

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042989.D
 Acq On : 2 Oct 2019 17:49
 Operator : JU
 Sample : K5154-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-10012019

Quant Time: Oct 03 04:27:17 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

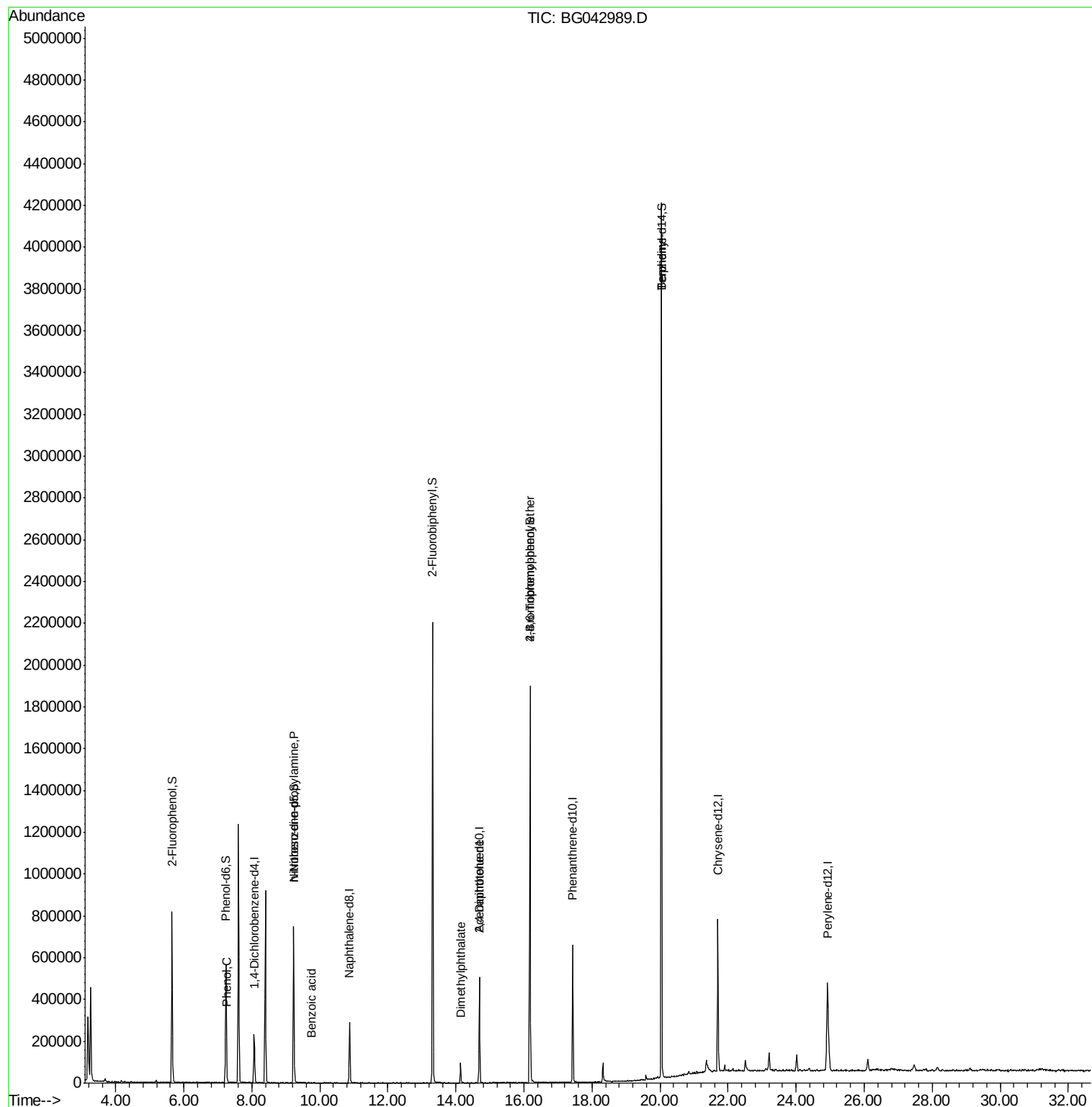
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69077	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	251639	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	179172	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	417212	20.00	ng	0.00
76) Chrysene-d12	21.70	240	450007	20.00	ng	-0.02
87) Perylene-d12	24.92	264	507187	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	341175	88.14	ng	0.00
7) Phenol-d6	7.24	99	322555	57.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	466758	90.16	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	421382	136.77	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1150270	93.07	ng	-0.01
79) Terphenyl-d14	20.04	244	2045527	96.86	ng	0.00
Target Compounds						
10) Phenol	7.26	94	10755	2.103	ng	92
19) n-Nitroso-di-n-propylamine	9.23	70	66681	18.219	ng	# 72
32) Benzoic acid	9.76	122	53	2.821	ng	# 1
50) Dimethylphthalate	14.14	163	67517	5.029	ng	96
57) 2,4-Dinitrotoluene	14.69	165	23533	5.621	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	28512	5.445	ng	# 1
77) Benzidine	20.04	184	35088	3.114	ng	# 93

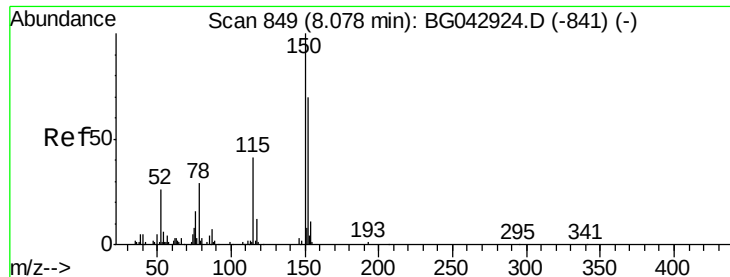
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



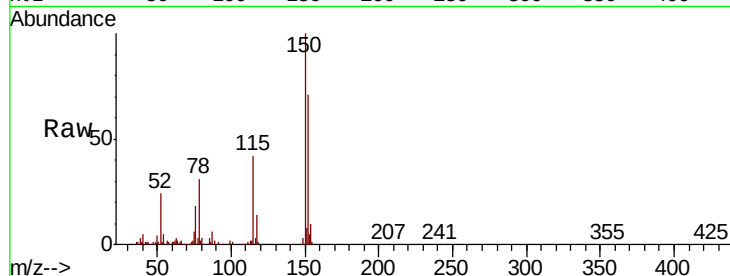


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

Instrument :
BNA_G
ClientSampleId :
FB-10012019

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.2	115.0	172.4
115	58.6	47.0	70.6

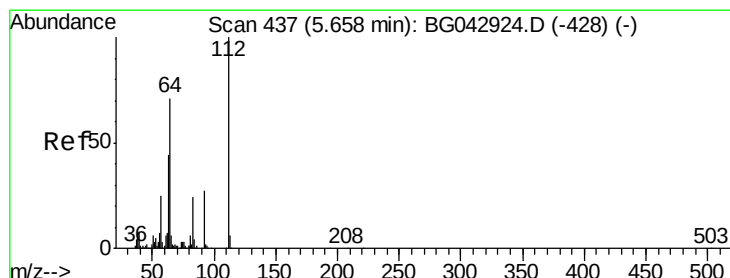
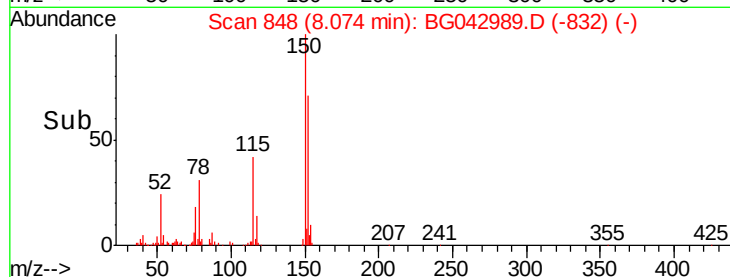
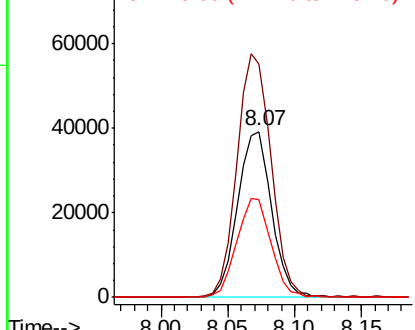


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

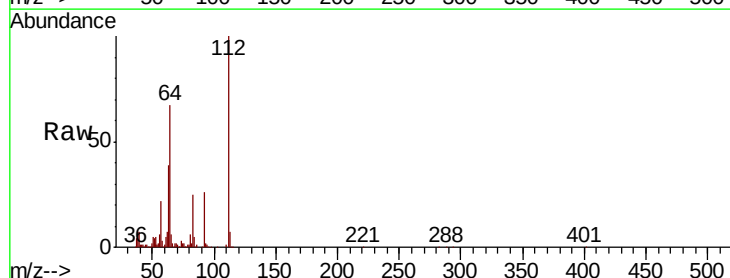
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.143 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.6	84.8
63	38.6	35.1	52.7

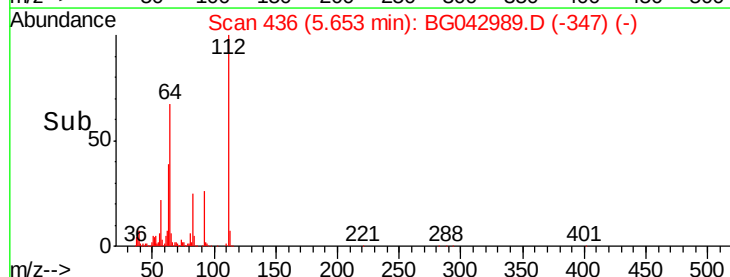
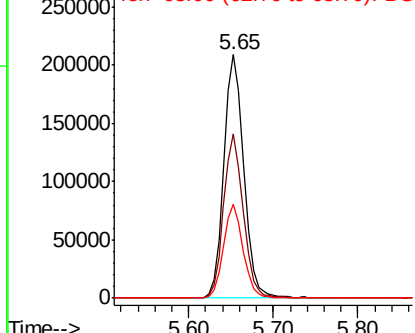


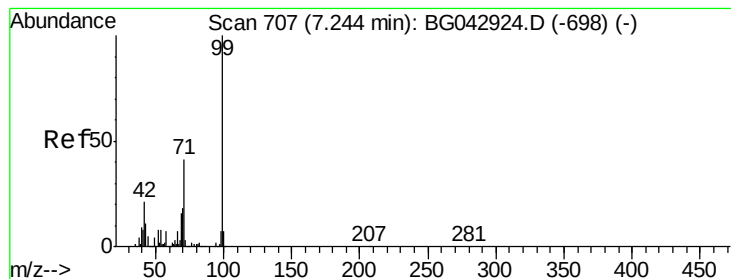
Abundance

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: 57.868 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG042989.D

Acq: 2 Oct 2019 17:49

Instrument :

BNA_G

ClientSampleId :

FB-10012019

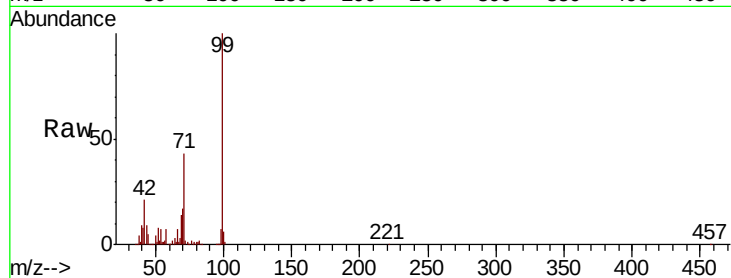
Tot Ion: 99 Resp: 322555

Ion Ratio Lower Upper

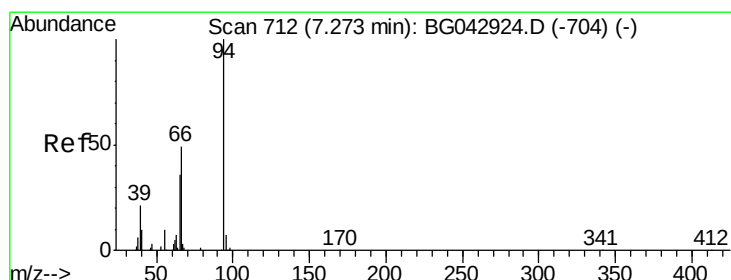
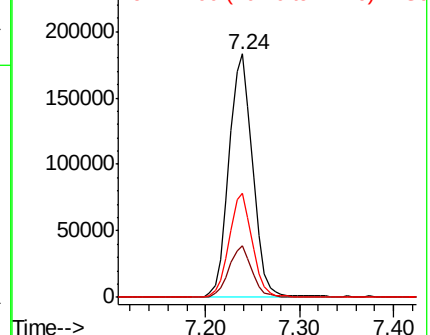
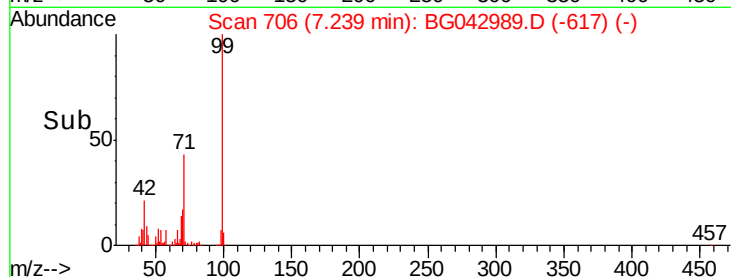
99 100

42 21.2 17.2 25.8

71 42.7 33.1 49.7



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: 2.103 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG042989.D

Acq: 2 Oct 2019 17:49

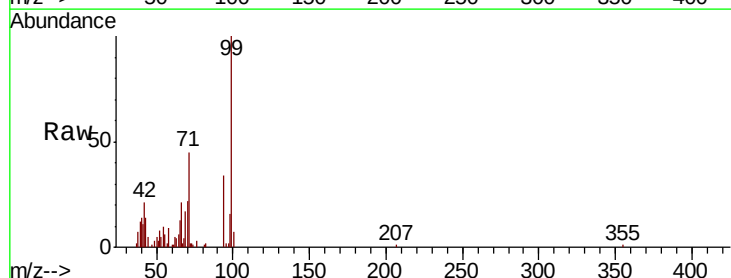
Tgt Ion: 94 Resp: 10755

Ion Ratio Lower Upper

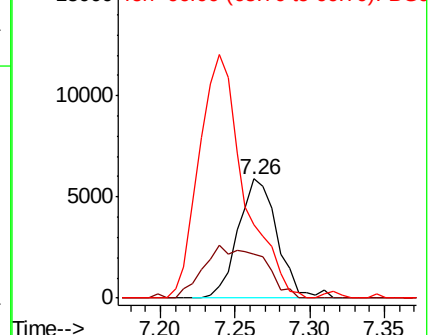
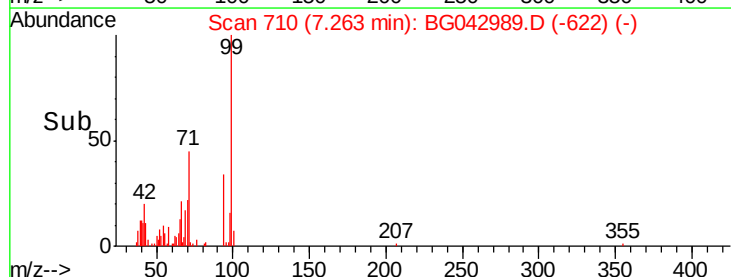
94 100

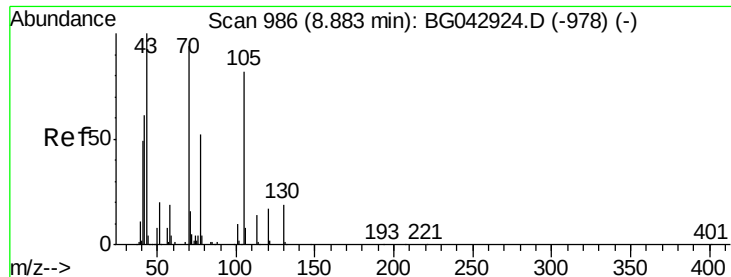
65 37.4 16.6 56.6

66 61.5 32.4 72.4



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

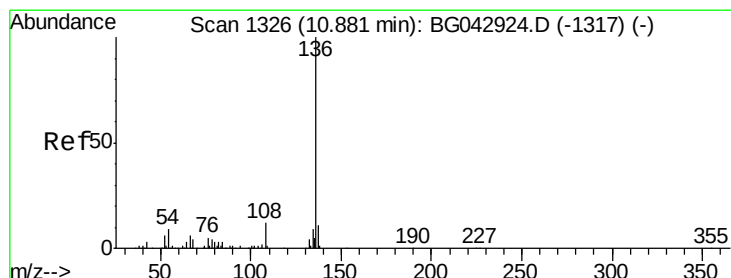
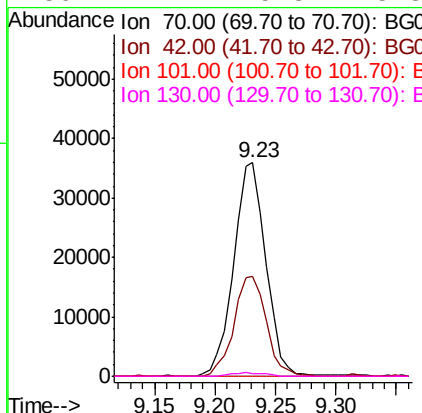
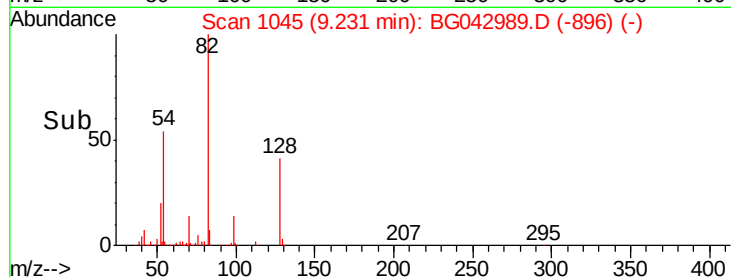
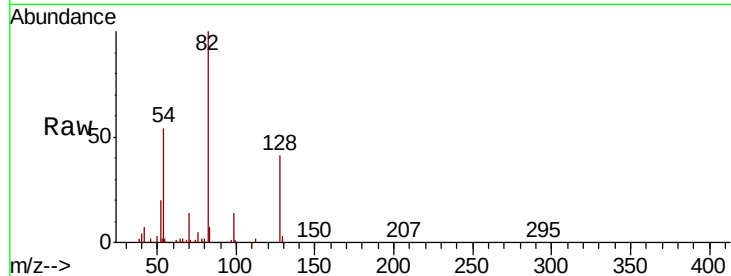




#19
n-Nitroso-di-n-propylamine
Concen: 18.219 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

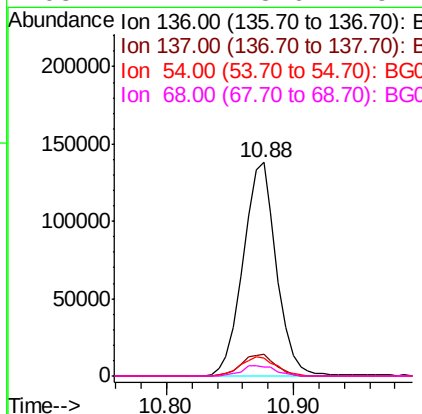
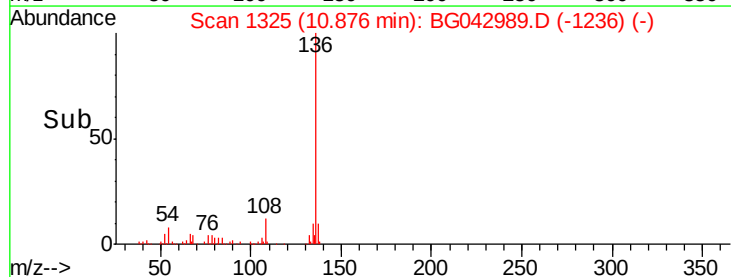
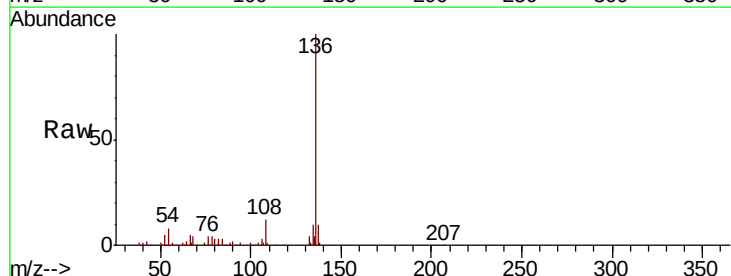
Instrument :
BNA_G
ClientSampleId :
FB-10012019

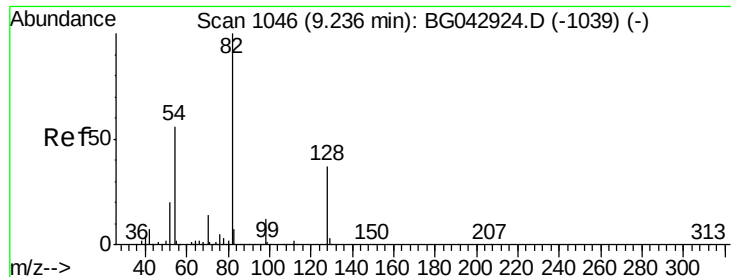
Tot Ion: 70 Resp: 66681
Ion Ratio Lower Upper
70 100
42 46.8 52.6 79.0#
101 0.0 8.7 13.1#
130 1.4 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

Tgt Ion: 136 Resp: 251639
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 8.4 7.4 11.2
68 4.1 3.6 5.4

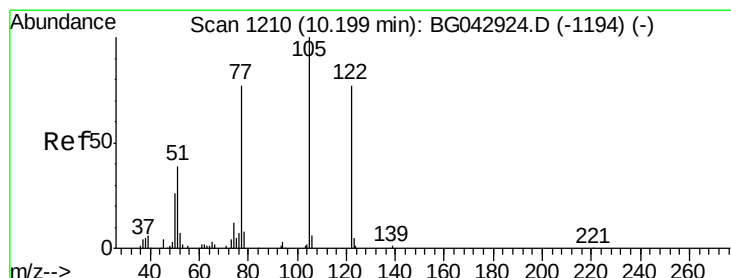
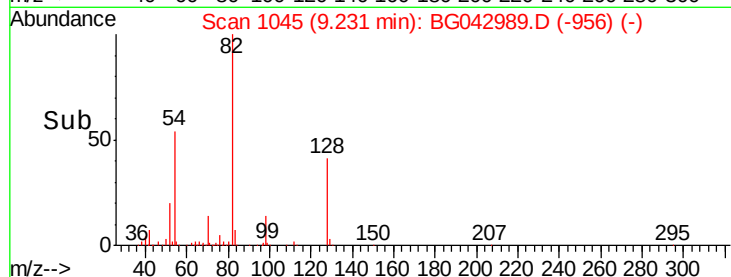
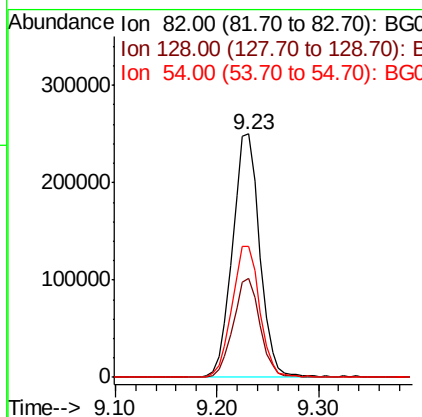
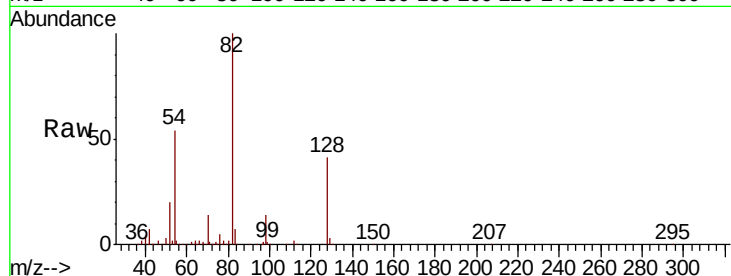




#23
Nitrobenzene-d5
Concen: 90.156 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

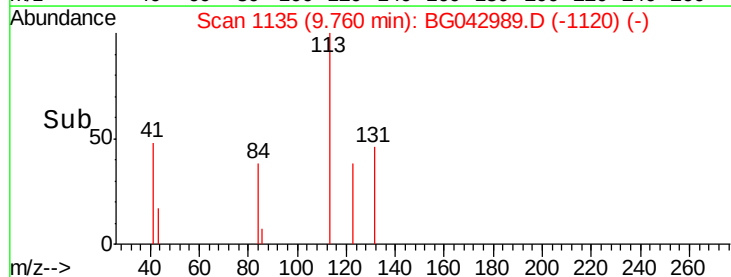
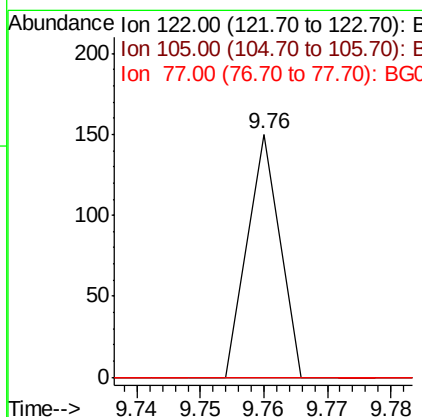
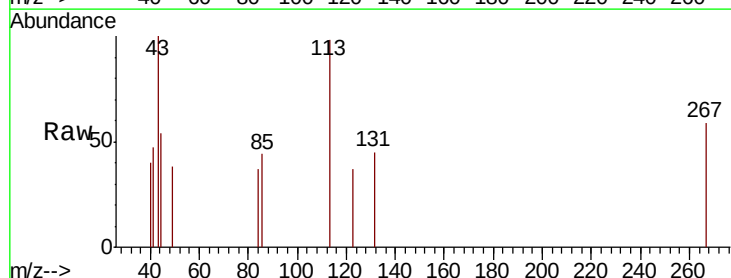
Instrument :
BNA_G
ClientSampleId :
FB-10012019

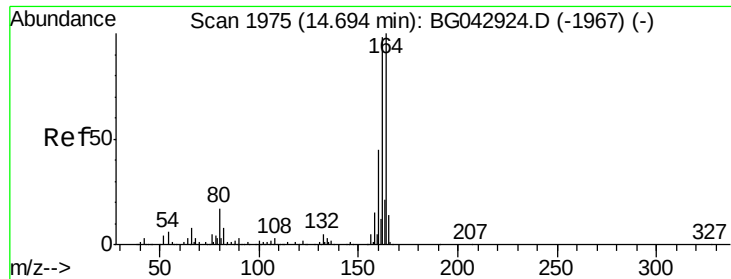
Tot Ion: 82 Resp: 466758
Ion Ratio Lower Upper
82 100
128 40.7 29.5 44.3
54 53.7 44.6 67.0



#32
Benzoic acid
Concen: 2.821 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.44 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 107.5 147.5#
77 0.0 79.8 119.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG042989.D

Acq: 2 Oct 2019 17:49

Instrument :

BNA_G

ClientSampleId :

FB-10012019

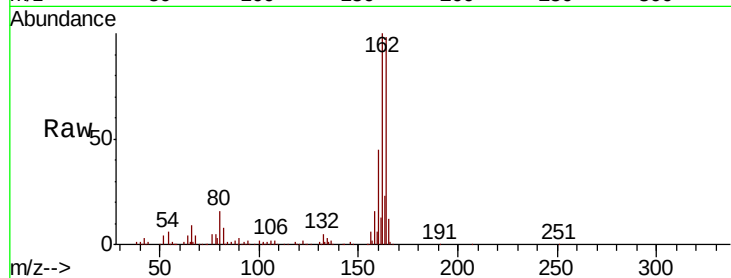
Tot Ion:164 Resp: 179172

Ion Ratio Lower Upper

164 100

162 101.9 78.5 117.7

160 45.9 35.9 53.9

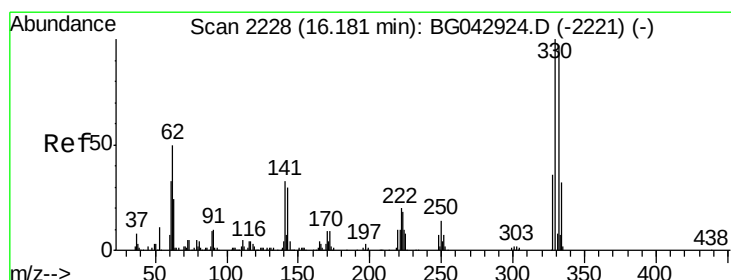
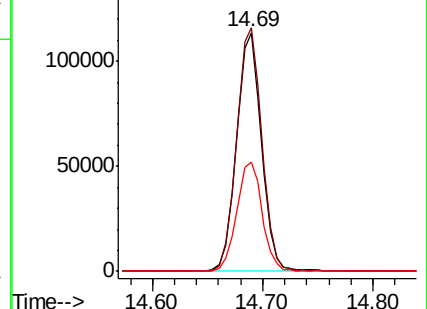
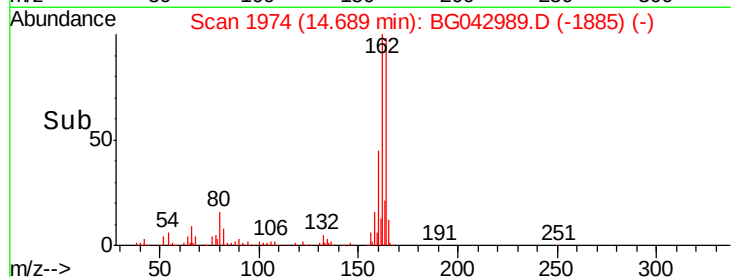


Abundance

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: 136.769 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG042989.D

Acq: 2 Oct 2019 17:49

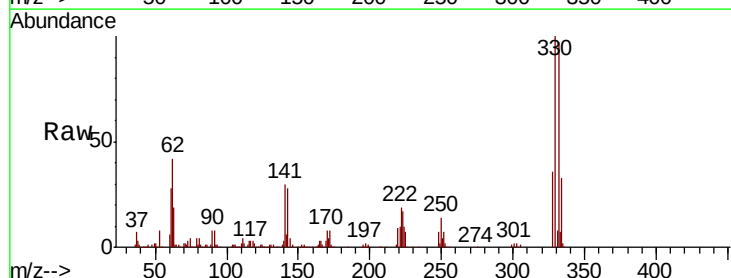
Tgt Ion:330 Resp: 421382

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.2

141 30.1 26.0 39.0

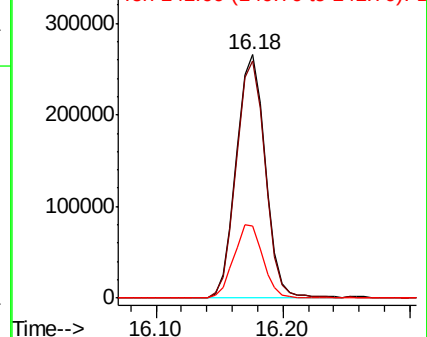
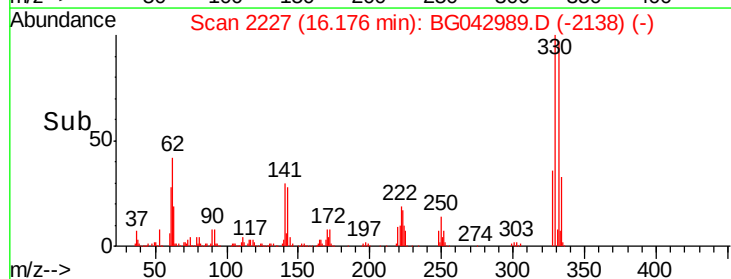


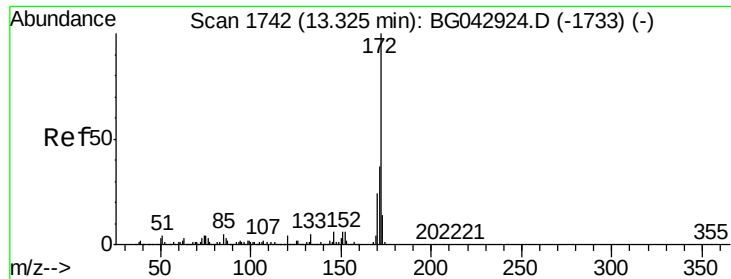
Abundance

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

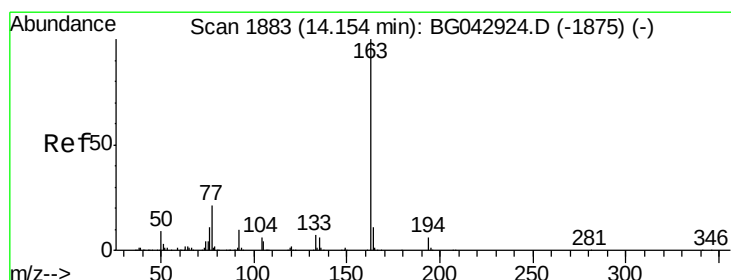
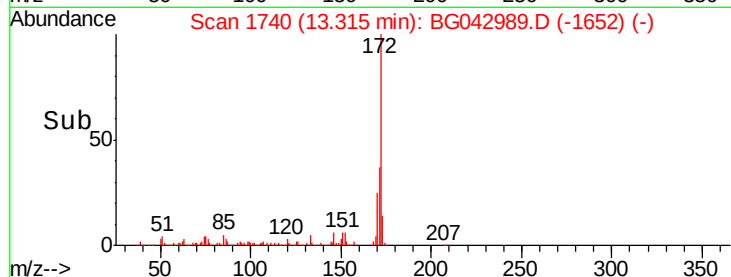
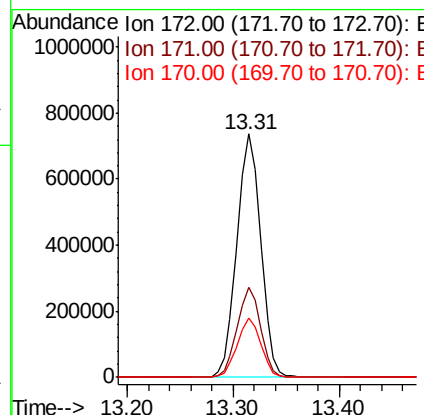
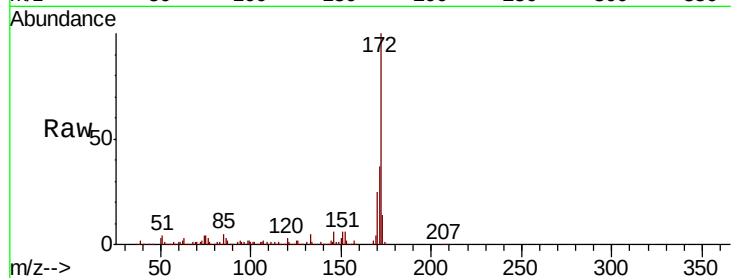




#45
2-Fluorobiphenyl
Concen: 93.069 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

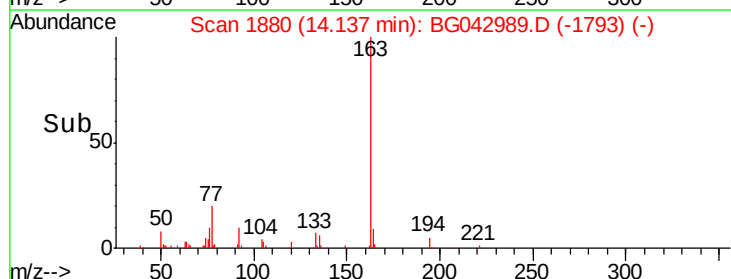
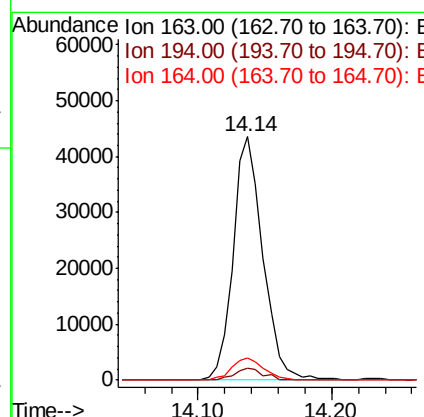
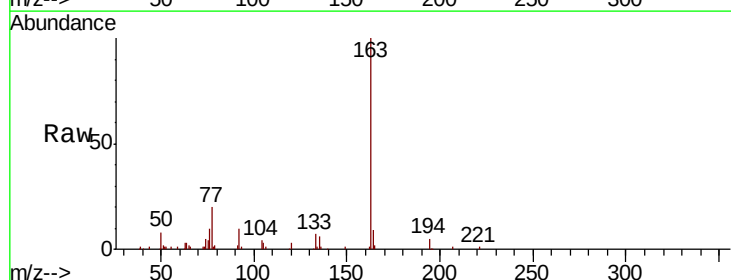
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FB-10012019

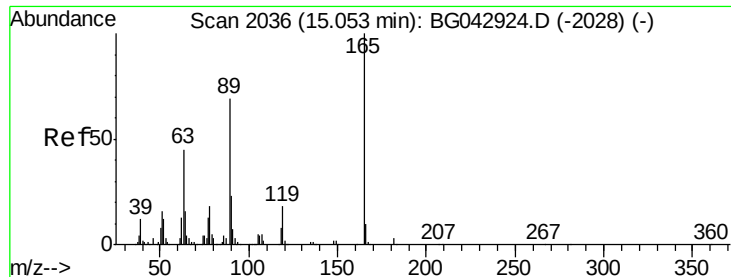
Tot Ion:172 Resp: 1150270
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.5 19.6 29.4



#50
Dimethylphthalate
Concen: 5.029 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

Tgt Ion:163 Resp: 67517
Ion Ratio Lower Upper
163 100
194 4.7 4.4 6.6
164 8.9 8.6 12.8

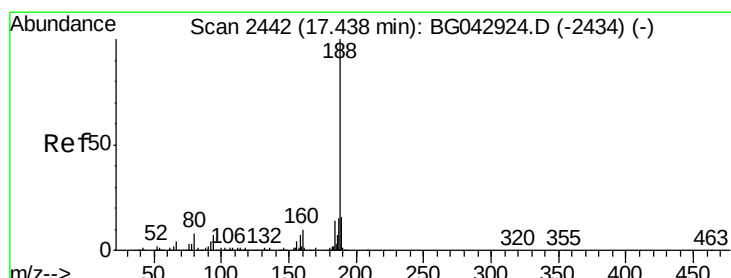
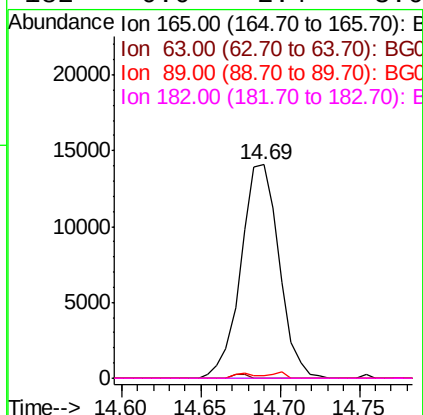
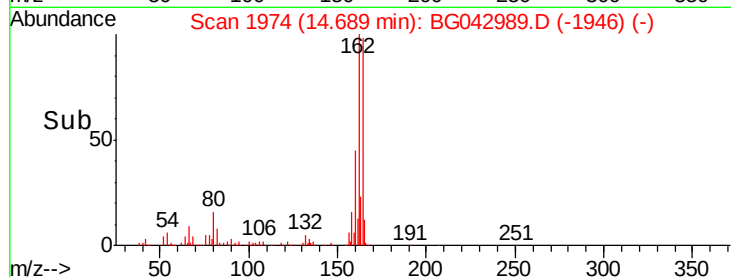
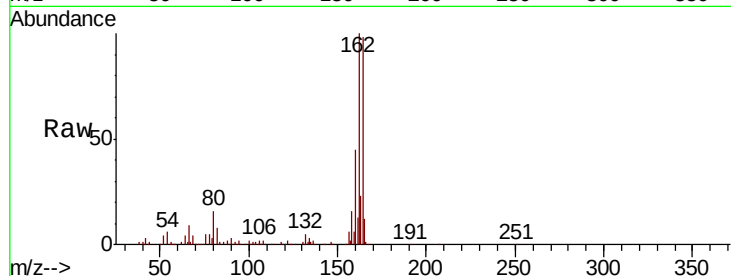




#57
 2,4-Dinitrotoluene
 Concen: 5.621 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.36 min
 Lab File: BG042989.D
 Acq: 2 Oct 2019 17:49

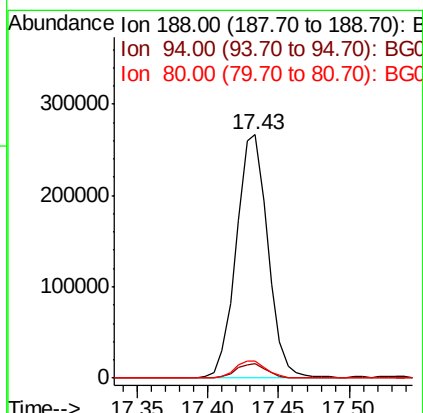
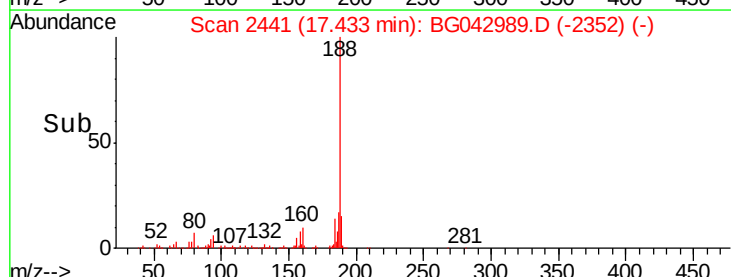
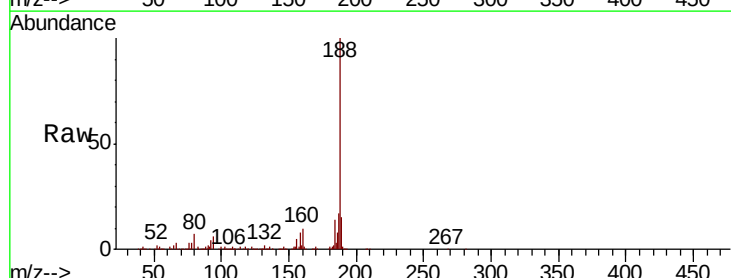
Instrument :
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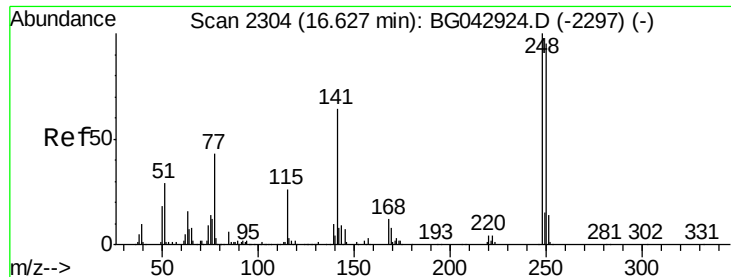
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.5	55.5	83.3#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG042989.D
 Acq: 2 Oct 2019 17:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.9	6.5	9.7

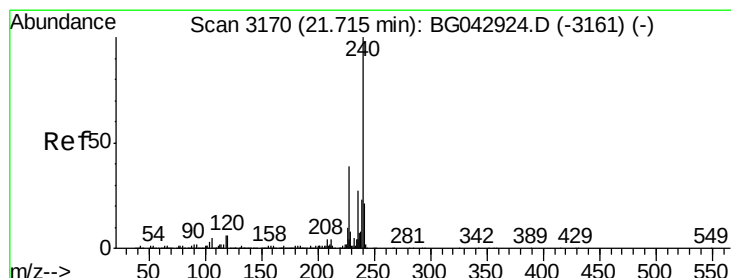
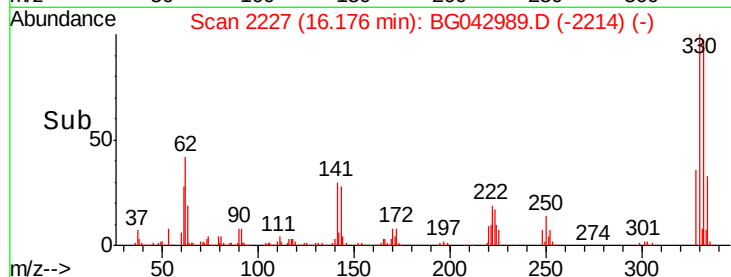
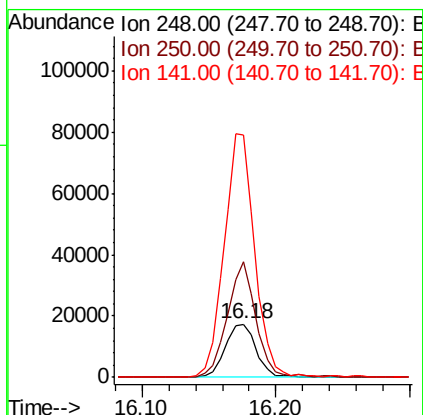
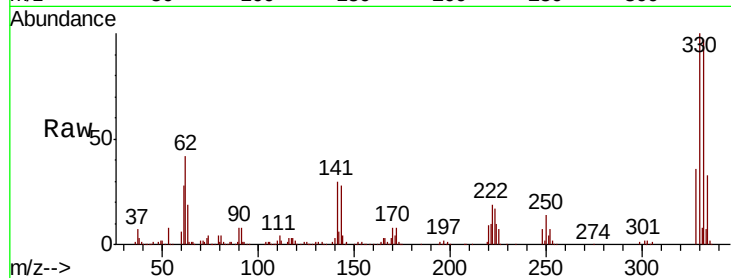




#67
 4-Bromophenyl-phenylether
 Concen: 5.445 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG042989.D
 Acq: 2 Oct 2019 17:49

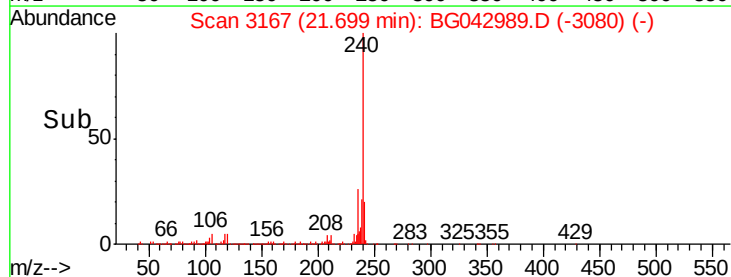
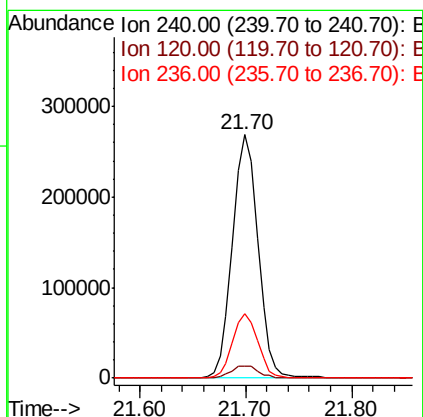
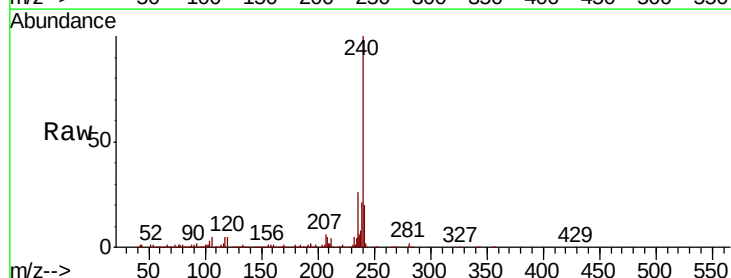
Instrument :
 BNA_G
 ClientSampleId :
 FB-10012019

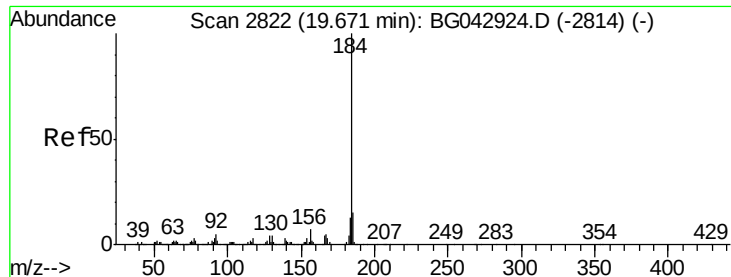
Tot Ion:248 Resp: 28512
 Ion Ratio Lower Upper
 248 100
 250 216.8 75.8 113.8#
 141 454.6 51.1 76.7#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG042989.D
 Acq: 2 Oct 2019 17:49

Tgt Ion:240 Resp: 450007
 Ion Ratio Lower Upper
 240 100
 120 4.8 4.8 7.2#
 236 26.5 21.4 32.0





#77

Benzidine

Concen: 3.114 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.37 min

Lab File: BG042989.D

Acq: 2 Oct 2019 17:49

Instrument :

BNA_G

ClientSampleId :

FB-10012019

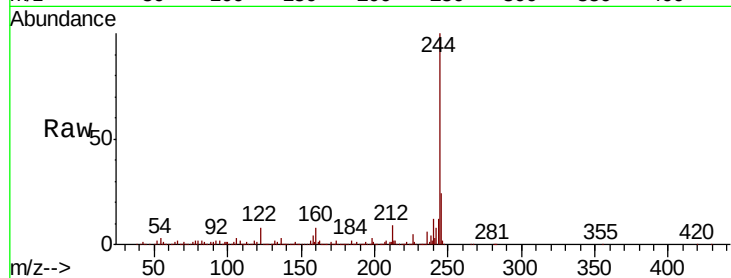
Tot Ion:184 Resp: 35088

Ion Ratio Lower Upper

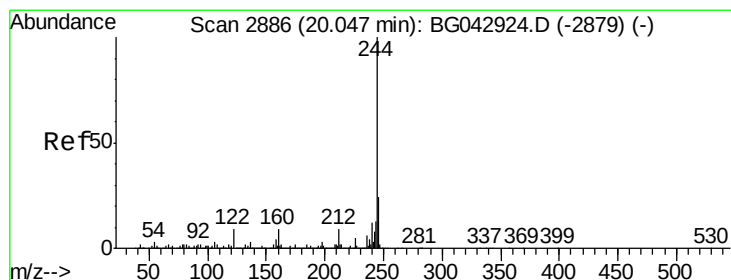
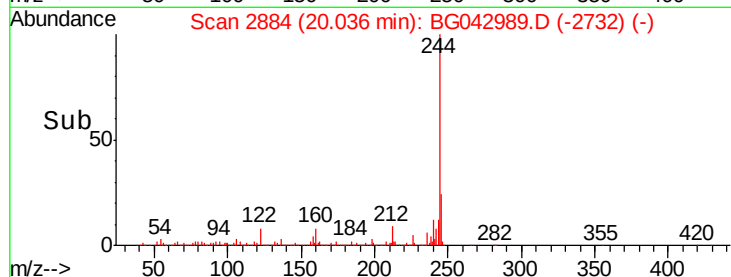
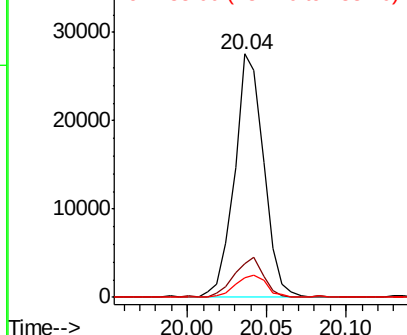
184 100

185 13.8 11.8 17.8

183 8.0 10.1 15.1#



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: 96.860 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG042989.D

Acq: 2 Oct 2019 17:49

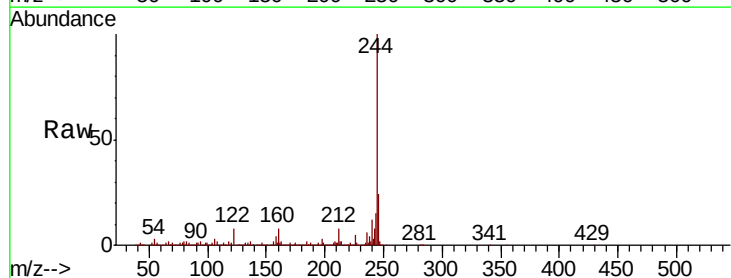
Tgt Ion:244 Resp: 2045527

Ion Ratio Lower Upper

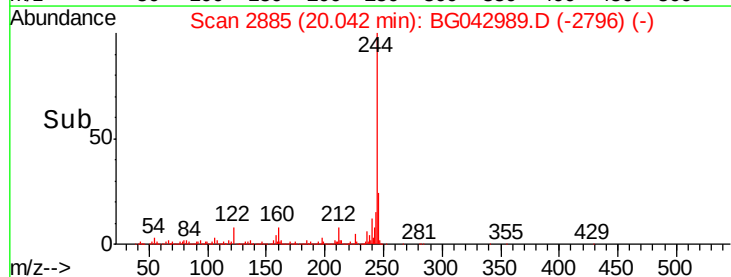
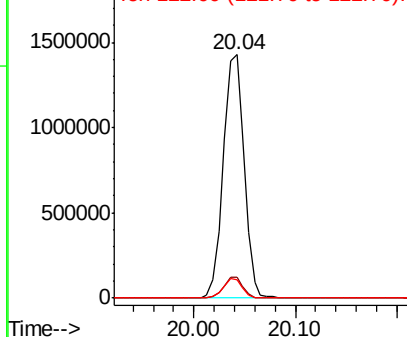
244 100

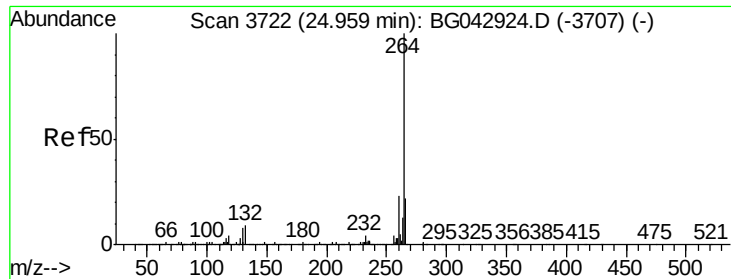
212 8.3 7.4 11.0

122 7.7 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
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG042989.D
Acq: 2 Oct 2019 17:49

Instrument :
BNA_G
ClientSampleId :
FB-10012019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.3	17.7	26.5

