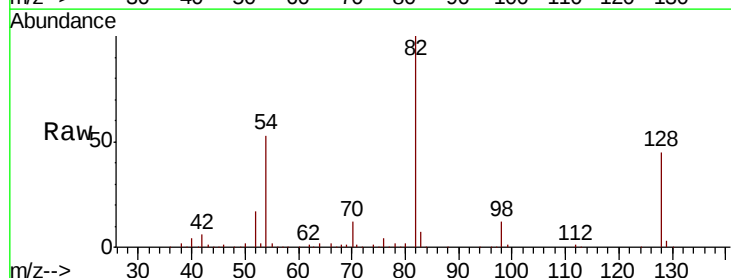
Instrument :
BNA_G
ClientSampleId :

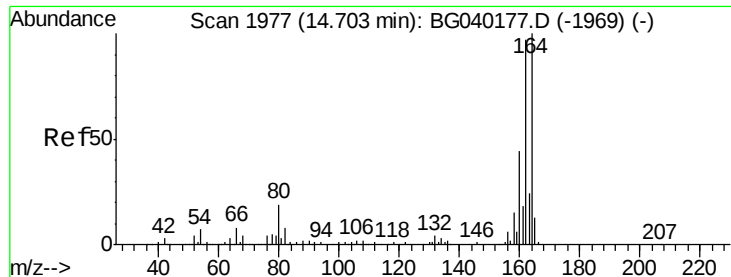
Tot Ion:136	Resp:	250208
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	10.0	9.6 14.4
68	6.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 93.966 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

Tgt Ion: 82	Resp:	442324
Ion	Ratio	Lower Upper
82	100	
128	44.5	35.8 53.8
54	53.5	46.2 69.2

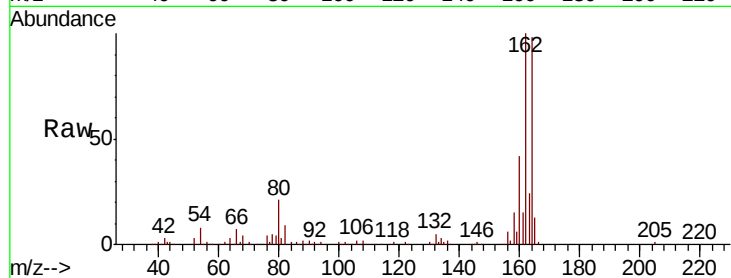




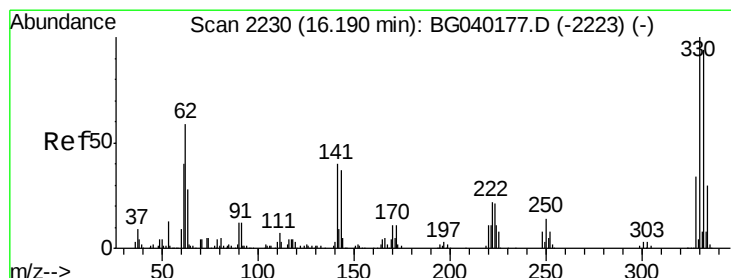
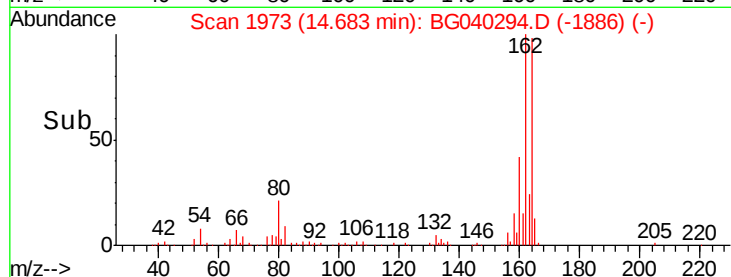
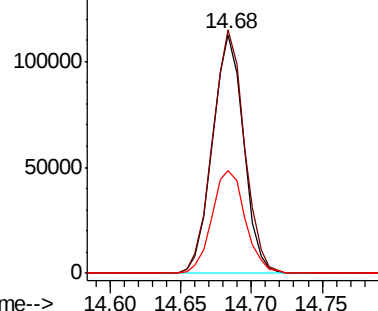
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 173261
Ion Ratio Lower Upper
164 100
162 101.9 77.4 116.2
160 43.1 35.3 52.9

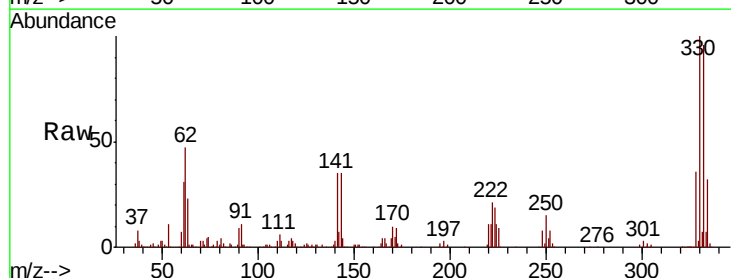


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

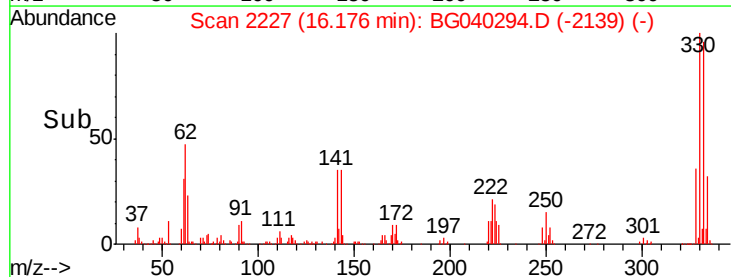
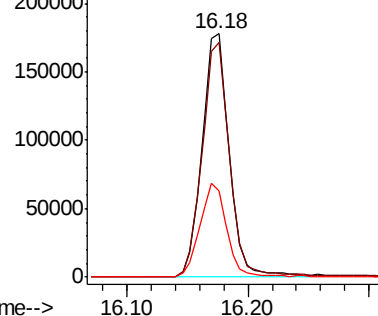


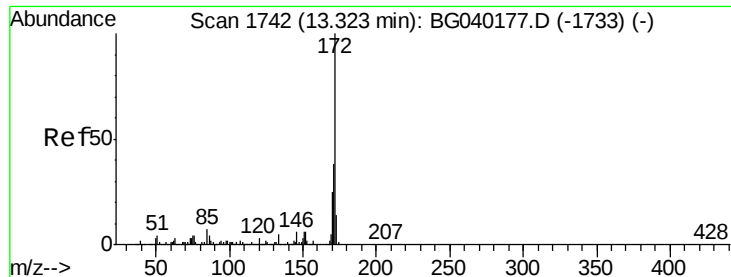
#42
2,4,6-Tribromophenol
Concen: 149.042 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

Tgt Ion:330 Resp: 279081
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 37.8 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

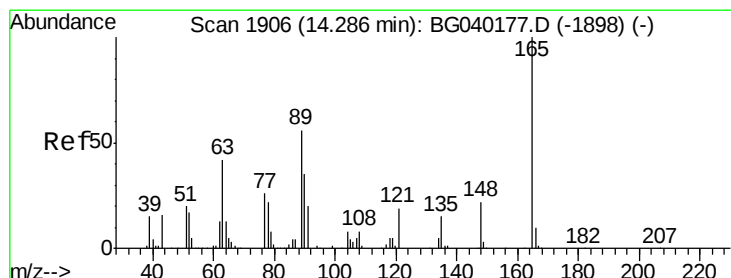
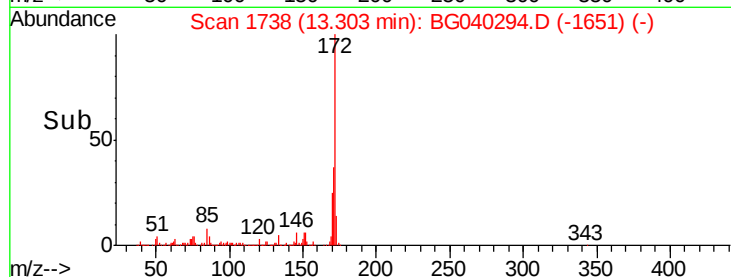
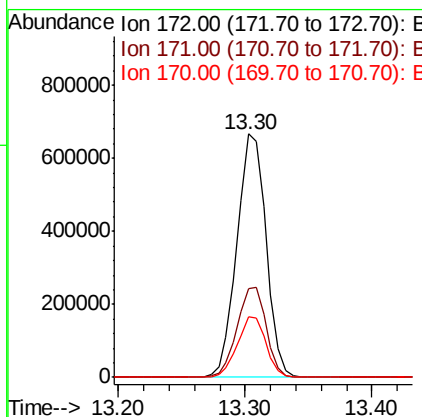
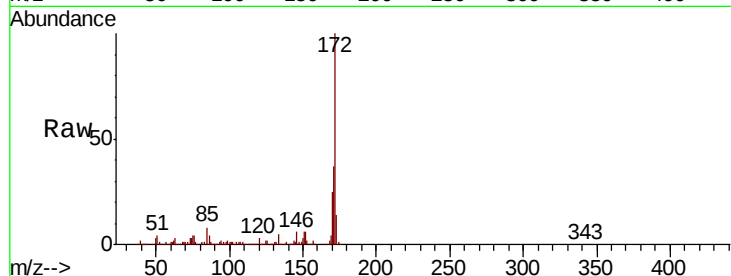




#45
2-Fluorobiphenyl
Concen: 90.630 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

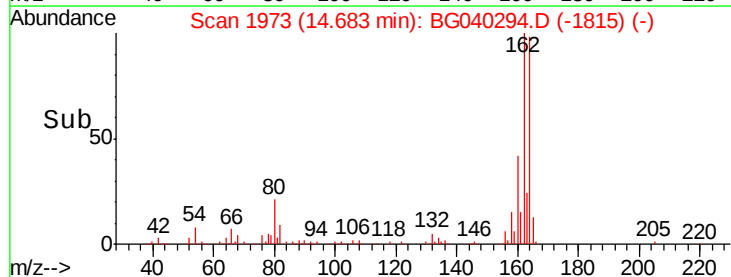
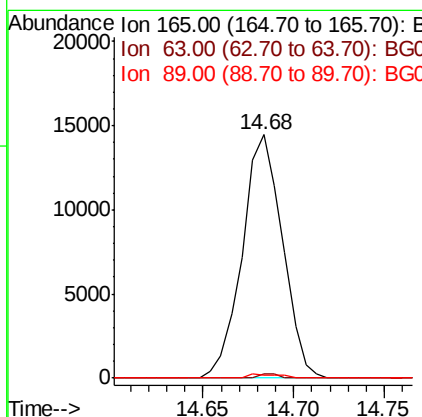
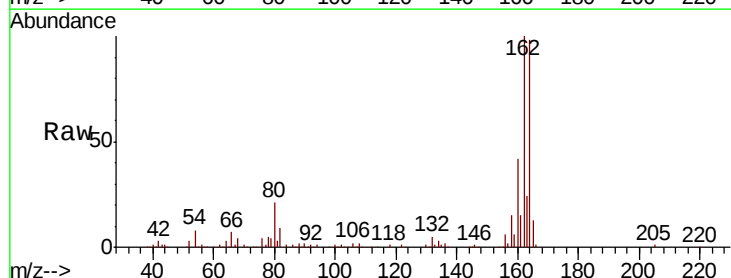
Instrument :
BNA_G
ClientSampleId :

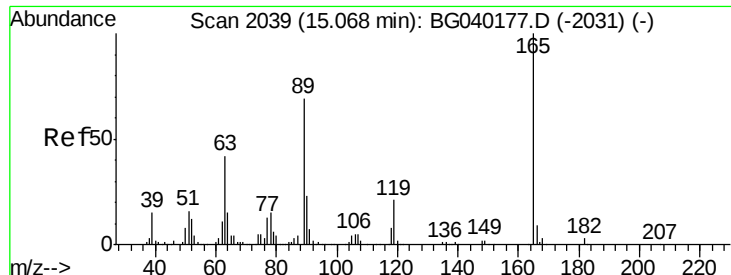
Tot Ion:172 Resp: 1059729
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 24.9 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.323 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040294.D
Acq: 2 Apr 2019 11:07

Tgt Ion:165 Resp: 22298
Ion Ratio Lower Upper
165 100
63 2.0 44.1 66.1#
89 1.1 44.9 67.3#

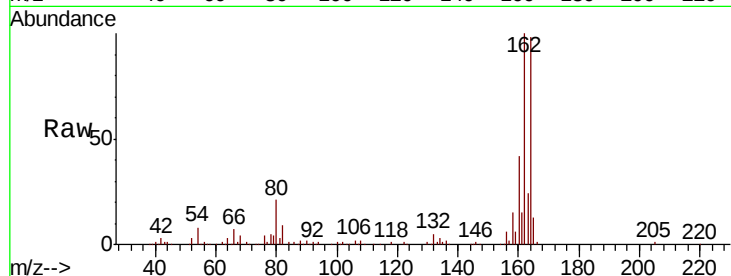




#57
 2,4-Dinitrotoluene
 Concen: 5.271 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG040294.D
 Acq: 2 Apr 2019 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.8	50.6#
89	1.1	55.4	83.2#
182	0.0	2.2	3.4#



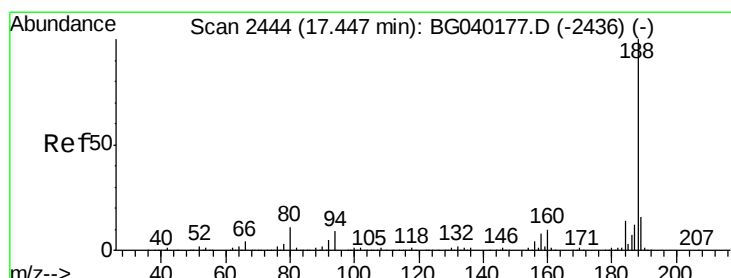
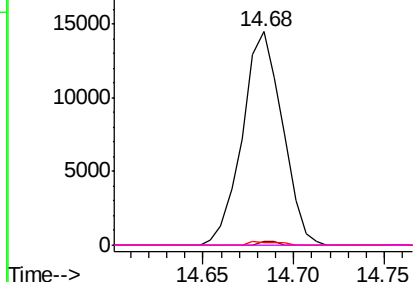
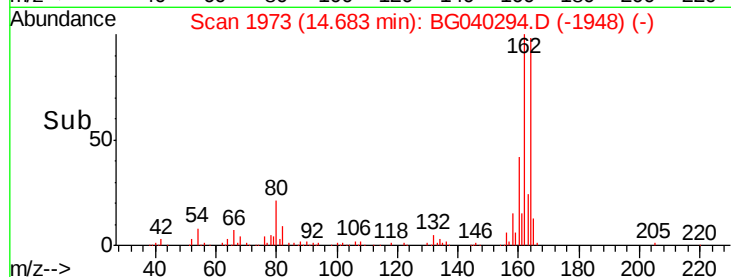
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

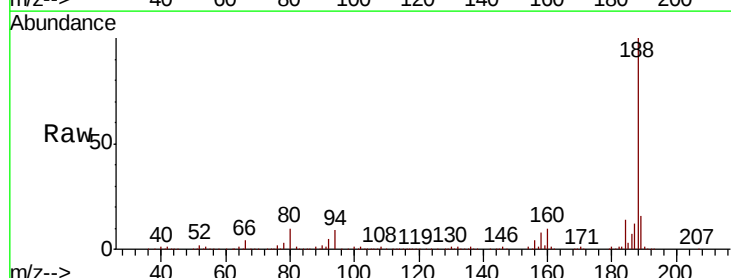
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040294.D
 Acq: 2 Apr 2019 11:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.7	8.6	13.0

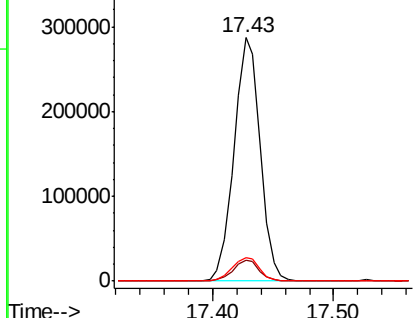
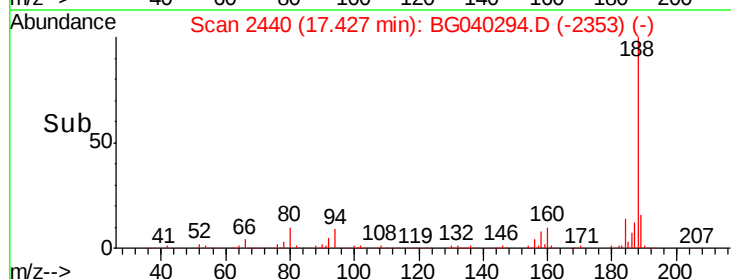


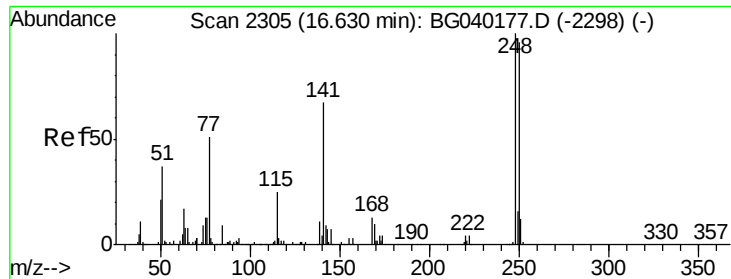
Abundance

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

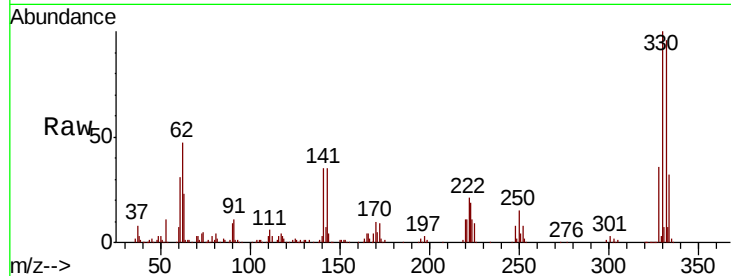




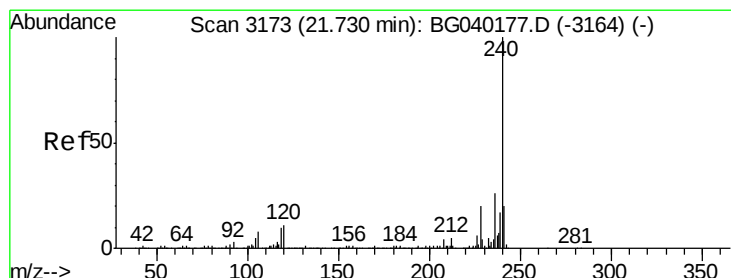
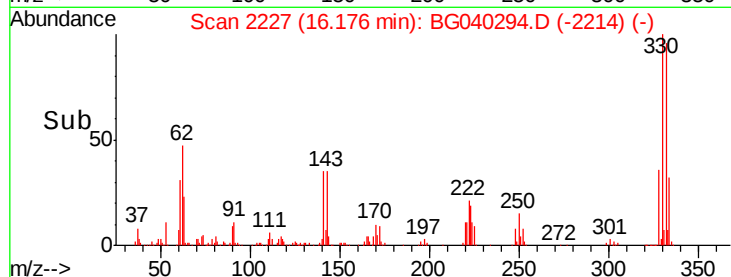
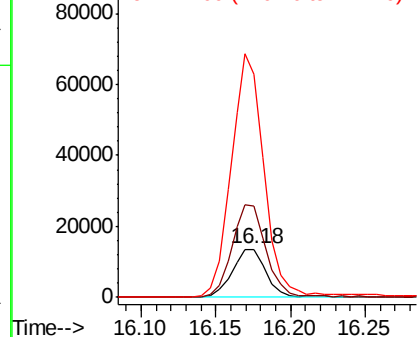
#67
 4-Bromophenyl-phenylether
 Concen: 4.423 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG040294.D
 Acq: 2 Apr 2019 11:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 21560
 Ion Ratio Lower Upper
 248 100
 250 190.6 76.4 114.6#
 141 462.4 53.8 80.8#

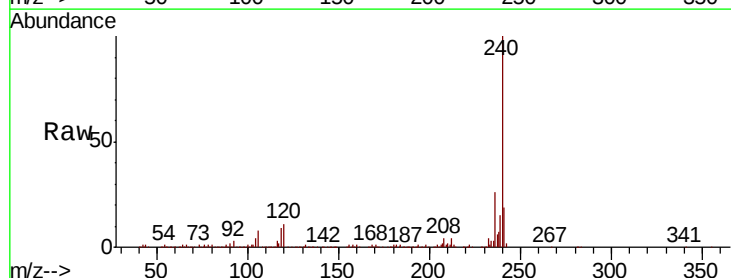


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

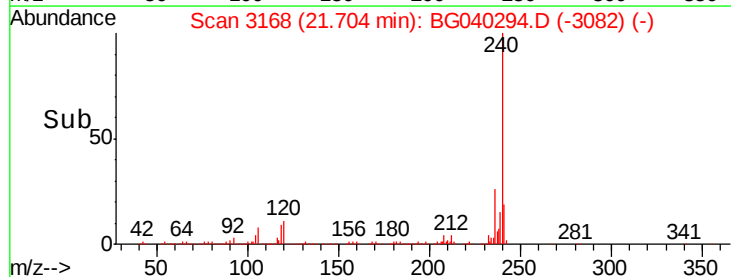
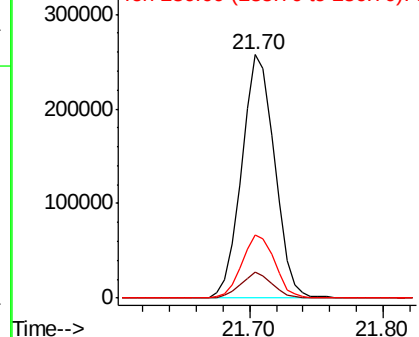


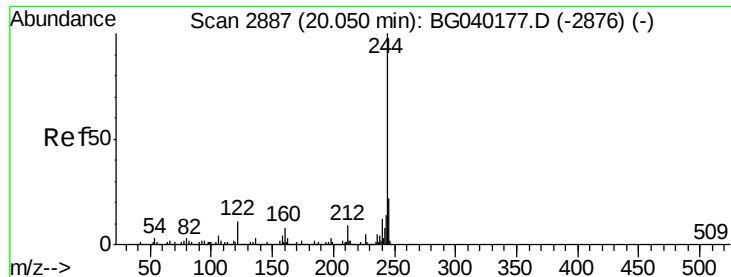
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.03 min
 Lab File: BG040294.D
 Acq: 2 Apr 2019 11:07

Tgt Ion:240 Resp: 438448
 Ion Ratio Lower Upper
 240 100
 120 10.6 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: 89.004 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040294.D

Acq: 2 Apr 2019 11:07

Instrument :

BNA_G

ClientSampleId :

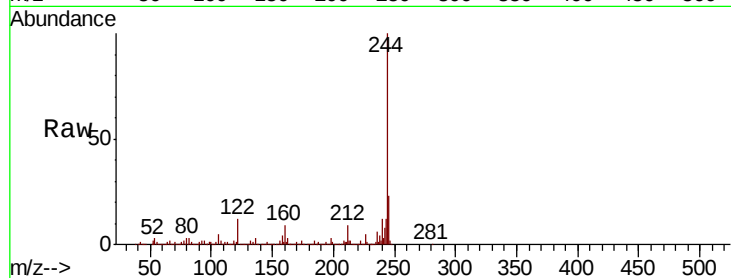
Tot Ion:244 Resp: 1734647

Ion Ratio Lower Upper

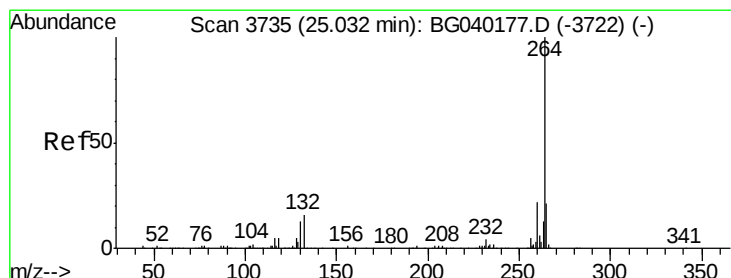
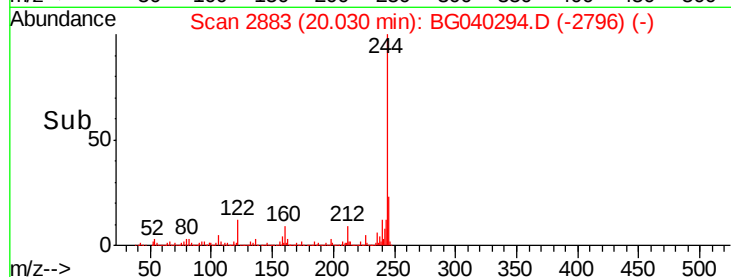
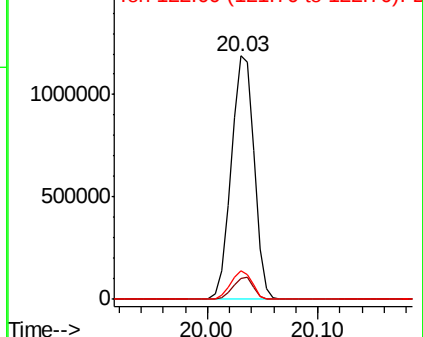
244 100

212 8.6 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# 3731

Delta R.T. -0.02 min

Lab File: BG040294.D

Acq: 2 Apr 2019 11:07

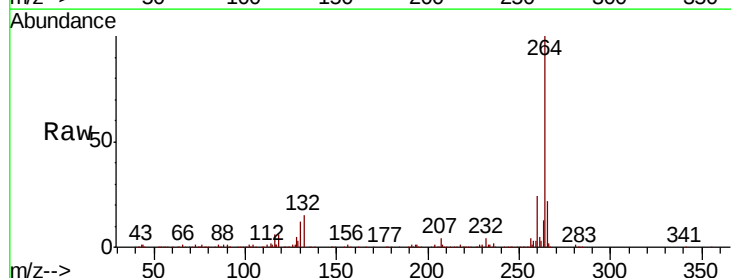
Tgt Ion:264 Resp: 435798

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 21.6 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

