

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043089.D
 Acq On : 8 Oct 2019 17:22
 Operator : JU
 Sample : K5141-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 01:09:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

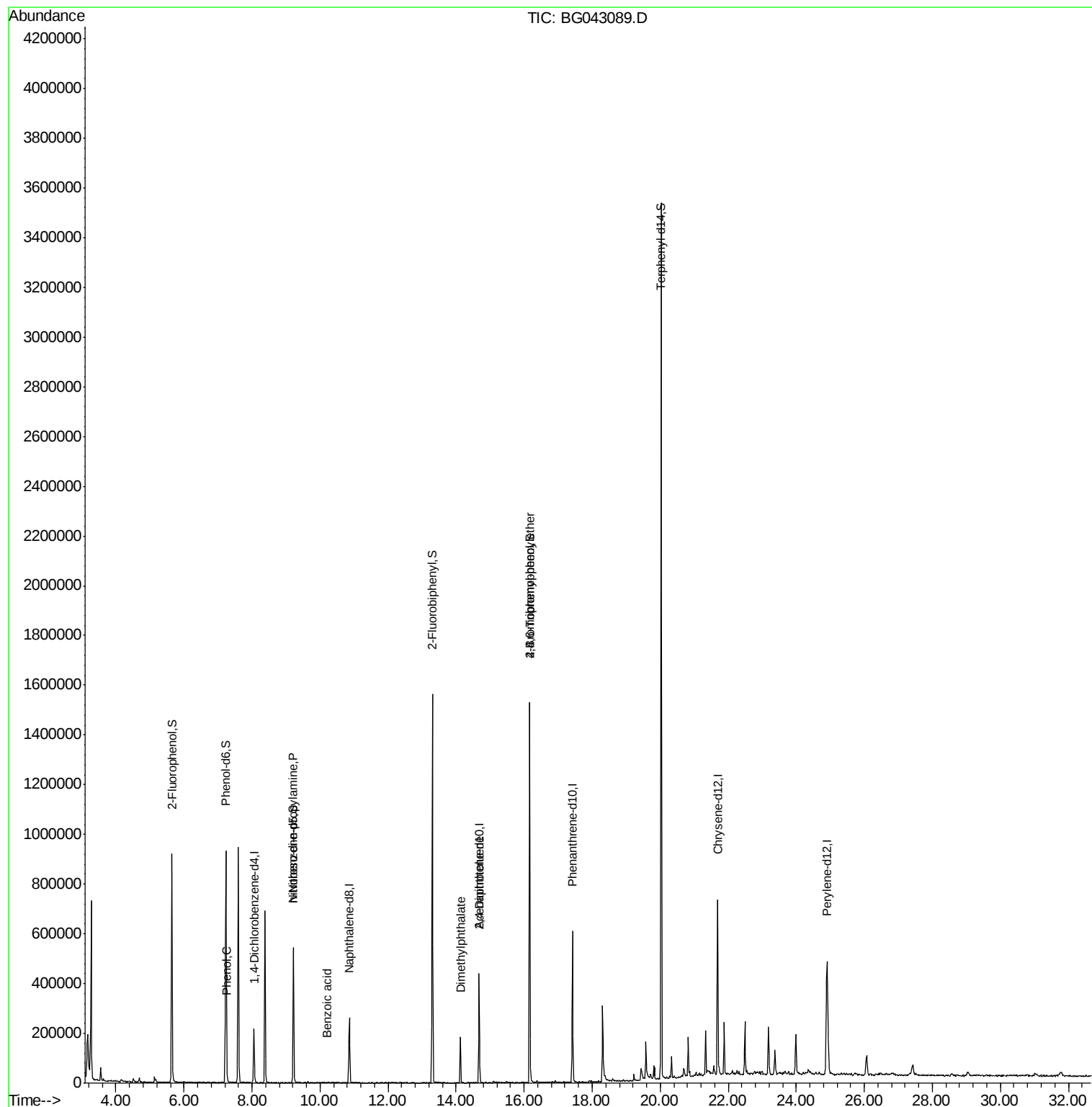
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63526	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	232151	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	159655	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	387188	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	443695	20.00	ng	-0.03
87) Perylene-d12	24.90	264	509095	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	392654	110.31	ng	-0.01
7) Phenol-d6	7.23	99	556369	108.54	ng	-0.01
23) Nitrobenzene-d5	9.22	82	339620	71.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	351067	127.88	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	861035	78.18	ng	-0.02
79) Terphenyl-d14	20.03	244	1771354	85.07	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	14243	3.028	ng	89
19) n-Nitroso-di-n-propylamine	9.22	70	49901	14.825	ng	# 69
32) Benzoic acid	10.21	122	59	2.826	ng	# 1
50) Dimethylphthalate	14.13	163	126865	10.605	ng	# 98
57) 2,4-Dinitrotoluene	14.67	165	22105	5.925	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	23904	4.919	ng	# 1

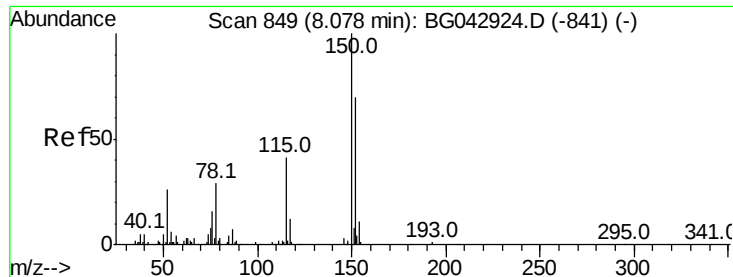
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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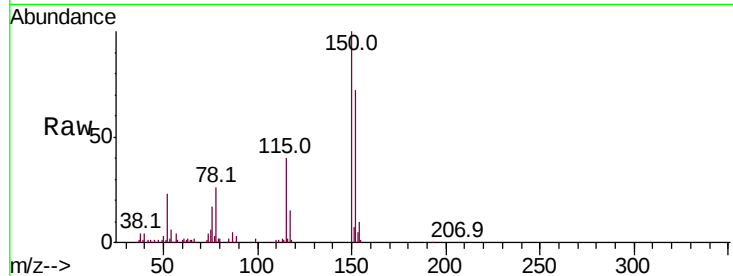


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	115.0	172.4
115	55.3	47.0	70.6

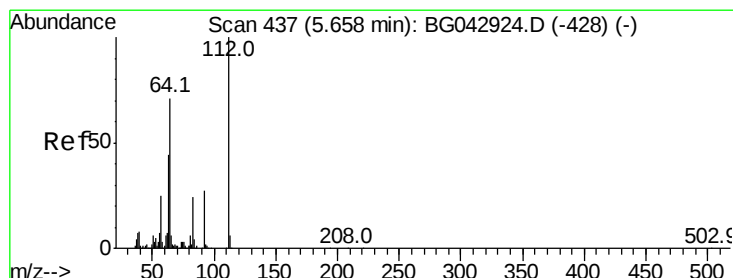
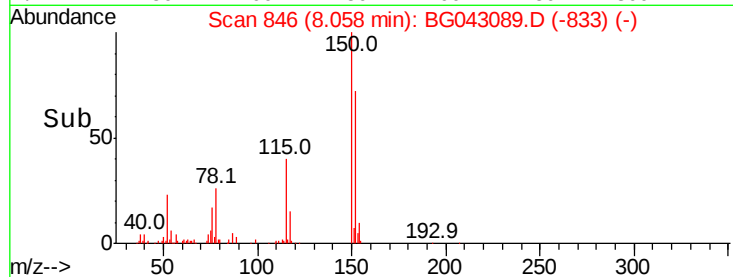
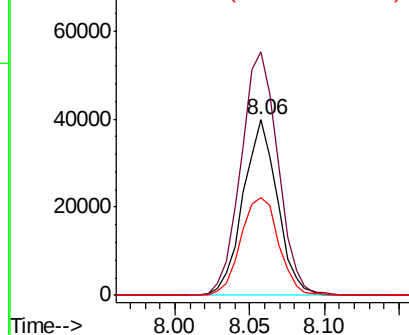


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

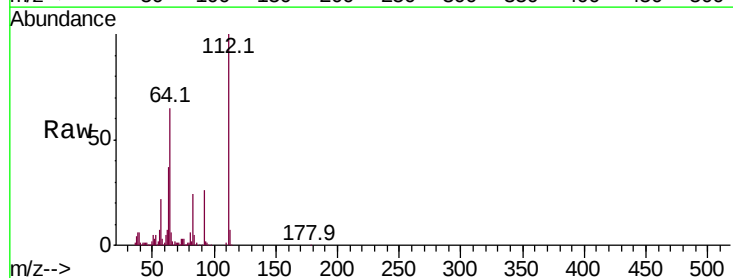
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.307 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.6	84.8
63	37.2	35.1	52.7

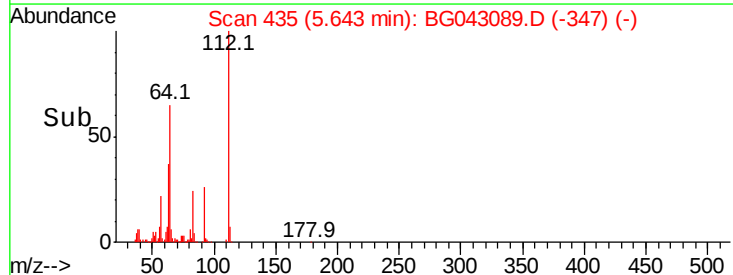
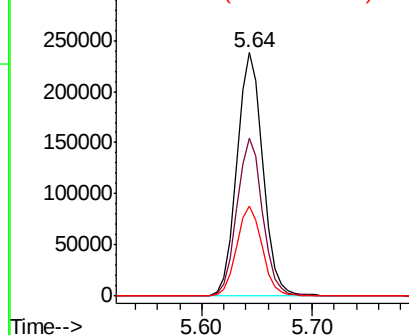


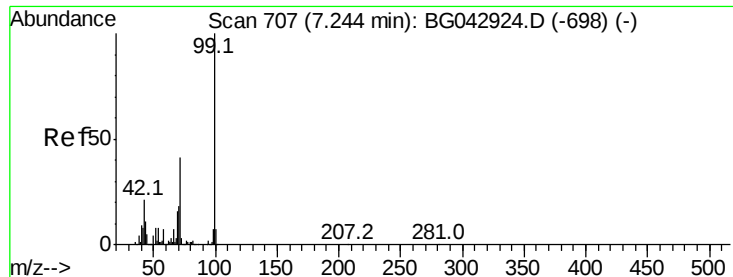
Abundance

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: 108.537 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

Instrument :

BNA_G

ClientSampleId :

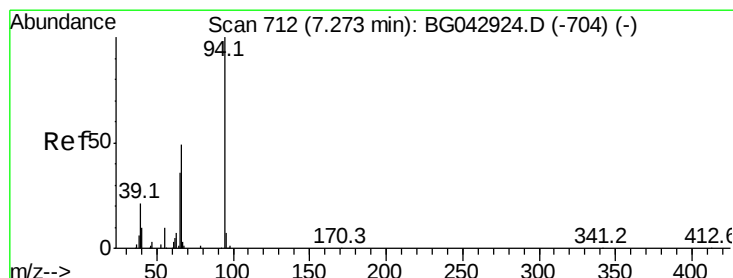
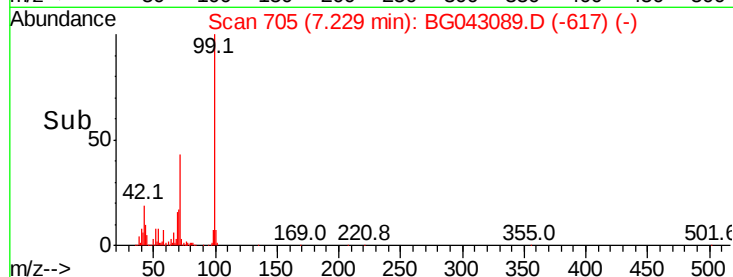
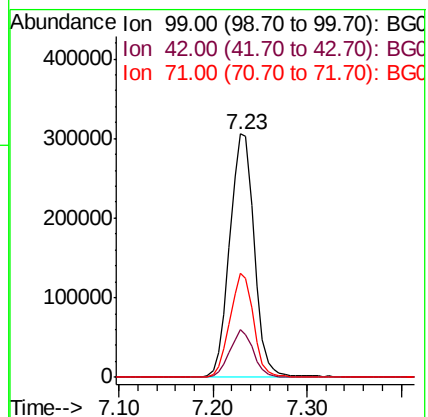
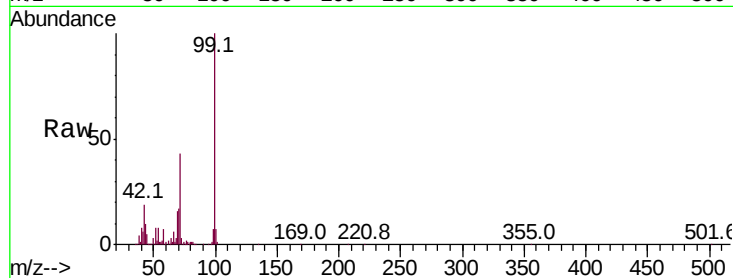
Tot Ion: 99 Resp: 556369

Ion Ratio Lower Upper

99 100

42 19.5 17.2 25.8

71 42.5 33.1 49.7



#10

Phenol

Concen: 3.028 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

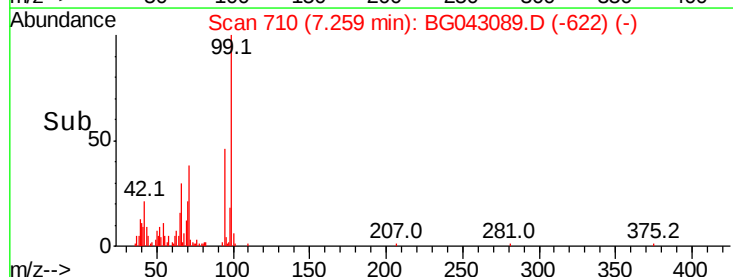
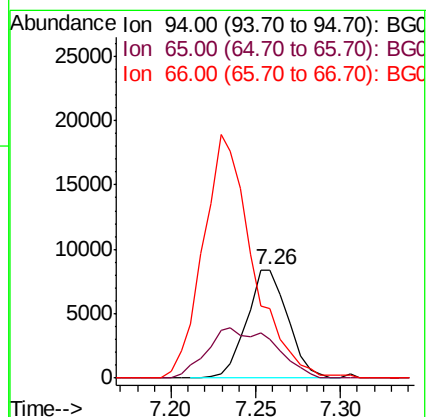
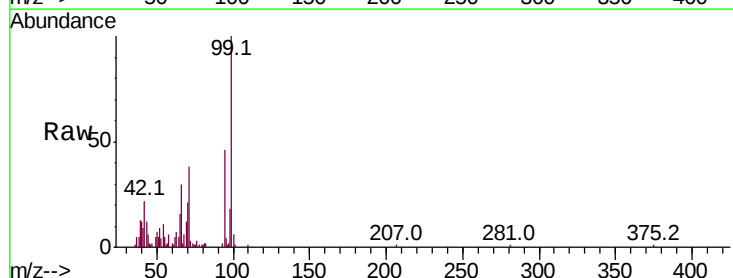
Tgt Ion: 94 Resp: 14243

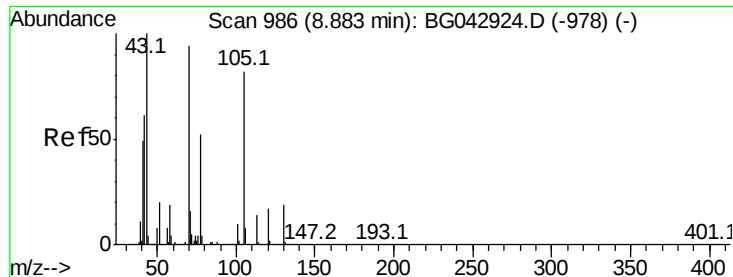
Ion Ratio Lower Upper

94 100

65 36.1 16.6 56.6

66 64.8 32.4 72.4

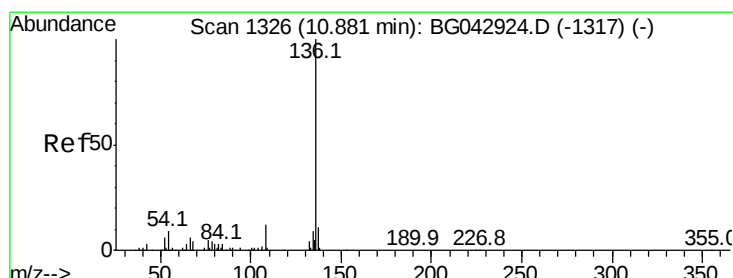
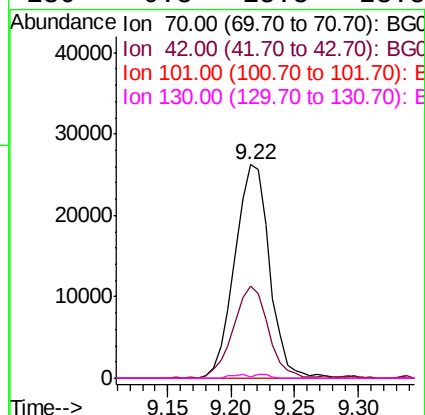
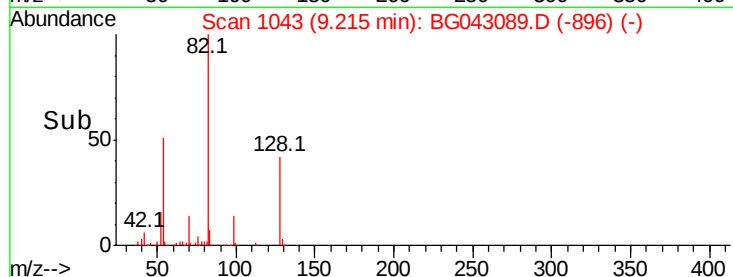
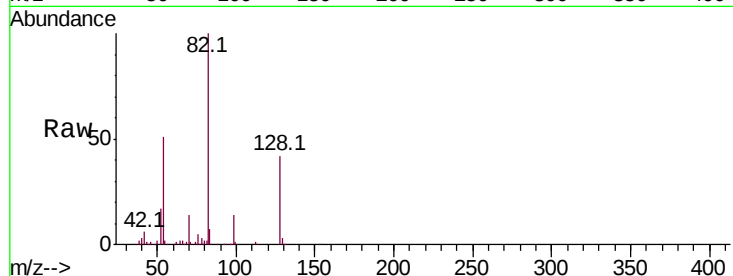




#19
n-Nitroso-di-n-propylamine
Concen: 14.825 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.33 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

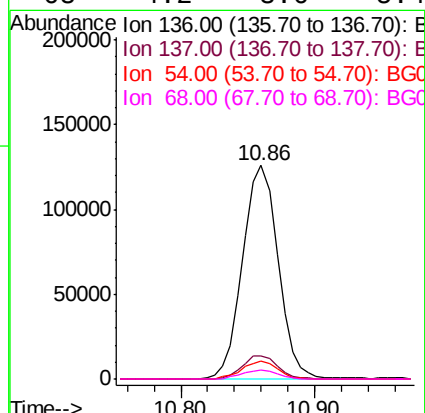
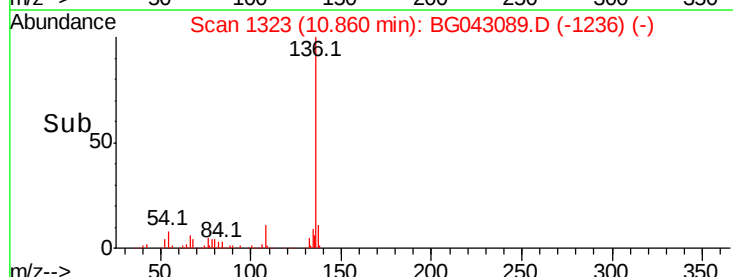
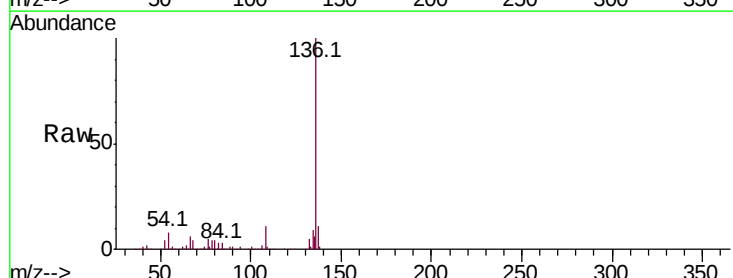
Instrument :
BNA_G
ClientSampleId :

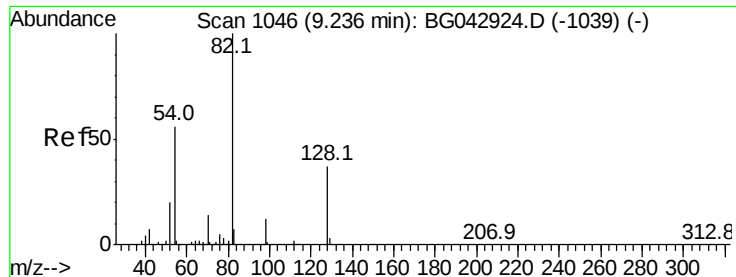
Tot Ion: 70 Resp: 49901
Ion Ratio Lower Upper
70 100
42 43.2 52.6 79.0#
101 0.0 8.7 13.1#
130 0.8 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion: 136 Resp: 232151
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 8.2 7.4 11.2
68 4.2 3.6 5.4

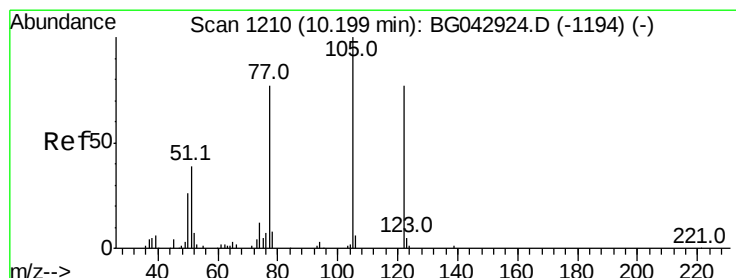
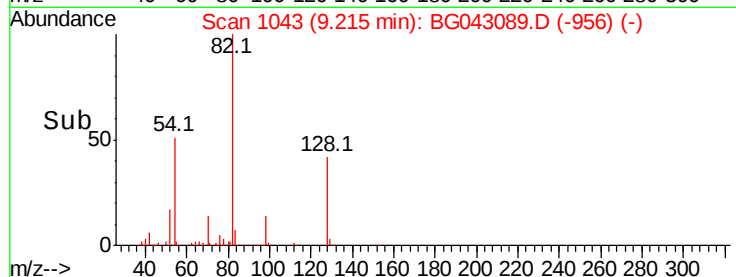
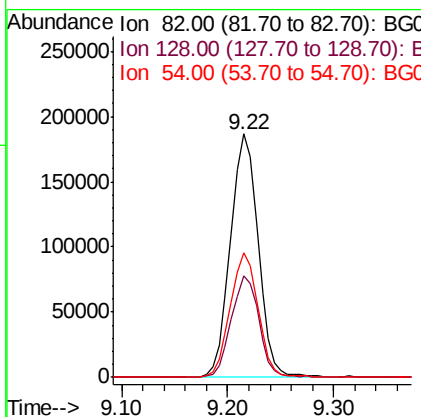
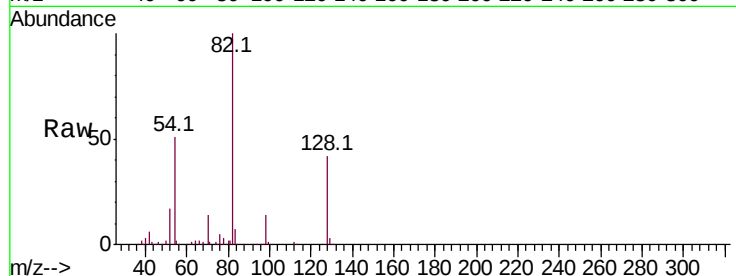




#23
Nitrobenzene-d5
Concen: 71.106 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

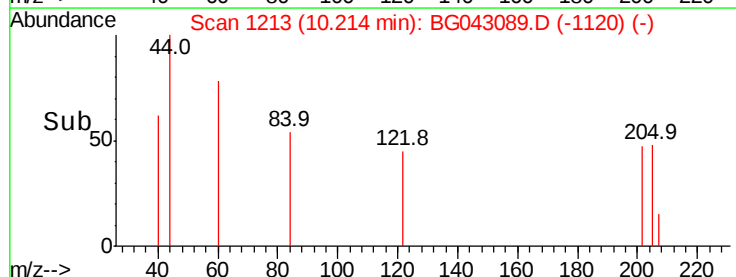
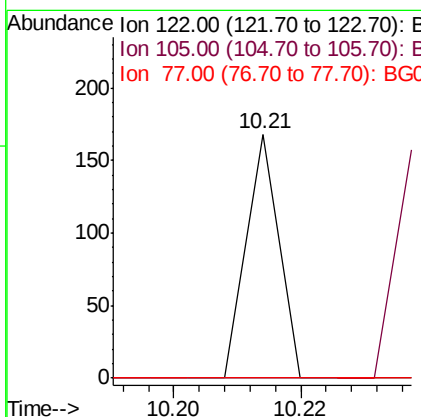
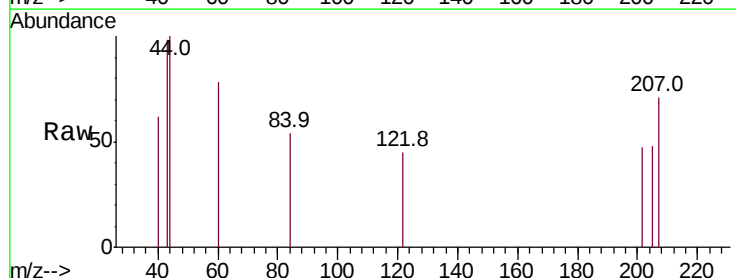
Instrument :
BNA_G
ClientSampled :

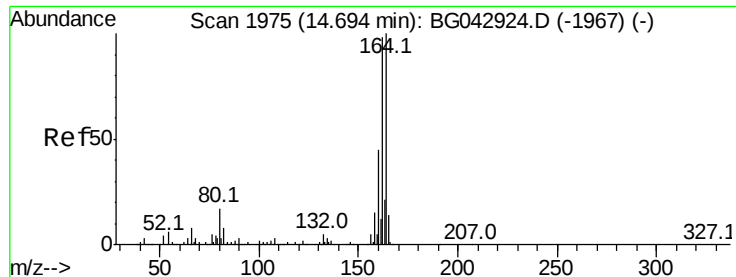
Tot Ion	82	Resp	339620
Ion Ratio	100	Lower	Upper
128	41.8	29.5	44.3
54	51.2	44.6	67.0



#32
Benzoic acid
Concen: 2.826 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion	122	Resp	59
Ion Ratio	100	Lower	Upper
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

Instrument :

BNA_G

ClientSampled :

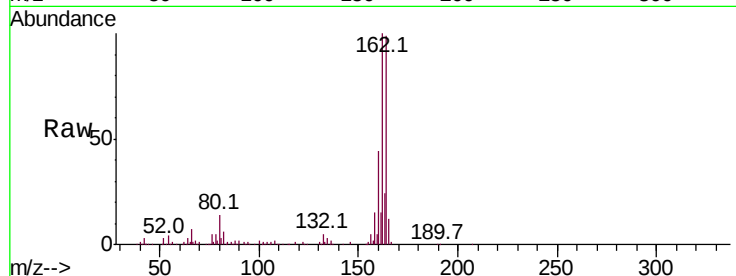
Tot Ion:164 Resp: 159655

Ion Ratio Lower Upper

164 100

162 101.1 78.5 117.7

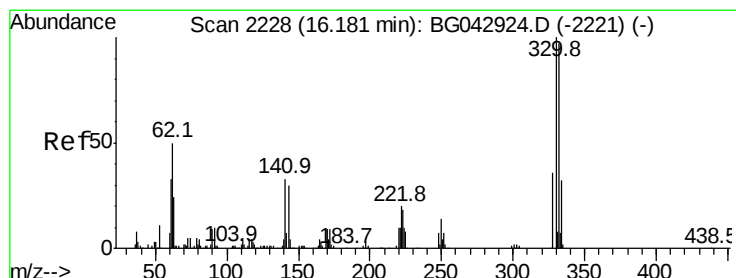
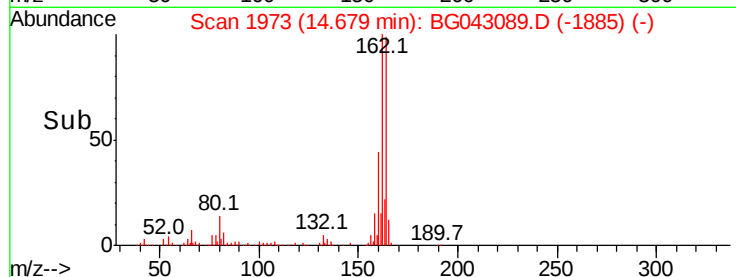
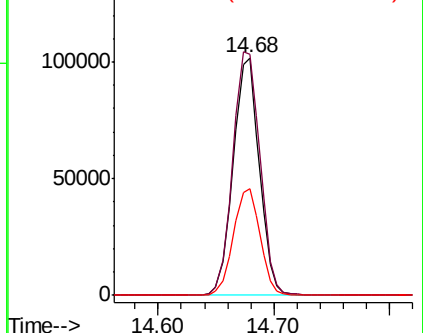
160 44.7 35.9 53.9



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: 127.876 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

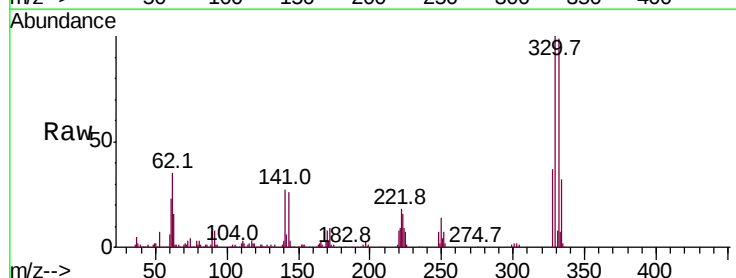
Tgt Ion:330 Resp: 351067

Ion Ratio Lower Upper

330 100

332 95.6 78.2 117.2

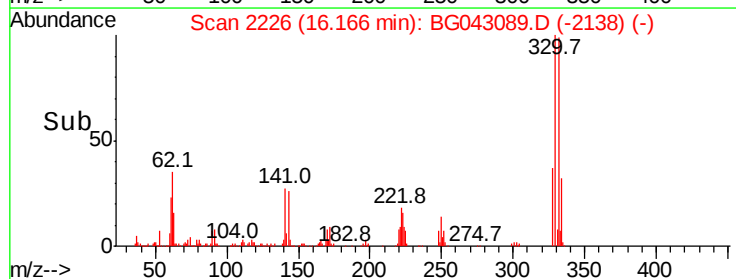
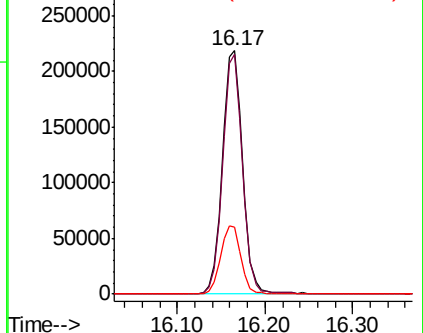
141 28.1 26.0 39.0

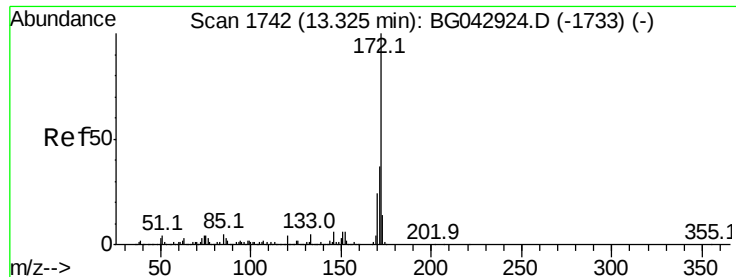


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

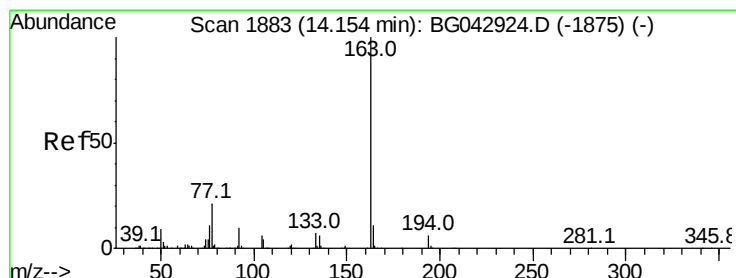
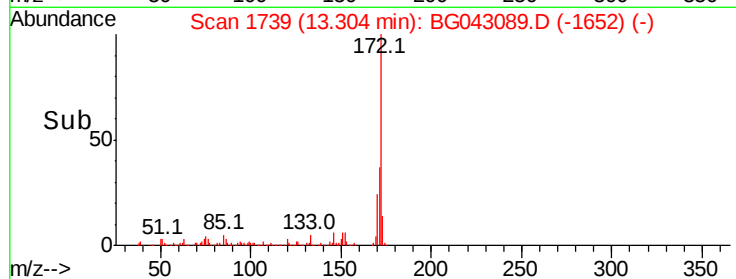
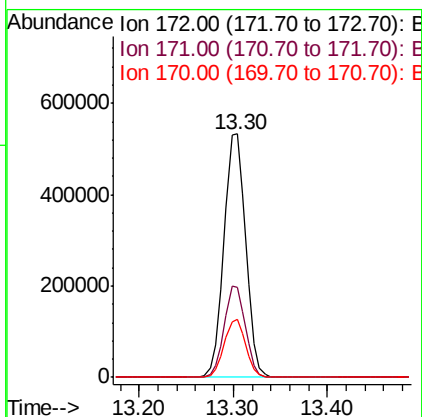
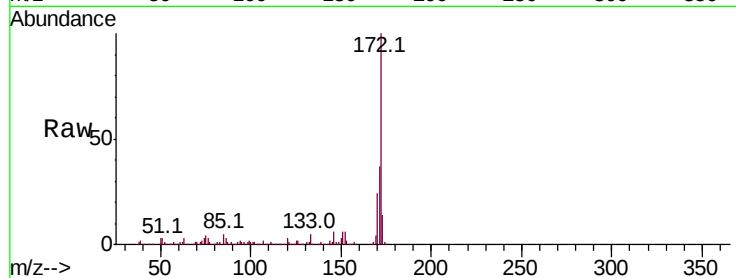




#45
2-Fluorobiphenyl
Concen: 78.184 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

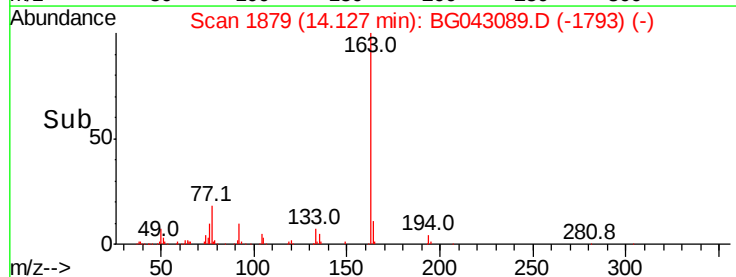
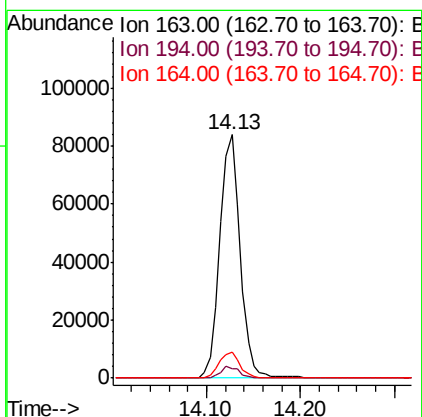
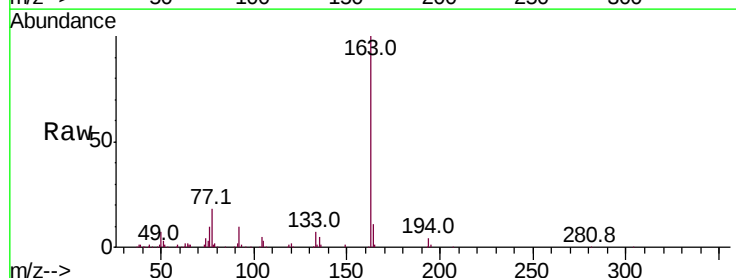
Instrument :
BNA_G
ClientSampleId :

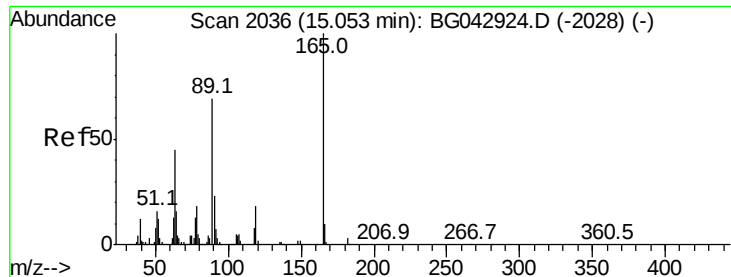
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	23.9	19.6	29.4



#50
Dimethylphthalate
Concen: 10.605 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	10.8	8.6	12.8

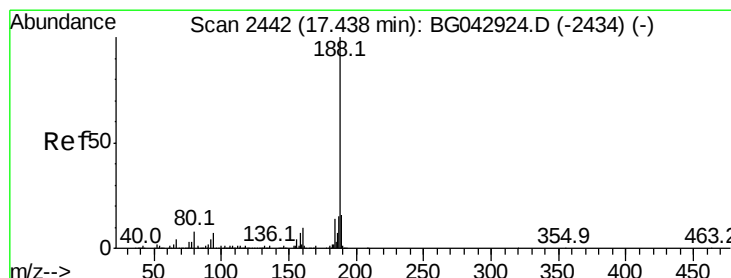
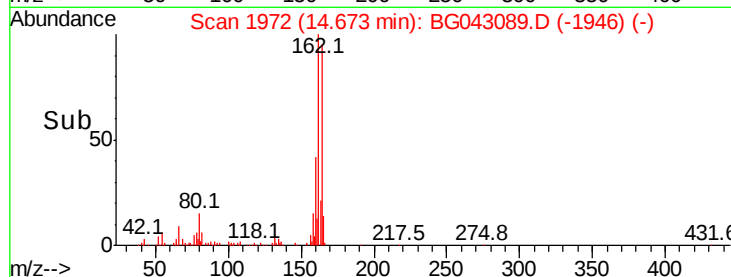
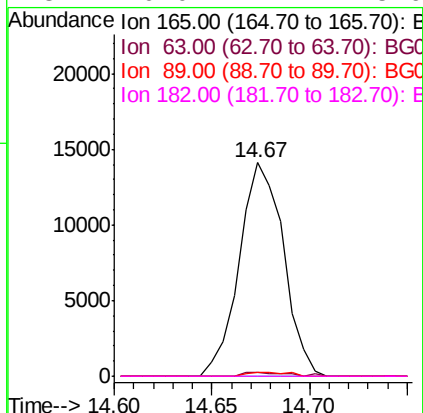
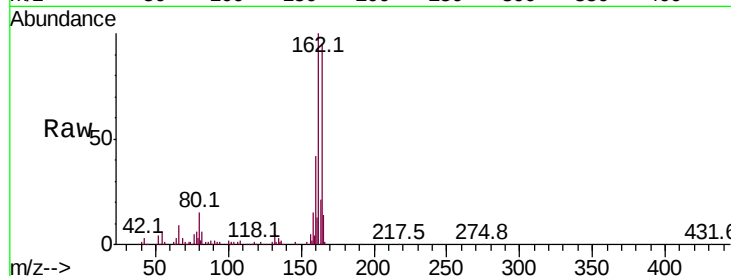




#57
 2,4-Dinitrotoluene
 Concen: 5.925 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG043089.D
 Acq: 8 Oct 2019 17:22

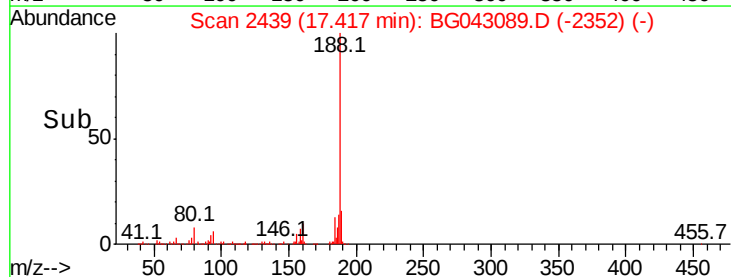
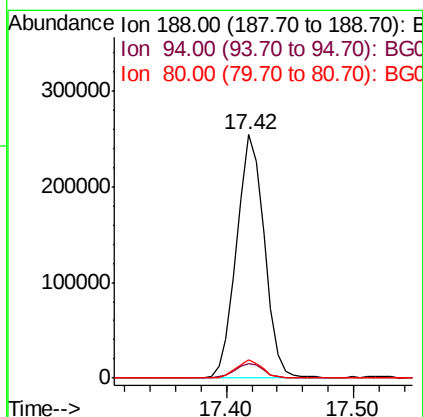
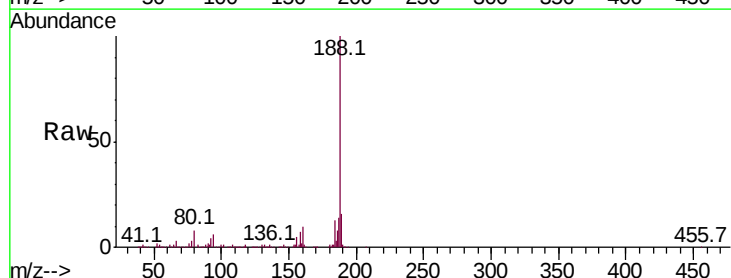
Instrument :
 BNA_G
 ClientSampleId :

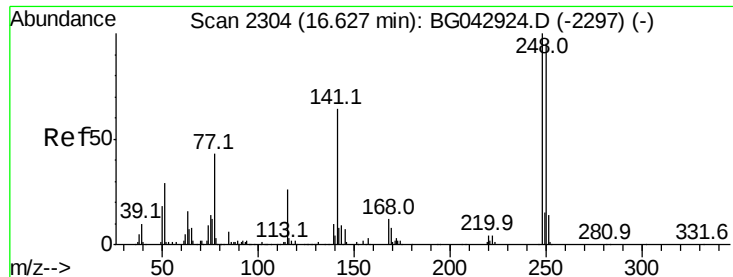
Tot Ion:165 Resp: 22105
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.5 54.7#
 89 1.9 55.5 83.3#
 182 0.0 2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.02 min
 Lab File: BG043089.D
 Acq: 8 Oct 2019 17:22

Tgt Ion:188 Resp: 387188
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.7 8.5
 80 7.5 6.5 9.7

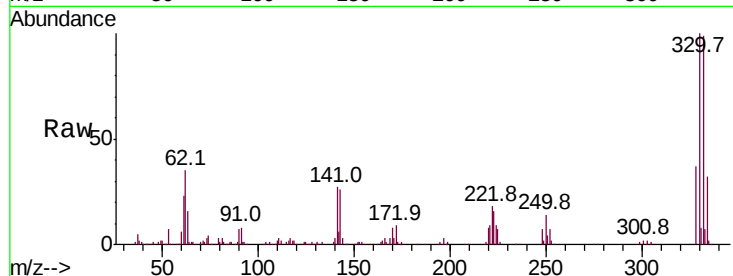




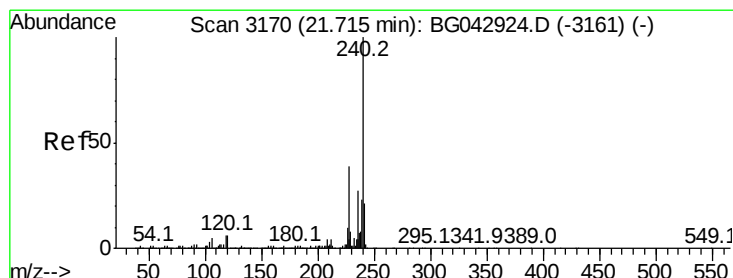
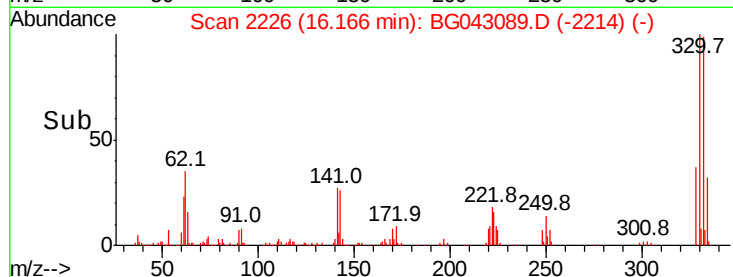
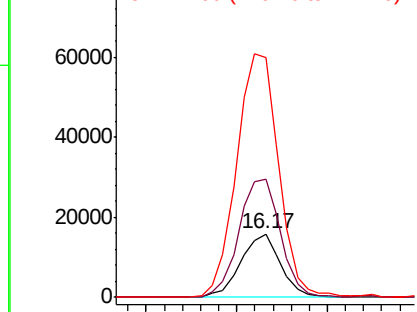
#67
4-Bromophenyl-phenylether
Concen: 4.919 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 23904
Ion Ratio Lower Upper
248 100
250 185.6 75.8 113.8#
141 377.0 51.1 76.7#

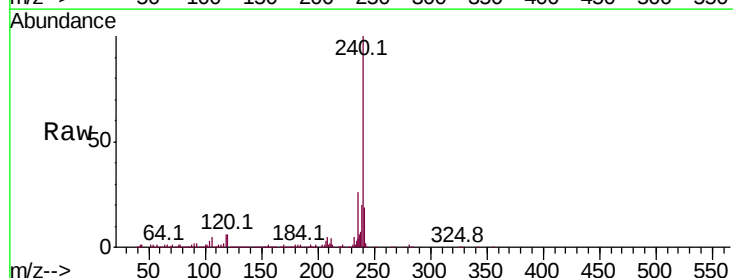


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

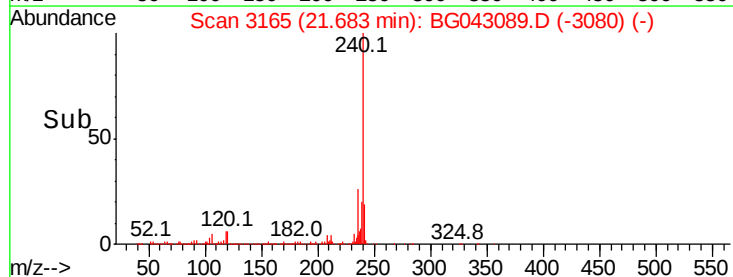
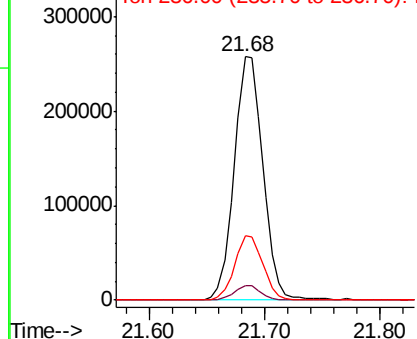


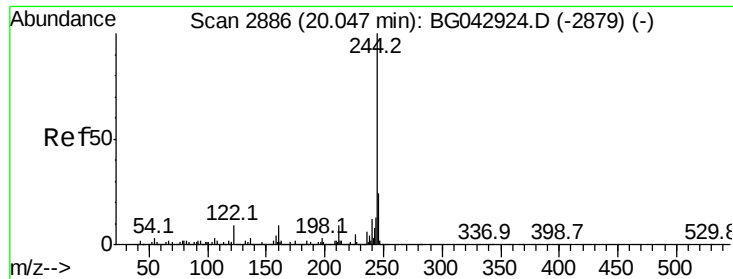
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:240 Resp: 443695
Ion Ratio Lower Upper
240 100
120 6.2 4.8 7.2
236 26.3 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





#79

Terphenyl-d14

Concen: 85.071 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

Instrument :

BNA_G

ClientSampleId :

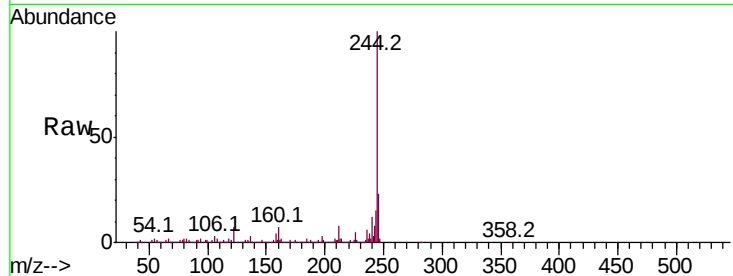
Tot Ion:244 Resp: 1771354

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.0

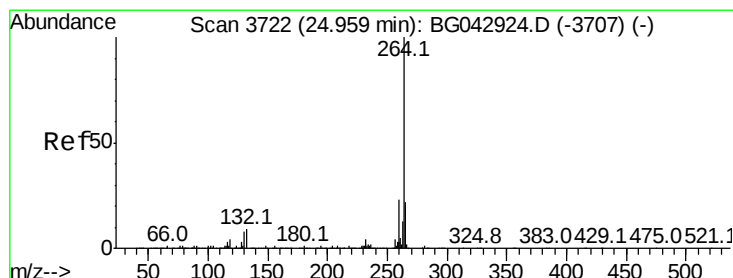
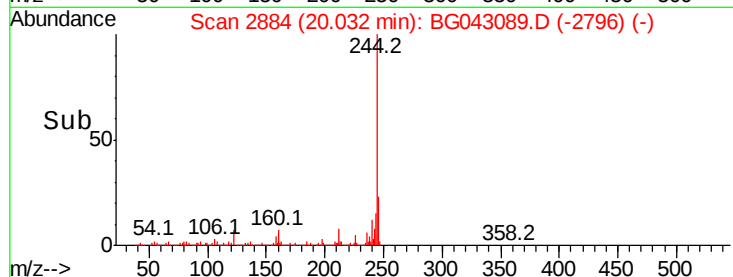
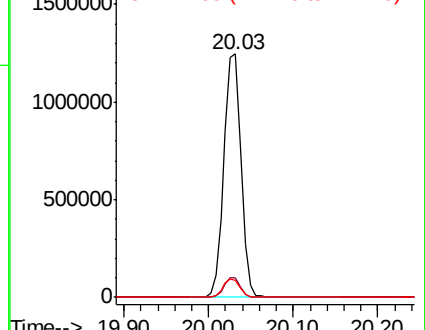
122 7.0 7.0 10.4



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: 24.90 min Scan# 3713

Delta R.T. -0.06 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

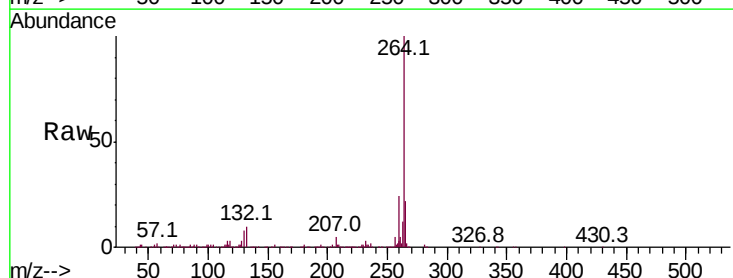
Tgt Ion:264 Resp: 509095

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.7 17.7 26.5



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

