

Data File : BG044656.D
Acq On : 3 Mar 2020 7:40
Operator : CG/JU
Sample : L1743-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-4

Quant Time: Mar 03 08:18:18 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	65727	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	318735	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	210344	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	441078	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	391235	20.00	ng	-0.07
87) Perylene-d12	24.45	264	436584	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	503575	122.93	ng	-0.07
7) Phenol-d6	6.98	99	669311	119.36	ng	-0.07
23) Nitrobenzene-d5	8.96	82	413160	66.78	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	266560	89.37	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	966969	65.83	ng	-0.06
79) Terphenyl-d14	19.82	244	1382329	66.89	ng	-0.06

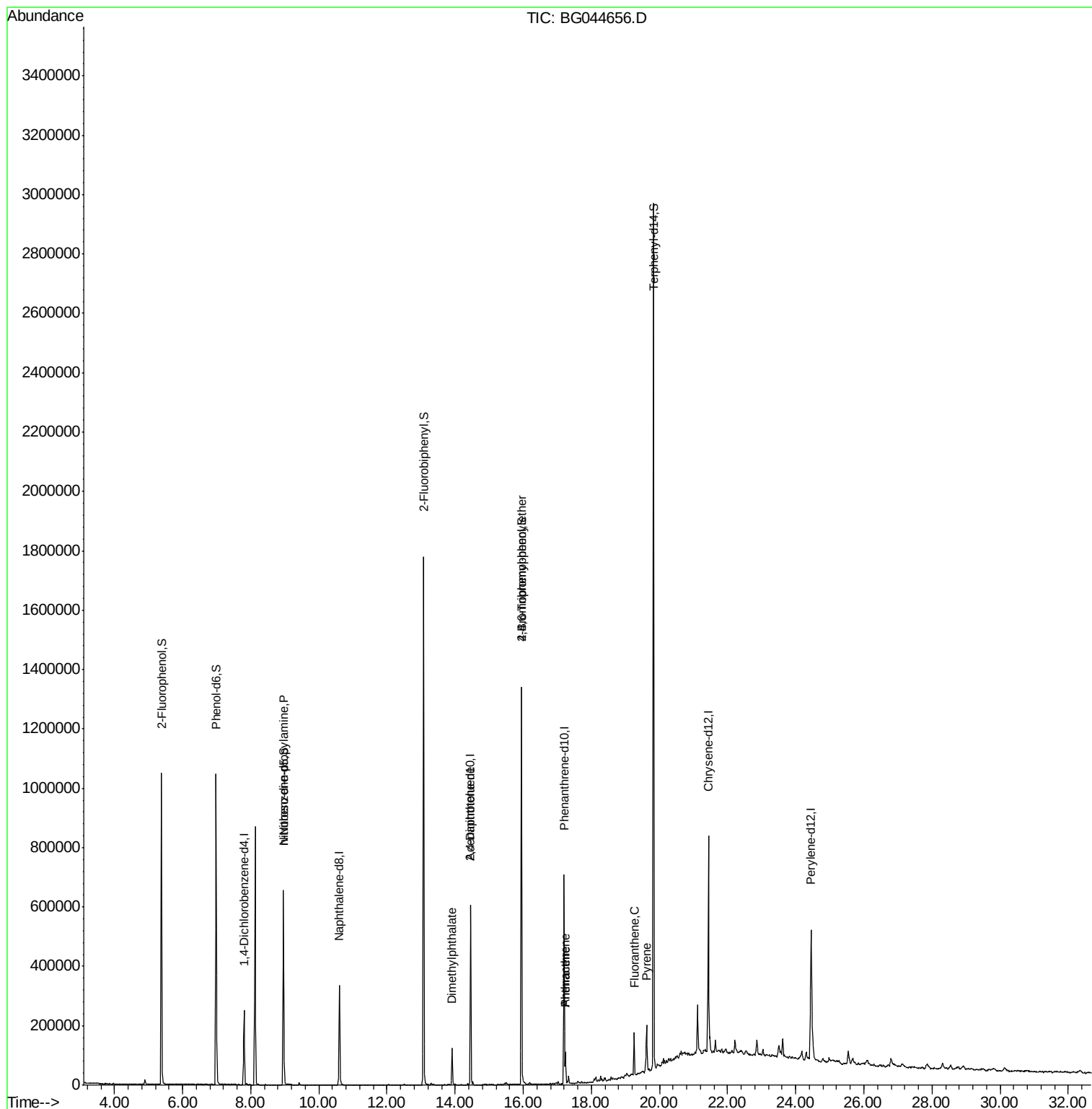
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	8.96	70	52168	14.474	ng	# 79
50) Dimethylphthalate	13.91	163	91733	5.403	ng	99
57) 2,4-Dinitrotoluene	14.45	165	27741	5.270	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	18185	3.321	ng	# 1
71) Phenanthrene	17.24	178	66006	2.703	ng	99
72) Anthracene	17.24	178	66006	2.743	ng	99
75) Fluoranthene	19.25	202	88063	3.046	ng	97
78) Pyrene	19.61	202	81577	2.872	ng	95

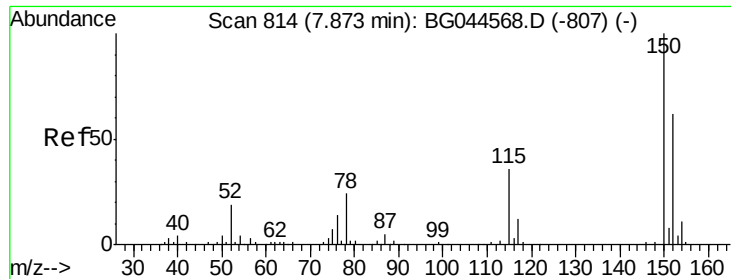
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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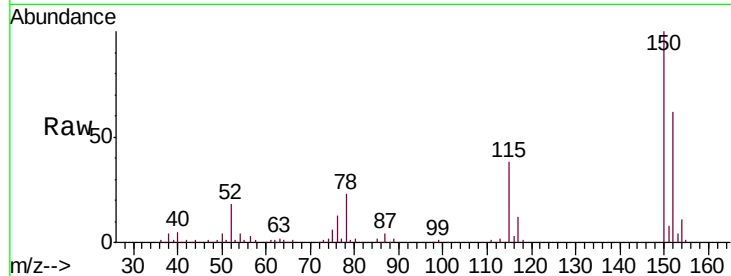




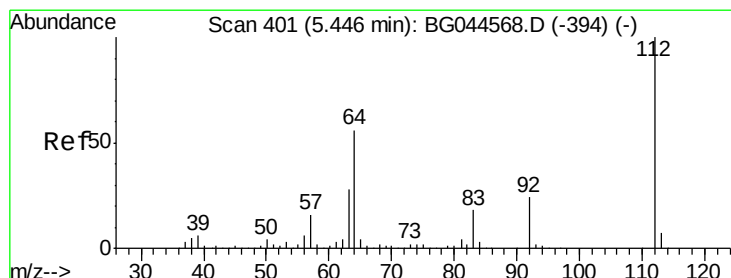
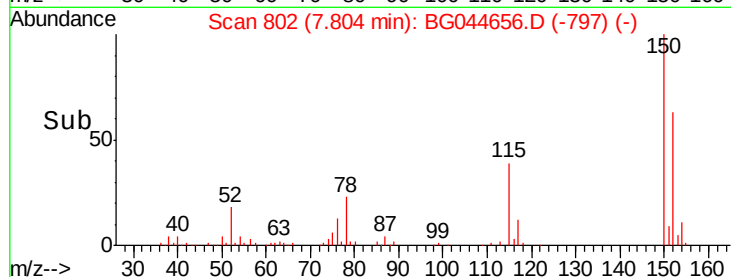
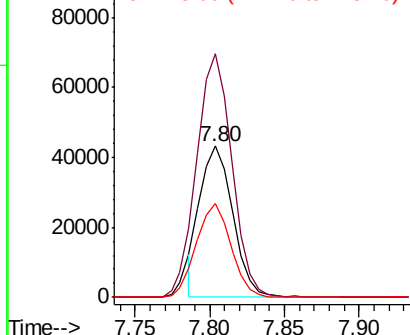
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Tgt Ion:152 Resp: 65727
 Ion Ratio Lower Upper
 152 100
 150 161.3 128.9 193.3
 115 61.9 47.0 70.4

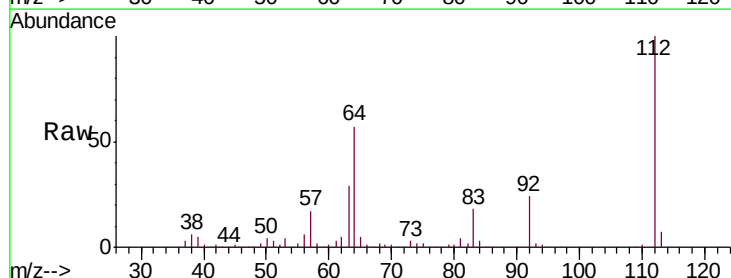


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

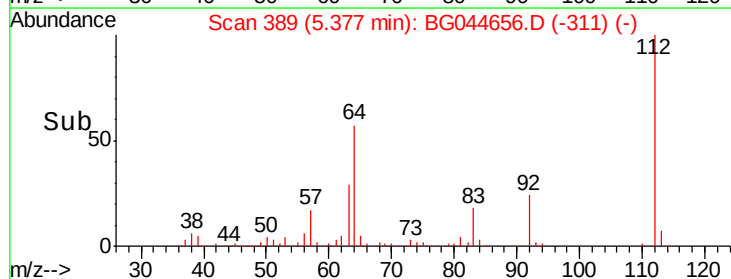
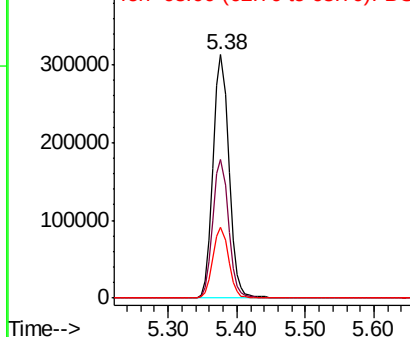


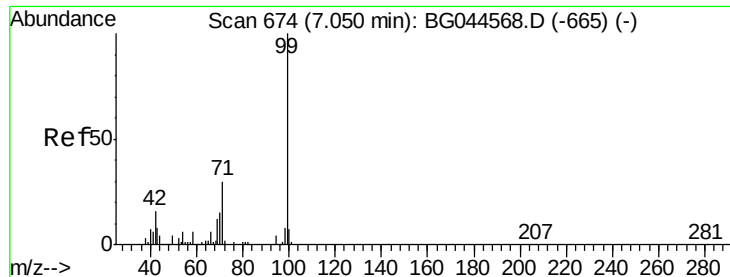
#5
 2-Fluorophenol
 Concen: 122.928 ng
 RT: 5.38 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Tgt Ion:112 Resp: 503575
 Ion Ratio Lower Upper
 112 100
 64 57.0 44.8 67.2
 63 29.2 22.3 33.5



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: 119.364 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Instrument :

BNA_G

ClientSampled :

C-4

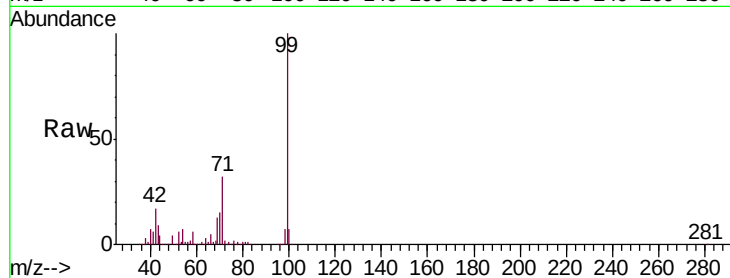
Tgt Ion: 99 Resp: 669311

Ion Ratio Lower Upper

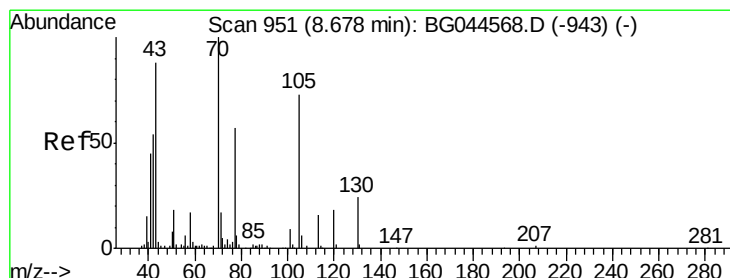
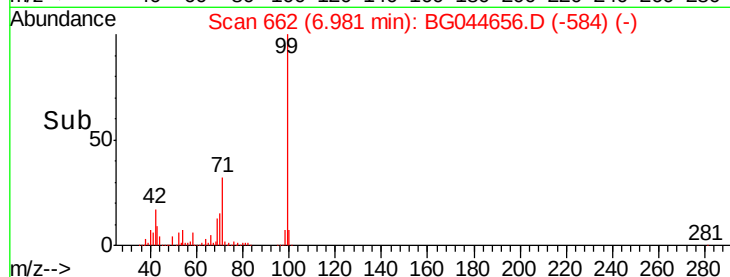
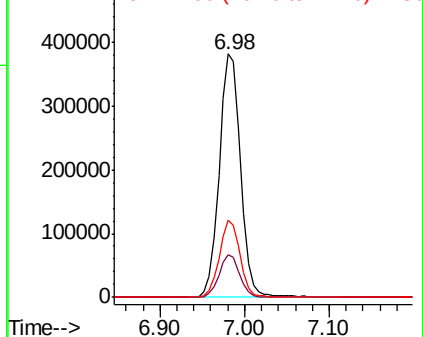
99 100

42 17.4 12.8 19.2

71 31.9 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: 14.474 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Tgt Ion: 70 Resp: 52168

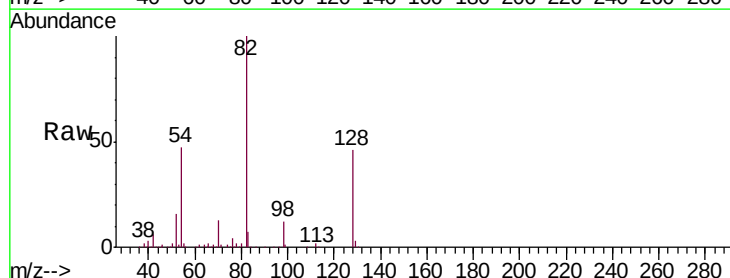
Ion Ratio Lower Upper

70 100

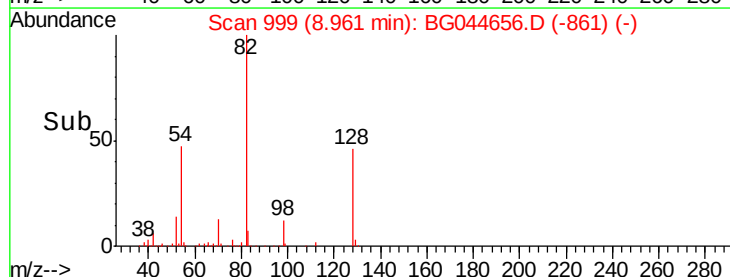
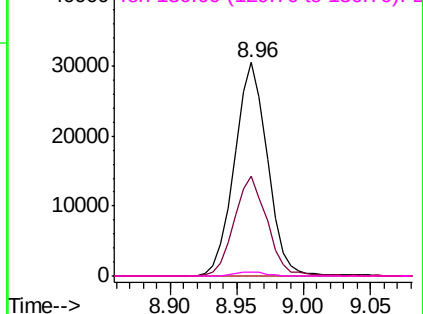
42 46.6 43.4 65.0

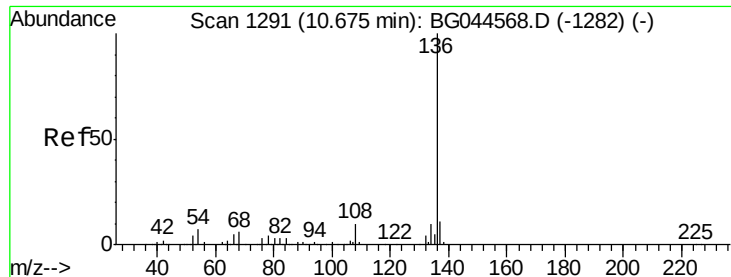
101 0.0 7.5 11.3#

130 2.0 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

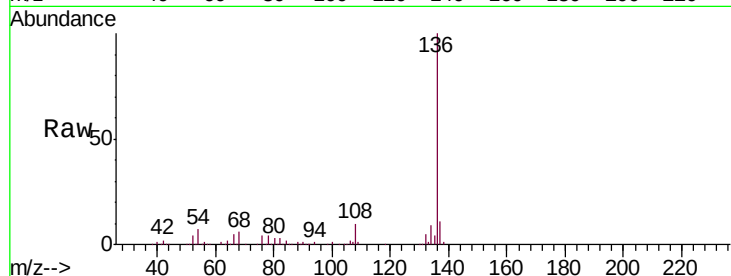




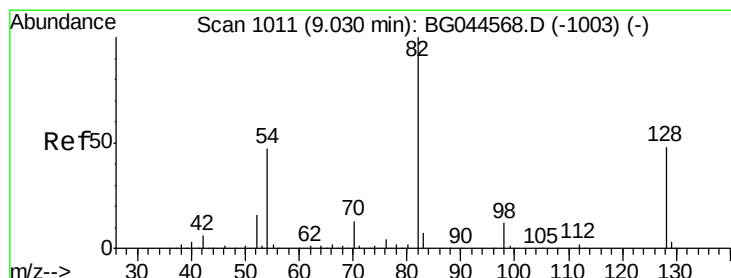
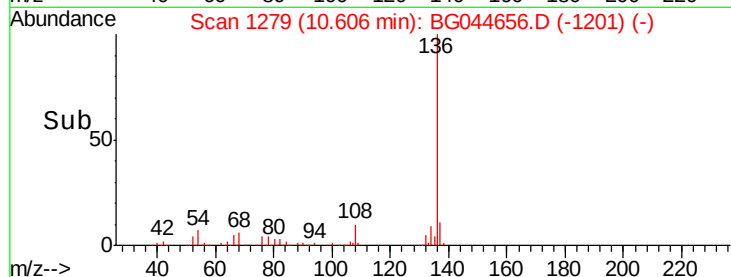
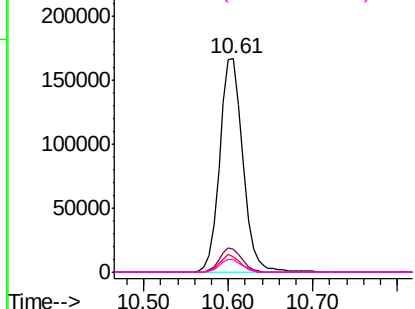
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Instrument :
BNA_G
ClientSampled :
C-4

Tgt Ion:	136	Resp:	318735
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	5.7	8.5
68	6.0	4.5	6.7

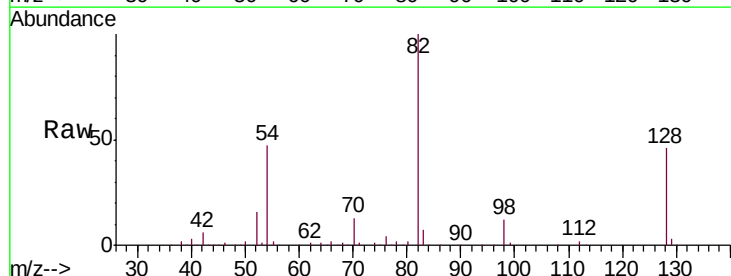


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

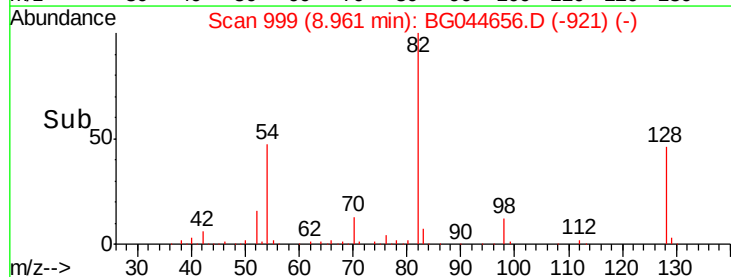
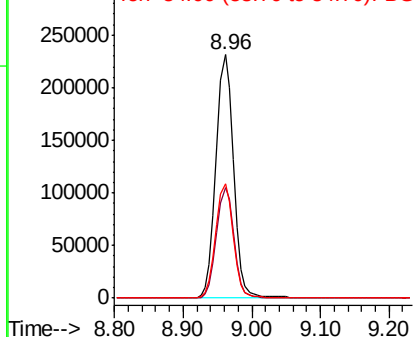


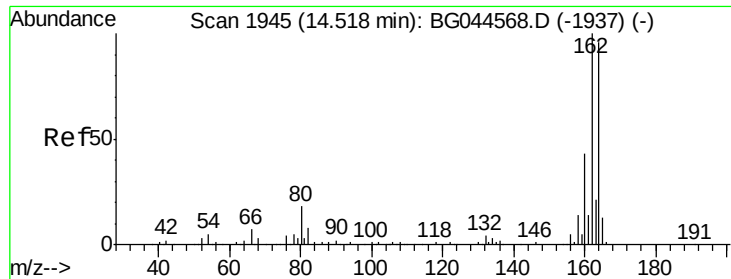
#23
Nitrobenzene-d5
Concen: 66.781 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Tgt Ion:	82	Resp:	413160
Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.1	57.1
54	47.1	37.5	56.3



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

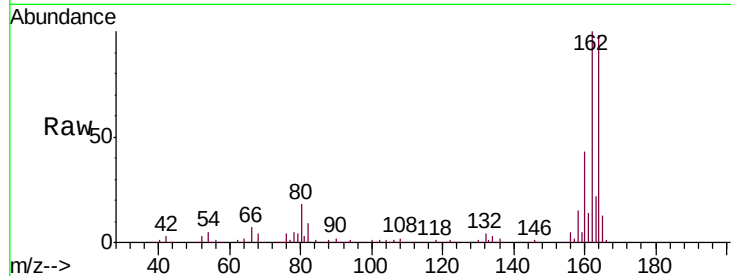




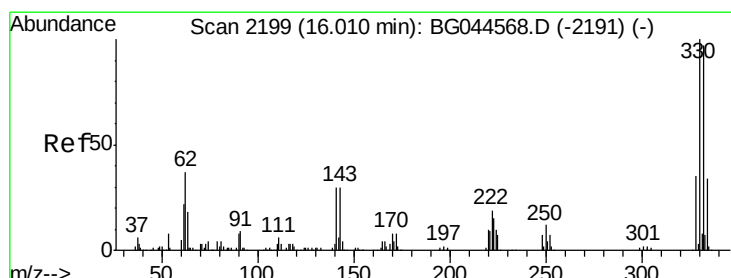
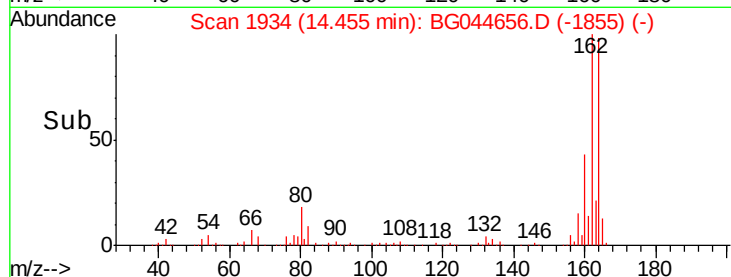
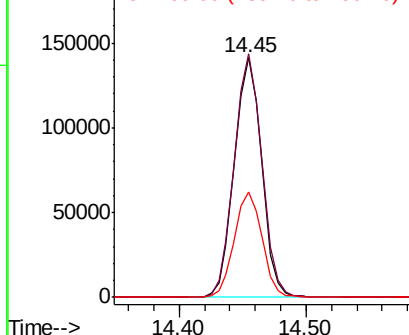
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.06 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Instrument :
BNA_G
ClientSampleId :
C-4

Tgt Ion:164 Resp: 210344
Ion Ratio Lower Upper
164 100
162 101.8 83.6 125.4
160 43.9 36.2 54.4

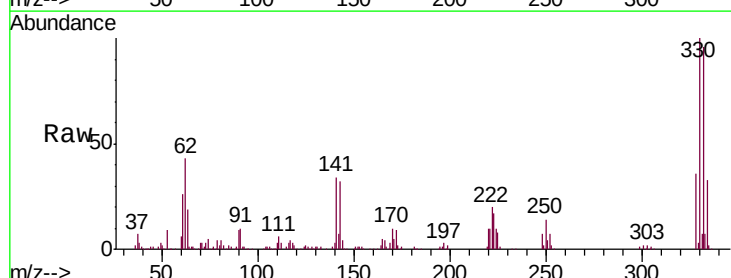


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

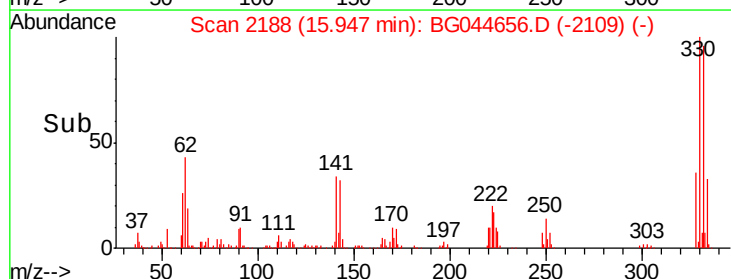
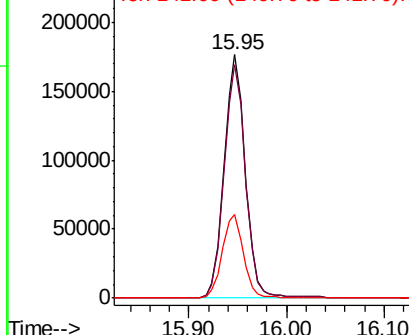


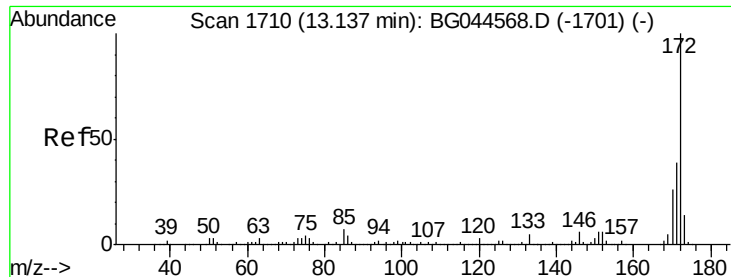
#42
2,4,6-Tribromophenol
Concen: 89.374 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.06 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Tgt Ion:330 Resp: 266560
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 34.6 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

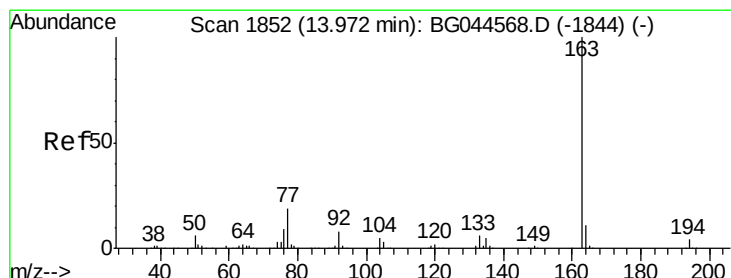
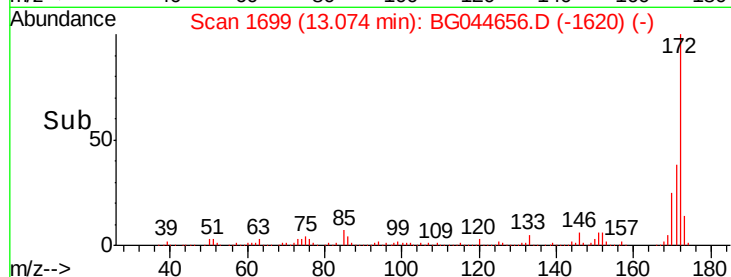
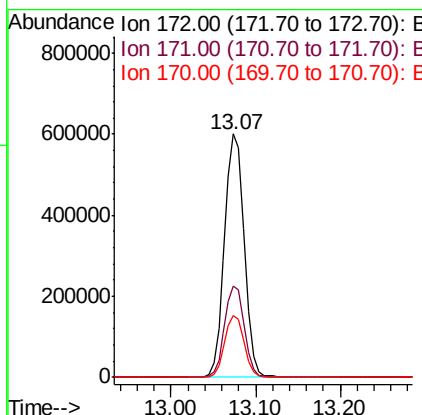
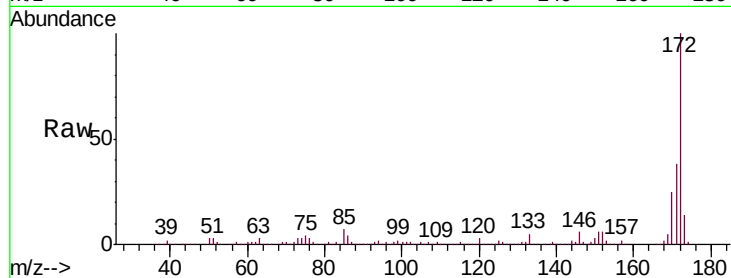




#45
 2-Fluorobiphenyl
 Concen: 65.830 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.06 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

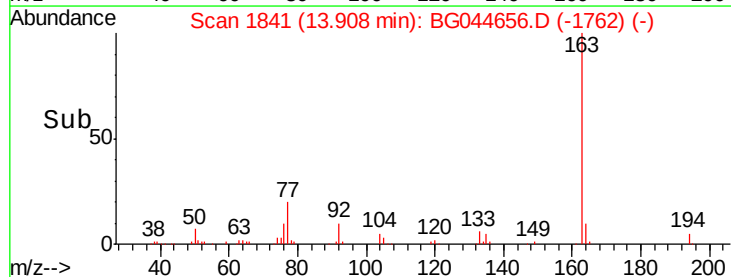
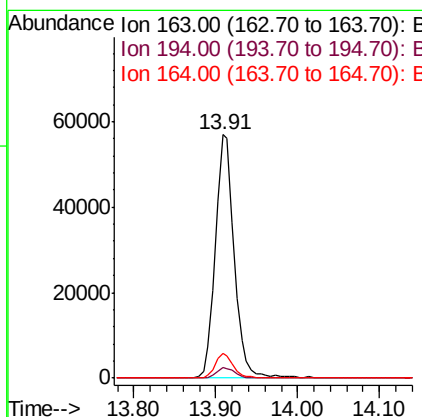
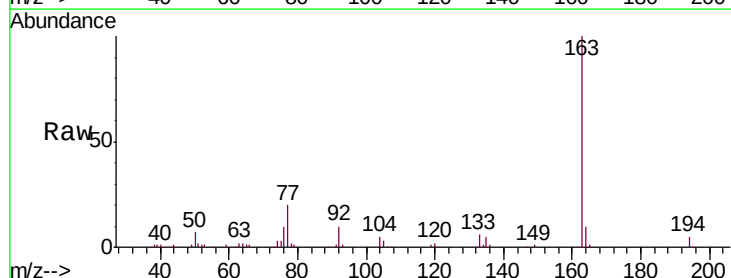
Instrument :
 BNA_G
 ClientSampleId :
 C-4

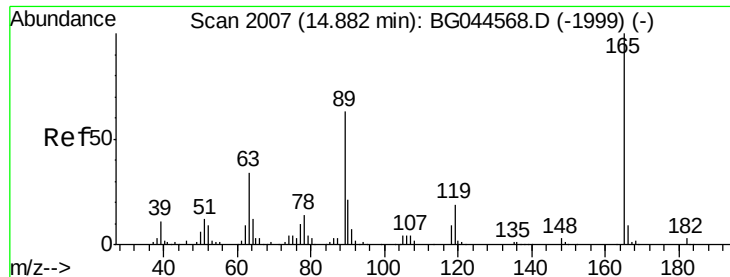
Tgt Ion:	172	Resp:	966969
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.4



#50
 Dimethylphthalate
 Concen: 5.403 ng
 RT: 13.91 min Scan# 1841
 Delta R.T. -0.06 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Tgt Ion:	163	Resp:	91733
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.4	8.7	13.1

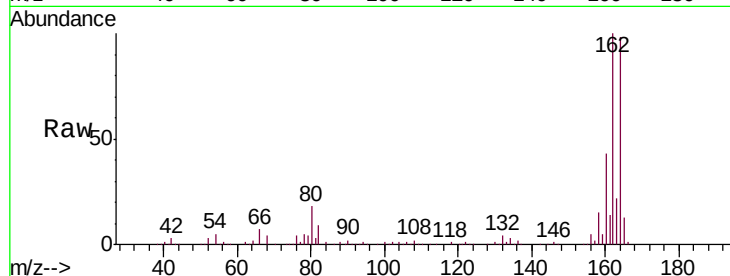




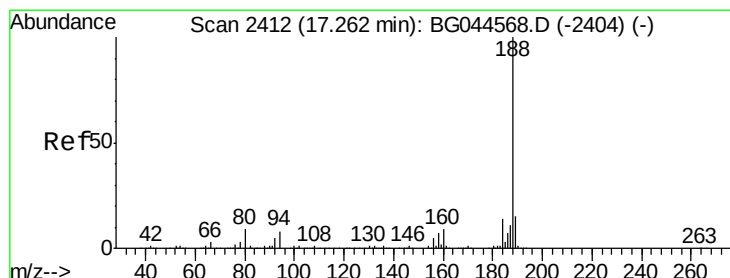
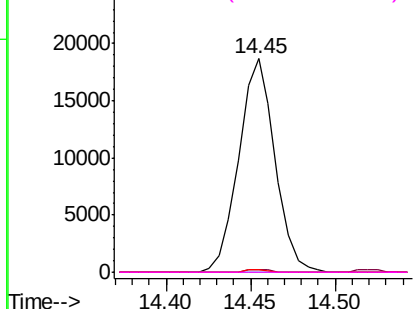
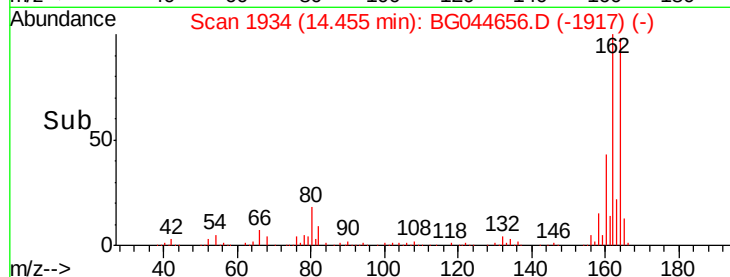
#57
 2,4-Dinitrotoluene
 Concen: 5.270 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Tgt Ion:165 Resp: 27741
 Ion Ratio Lower Upper
 165 100
 63 1.1 27.5 41.3#
 89 1.5 50.0 75.0#
 182 0.0 2.3 3.5#

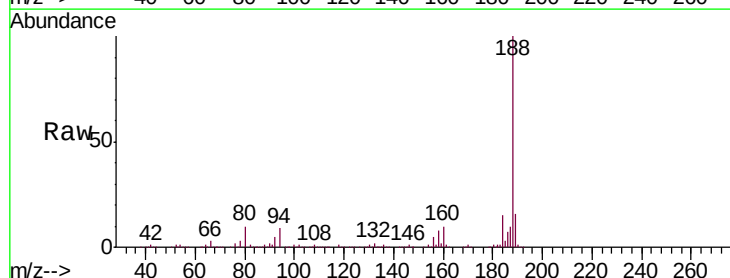


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

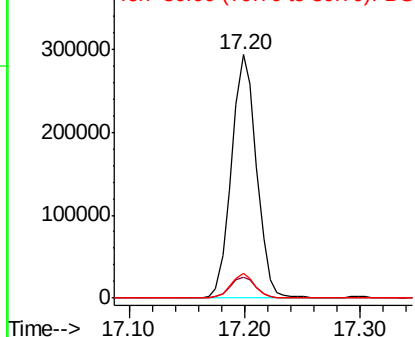
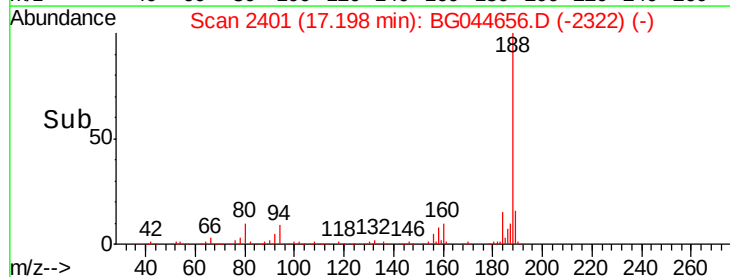


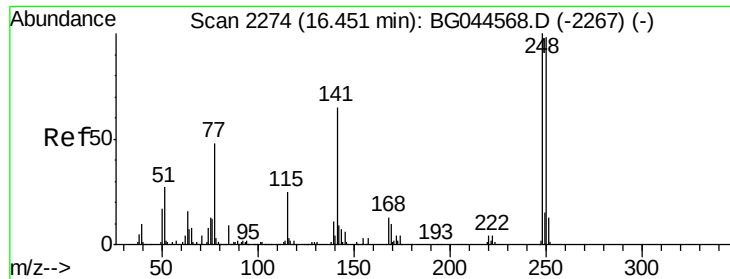
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2401
 Delta R.T. -0.06 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Tgt Ion:188 Resp: 441078
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.7 10.1
 80 10.0 7.6 11.4



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

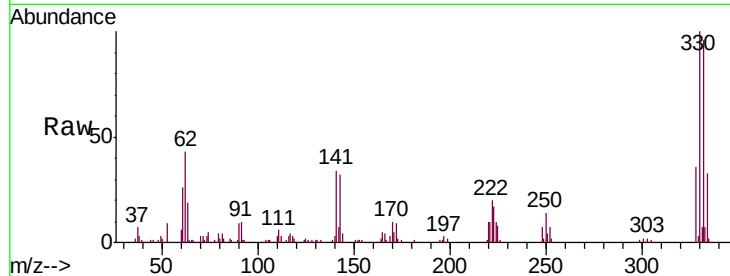




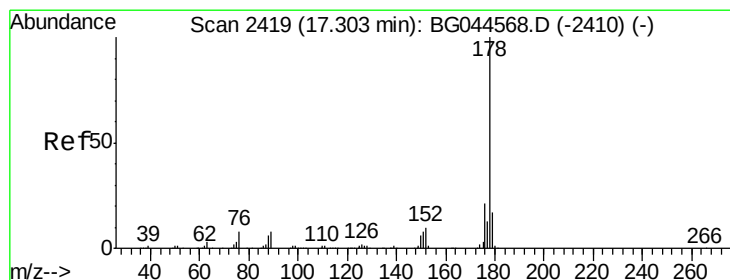
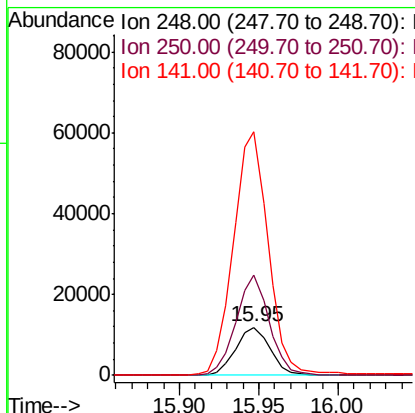
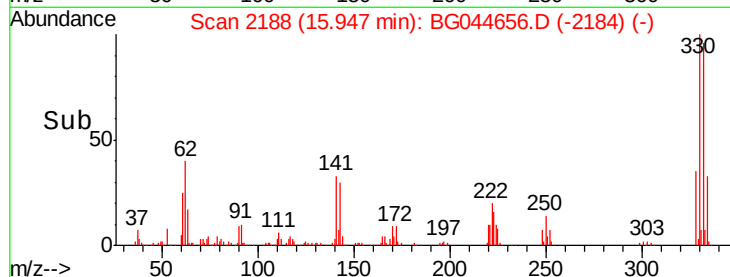
#67
 4-Bromophenyl-phenylether
 Concen: 3.321 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.50 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Tgt Ion:248 Resp: 18185
 Ion Ratio Lower Upper
 248 100
 250 207.2 78.7 118.1#
 141 503.7 52.3 78.5#

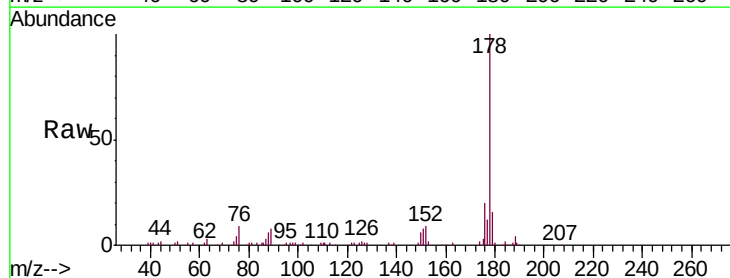


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

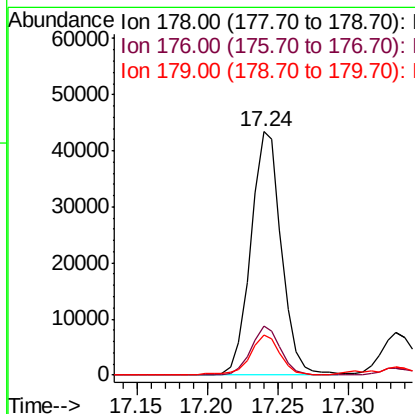
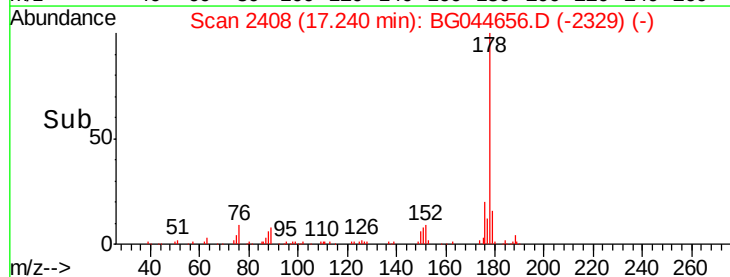


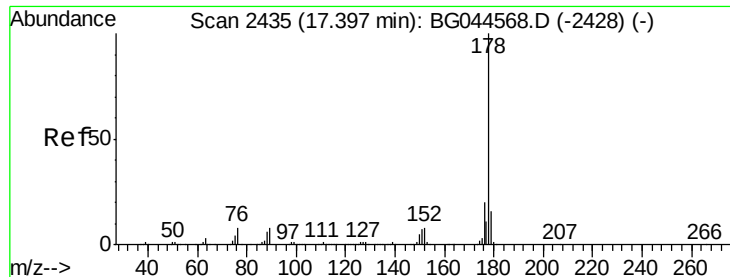
#71
 Phenanthrene
 Concen: 2.703 ng
 RT: 17.24 min Scan# 2408
 Delta R.T. -0.06 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Tgt Ion:178 Resp: 66006
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.3 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.743 ng

RT: 17.24 min Scan# 2408

Delta R.T. -0.16 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Instrument :

BNA_G

ClientSampleId :

C-4

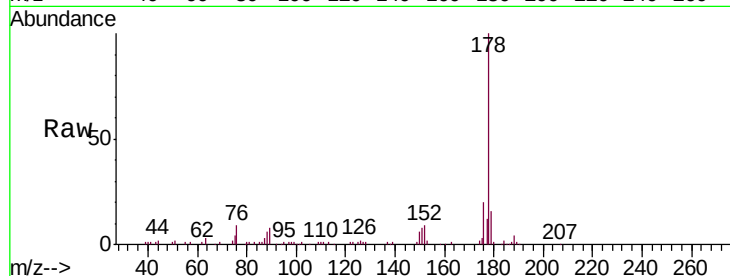
Tgt Ion:178 Resp: 66006

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

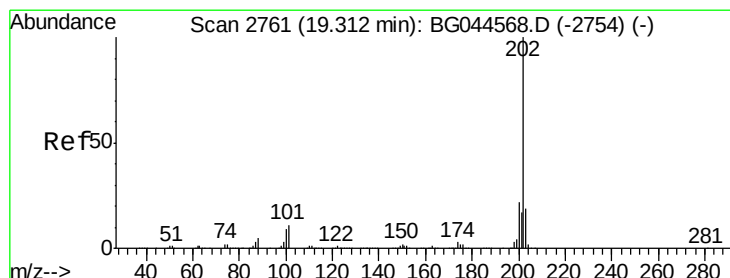
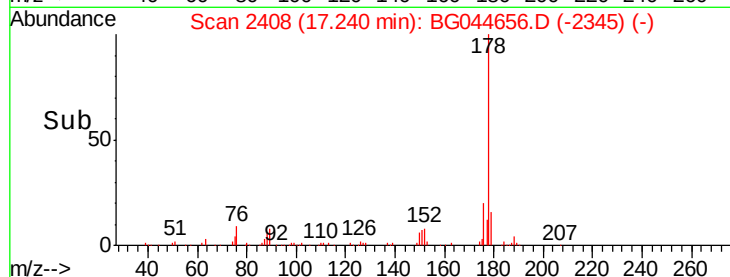
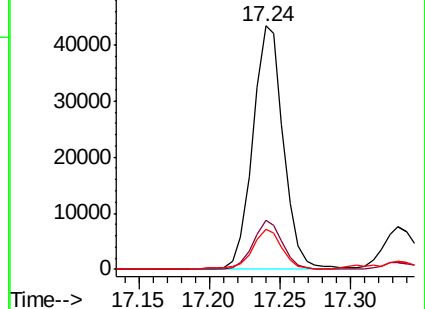
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.046 ng

RT: 19.25 min Scan# 2751

Delta R.T. -0.06 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

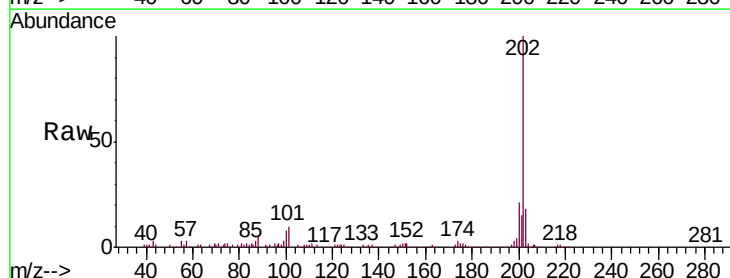
Tgt Ion:202 Resp: 88063

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.0

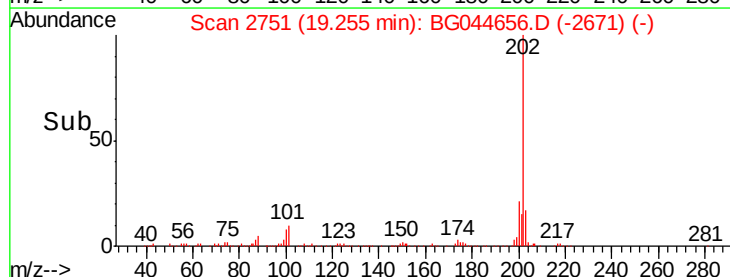
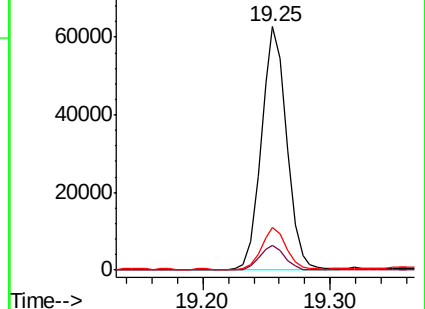
203 17.5 0.0 39.2

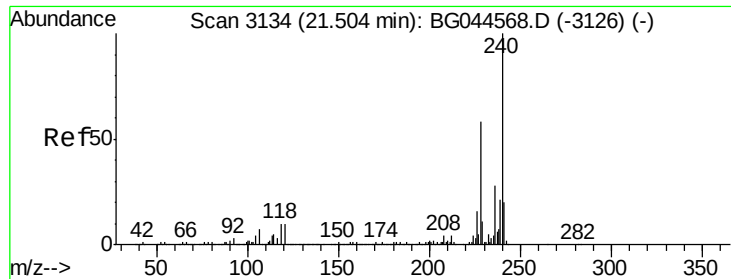


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

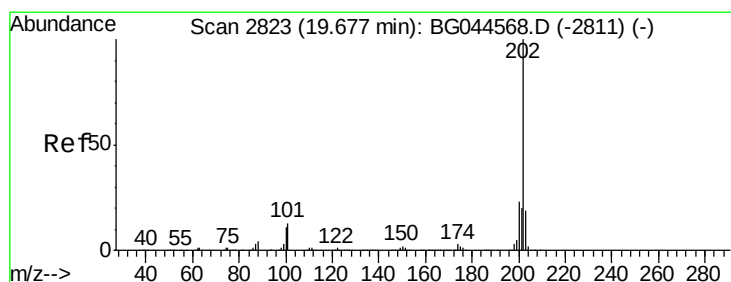
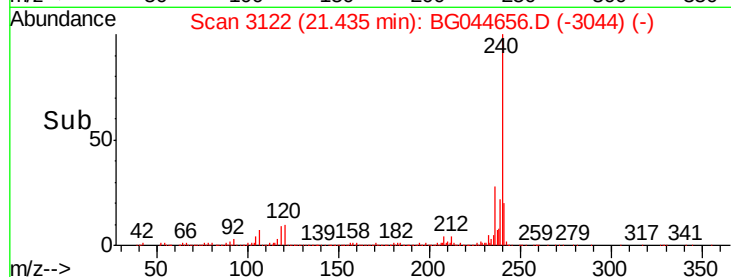
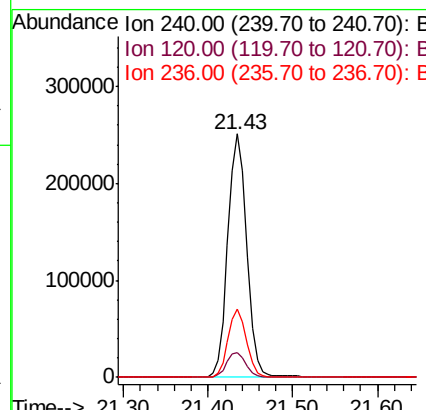
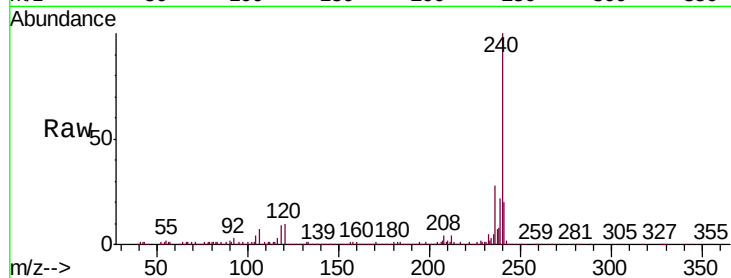




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

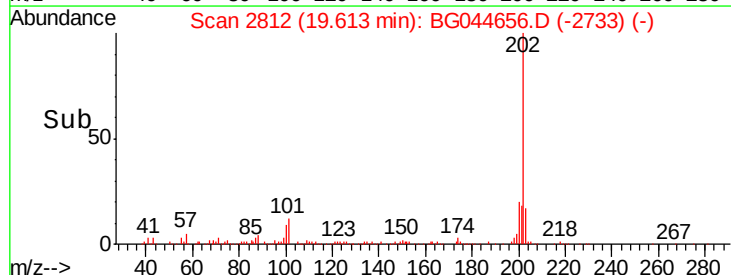
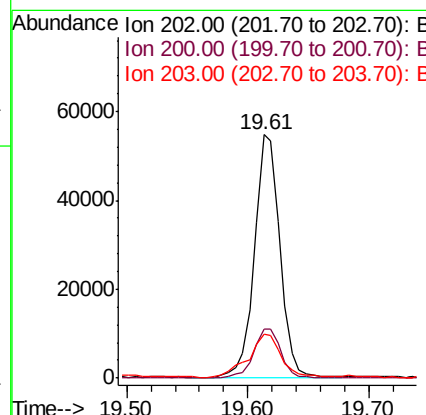
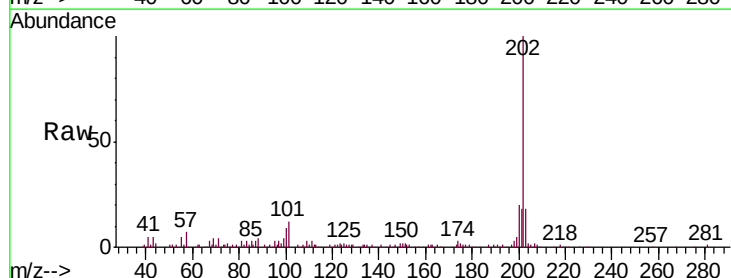
Instrument :
BNA_G
ClientSampleId :
C-4

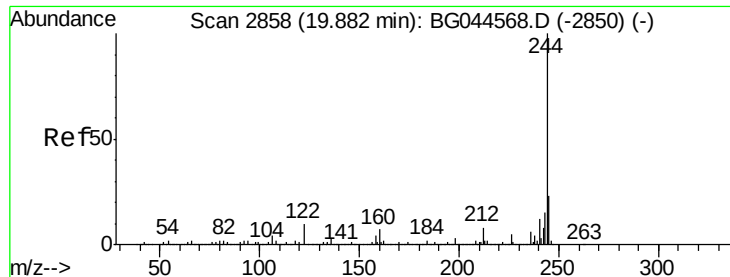
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	28.1	22.3	33.5



#78
Pyrene
Concen: 2.872 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.06 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	18.6	28.0
203	17.9	15.3	22.9





#79

Terphenyl-d14

Concen: 66.887 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Instrument :

BNA_G

ClientSampleId :

C-4

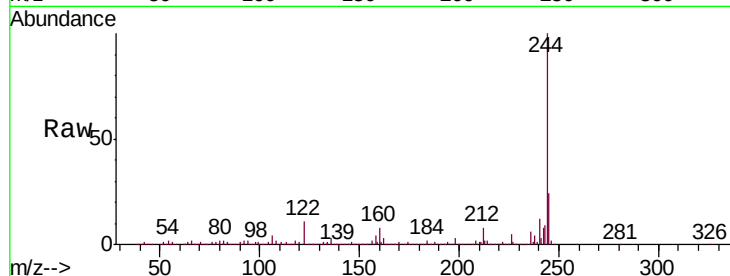
Tgt Ion:244 Resp: 1382329

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

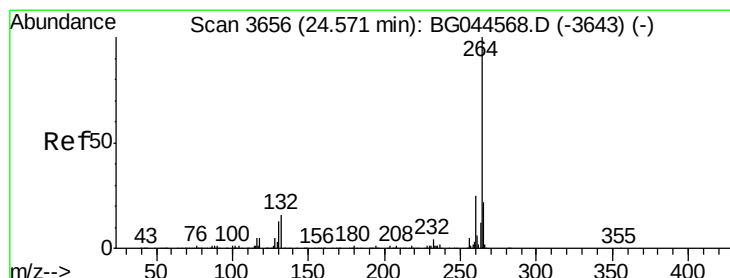
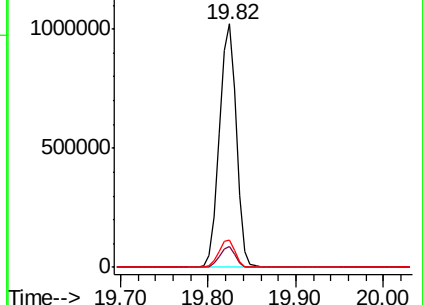
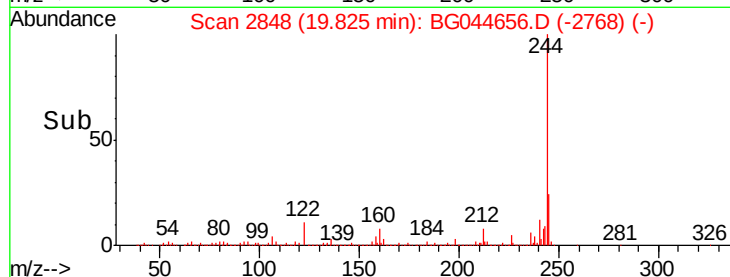
122 11.1 8.2 12.4



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: 24.45 min Scan# 3635

Delta R.T. -0.12 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

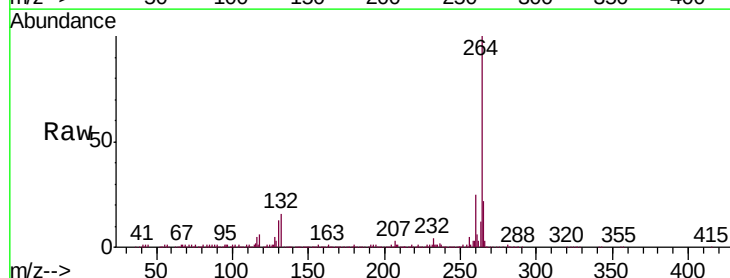
Tgt Ion:264 Resp: 436584

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 21.9 17.8 26.8



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

