

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043730.D
 Acq On : 20 Nov 2019 16:33
 Operator : JU
 Sample : K5904-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:35:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

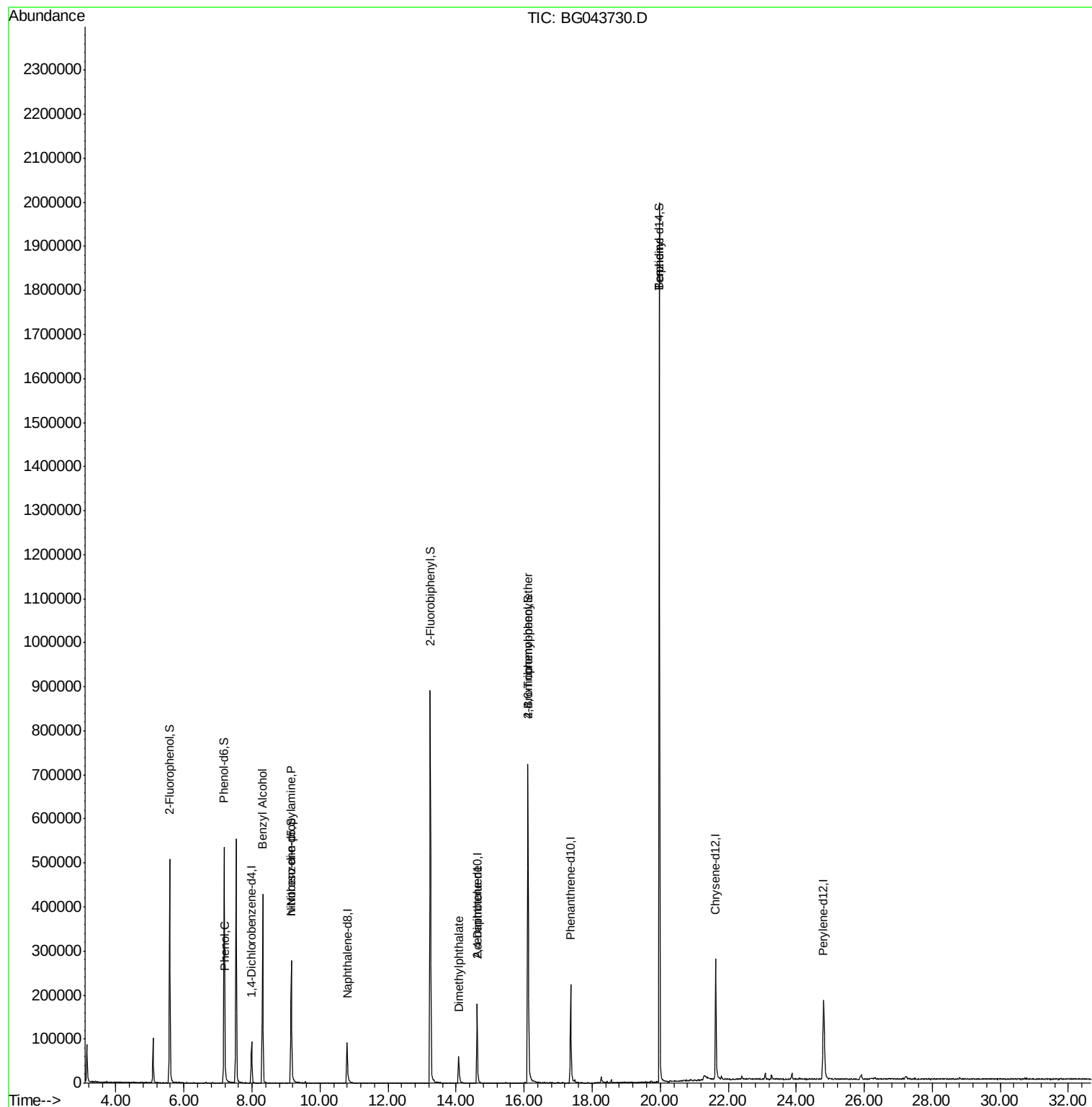
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27561	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	94950	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	74226	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	187493	20.00	ng	0.00
76) Chrysene-d12	21.63	240	199416	20.00	ng	0.00
87) Perylene-d12	24.80	264	229595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	231843	154.15	ng	0.00
7) Phenol-d6	7.18	99	327011	151.12	ng	0.00
23) Nitrobenzene-d5	9.15	82	191896	104.19	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	192673	136.40	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	524638	97.67	ng	0.00
79) Terphenyl-d14	19.98	244	1107715	104.21	ng	0.00
Target Compounds						
10) Phenol	7.21	94	13218	6.684	ng	72
15) Benzyl Alcohol	8.31	79	3305	2.175	ng	# 52
19) n-Nitroso-di-n-propylamine	9.15	70	26878	19.222	ng	# 66
50) Dimethylphthalate	14.08	163	58651	10.201	ng	97
57) 2,4-Dinitrotoluene	14.62	165	9942	5.570	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	12675	5.023	ng	# 1
77) Benzidine	19.97	184	16757	4.175	ng	# 1

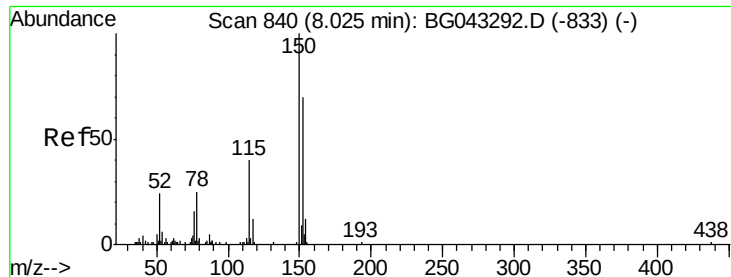
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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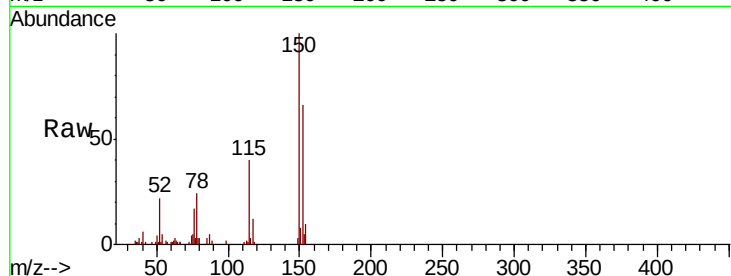


#1

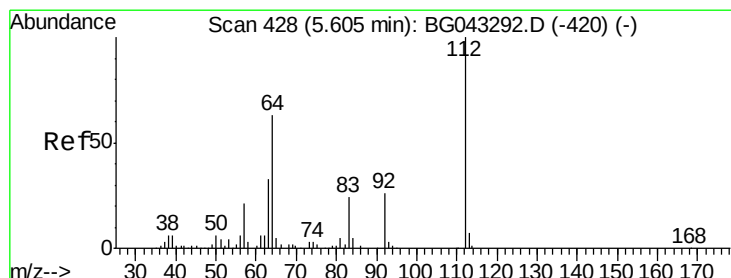
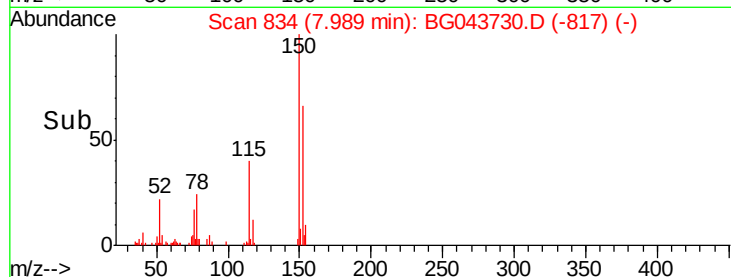
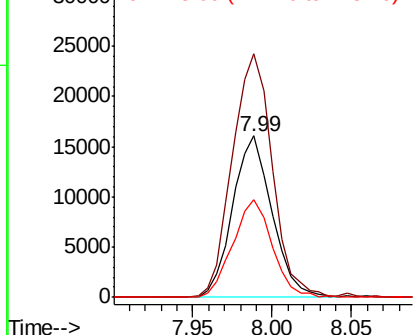
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27561
Ion Ratio Lower Upper
152 100
150 150.8 116.6 175.0
115 60.3 40.5 60.7



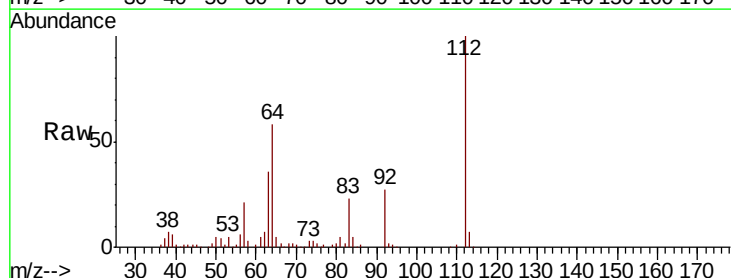
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



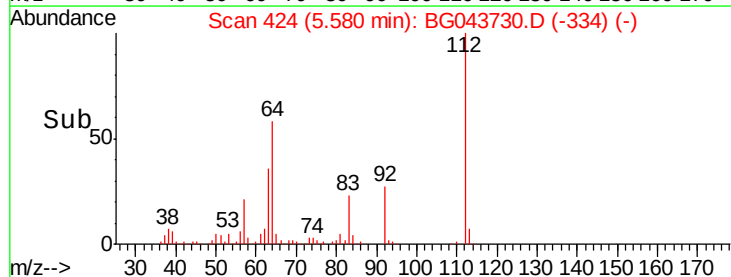
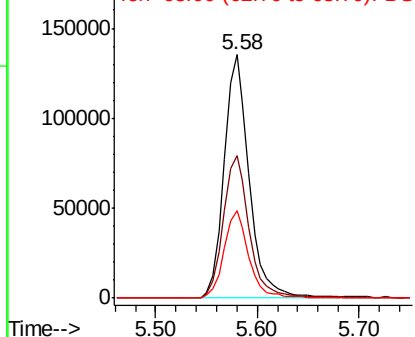
#5

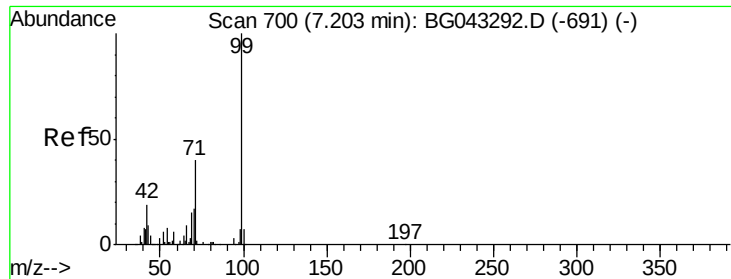
2-Fluorophenol
Concen: 154.145 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion:112 Resp: 231843
Ion Ratio Lower Upper
112 100
64 58.4 50.6 75.8
63 36.1 30.5 45.7



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: 151.116 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

Instrument :

BNA_G

ClientSampled :

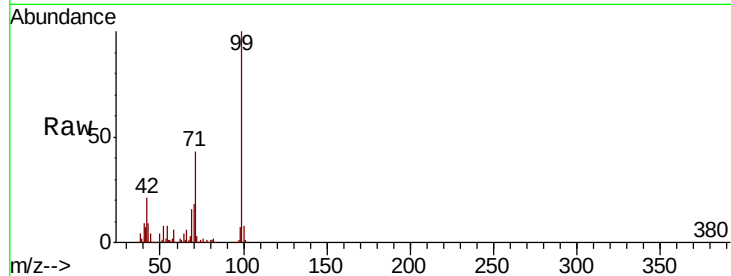
Tot Ion: 99 Resp: 327011

Ion Ratio Lower Upper

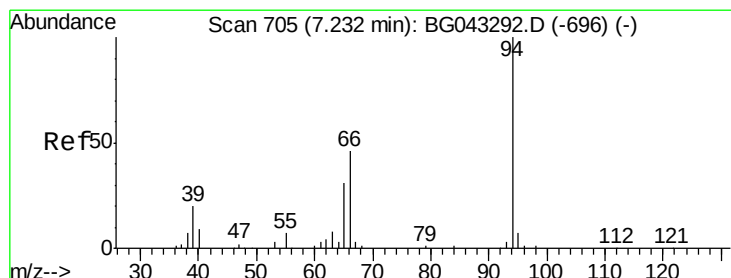
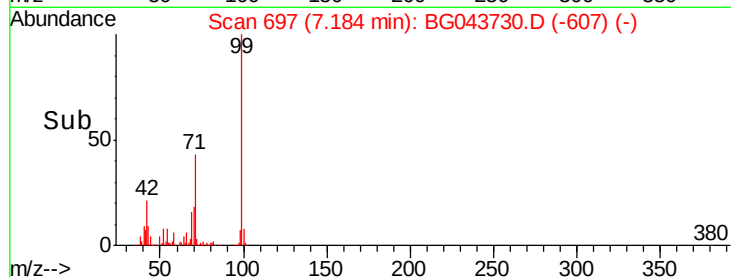
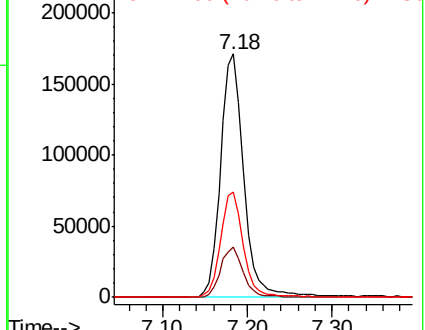
99 100

42 20.8 15.8 23.8

71 43.4 34.4 51.6



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: 6.684 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

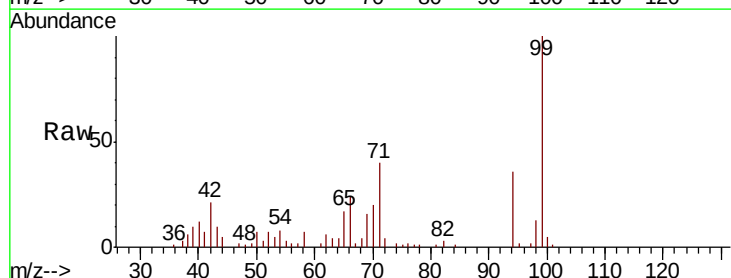
Tgt Ion: 94 Resp: 13218

Ion Ratio Lower Upper

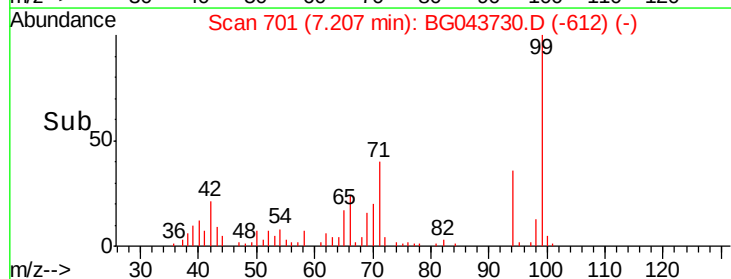
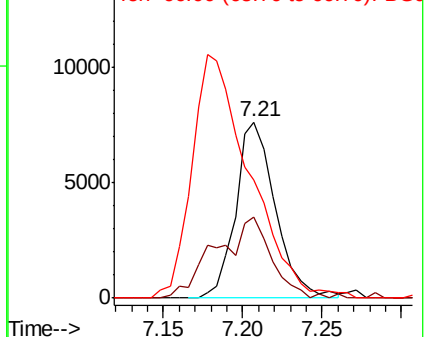
94 100

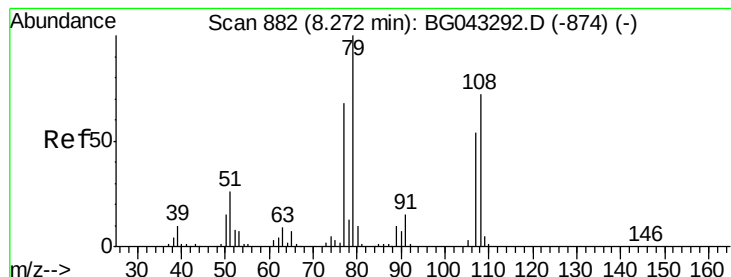
65 46.4 11.4 51.4

66 67.4 28.4 68.4



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





#15

Benzyl Alcohol

Concen: 2.175 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.07 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

Instrument :

BNA_G

ClientSampleId :

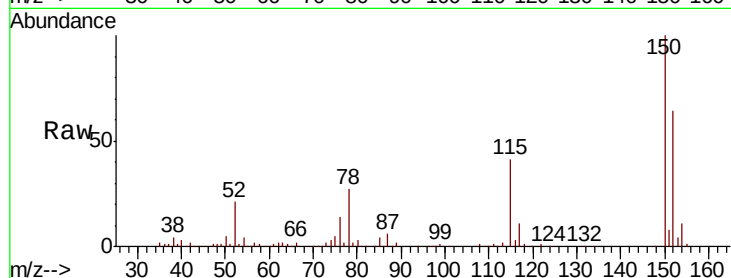
Tot Ion: 79 Resp: 3305

Ion Ratio Lower Upper

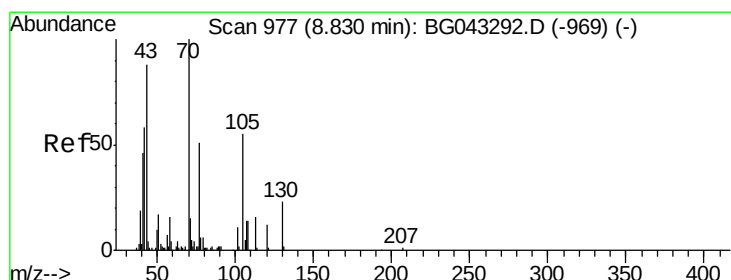
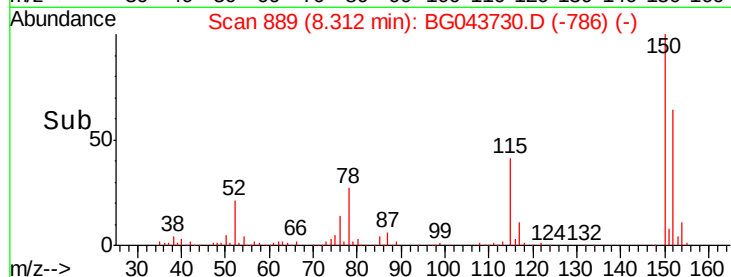
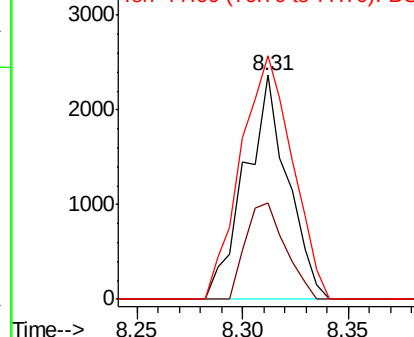
79 100

108 42.9 56.0 84.0#

77 108.7 47.9 71.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.222 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.35 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

Tgt Ion: 70 Resp: 26878

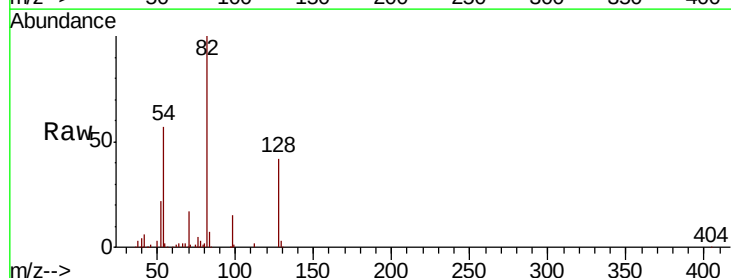
Ion Ratio Lower Upper

70 100

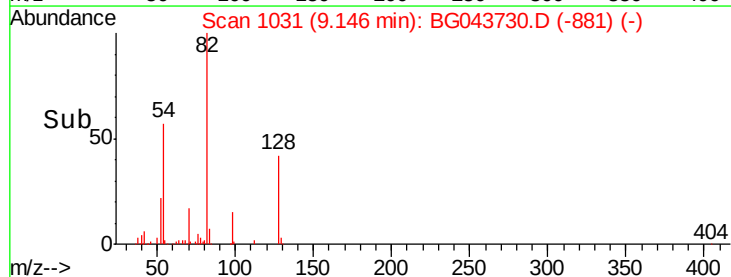
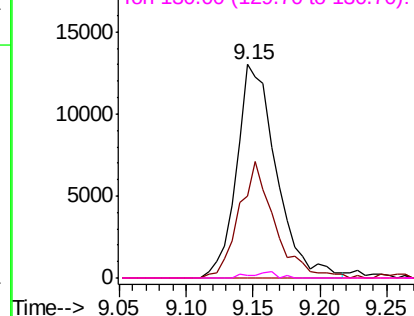
42 38.4 49.7 74.5#

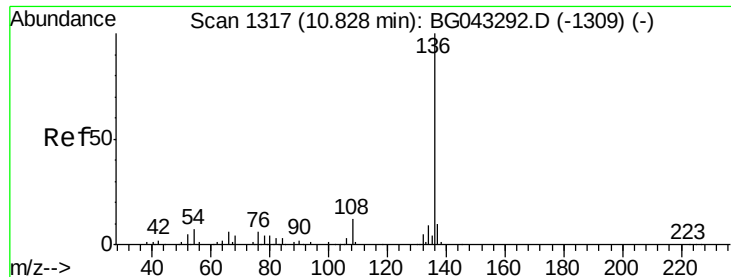
101 0.0 9.7 14.5#

130 1.3 17.7 26.5#



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

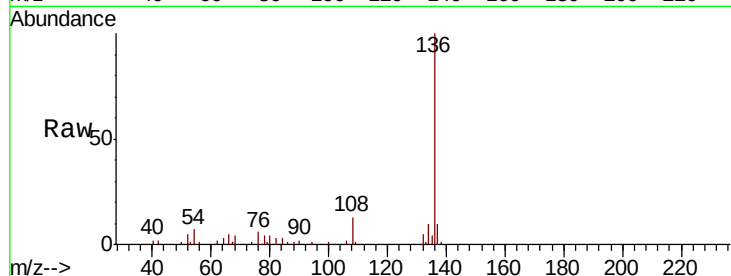




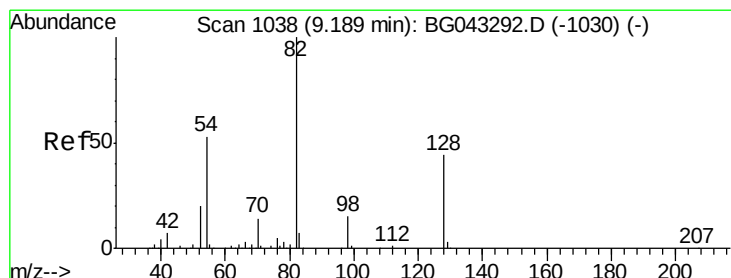
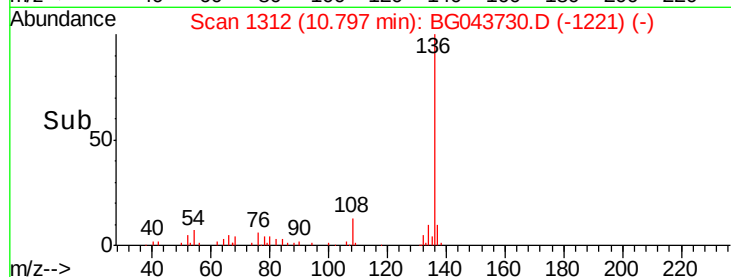
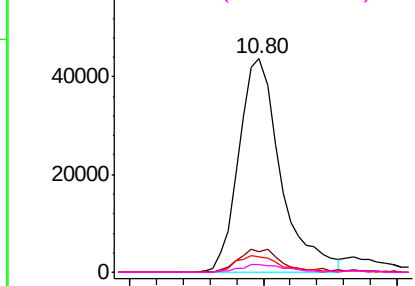
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	94950	
Ion Ratio	Lower	Upper	
136 100			
137 9.9	8.8	13.2	
54 7.2	6.2	9.2	
68 3.7	3.4	5.0	

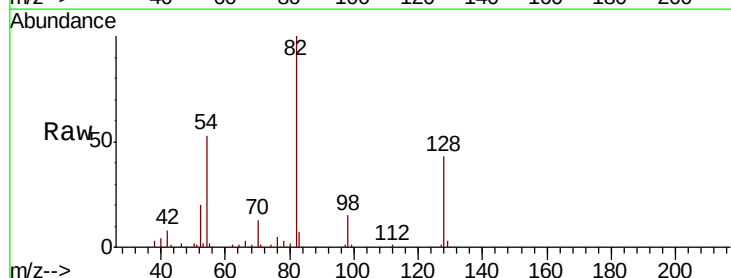


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

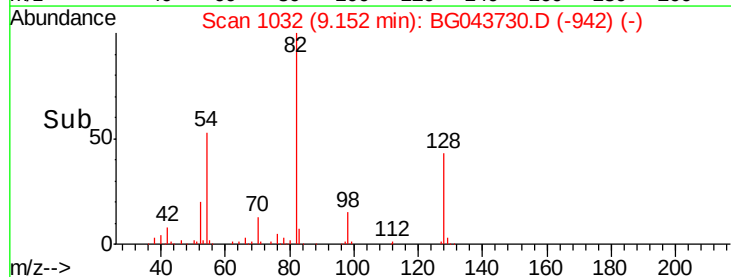
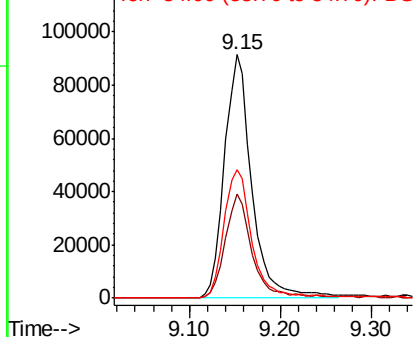


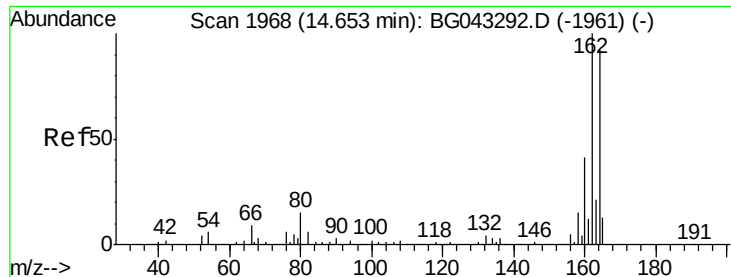
#23
Nitrobenzene-d5
Concen: 104.193 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion: 82	Resp: 191896
Ion Ratio	Lower Upper
82 100	
128 42.7	34.2 51.4
54 52.9	44.7 67.1



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: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

Instrument :

BNA_G

ClientSampled :

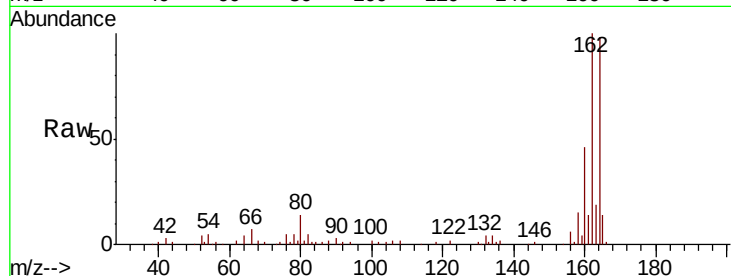
Tot Ion:164 Resp: 74226

Ion Ratio Lower Upper

164 100

162 101.8 79.4 119.2

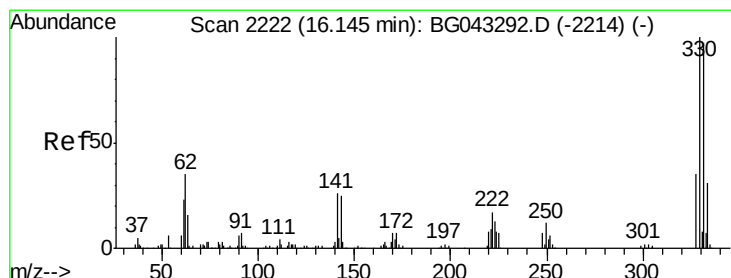
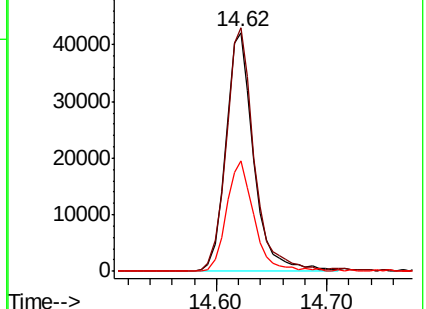
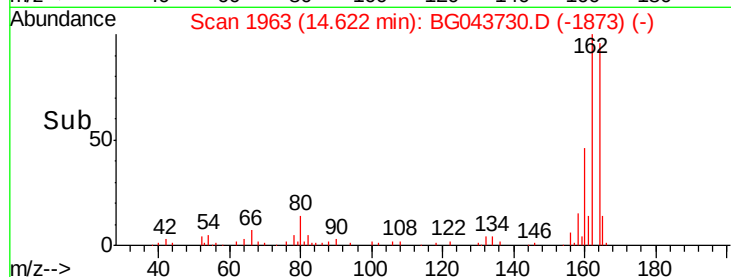
160 46.5 36.3 54.5



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: 136.403 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

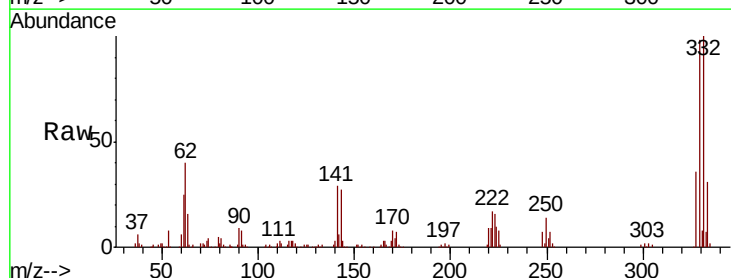
Tgt Ion:330 Resp: 192673

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

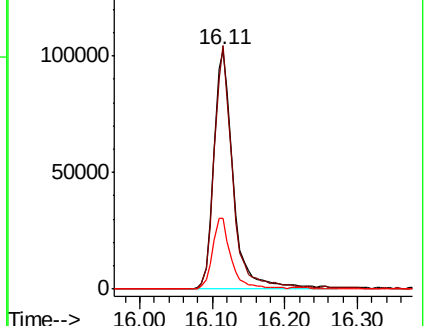
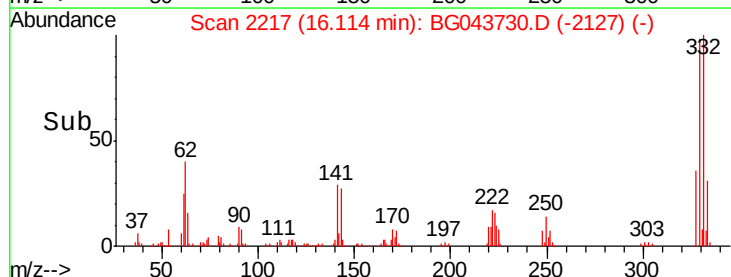
141 28.5 23.4 35.2

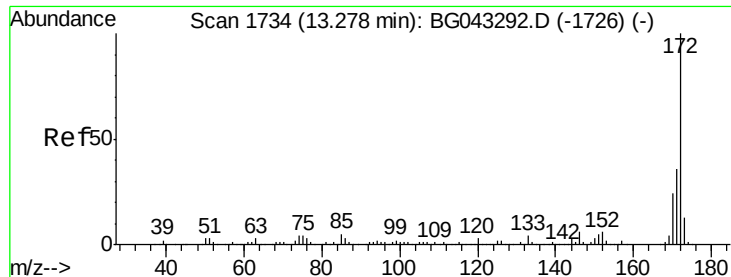


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

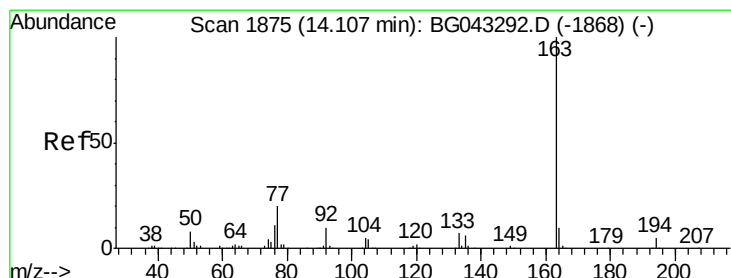
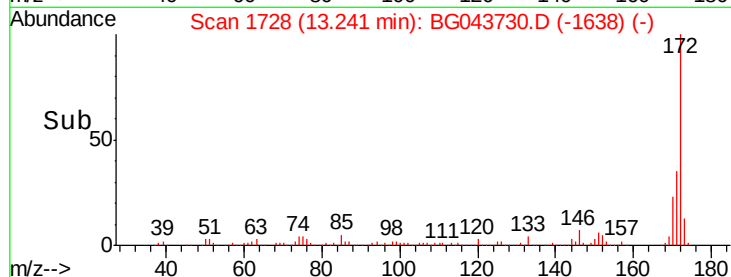
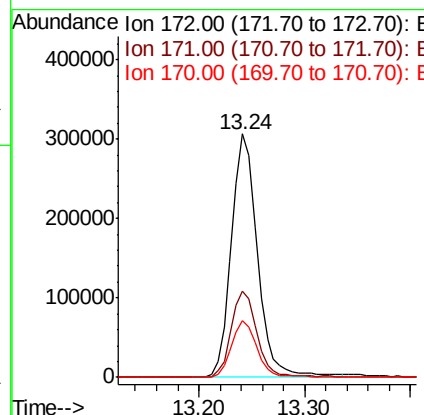
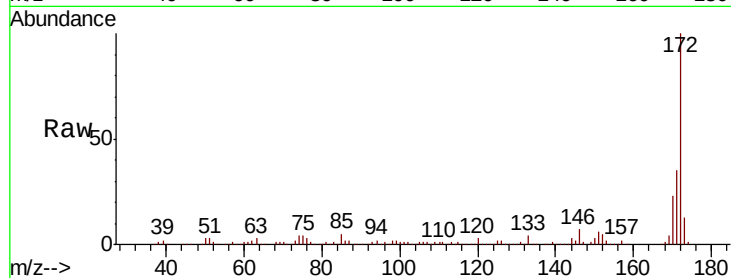




#45
 2-Fluorobiphenyl
 Concen: 97.667 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043730.D
 Acq: 20 Nov 2019 16:33

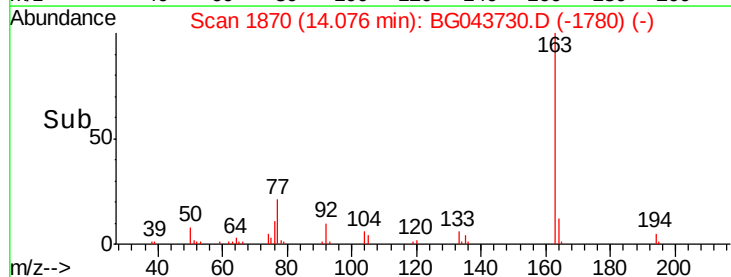
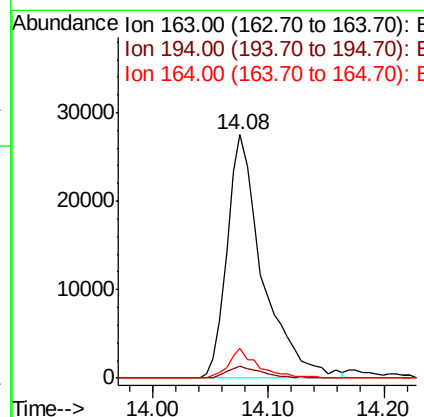
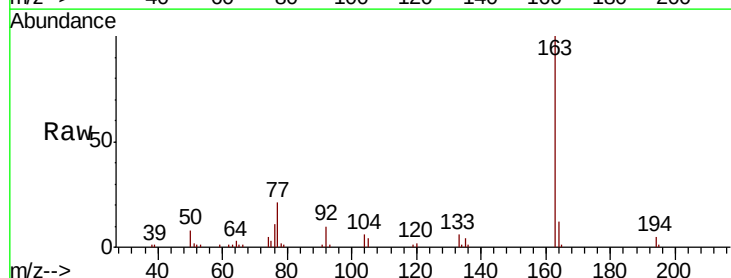
Instrument :
 BNA_G
 ClientSampleId :

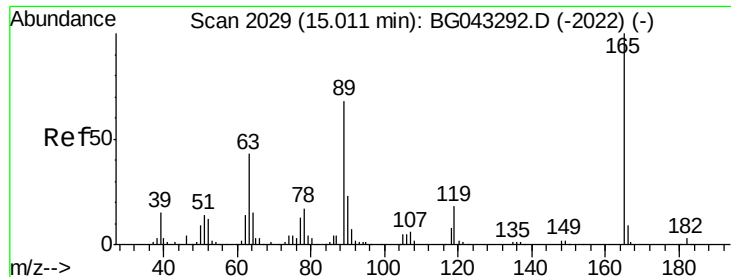
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.3	18.8	28.2



#50
 Dimethylphthalate
 Concen: 10.201 ng
 RT: 14.08 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BG043730.D
 Acq: 20 Nov 2019 16:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	12.2	8.5	12.7

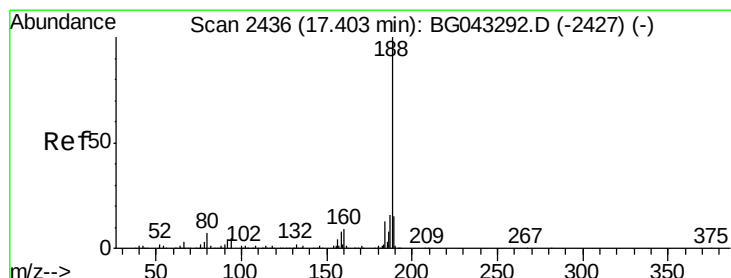
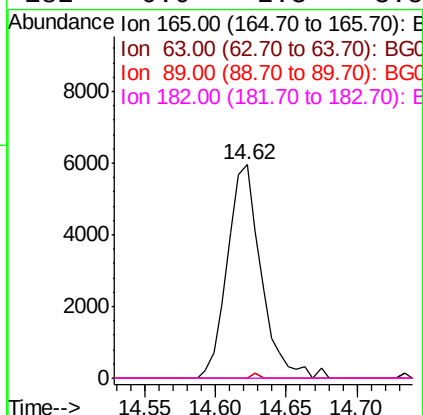
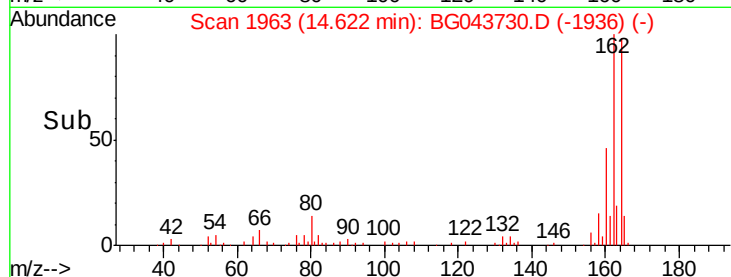
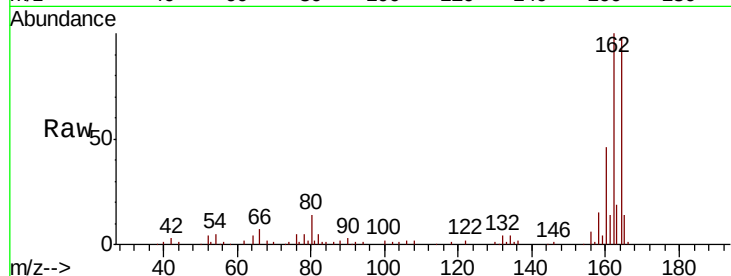




#57
 2,4-Dinitrotoluene
 Concen: 5.570 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.37 min
 Lab File: BG043730.D
 Acq: 20 Nov 2019 16:33

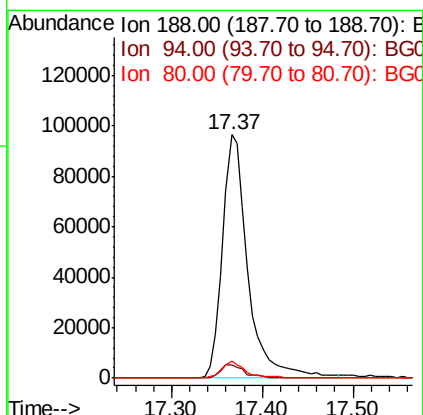
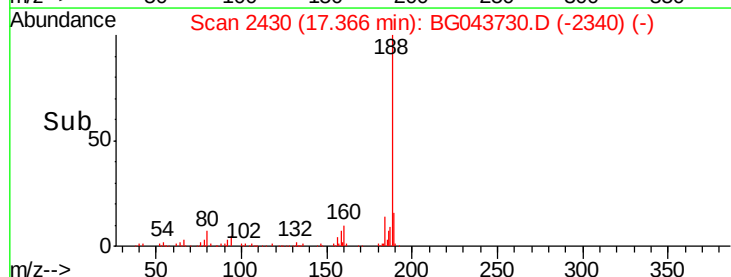
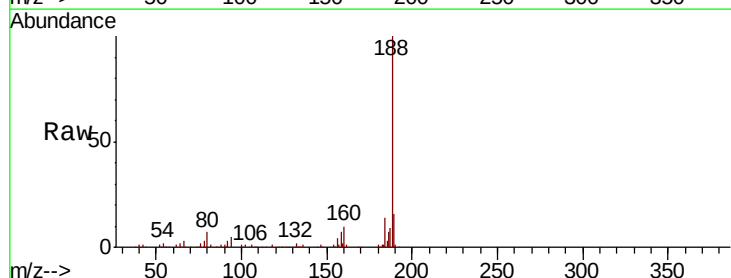
Instrument :
 BNA_G
 ClientSampleId :

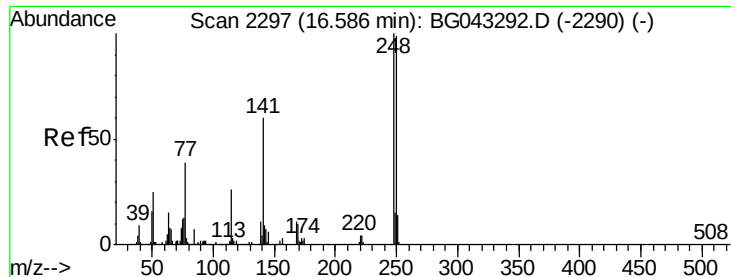
Tot Ion:165	Resp: 9942
Ion Ratio	Lower Upper
165 100	
63 0.0	37.4 56.0#
89 0.0	50.9 76.3#
182 0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG043730.D
 Acq: 20 Nov 2019 16:33

Tgt Ion:188	Resp: 187493
Ion Ratio	Lower Upper
188 100	
94 5.3	4.6 7.0
80 6.9	5.2 7.8

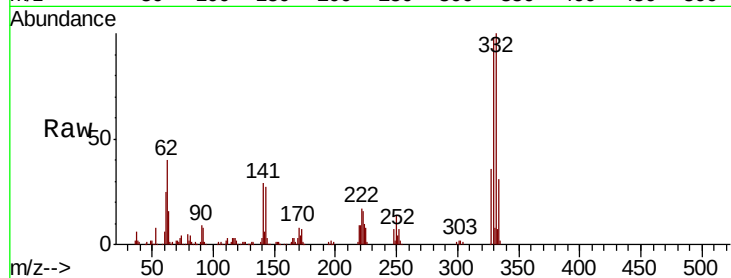




#67
4-Bromophenyl-phenylether
Concen: 5.023 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.44 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	204.5	76.3	114.5#
141	435.9	49.5	74.3#

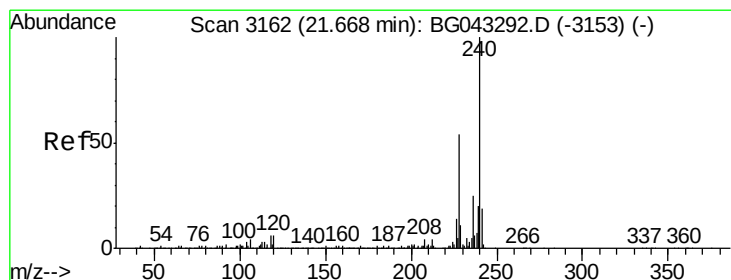
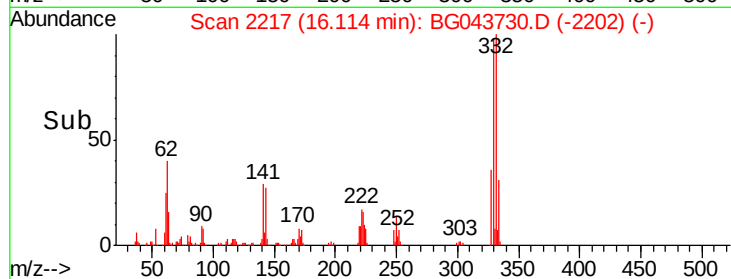
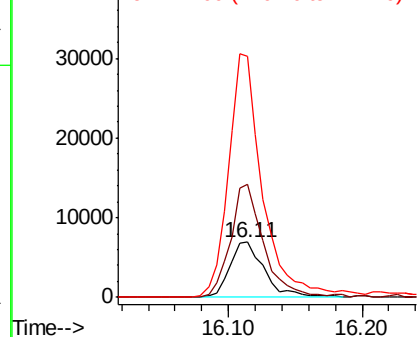


Abundance

Ion 248.00 (247.70 to 248.70): E

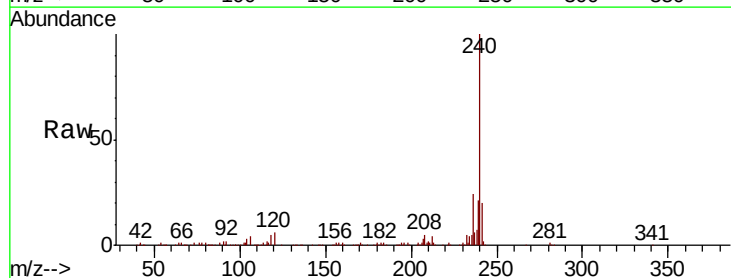
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.9	7.3
236	24.5	21.4	32.0

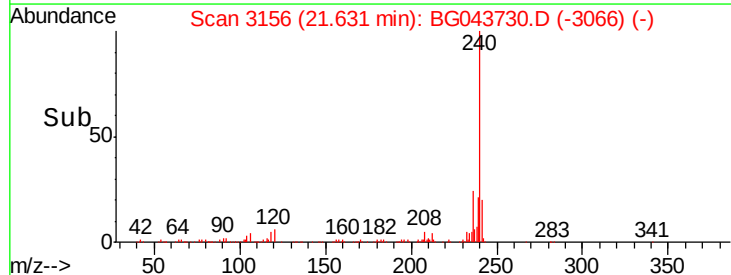
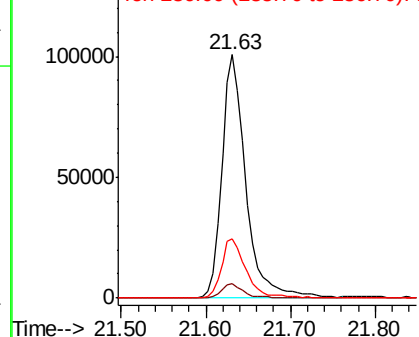


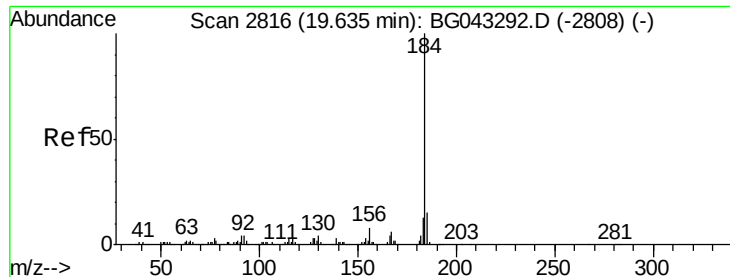
Abundance

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





#77

Benzidine

Concen: 4.175 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.36 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

Instrument :

BNA_G

ClientSampleId :

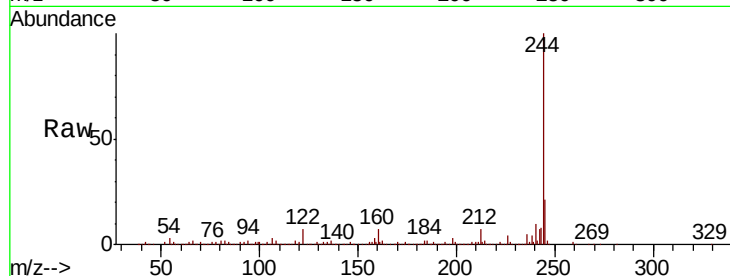
Tot Ion:184 Resp: 16757

Ion Ratio Lower Upper

184 100

185 117.7 12.7 19.1#

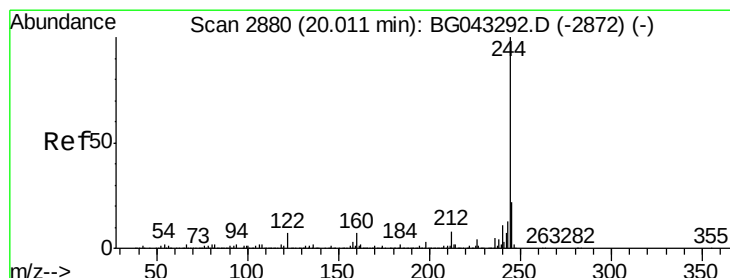
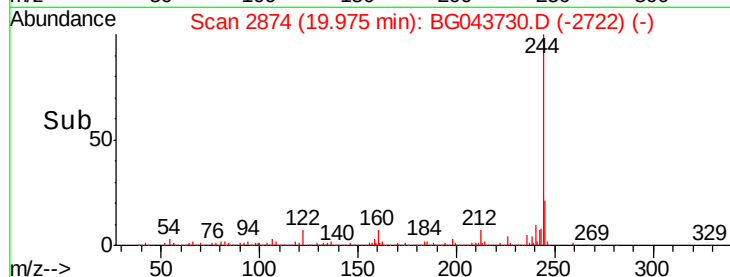
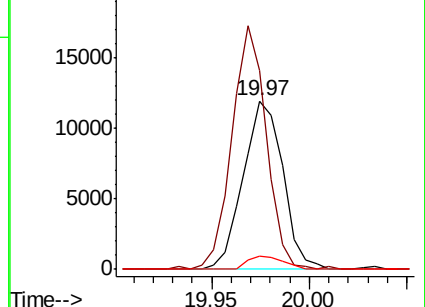
183 8.0 8.8 13.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 104.211 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043730.D

Acq: 20 Nov 2019 16:33

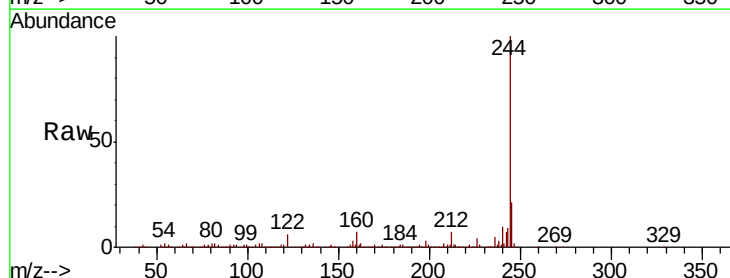
Tgt Ion:244 Resp: 1107715

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

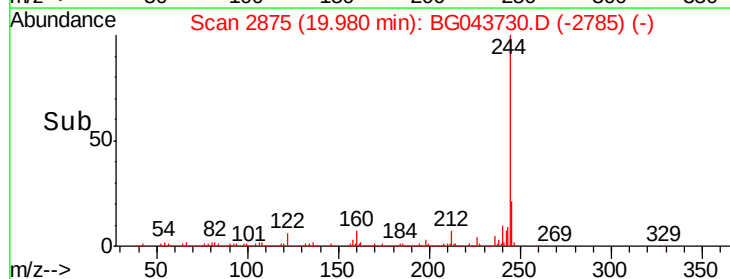
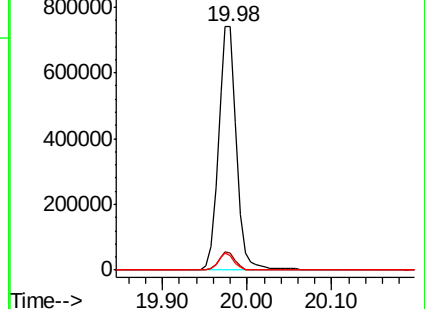
122 6.2 5.2 7.8

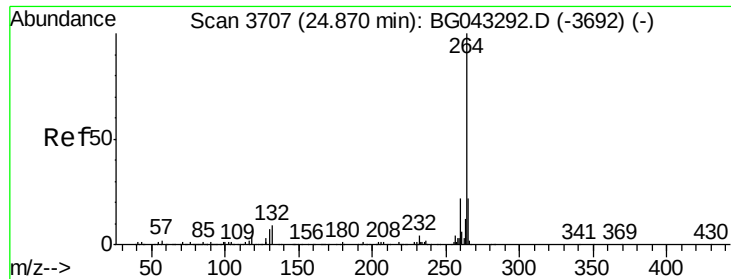


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	229595
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	20.4	15.8	23.8

