

Data File : BG044635.D
Acq On : 2 Mar 2020 16:31
Operator : CG/JU
Sample : L1738-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-G0-G1-G0A-G1A

Quant Time: Mar 03 06:14:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

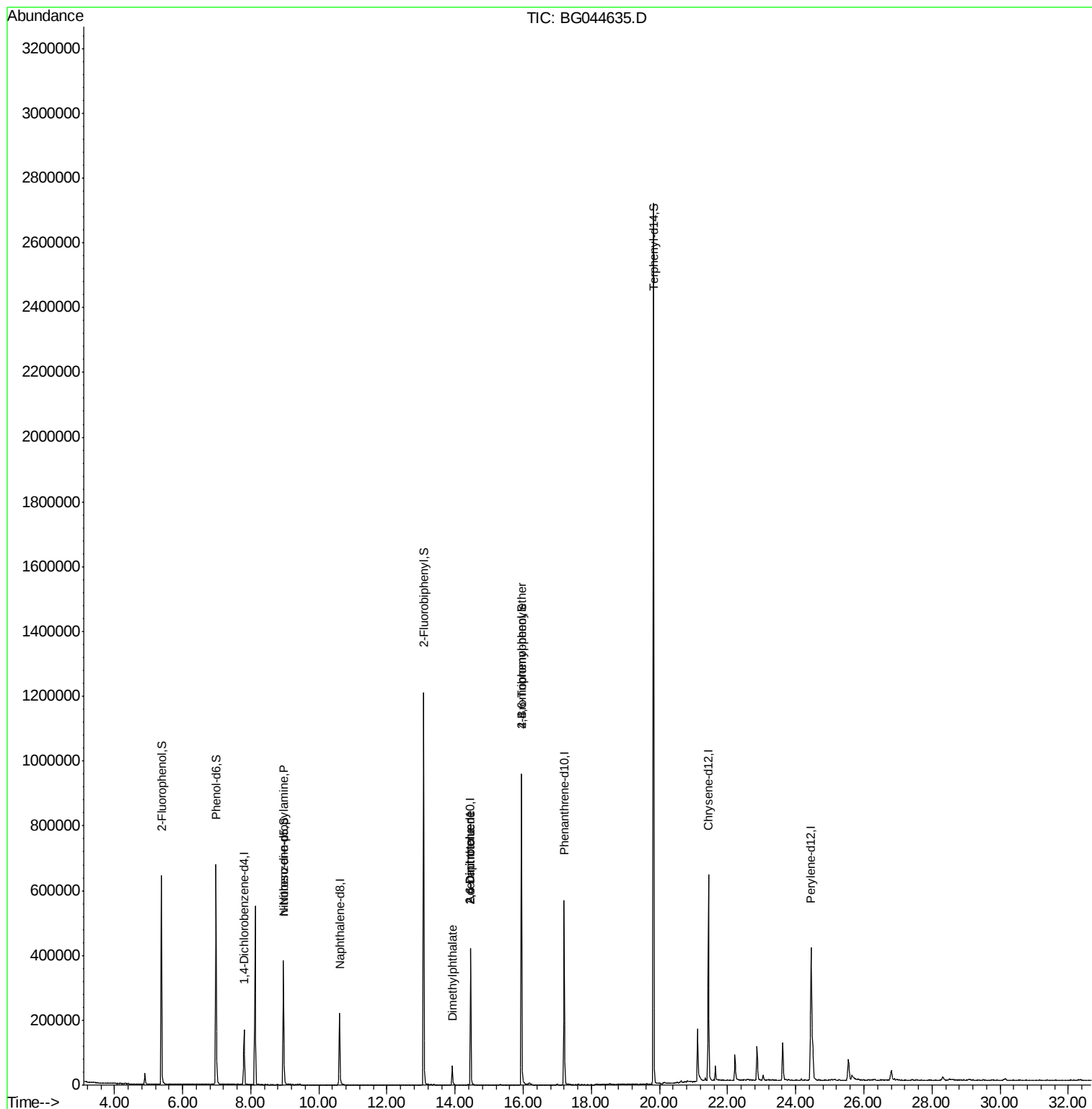
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	47513	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	218049	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	155578	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	376044	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	371750	20.00	ng	-0.07
87) Perylene-d12	24.45	264	409179	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	323190	109.14	ng	-0.07
7) Phenol-d6	6.98	99	435533	107.45	ng	-0.07
23) Nitrobenzene-d5	8.96	82	260364	61.52	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	199493	90.43	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	676811	62.30	ng	-0.06
79) Terphenyl-d14	19.82	244	1321500	67.29	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	32885	12.621	ng	# 78
50) Dimethylphthalate	13.91	163	53172	4.234	ng	100
51) 2,6-Dinitrotoluene	14.45	165	19798	7.149	ng	# 32
57) 2,4-Dinitrotoluene	14.45	165	19798	5.085	ng	# 31
67) 4-Bromophenyl-phenylether	15.95	248	13399	2.871	ng	# 1

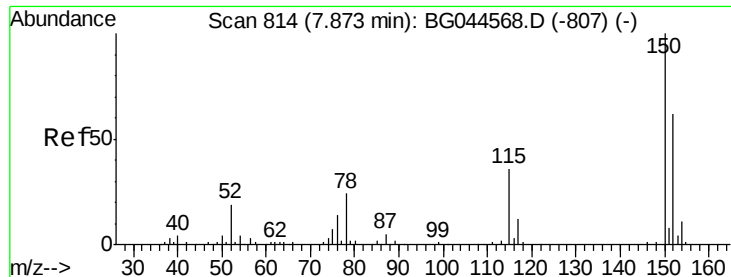
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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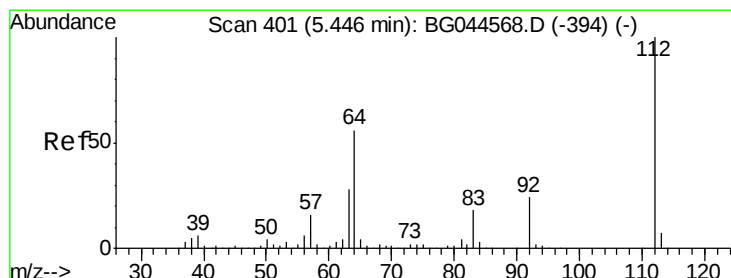
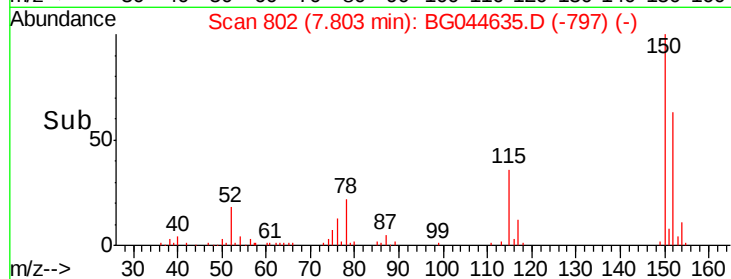
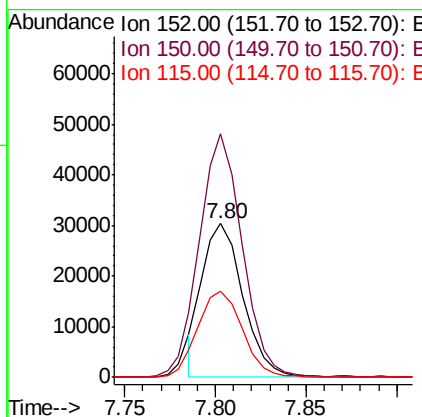
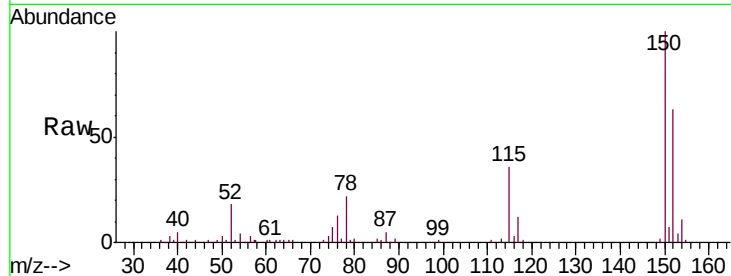


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044635.D
Acq: 2 Mar 2020 16:31

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-G0-G1-G0A-G1A

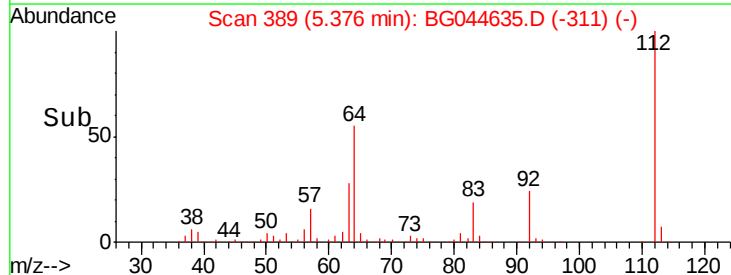
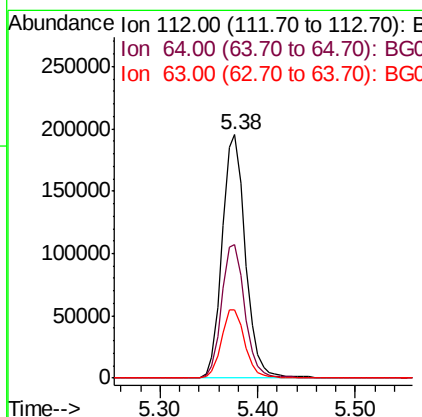
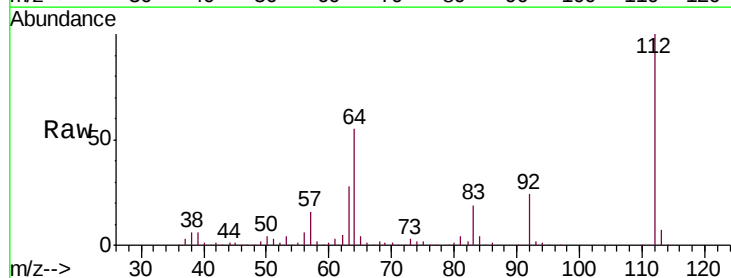
Tgt Ion:152 Resp: 47513
Ion Ratio Lower Upper
152 100
150 158.6 128.9 193.3
115 56.3 47.0 70.4



#5

2-Fluorophenol
Concen: 109.138 ng
RT: 5.38 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044635.D
Acq: 2 Mar 2020 16:31

Tgt Ion:112 Resp: 323190
Ion Ratio Lower Upper
112 100
64 55.1 44.8 67.2
63 28.1 22.3 33.5





#7

Phenol-d6

Concen: 107.448 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044635.D

Acq: 2 Mar 2020 16:31

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-G0-G1-G0A-G1A

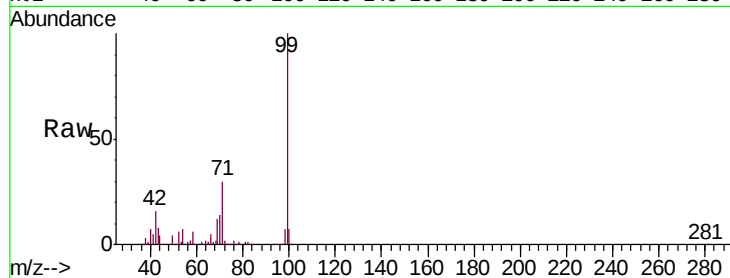
Tgt Ion: 99 Resp: 435533

Ion Ratio Lower Upper

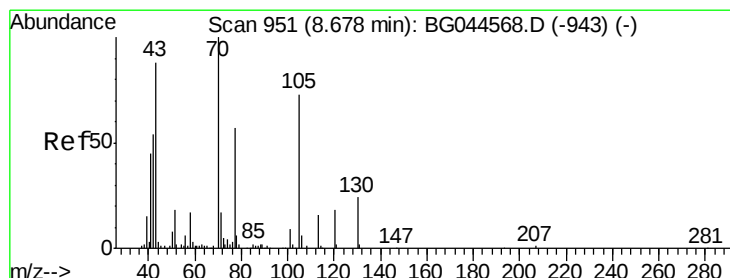
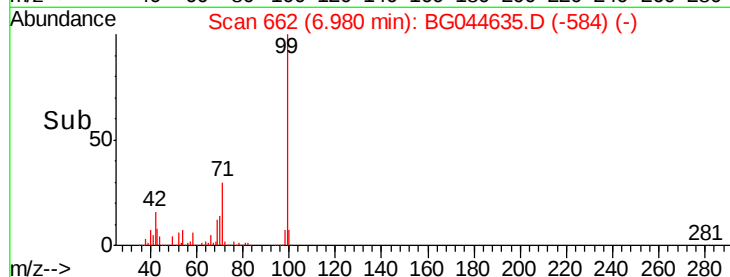
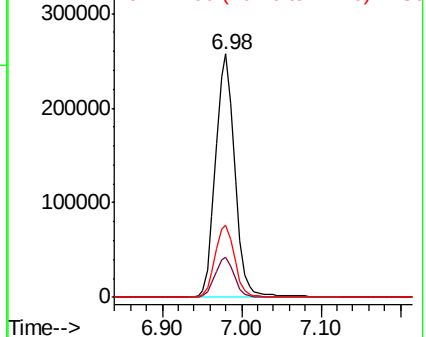
99 100

42 16.4 12.8 19.2

71 29.8 24.4 36.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.621 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044635.D

Acq: 2 Mar 2020 16:31

Tgt Ion: 70 Resp: 32885

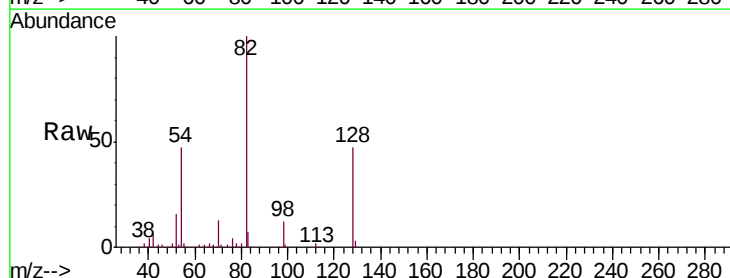
Ion Ratio Lower Upper

70 100

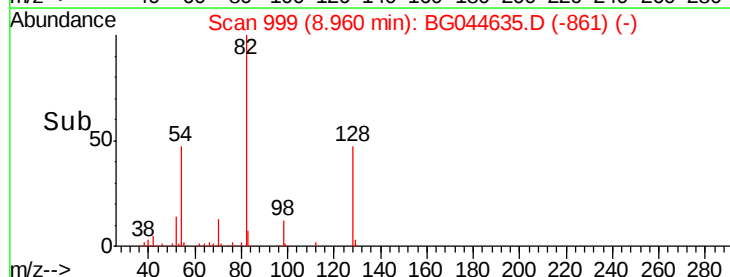
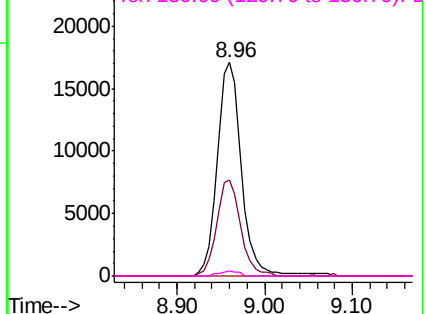
42 45.2 43.4 65.0

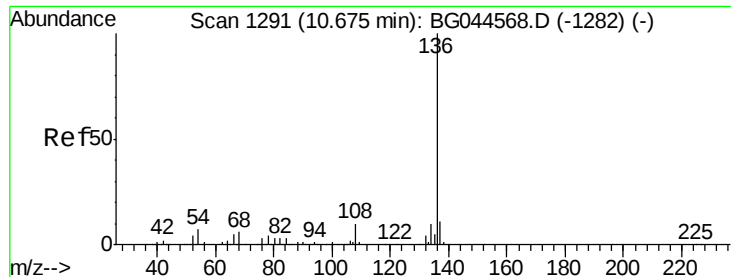
101 0.0 7.5 11.3#

130 2.2 18.9 28.3#



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

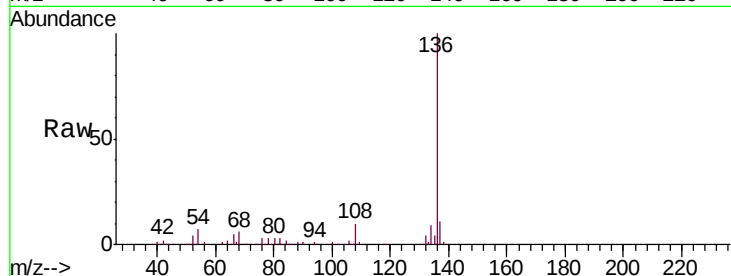




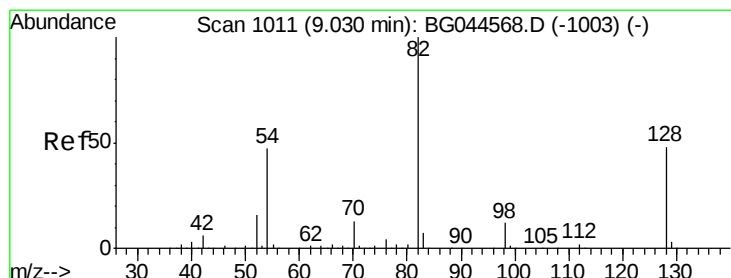
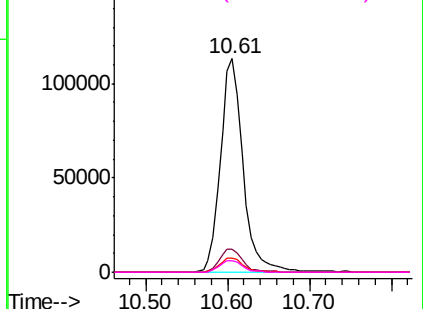
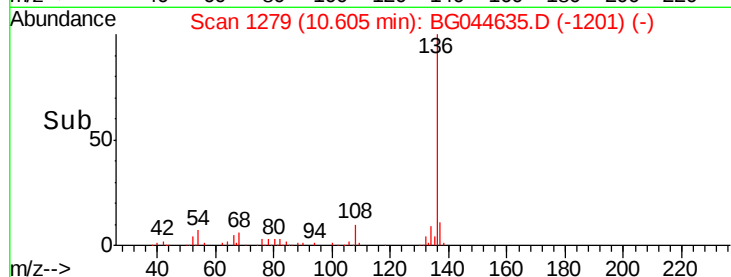
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044635.D
Acq: 2 Mar 2020 16:31

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-G0-G1-G0A-G1A

Tgt Ion:	136	Resp:	218049
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.7	8.5
68	5.6	4.5	6.7

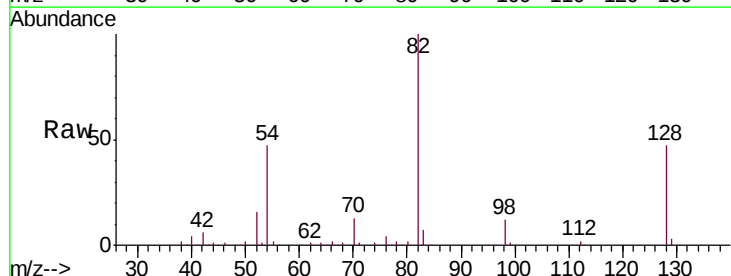


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

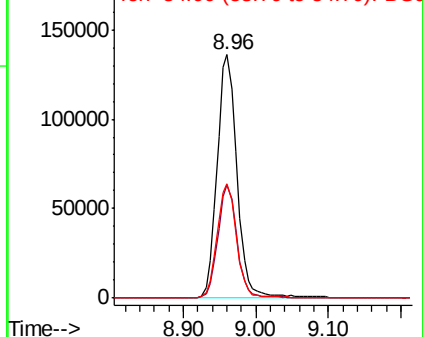
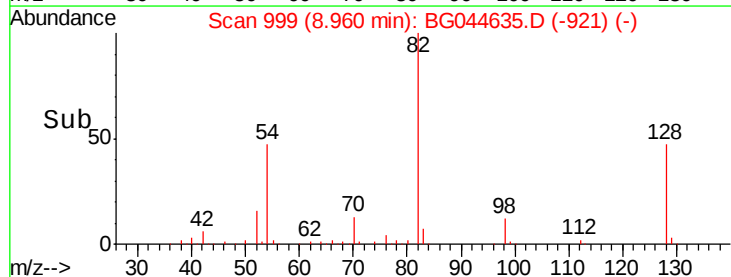


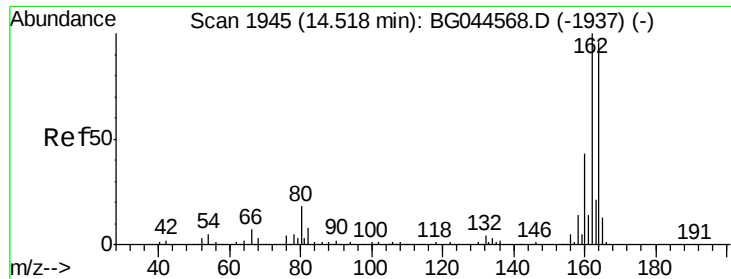
#23
Nitrobenzene-d5
Concen: 61.516 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044635.D
Acq: 2 Mar 2020 16:31

Tgt Ion:	82	Resp:	260364
Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.1	57.1
54	47.0	37.5	56.3



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: 14.45 min Scan# 1934

Delta R.T. -0.06 min

Lab File: BG044635.D

Acq: 2 Mar 2020 16:31

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-G0-G1-G0A-G1A

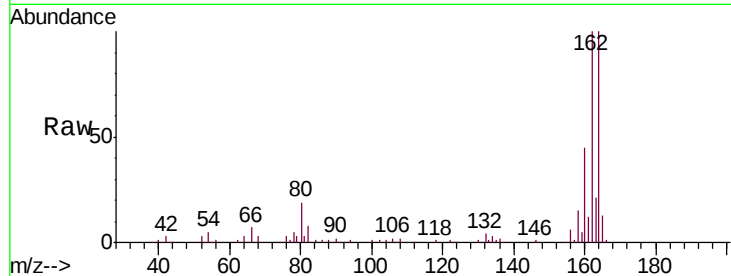
Tgt Ion:164 Resp: 155578

Ion Ratio Lower Upper

164 100

162 100.3 83.6 125.4

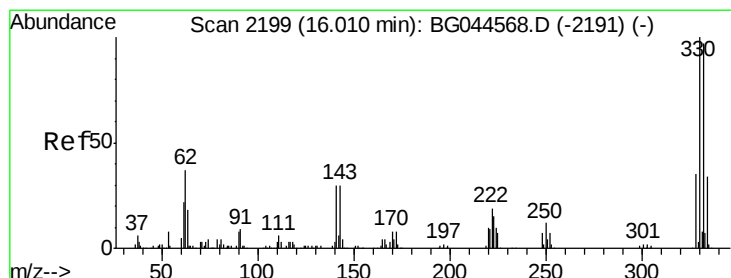
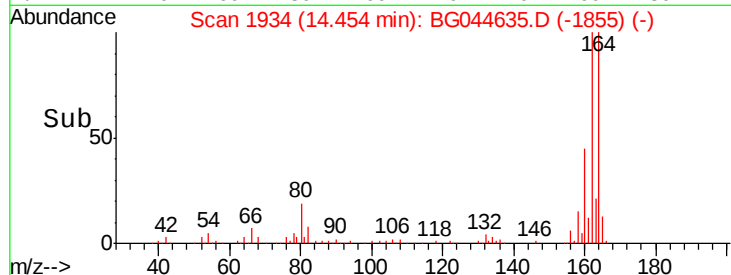
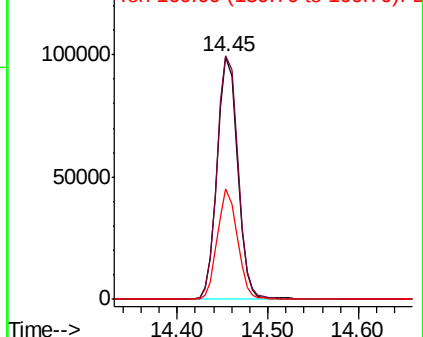
160 45.5 36.2 54.4



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: 90.433 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.06 min

Lab File: BG044635.D

Acq: 2 Mar 2020 16:31

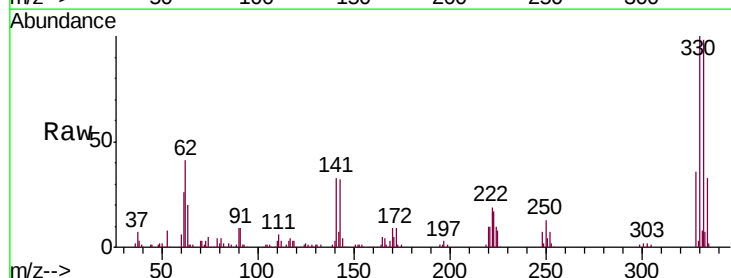
Tgt Ion:330 Resp: 199493

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

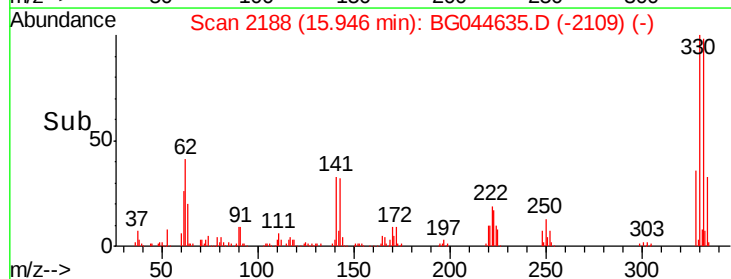
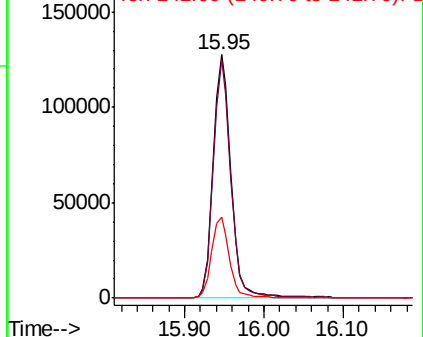
141 33.4 26.1 39.1

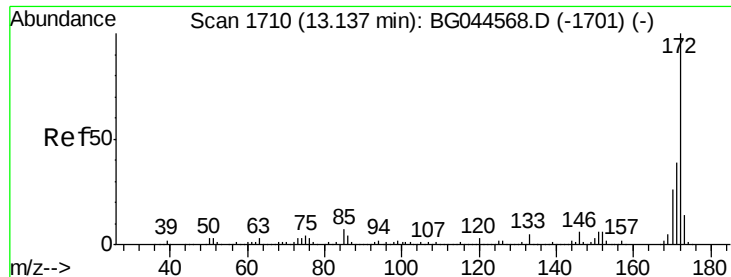


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

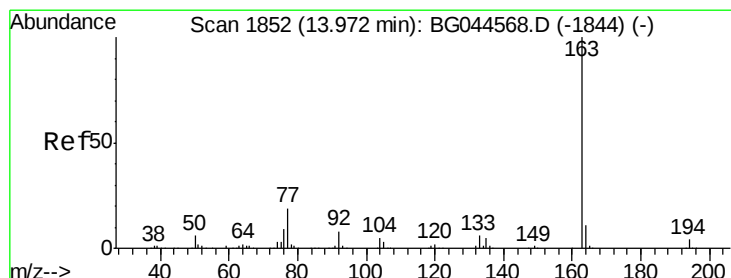
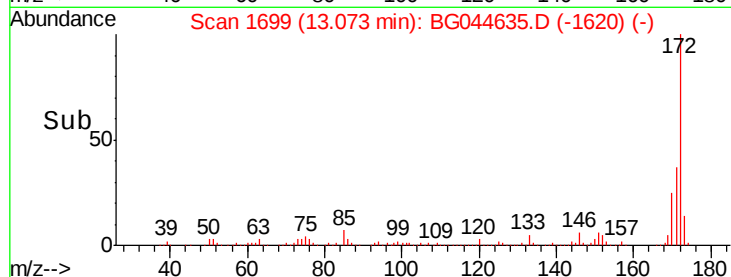
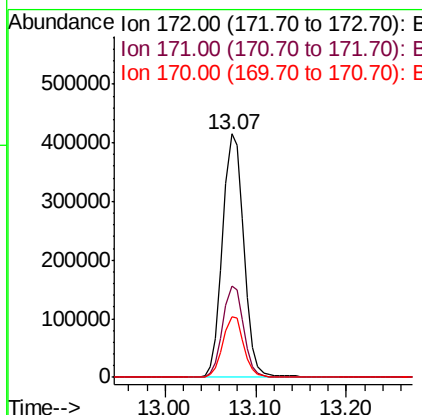
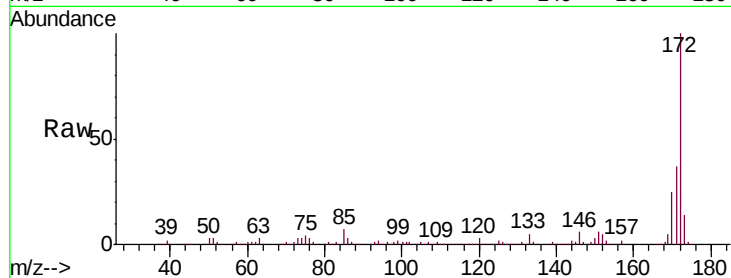




#45
 2-Fluorobiphenyl
 Concen: 62.296 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.06 min
 Lab File: BG044635.D
 Acq: 2 Mar 2020 16:31

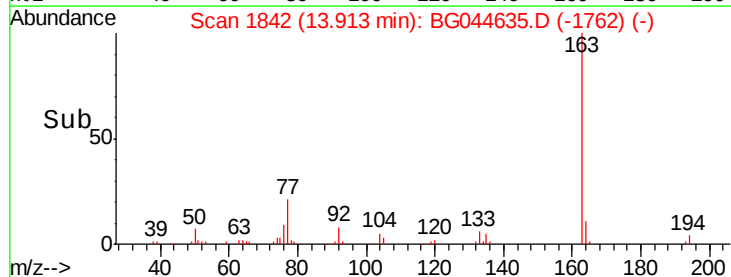
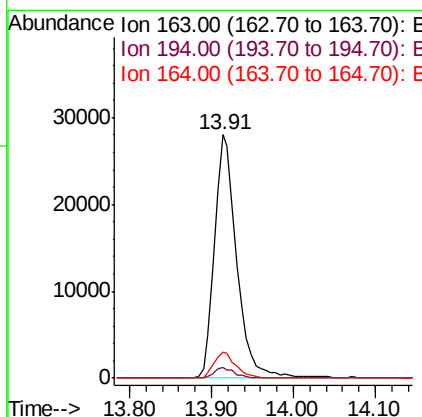
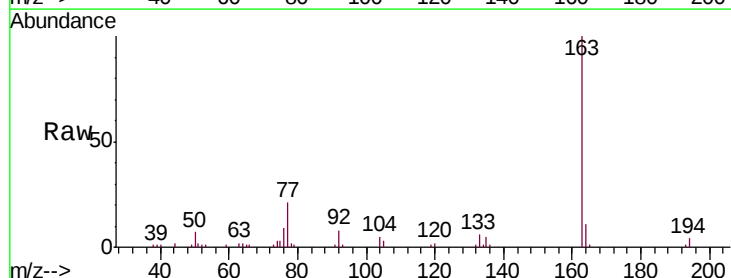
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-G0-G1-G0A-G1A

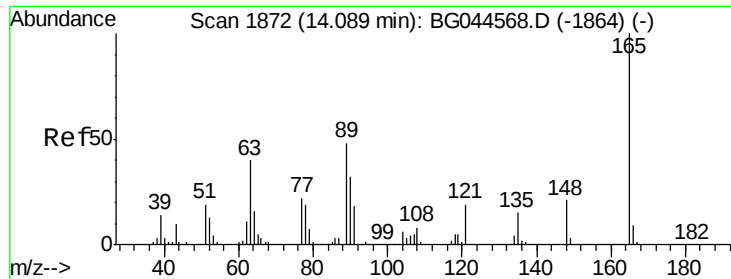
Tgt Ion:172 Resp: 676811
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.3 46.9
 170 25.1 21.0 31.4



#50
 Dimethylphthalate
 Concen: 4.234 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044635.D
 Acq: 2 Mar 2020 16:31

Tgt Ion:163 Resp: 53172
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.0
 164 10.8 8.7 13.1

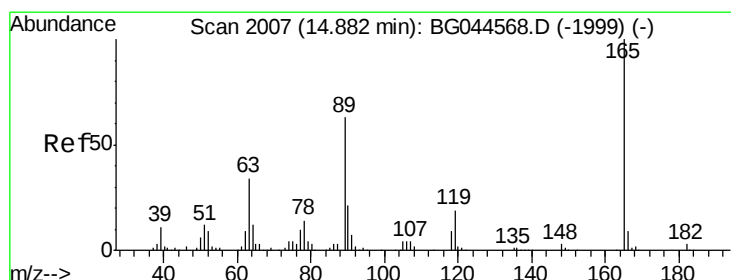
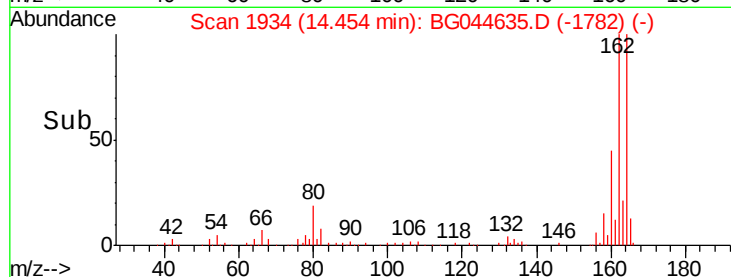
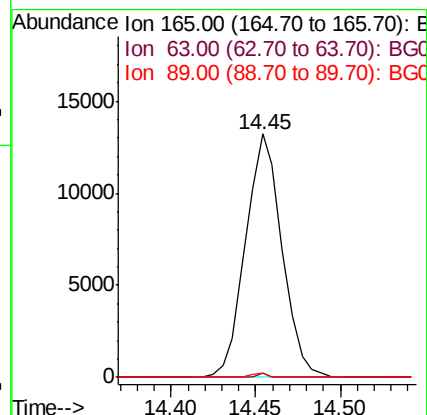
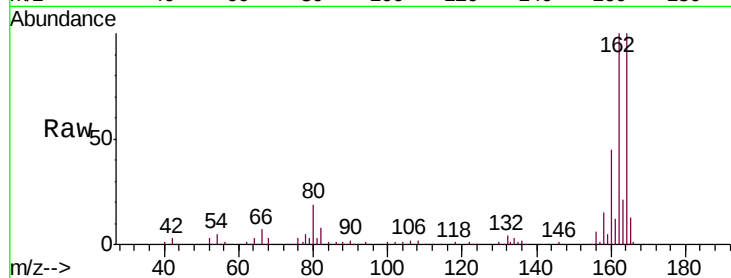




#51
 2,6-Dinitrotoluene
 Concen: 7.149 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.36 min
 Lab File: BG044635.D
 Acq: 2 Mar 2020 16:31

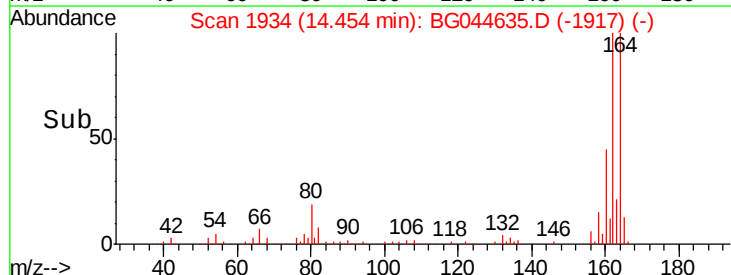
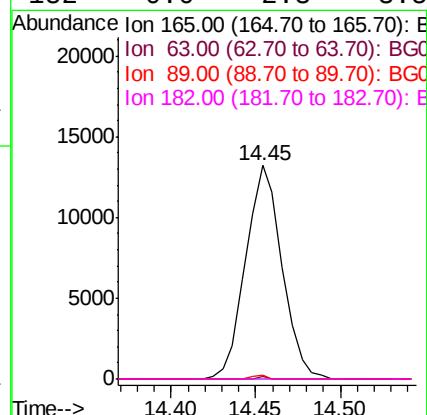
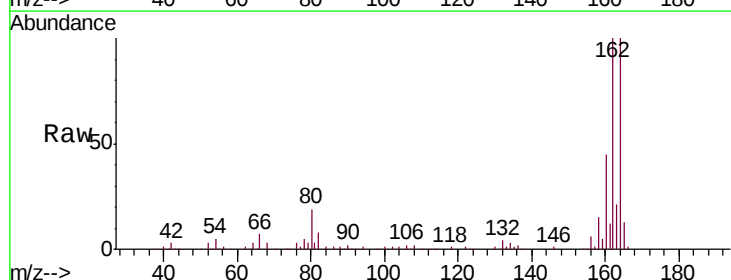
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 FK-BPM-01-G0-G1-G0A-G1A

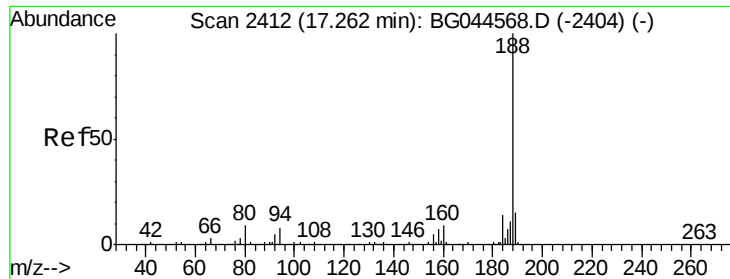
Tgt Ion:165 Resp: 19798
 Ion Ratio Lower Upper
 165 100
 63 1.5 35.8 53.6#
 89 1.9 38.7 58.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.085 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044635.D
 Acq: 2 Mar 2020 16:31

Tgt Ion:165 Resp: 19798
 Ion Ratio Lower Upper
 165 100
 63 1.5 27.5 41.3#
 89 1.9 50.0 75.0#
 182 0.0 2.3 3.5#

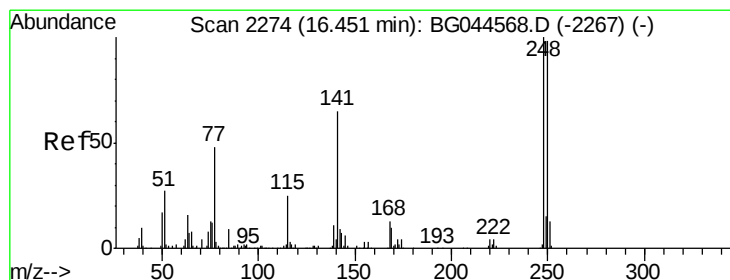
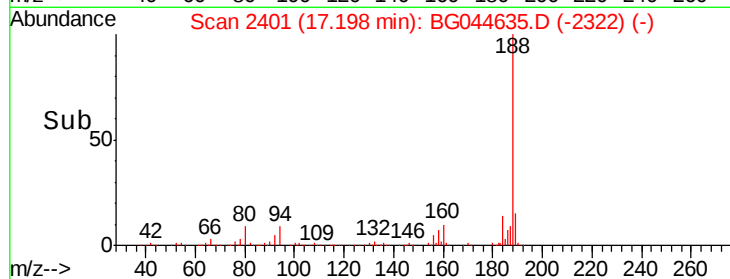
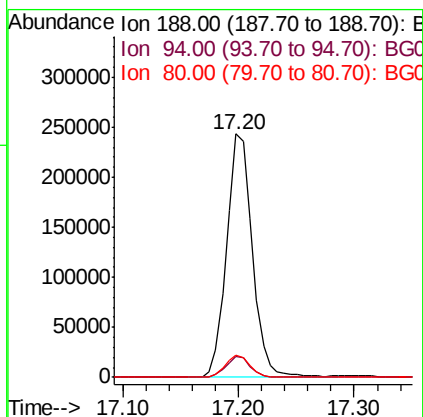
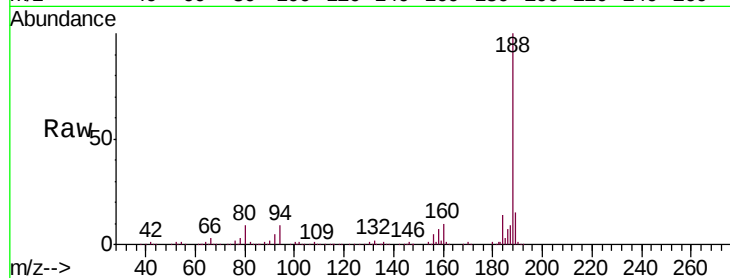




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2401
 Delta R.T. -0.06 min
 Lab File: BG044635.D
 Acq: 2 Mar 2020 16:31

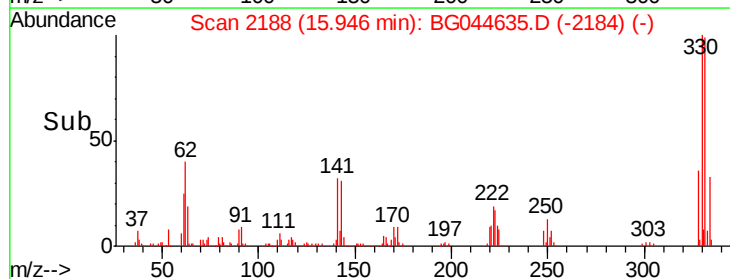
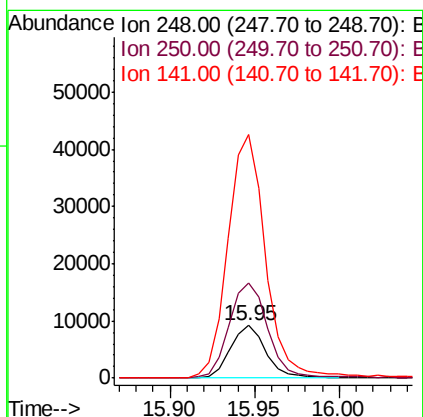
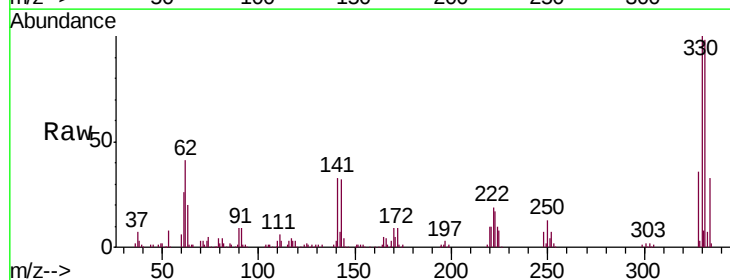
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-G0-G1-G0A-G1A

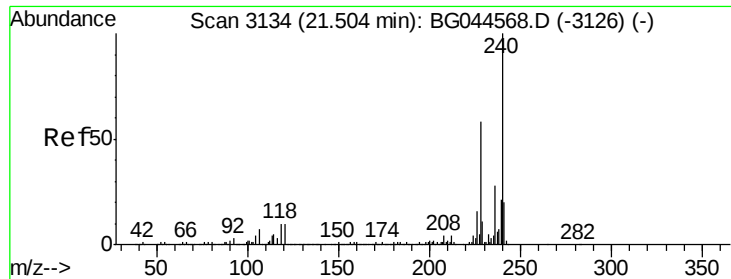
Tgt Ion:188 Resp: 376044
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.7 10.1
 80 9.0 7.6 11.4



#67
 4-Bromophenyl-phenylether
 Concen: 2.871 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.50 min
 Lab File: BG044635.D
 Acq: 2 Mar 2020 16:31

Tgt Ion:248 Resp: 13399
 Ion Ratio Lower Upper
 248 100
 250 180.0 78.7 118.1#
 141 460.7 52.3 78.5#

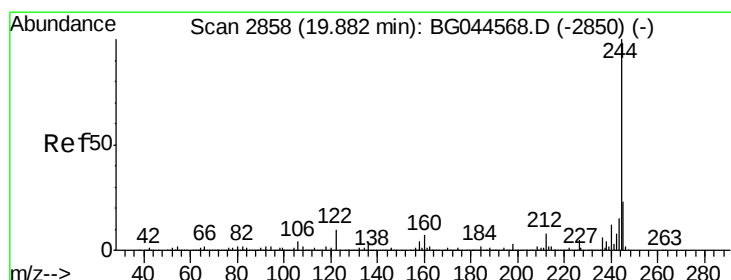
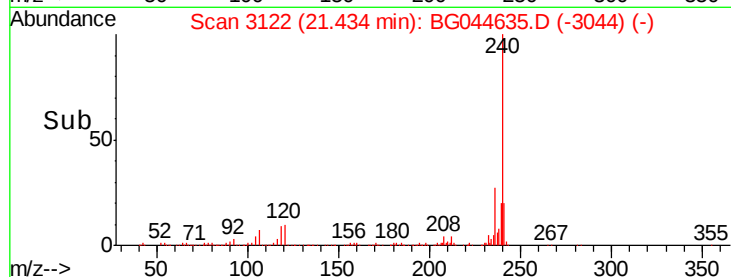
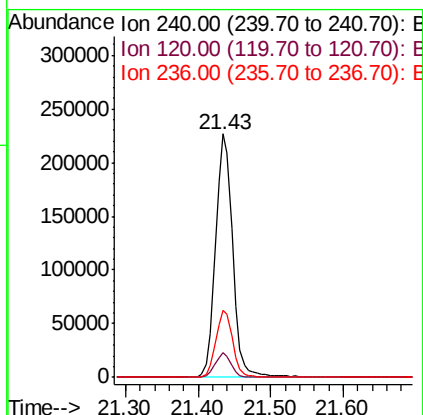
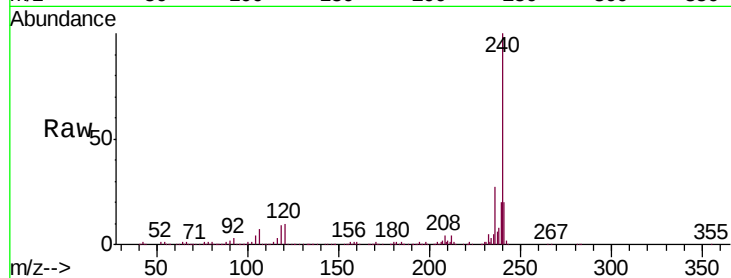




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044635.D
Acq: 2 Mar 2020 16:31

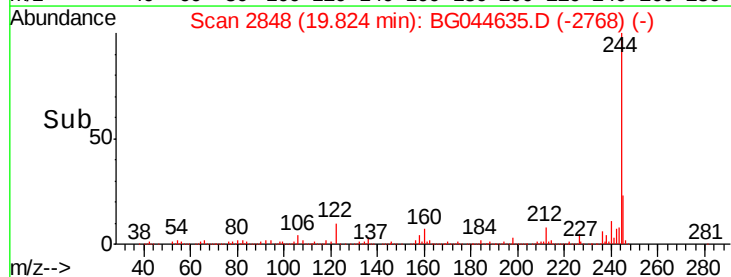
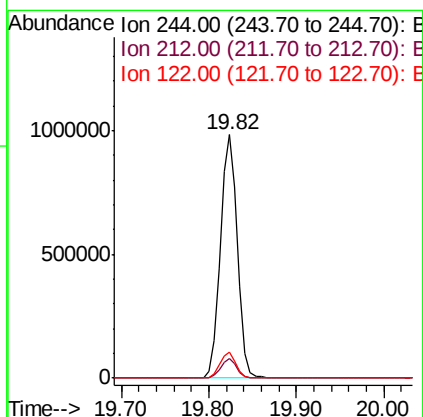
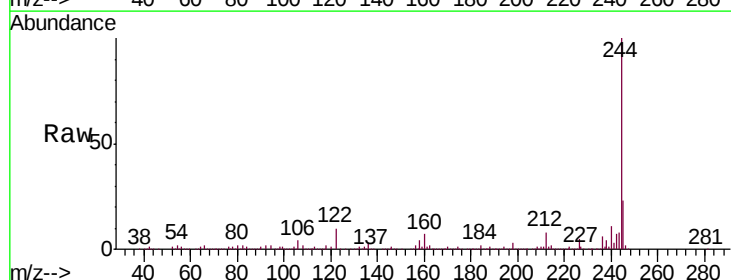
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-G0-G1-G0A-G1A

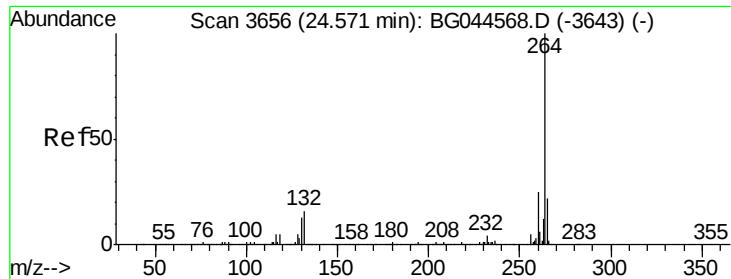
Tgt Ion:240 Resp: 371750
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 27.4 22.3 33.5



#79
Terphenyl-d14
Concen: 67.295 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044635.D
Acq: 2 Mar 2020 16:31

Tgt Ion:244 Resp: 1321500
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.5 8.2 12.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3635
Delta R.T. -0.12 min
Lab File: BG044635.D
Acq: 2 Mar 2020 16:31

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-G0-G1-G0A-G1A

Tgt Ion: 264 Resp: 409179
Ion Ratio Lower Upper
264 100
260 24.9 19.7 29.5
265 23.0 17.8 26.8

