

Data File : BG043976.D
Acq On : 8 Jan 2020 20:41
Operator : JU
Sample : L1048-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

Quant Time: Jan 09 06:14:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

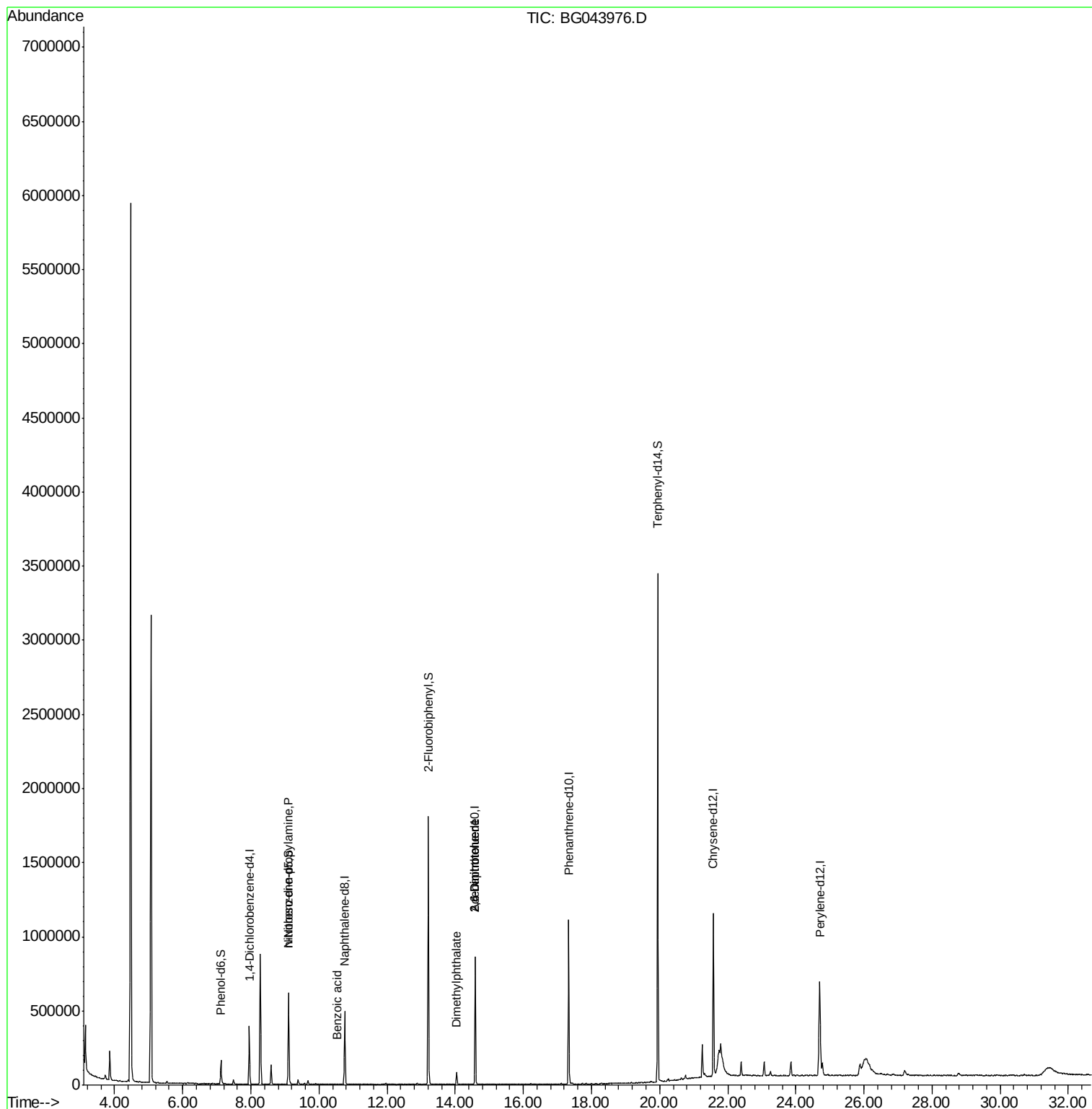
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	113937	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	456812	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	303246	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	683520	20.00	ng	0.00
76) Chrysene-d12	21.58	240	606163	20.00	ng	-0.01
87) Perylene-d12	24.70	264	663310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	5198	0.84	ng	0.00
7) Phenol-d6	7.12	99	107917	12.44	ng	0.00
23) Nitrobenzene-d5	9.10	82	403880	47.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.08	330	719	0.23	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	949664	56.74	ng	-0.01
79) Terphenyl-d14	19.94	244	1537368	54.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	51959	8.044	ng	# 75
32) Benzoic acid	10.53	122	54	6.272	ng	# 1
50) Dimethylphthalate	14.04	163	68520	3.182	ng	# 95
51) 2,6-Dinitrotoluene	14.59	165	40054	8.230	ng	# 25
57) 2,4-Dinitrotoluene	14.59	165	40054	6.049	ng	# 26

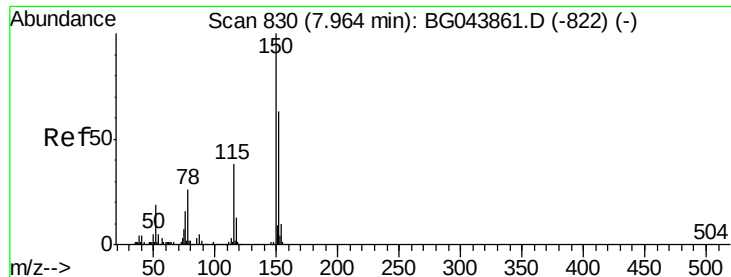
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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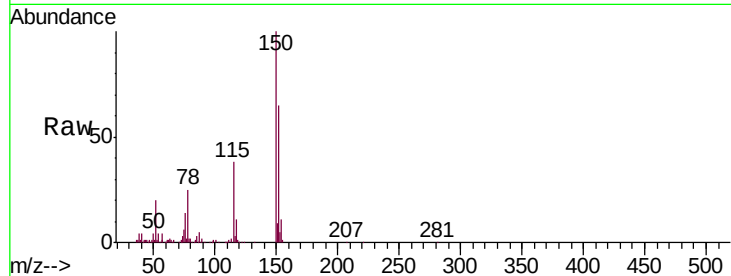


#1

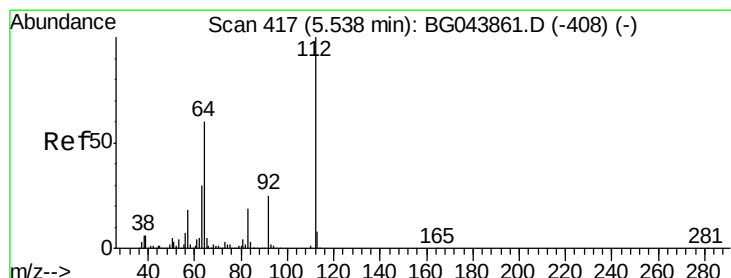
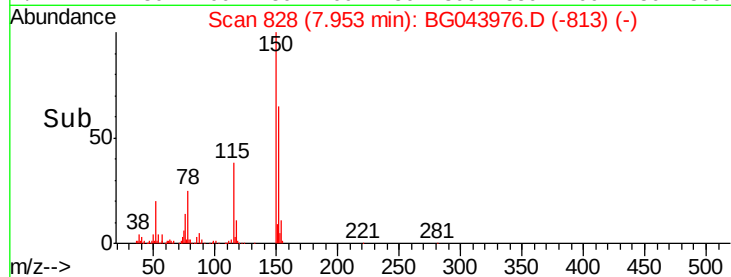
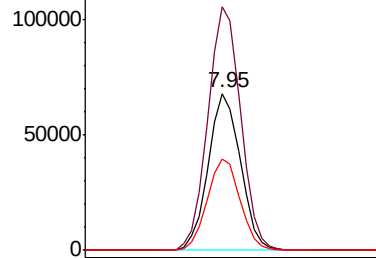
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.0	190.4
115	58.2	47.8	71.8



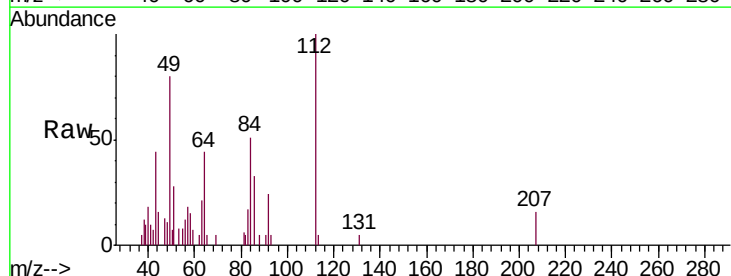
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



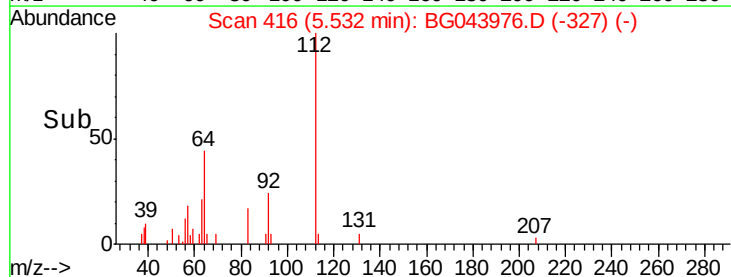
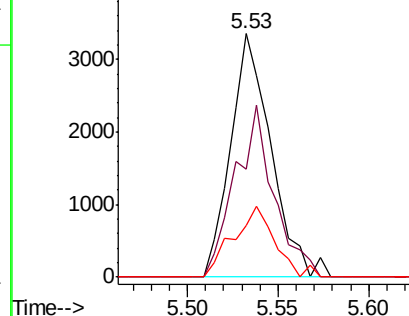
#5

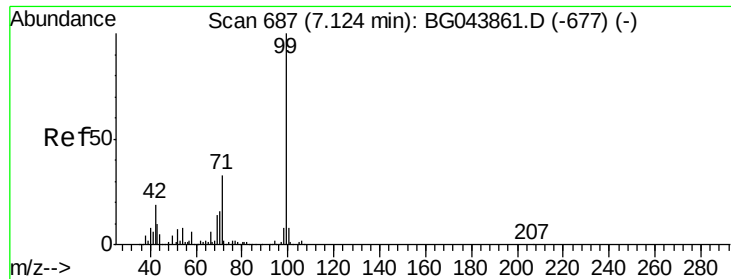
2-Fluorophenol
Concen: 0.838 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	47.8	71.6#
63	21.2	24.3	36.5#



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: 12.442 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043976.D

Acq: 8 Jan 2020 20:41

Instrument :

BNA_G

ClientSampleId :

REAR-PIER-B

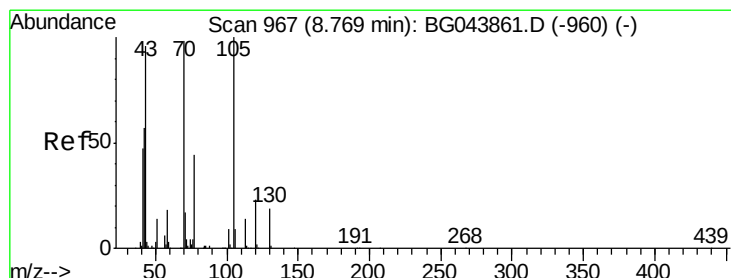
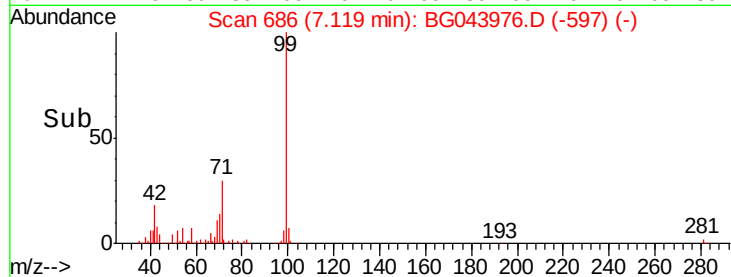
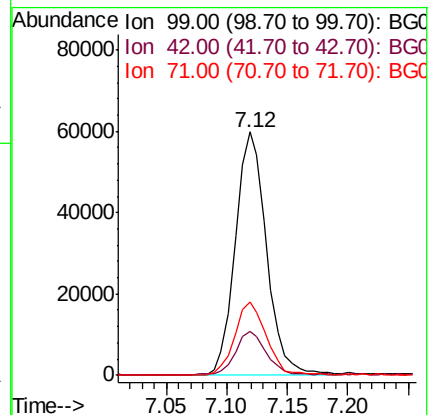
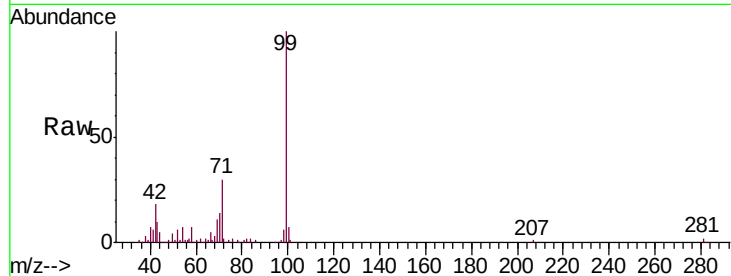
Tgt Ion: 99 Resp: 107917

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 30.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 8.044 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.34 min

Lab File: BG043976.D

Acq: 8 Jan 2020 20:41

Tgt Ion: 70 Resp: 51959

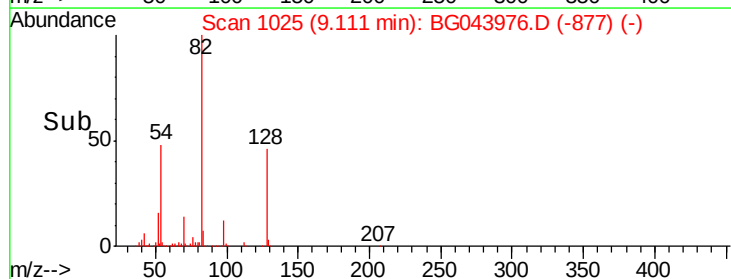
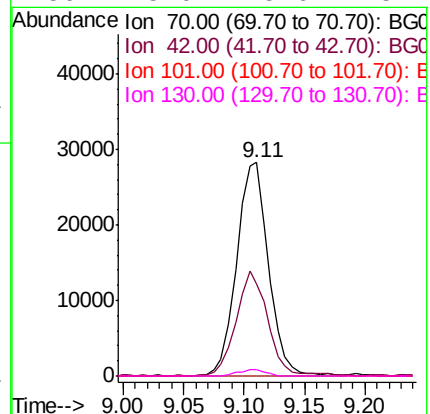
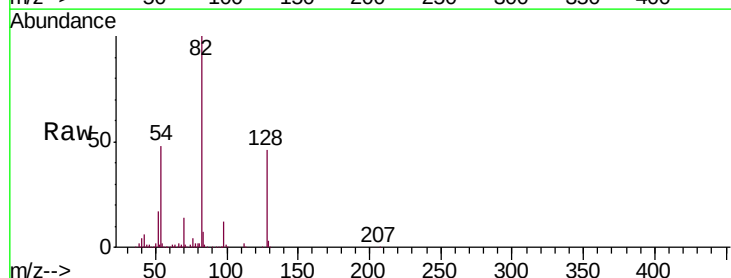
Ion Ratio Lower Upper

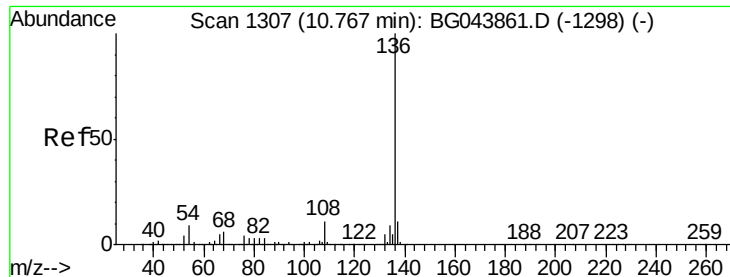
70 100

42 43.0 47.0 70.4#

101 0.0 7.2 10.8#

130 3.0 15.6 23.4#

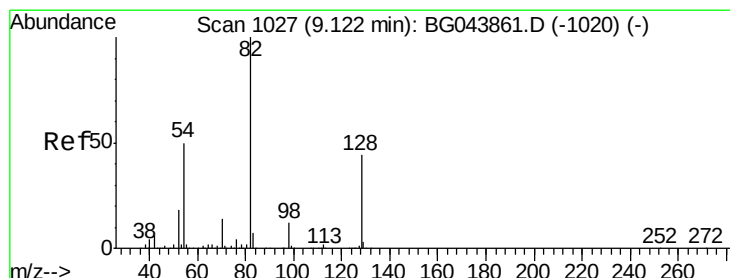
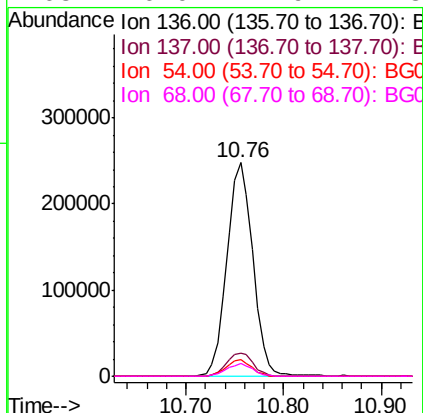
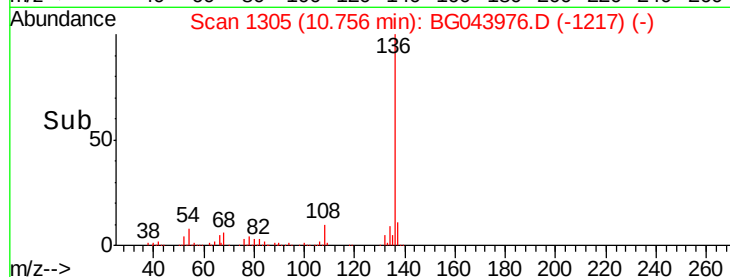
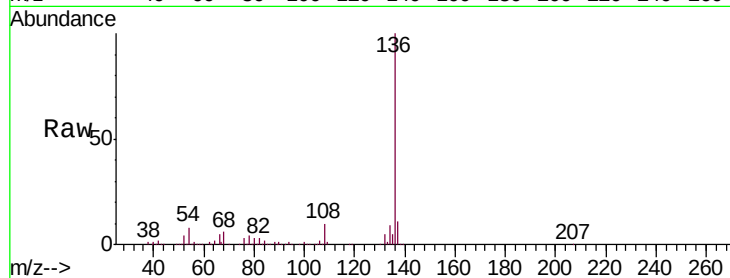




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

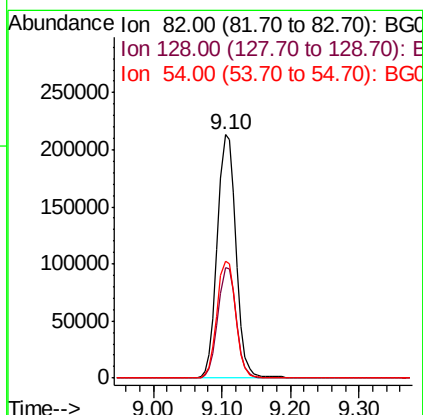
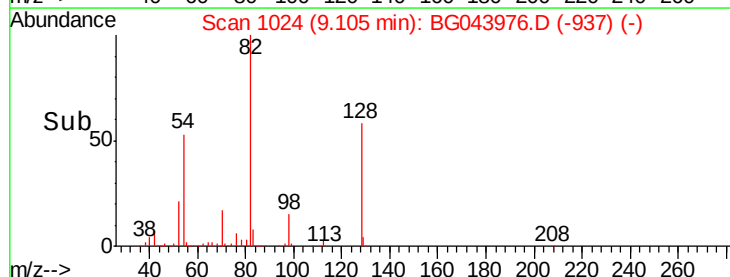
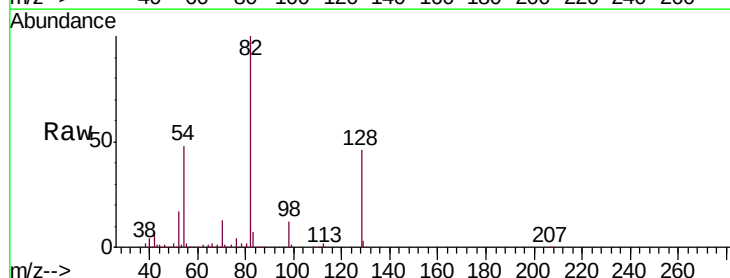
Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

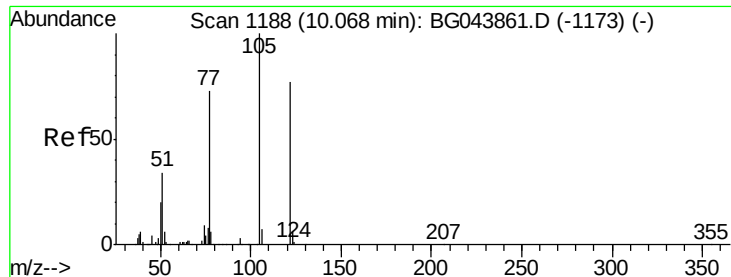
Tgt Ion:	136	Resp:	456812
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	7.0	10.4
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 47.297 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Tgt Ion:	82	Resp:	403880
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	48.3	40.1	60.1

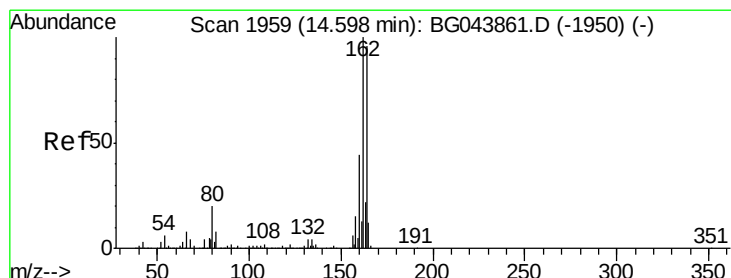
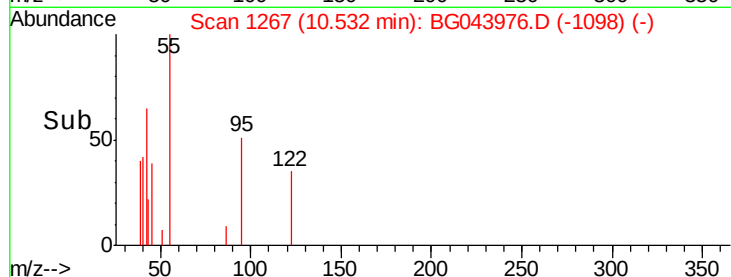
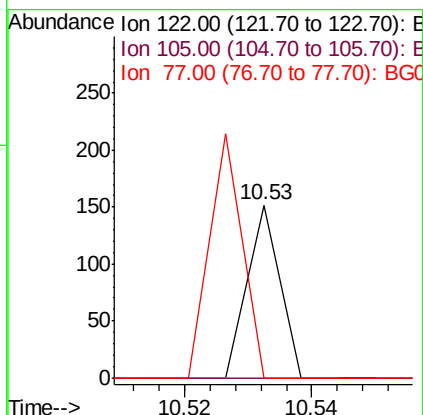
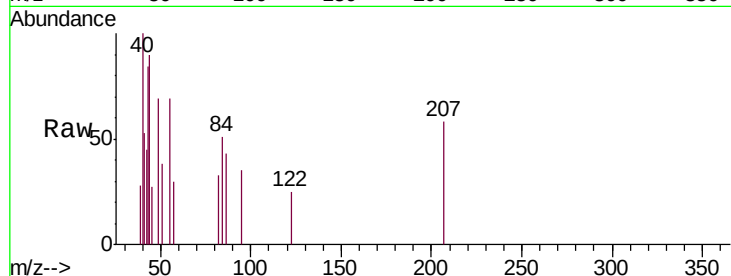




#32
Benzoic acid
Concen: 6.272 ng
RT: 10.53 min Scan# 1267
Delta R.T. 0.47 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

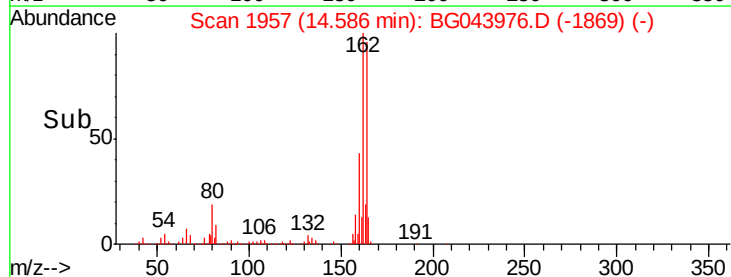
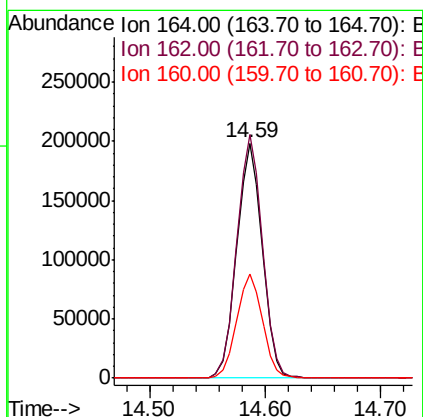
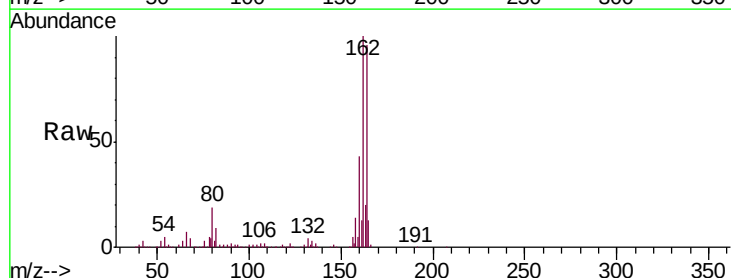
Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

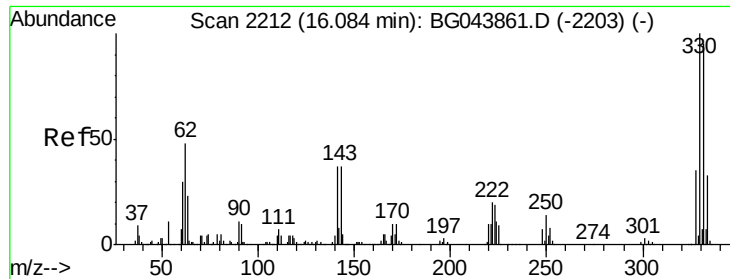
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	44.1	36.1	54.1

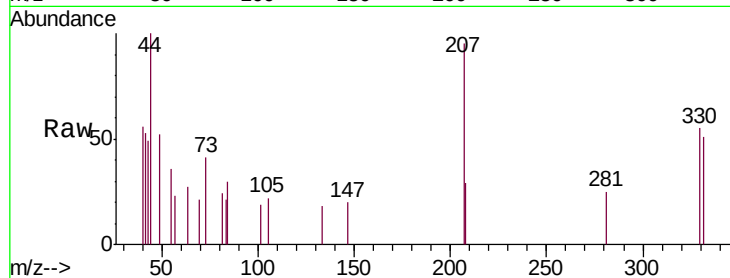




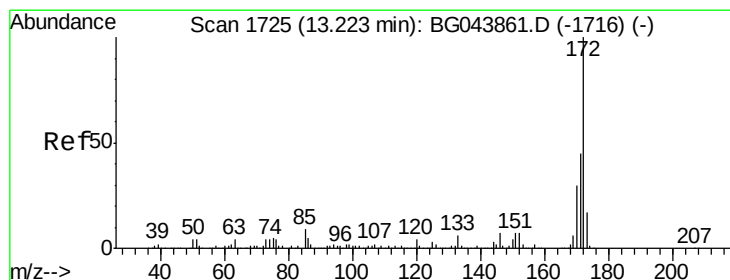
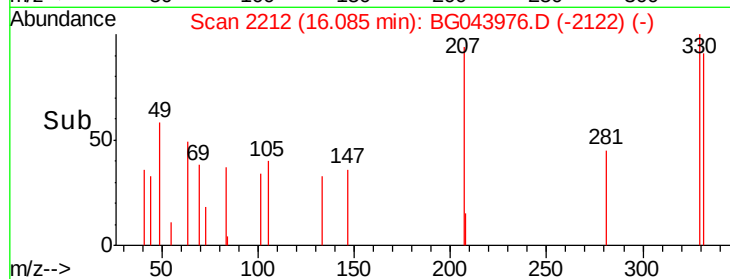
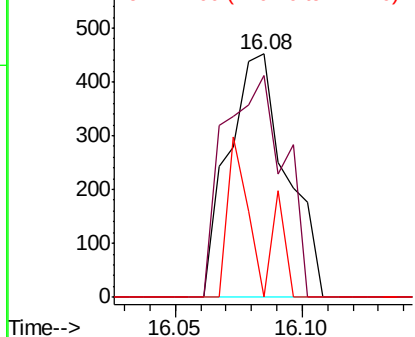
#42
 2,4,6-Tribromophenol
 Concen: 0.227 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: BG043976.D
 Acq: 8 Jan 2020 20:41

Instrument :
 BNA_G
 ClientSampleId :
 REAR-PIER-B

Tgt Ion:330 Resp: 719
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.2 115.8
 141 22.4 33.1 49.7#

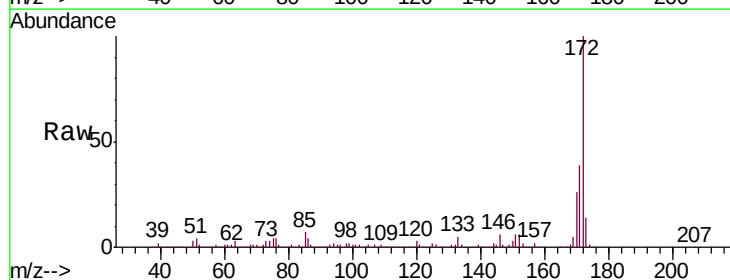


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

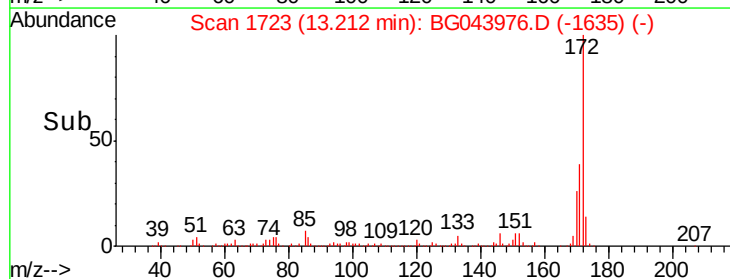
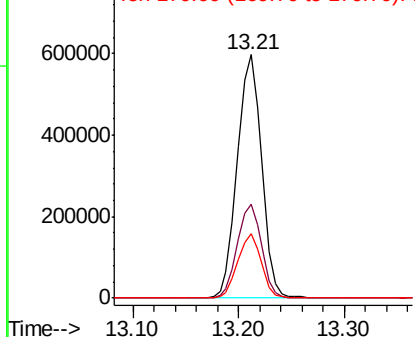


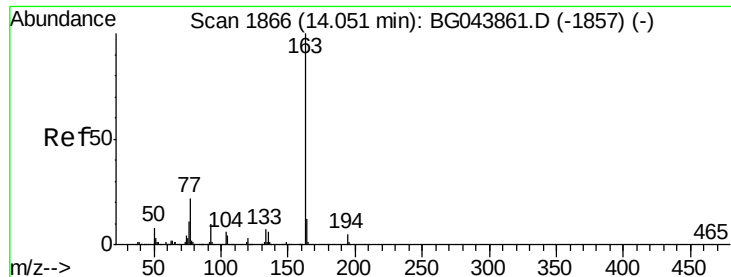
#45
 2-Fluorobiphenyl
 Concen: 56.738 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043976.D
 Acq: 8 Jan 2020 20:41

Tgt Ion:172 Resp: 949664
 Ion Ratio Lower Upper
 172 100
 171 38.7 35.8 53.8
 170 26.4 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.182 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG043976.D

Acq: 8 Jan 2020 20:41

Instrument :

BNA_G

ClientSampleId :

REAR-PIER-B

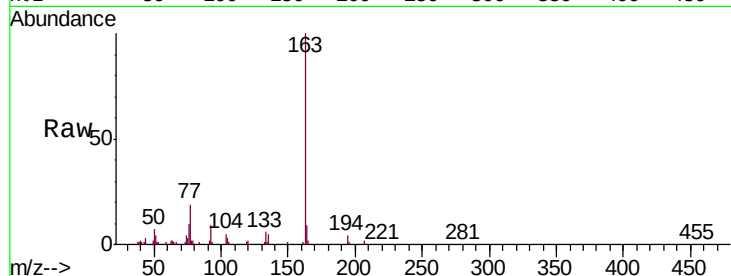
Tgt Ion:163 Resp: 68520

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

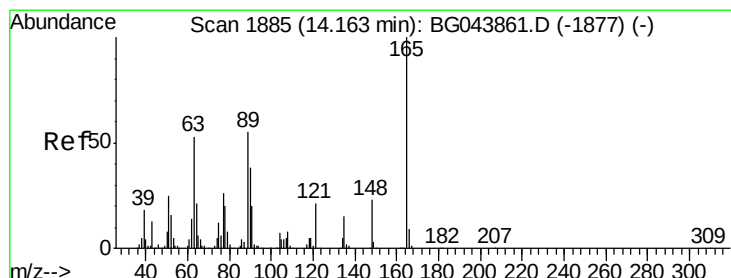
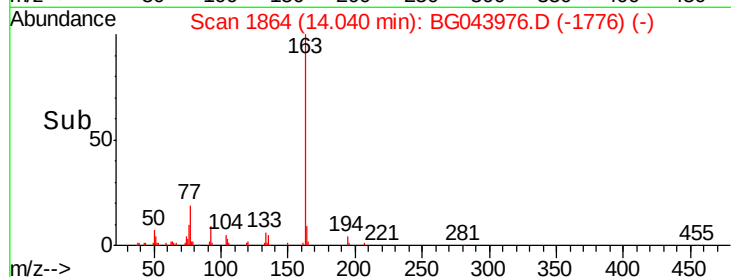
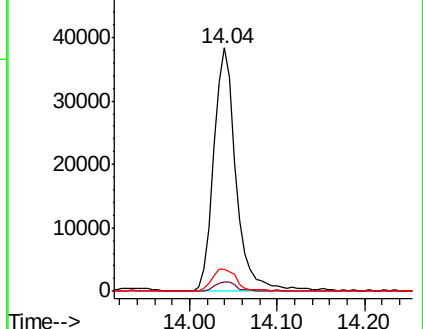
164 9.2 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.230 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.42 min

Lab File: BG043976.D

Acq: 8 Jan 2020 20:41

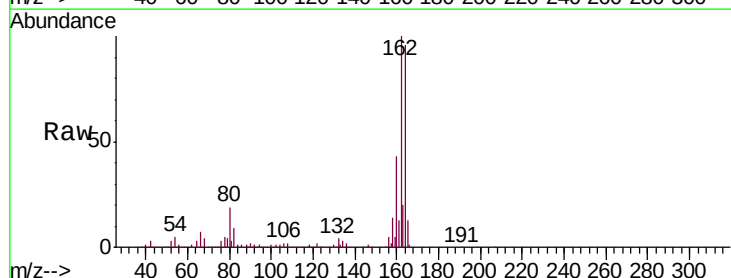
Tgt Ion:165 Resp: 40054

Ion Ratio Lower Upper

165 100

63 0.0 43.1 64.7#

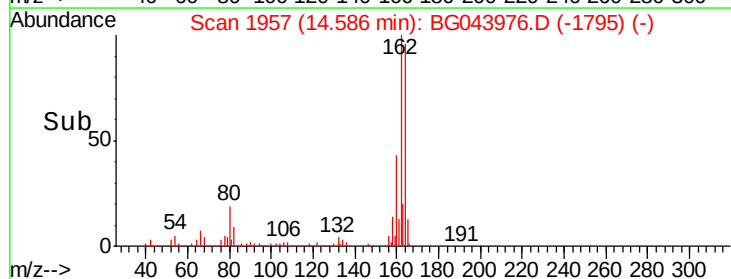
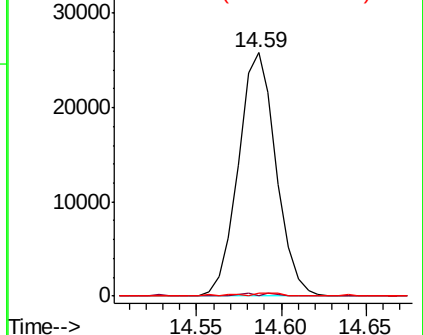
89 1.3 43.8 65.6#

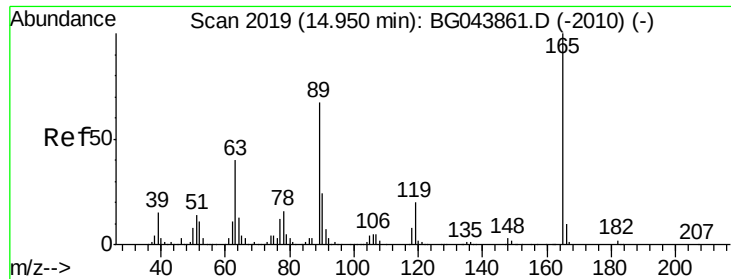


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

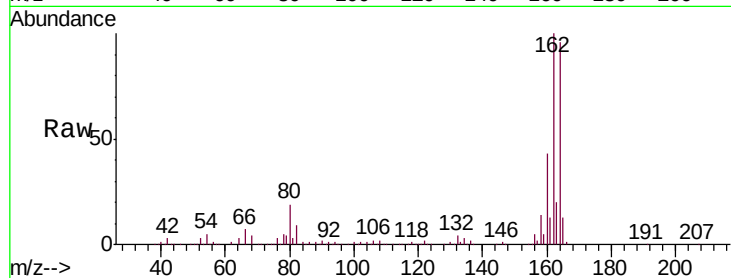




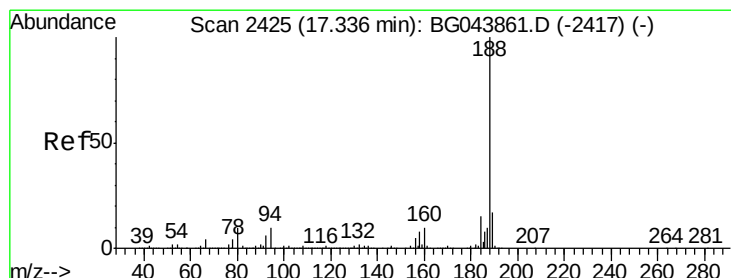
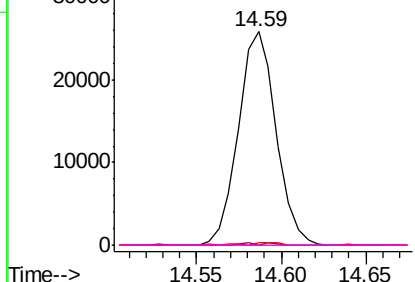
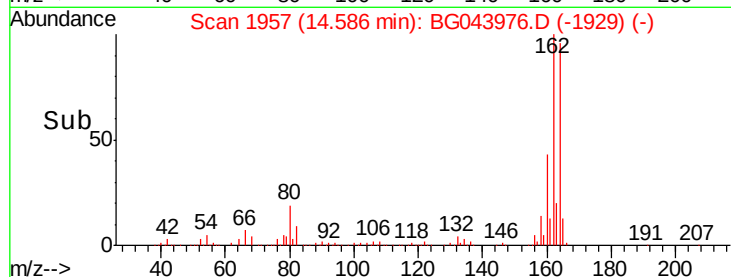
#57
 2,4-Dinitrotoluene
 Concen: 6.049 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.36 min
 Lab File: BG043976.D
 Acq: 8 Jan 2020 20:41

Instrument :
 BNA_G
 ClientSampleId :
 REAR-PIER-B

Tgt Ion:	165	Resp:	40054
Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#

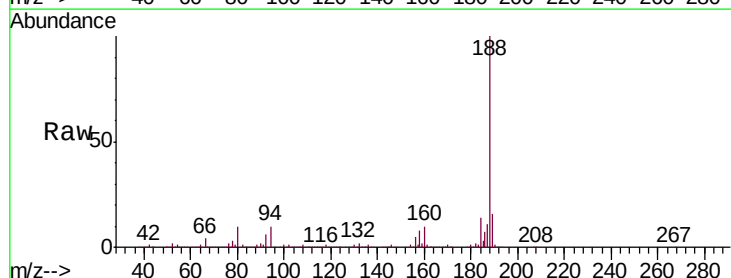


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

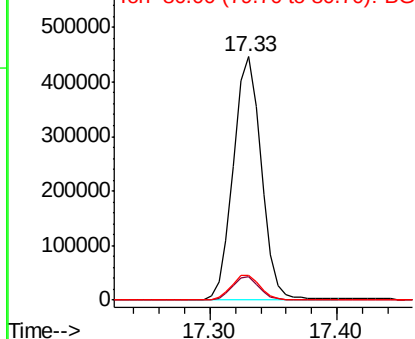
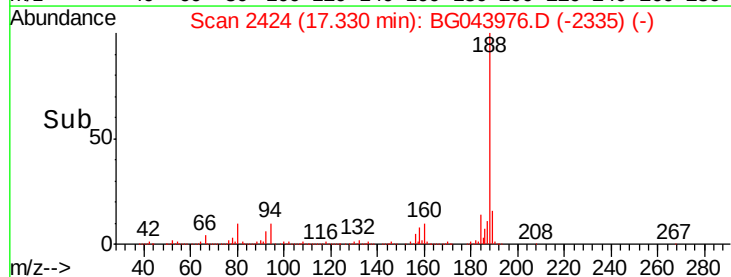


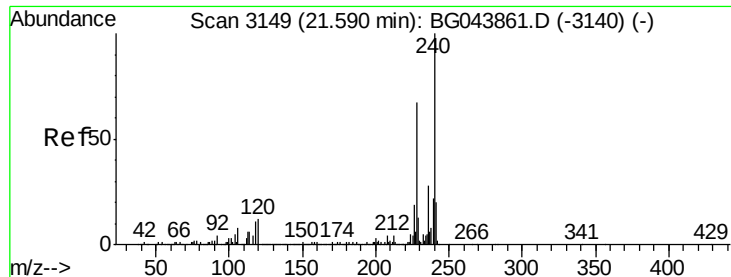
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BG043976.D
 Acq: 8 Jan 2020 20:41

Tgt Ion:	188	Resp:	683520
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.4	8.2	12.4



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

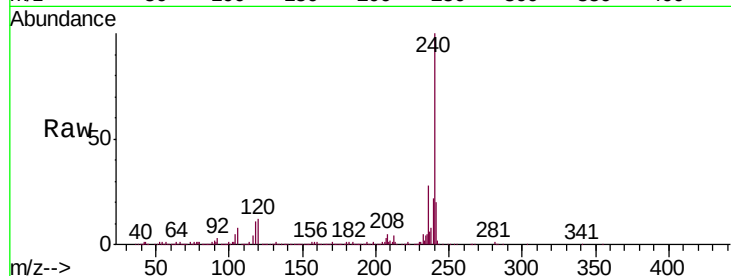




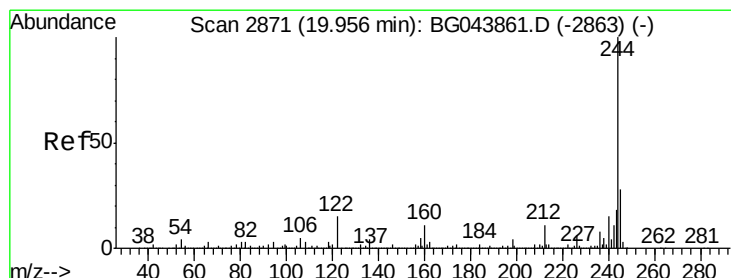
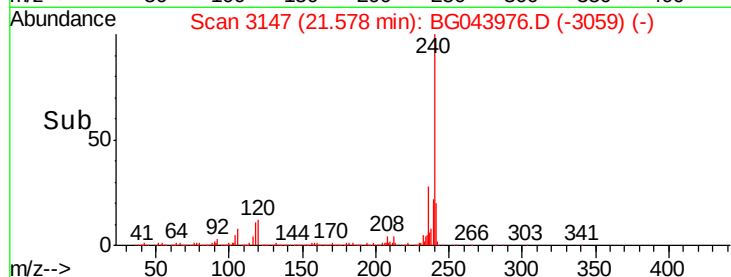
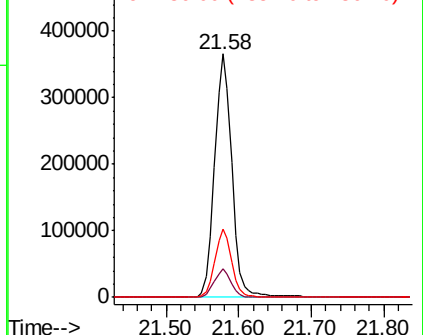
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

Tgt Ion:240 Resp: 606163
Ion Ratio Lower Upper
240 100
120 12.0 9.6 14.4
236 27.9 22.2 33.2

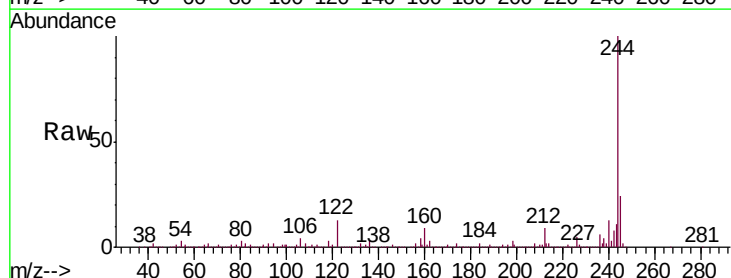


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

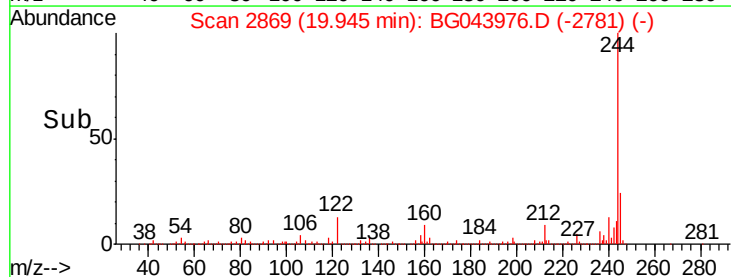
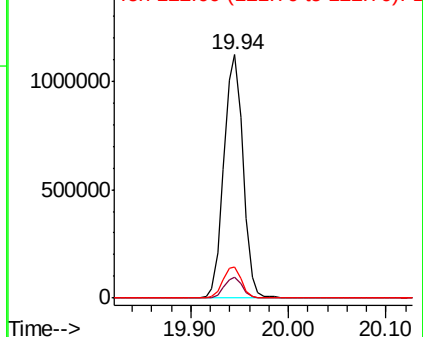


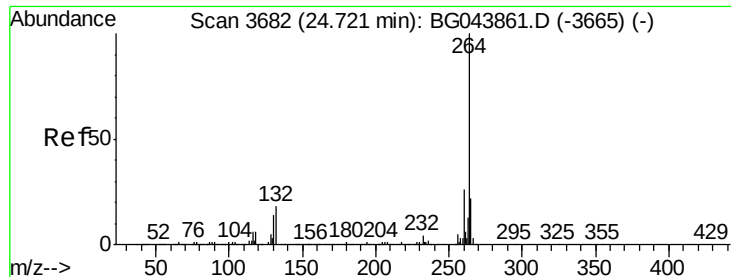
#79
Terphenyl-d14
Concen: 54.954 ng
RT: 19.94 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Tgt Ion:244 Resp: 1537368
Ion Ratio Lower Upper
244 100
212 8.8 8.6 13.0
122 12.7 11.9 17.9



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: 24.70 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.4	30.6
265	20.7	17.4	26.2

