

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
 Data File : BG040833.D
 Acq On : 10 May 2019 2:05
 Operator : HP/JU
 Sample : K2764-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS001-0612-01

Quant Time: May 10 06:25:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

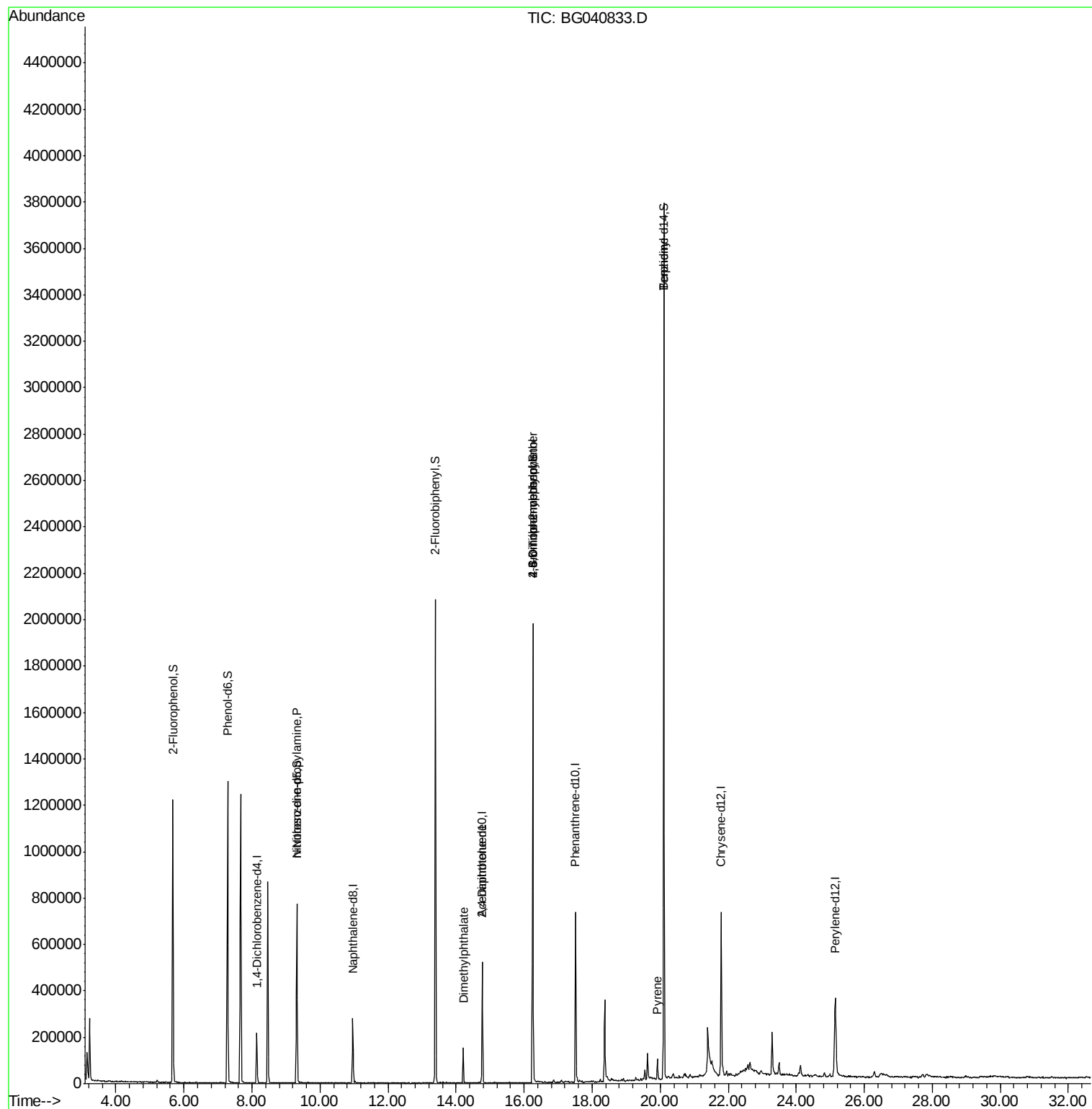
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55328	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	227889	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	172915	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	452746	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	427711	20.00	ng	-0.03
87) Perylene-d12	25.14	264	436826	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	448164	142.79	ng	-0.01
7) Phenol-d6	7.28	99	679198	140.54	ng	-0.01
23) Nitrobenzene-d5	9.32	82	472668	95.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	354774	149.27	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	977462	81.64	ng	-0.02
79) Terphenyl-d14	20.11	244	1727204	89.46	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.28	77	1267	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.32	70	68751	15.804	ng	# 73
50) Dimethylphthalate	14.21	163	87043	6.016	ng	# 97
57) 2,4-Dinitrotoluene	14.77	165	22146	5.772	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.25	198	1399	7.636	ng	# 1
67) 4-Bromophenyl-phenylether	16.25	248	26502	4.698	ng	# 1
77) Benzydine	20.10	184	30985	2.646	ng	# 91
78) Pyrene	19.92	202	54744	2.042	ng	97

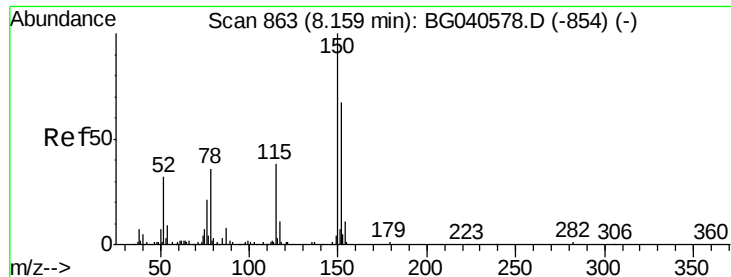
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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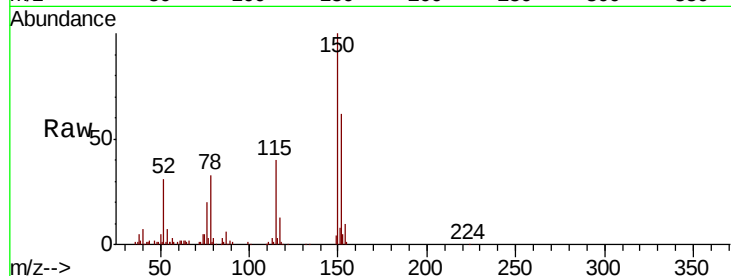


#1

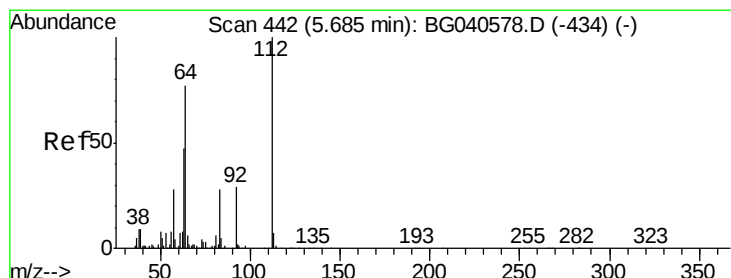
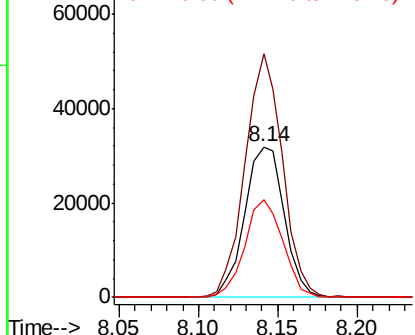
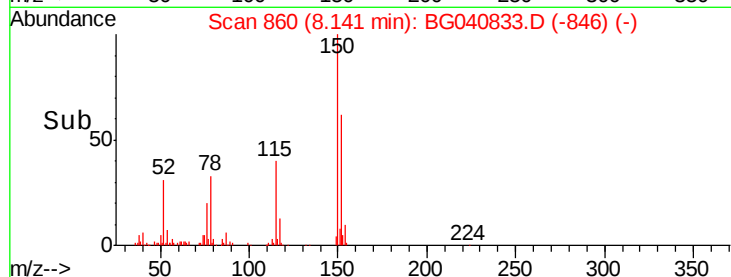
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS001-0612-01

Tgt Ion:152 Resp: 55328
 Ion Ratio Lower Upper
 152 100
 150 161.9 120.2 180.2
 115 64.6 46.2 69.2



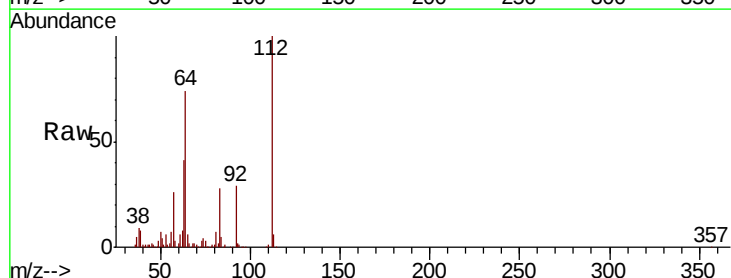
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



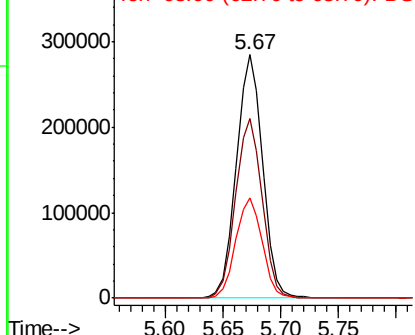
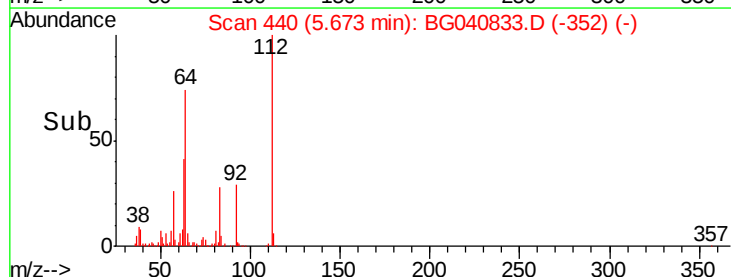
#5

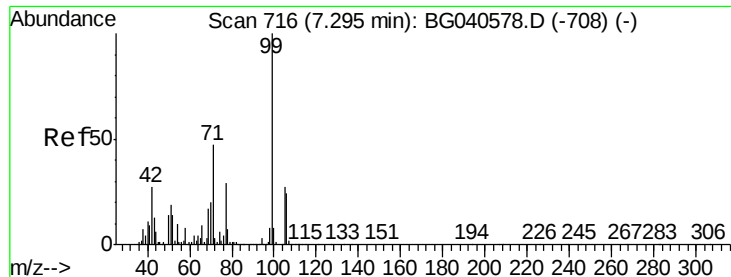
2-Fluorophenol
 Concen: 142.786 ng
 RT: 5.67 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Tgt Ion:112 Resp: 448164
 Ion Ratio Lower Upper
 112 100
 64 74.0 61.4 92.0
 63 41.4 37.8 56.6



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: 140.542 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040833.D

Acq: 10 May 2019 2:05

Instrument :

BNA_G

ClientSampleId :

P026-SS001-0612-01

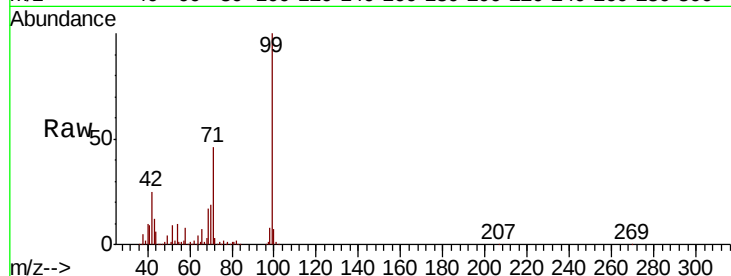
Tgt Ion: 99 Resp: 679198

Ion Ratio Lower Upper

99 100

42 24.5 21.8 32.8

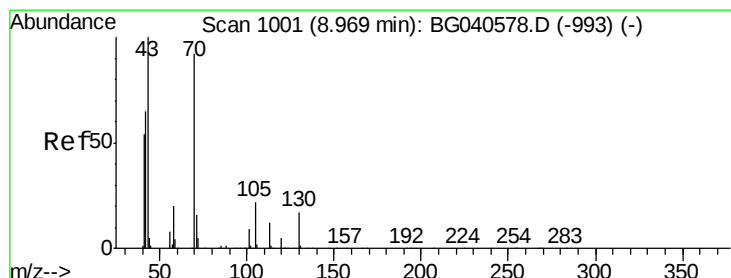
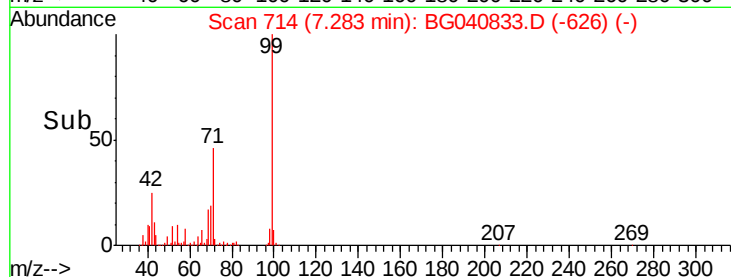
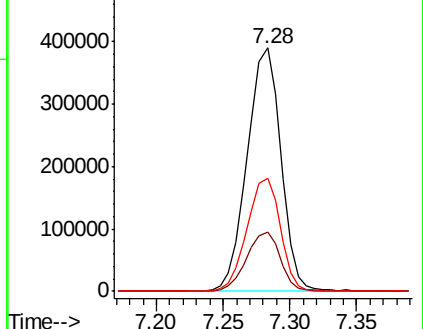
71 46.3 38.6 57.8



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: 15.804 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040833.D

Acq: 10 May 2019 2:05

Tgt Ion: 70 Resp: 68751

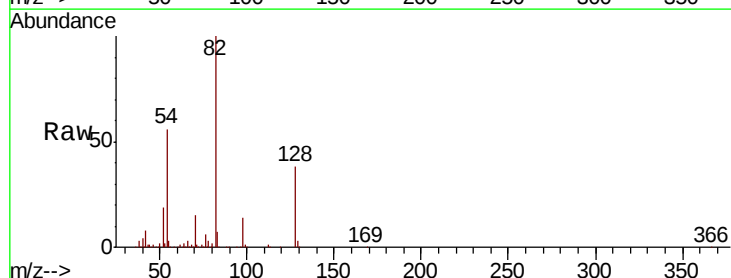
Ion Ratio Lower Upper

70 100

42 51.4 57.1 85.7#

101 0.0 7.8 11.8#

130 1.6 14.6 21.8#

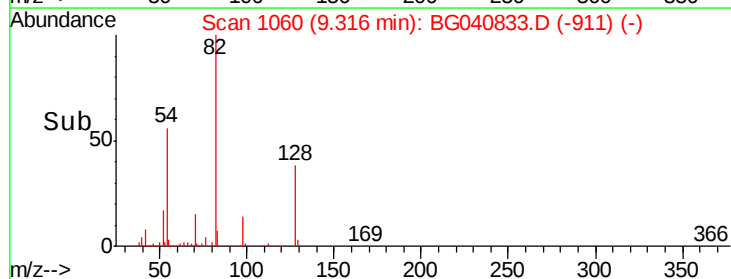
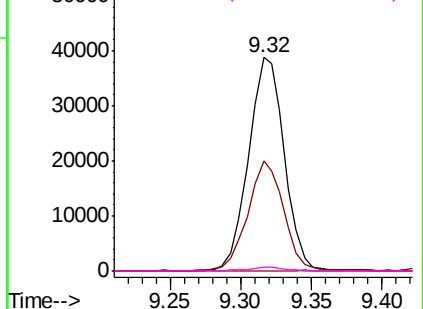


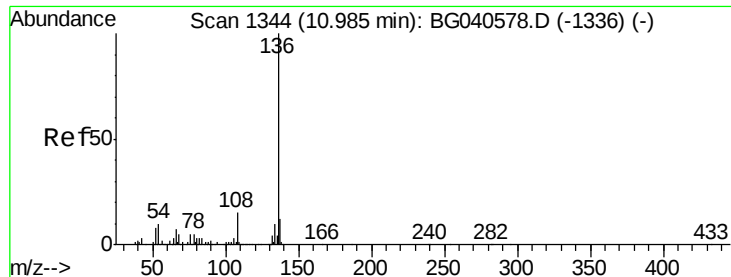
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

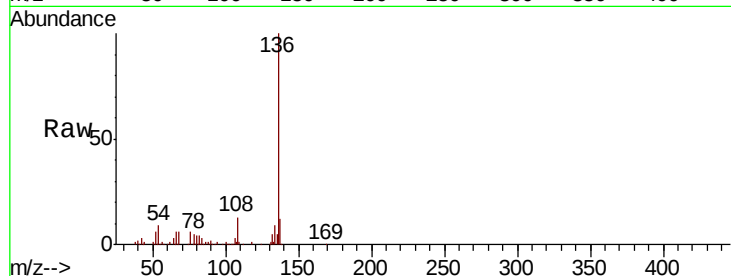




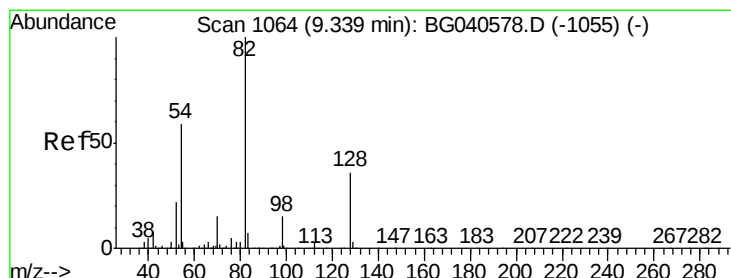
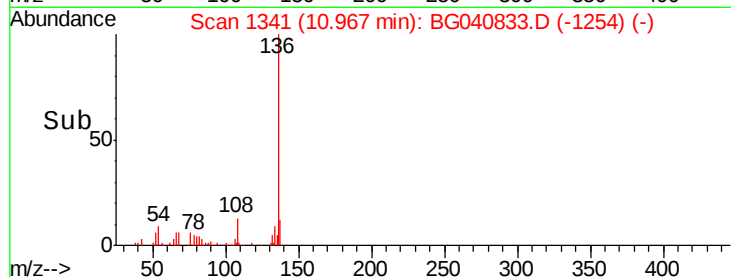
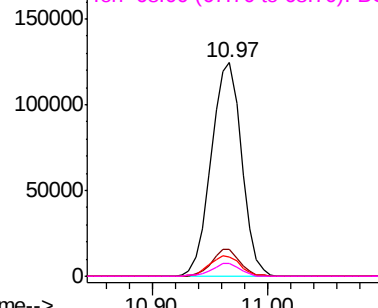
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040833.D
Acq: 10 May 2019 2:05

Instrument :
BNA_G
ClientSampleId :
P026-SS001-0612-01

Tgt Ion:	136	Resp:	227889
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	8.9	8.6	12.8
68	6.0	4.8	7.2

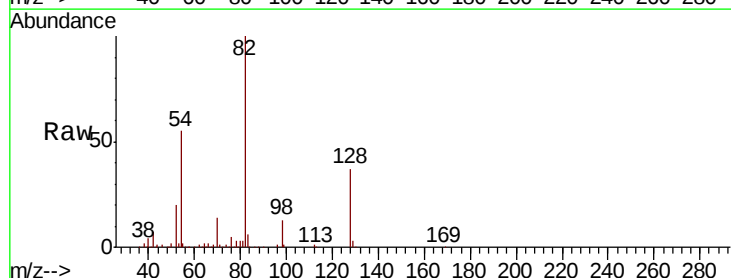


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

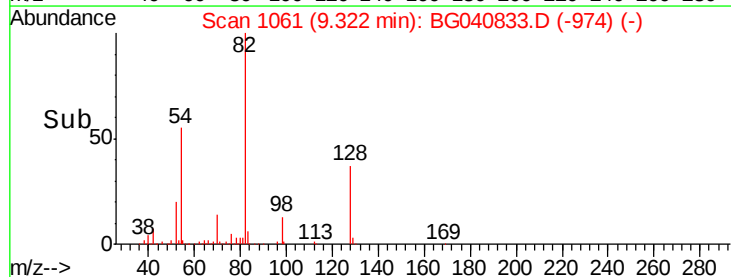
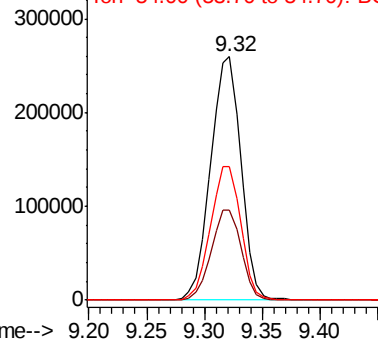


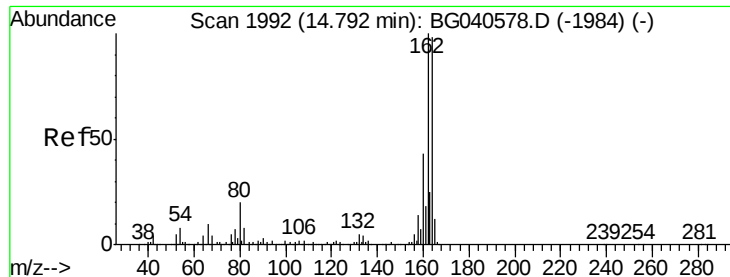
#23
Nitrobenzene-d5
Concen: 95.837 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040833.D
Acq: 10 May 2019 2:05

Tgt Ion:	82	Resp:	472668
Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	54.7	47.2	70.8



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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040833.D

Acq: 10 May 2019 2:05

Instrument :

BNA_G

ClientSampleId :

P026-SS001-0612-01

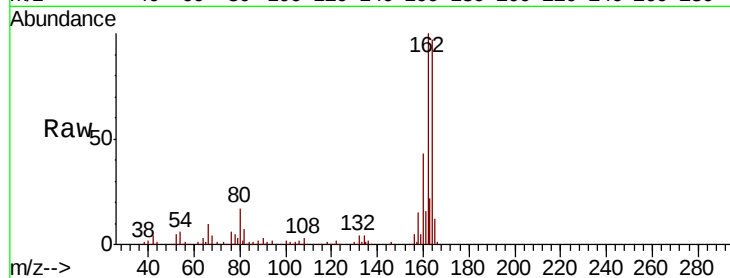
Tgt Ion:164 Resp: 172915

Ion Ratio Lower Upper

164 100

162 103.6 81.9 122.9

160 44.7 35.4 53.2

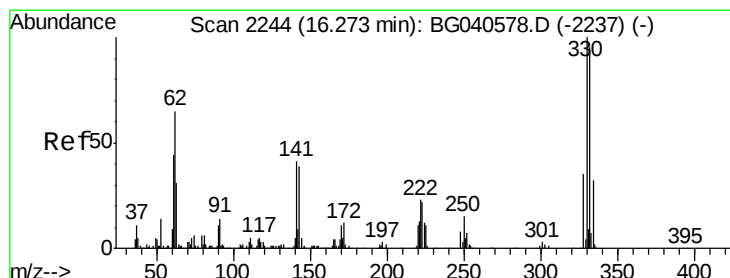
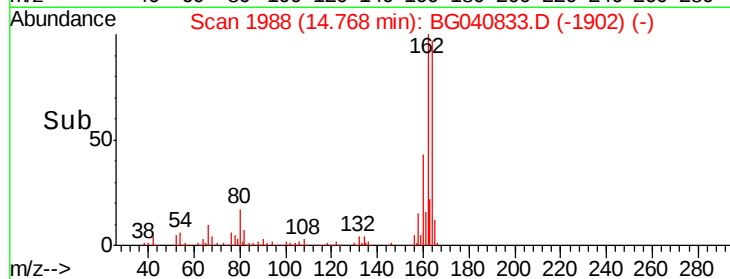
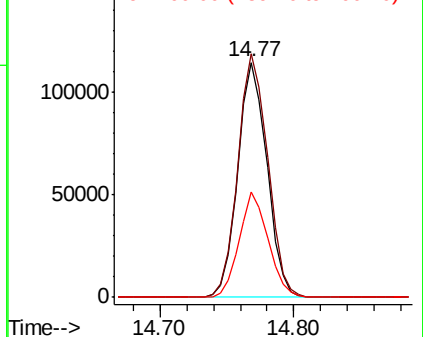


Abundance

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: 149.268 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040833.D

Acq: 10 May 2019 2:05

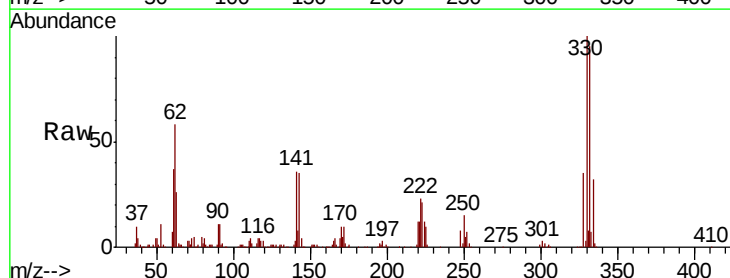
Tgt Ion:330 Resp: 354774

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

141 36.5 32.4 48.6

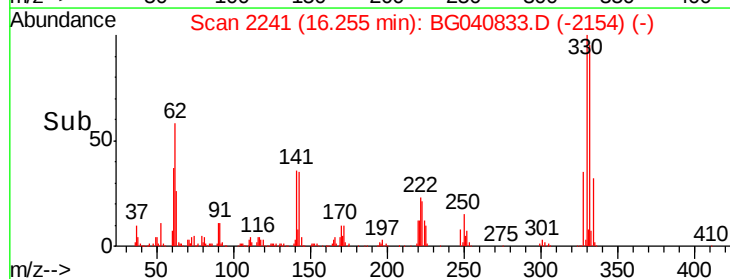
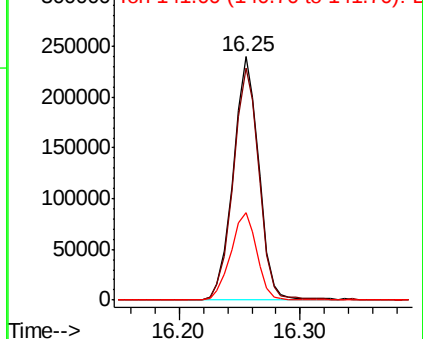


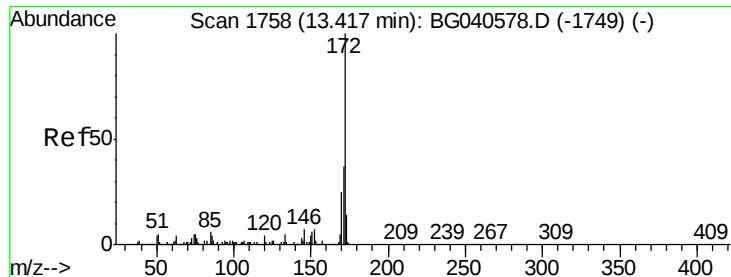
Abundance

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

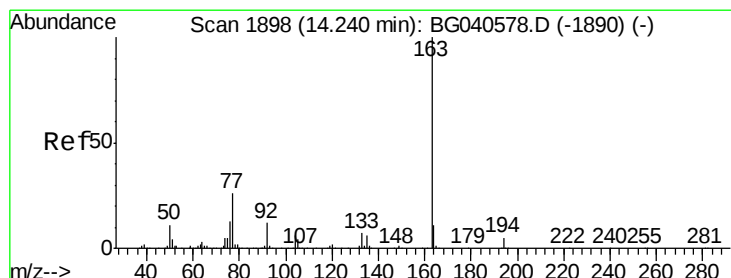
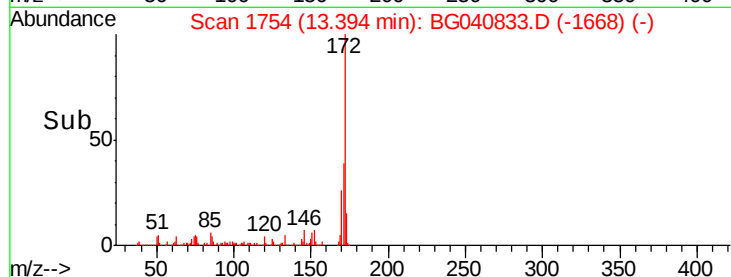
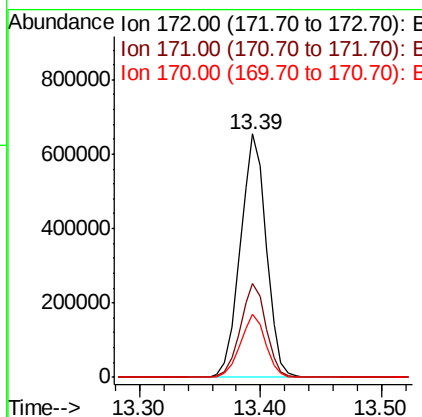
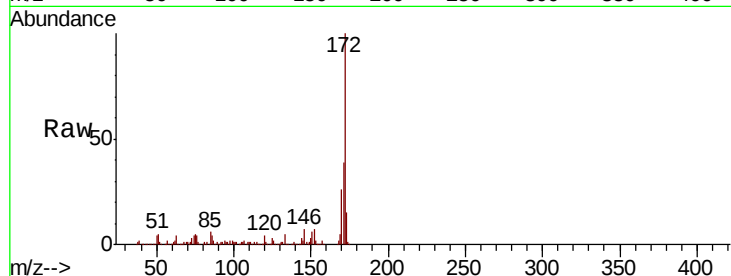




#45
 2-Fluorobiphenyl
 Concen: 81.638 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

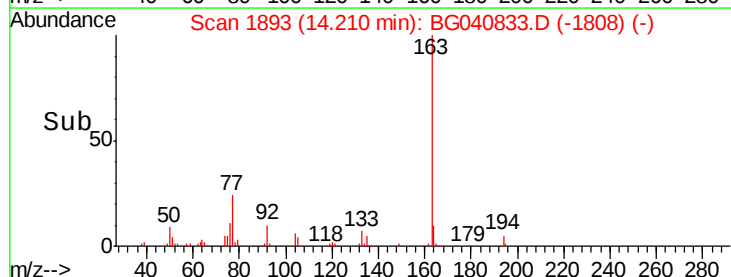
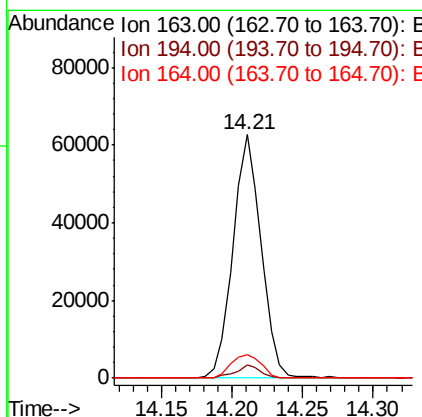
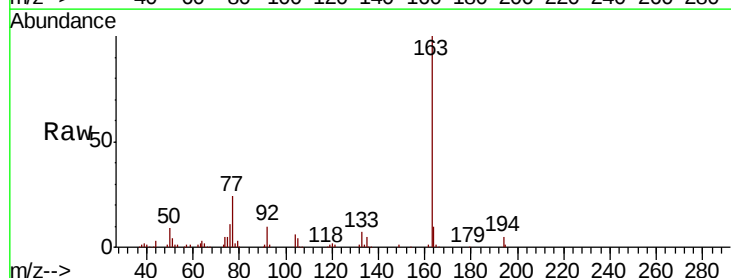
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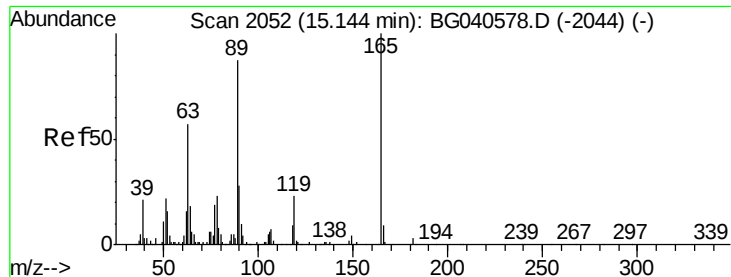
Tgt Ion:	172	Resp:	977462
Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.4	44.2
170	26.0	19.9	29.9



#50
 Dimethylphthalate
 Concen: 6.016 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.03 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Tgt Ion:	163	Resp:	87043
Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.8
164	9.7	8.8	13.2

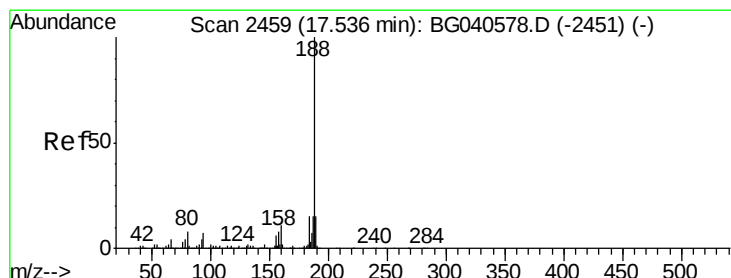
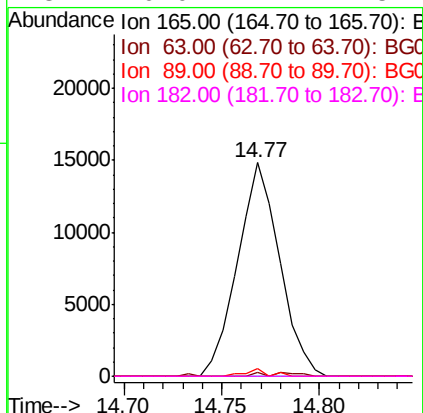
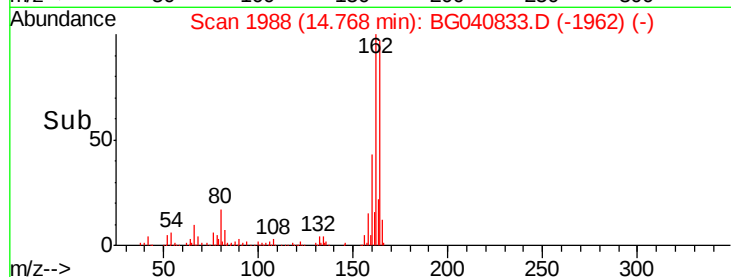
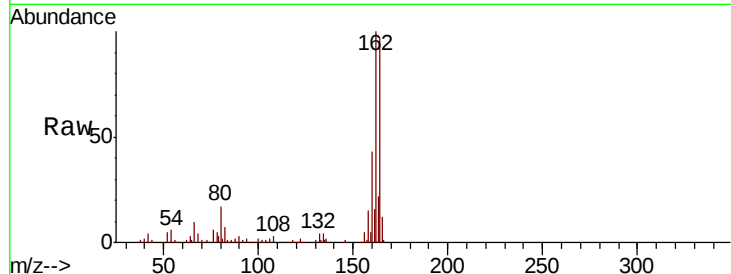




#57
 2,4-Dinitrotoluene
 Concen: 5.772 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

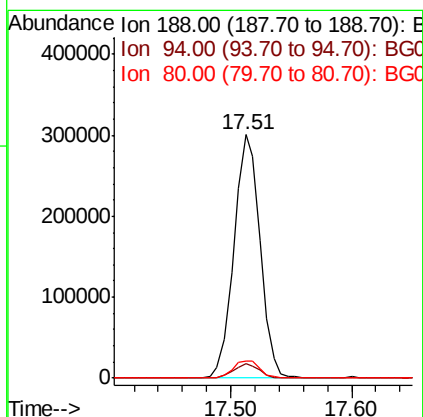
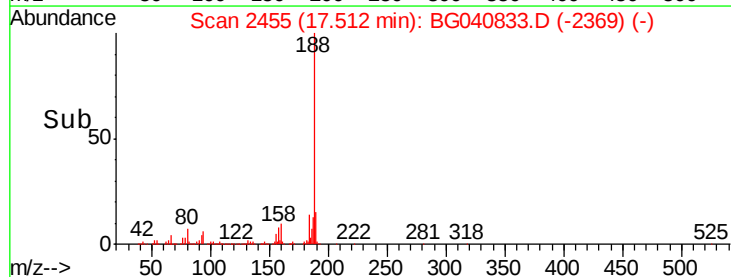
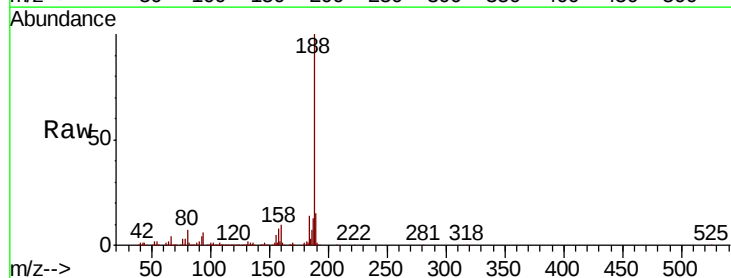
Instrument :
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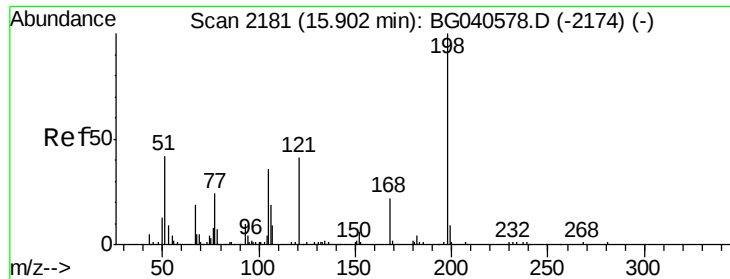
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	45.8	68.8#
89	3.7	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	7.2	6.4	9.6

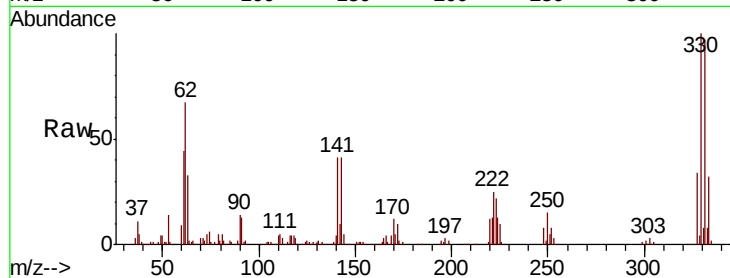




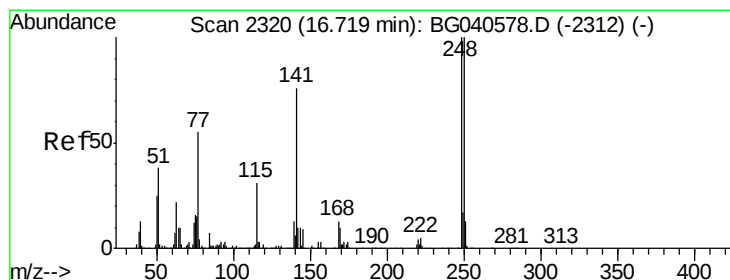
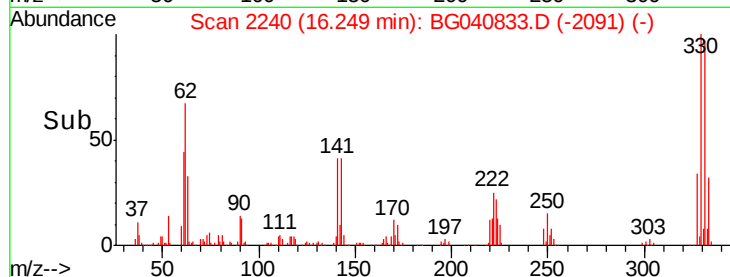
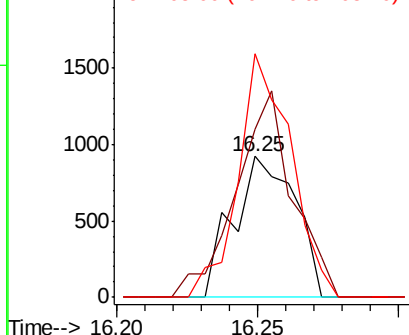
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.636 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.35 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS001-0612-01

Tgt Ion:198 Resp: 1399
 Ion Ratio Lower Upper
 198 100
 51 119.3 35.9 75.9#
 105 172.9 21.2 61.2#

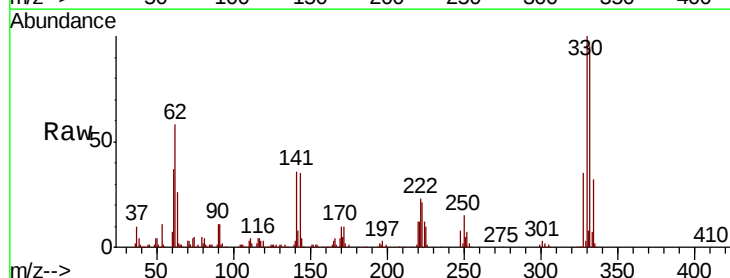


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

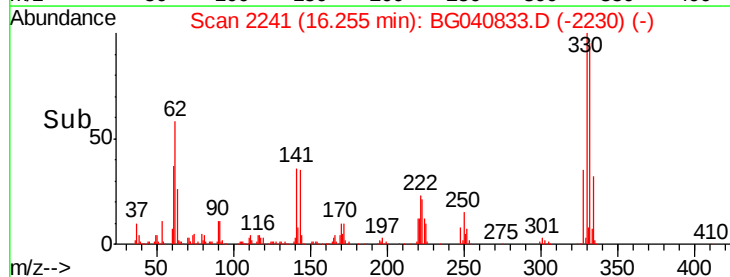
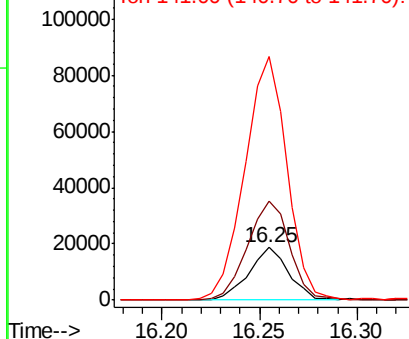


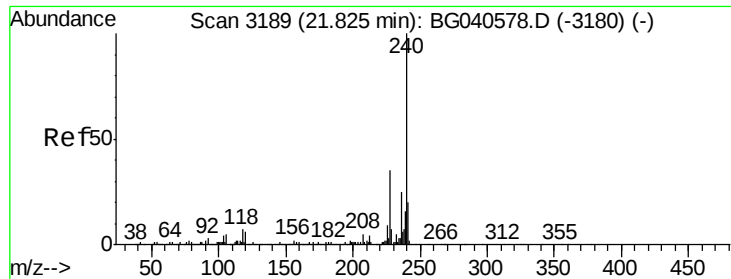
#67
 4-Bromophenyl-phenylether
 Concen: 4.698 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Tgt Ion:248 Resp: 26502
 Ion Ratio Lower Upper
 248 100
 250 187.8 79.8 119.6#
 141 463.6 60.8 91.2#



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

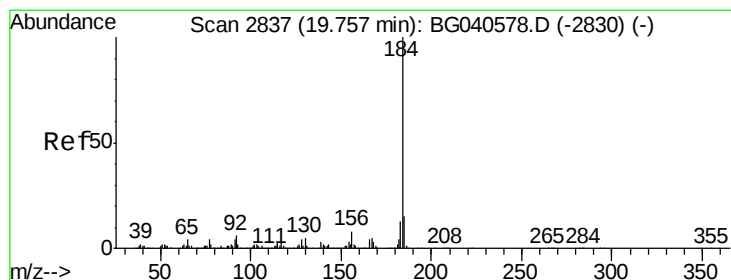
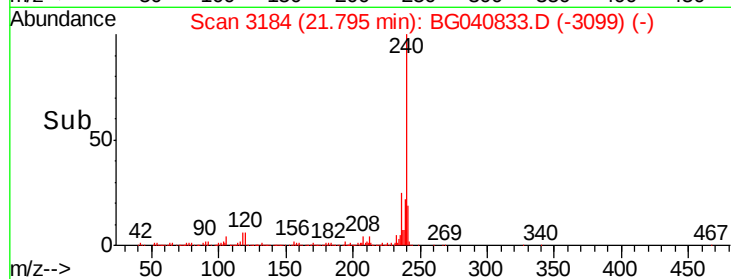
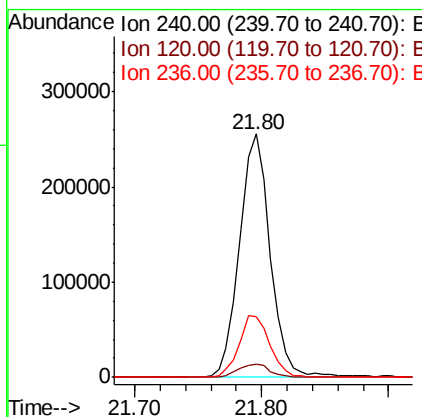
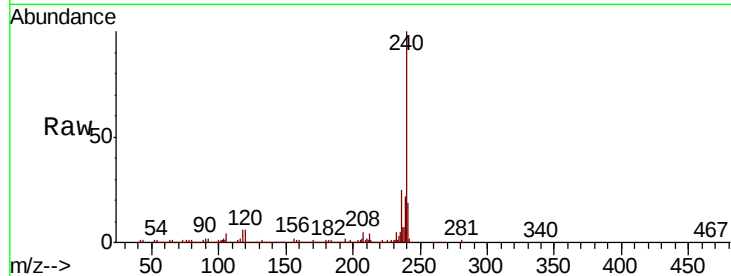




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

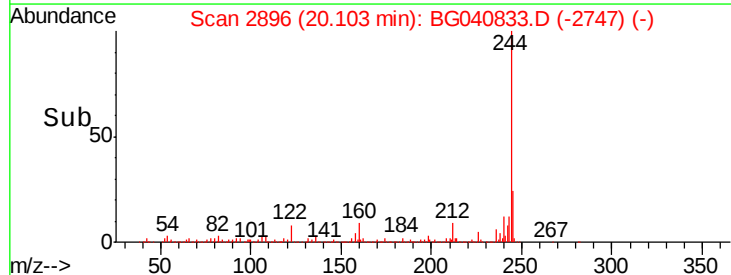
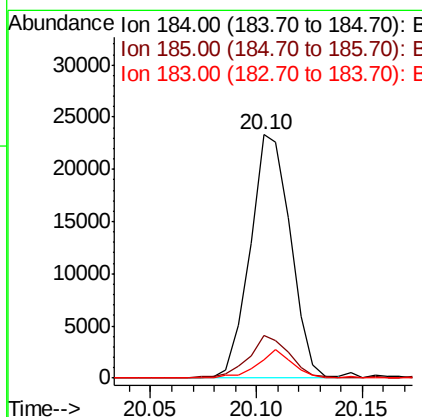
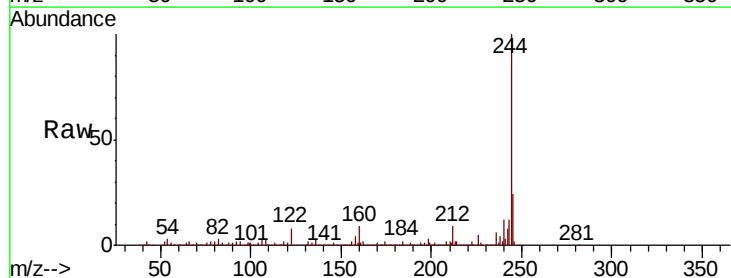
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS001-0612-01

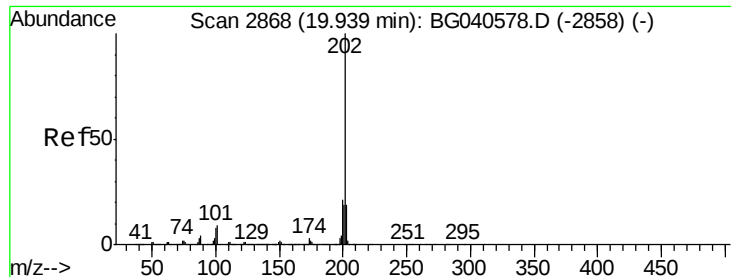
Tgt Ion: 240 Resp: 427711
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.0 7.6
 236 25.0 20.3 30.5



#77
 Benzidine
 Concen: 2.646 ng
 RT: 20.10 min Scan# 2896
 Delta R.T. 0.35 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Tgt Ion: 184 Resp: 30985
 Ion Ratio Lower Upper
 184 100
 185 17.4 11.8 17.8
 183 7.8 10.2 15.2#

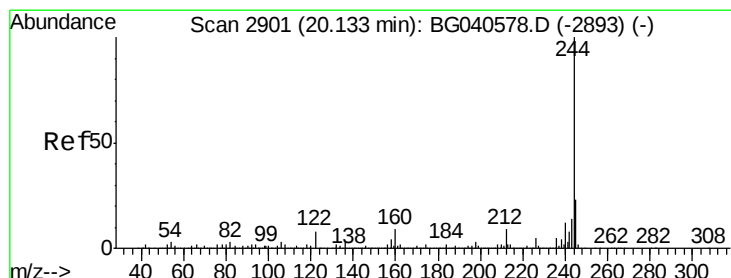
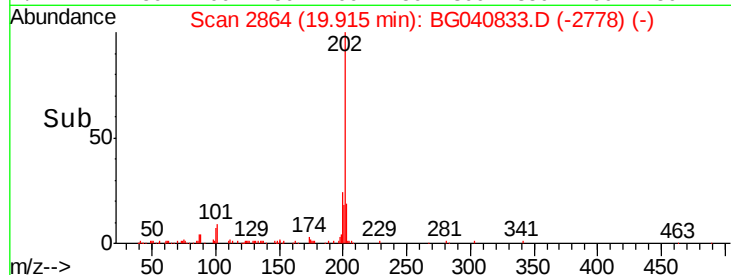
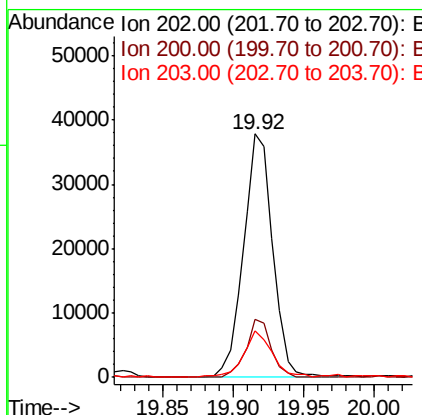
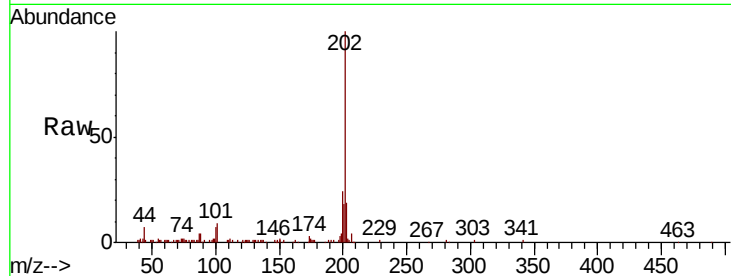




#78
 Pyrene
 Concen: 2.042 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.02 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

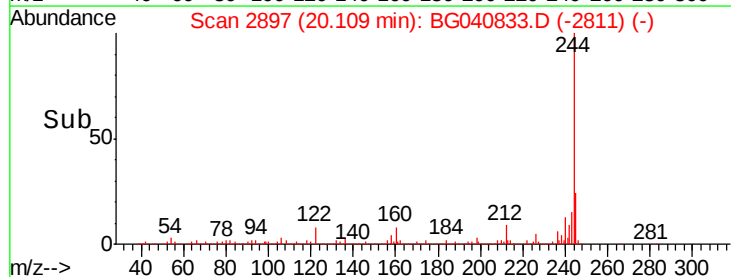
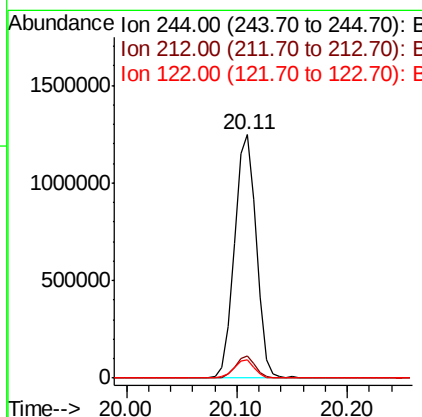
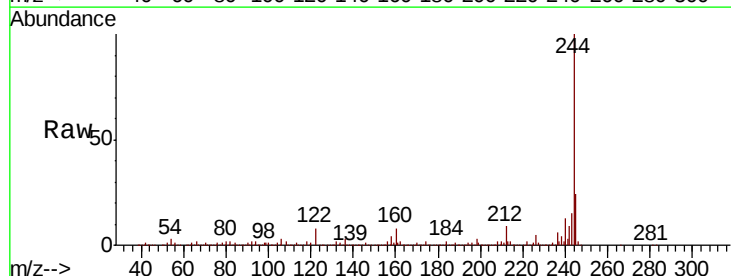
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS001-0612-01

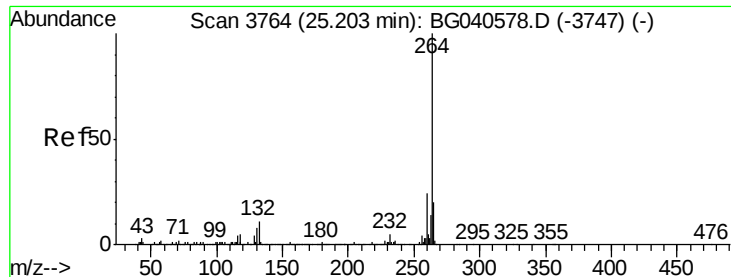
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.0	17.2	25.8
203	18.9	15.0	22.4



#79
 Terphenyl-d14
 Concen: 89.464 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	7.5	6.6	10.0





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.14 min Scan# 3754
 Delta R.T. -0.06 min
 Lab File: BG040833.D
 Acq: 10 May 2019 2:05

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS001-0612-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	16.6	25.0

