

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048964.D
 Acq On : 15 Jun 2021 3:46
 Operator : CG/JU
 Sample : M2673-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(88-92)

Quant Time: Jun 15 06:28:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

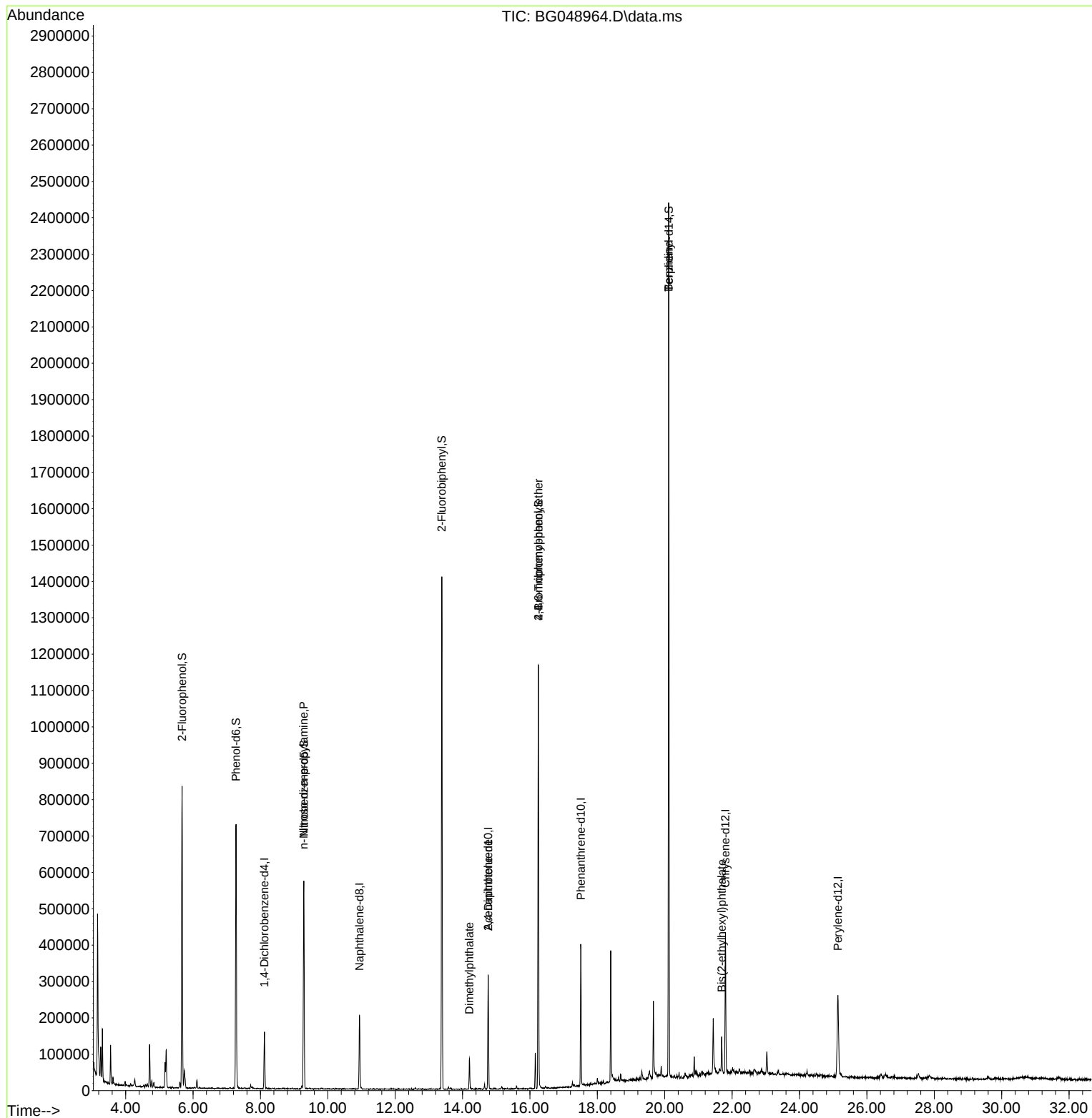
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	39558	20.00	ng	0.00
21) Naphthalene-d8	10.940	136	157244	20.00	ng	# 0.00
39) Acenaphthene-d10	14.759	164	113355	20.00	ng	0.00
64) Phenanthrene-d10	17.508	188	248370	20.00	ng	# 0.00
76) Chrysene-d12	21.803	240	240176	20.00	ng	-0.01
86) Perylene-d12	25.141	264	251580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	320374	126.07	ng	0.00
7) Phenol-d6	7.273	99	389646	102.30	ng	0.00
23) Nitrobenzene-d5	9.289	82	341842	93.74	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	230123	137.02	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	710740	88.57	ng	0.00
79) Terphenyl-d14	20.123	244	1137320	86.72	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	51638	17.34	ng	# 72
50) Dimethylphthalate	14.206	163	51462	5.83	ng	99
57) 2,4-Dinitrotoluene	14.759	165	15100	6.84	ng	# 18
67) 4-Bromophenyl-phenylether	16.251	248	15030	4.85	ng	# 1
77) Benzidine	20.117	184	22705	4.69	ng	99
84) Bis(2-ethylhexyl)phtha...	21.692	149	36993	3.95	ng	# 94

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

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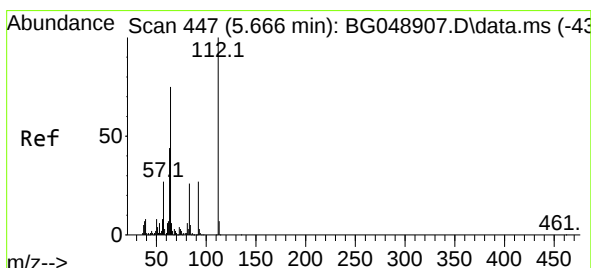
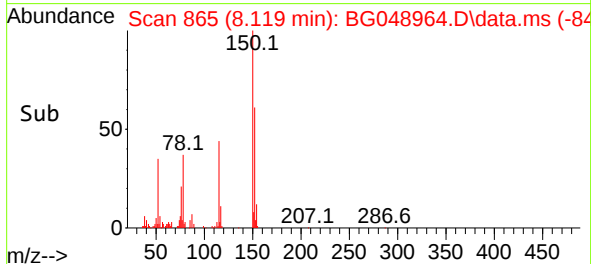
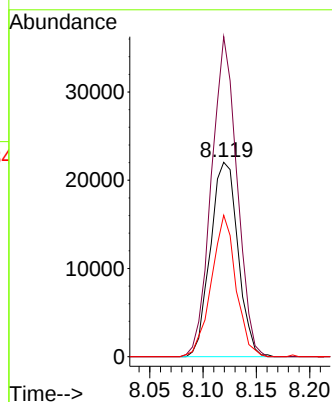
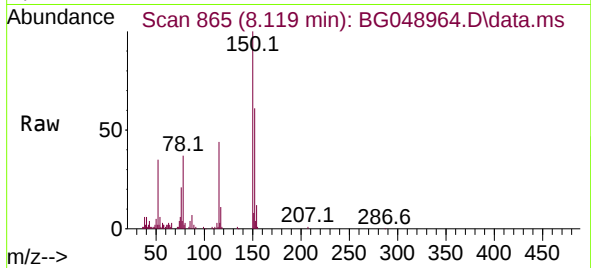




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.119 min Scan# 865
Delta R.T. -0.003 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

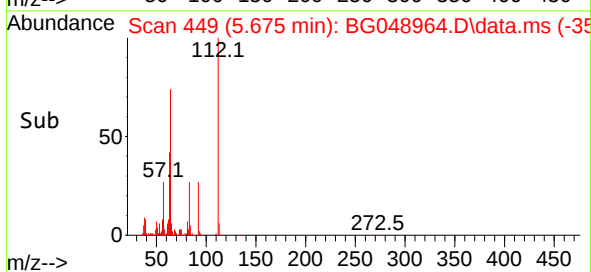
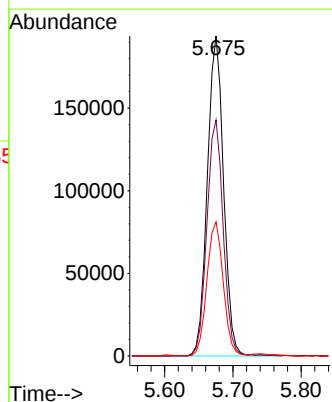
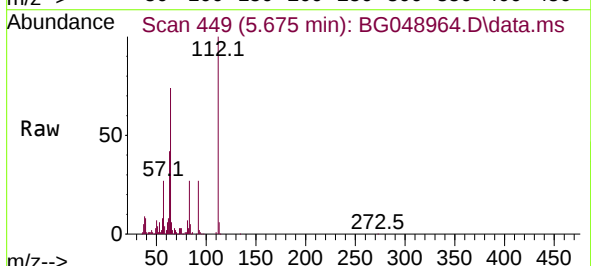
Instrument :
BNA_G
ClientSampleId :
17-B6(88-92)

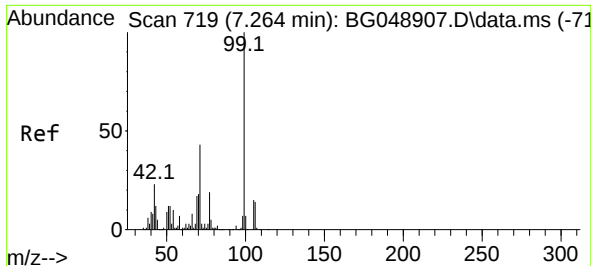
Tgt Ion:152 Resp: 39558
Ion Ratio Lower Upper
152 100
150 164.6 119.4 179.0
115 72.7 60.2 90.4



#5
2-Fluorophenol
Concen: 126.07 ng
RT: 5.675 min Scan# 449
Delta R.T. 0.009 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion:112 Resp: 320374
Ion Ratio Lower Upper
112 100
64 73.8 46.7 70.1#
63 41.9 35.3 52.9

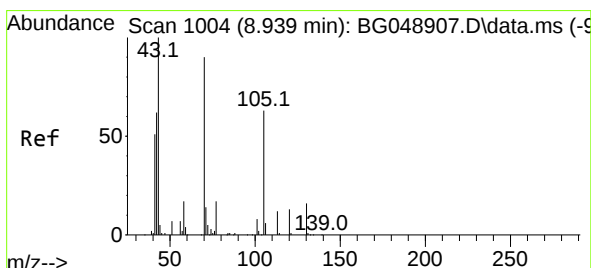
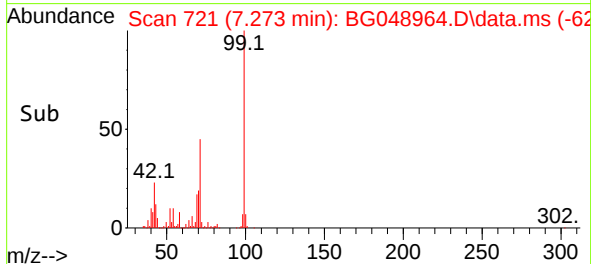
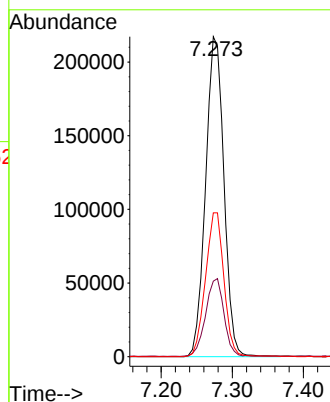
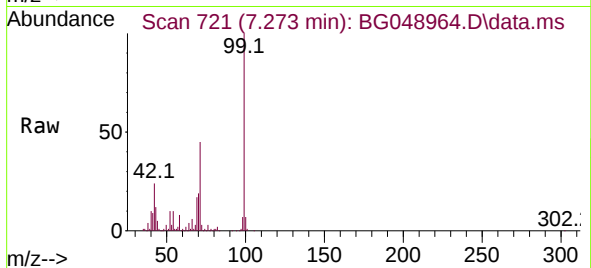




#7
Phenol-d6
Concen: 102.30 ng
RT: 7.273 min Scan# 721
Delta R.T. 0.009 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

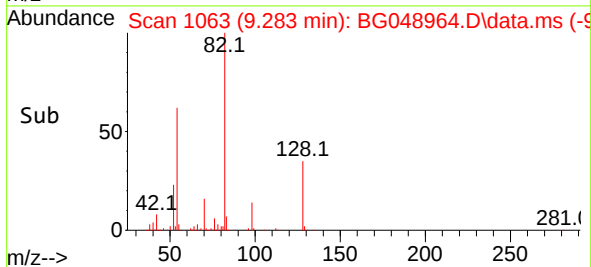
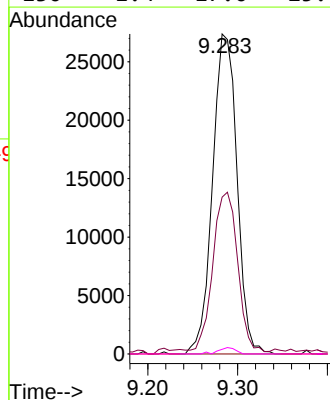
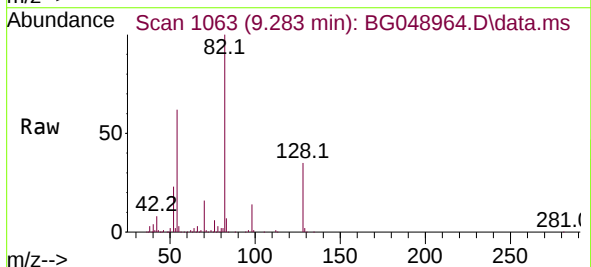
Instrument :
BNA_G
ClientSampleId :
17-B6(88-92)

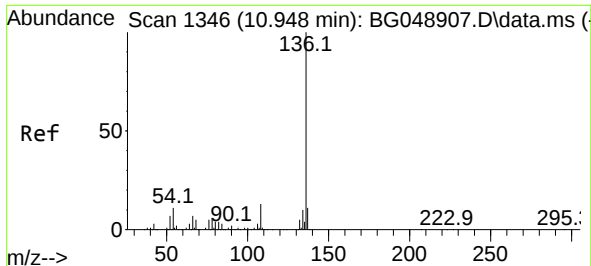
Tgt Ion: 99 Resp: 389646
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 44.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.34 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.344 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion: 70 Resp: 51638
Ion Ratio Lower Upper
70 100
42 49.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

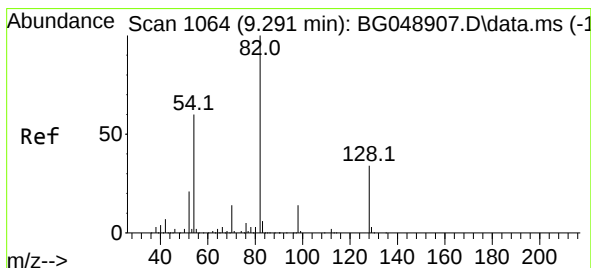
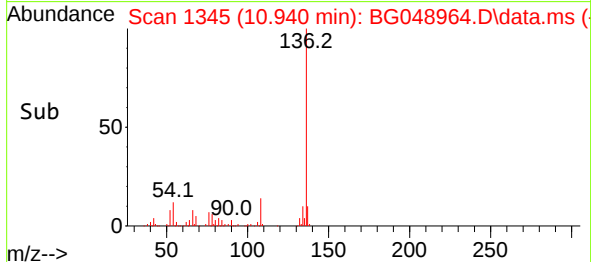
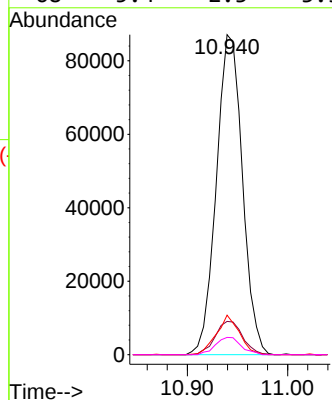
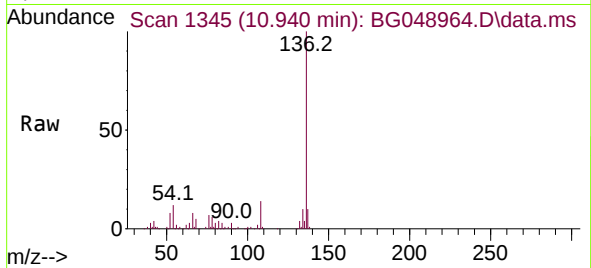




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.940 min Scan# 1345
Delta R.T. -0.008 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

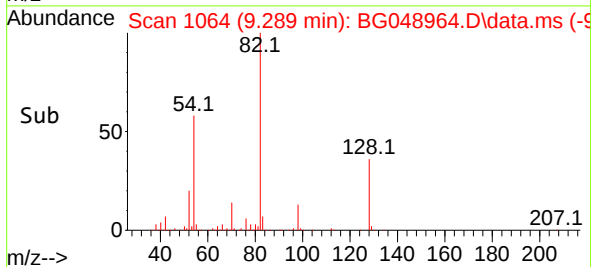
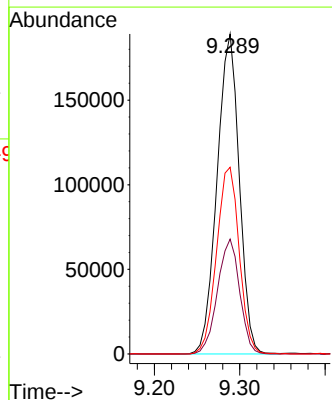
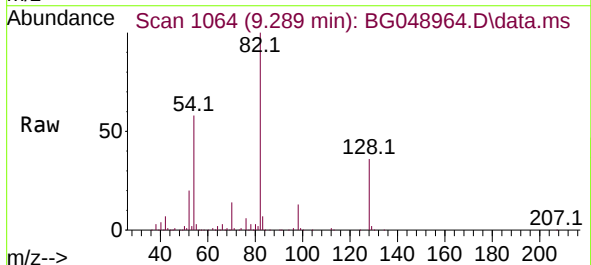
Instrument :
BNA_G
ClientSampleId :
17-B6(88-92)

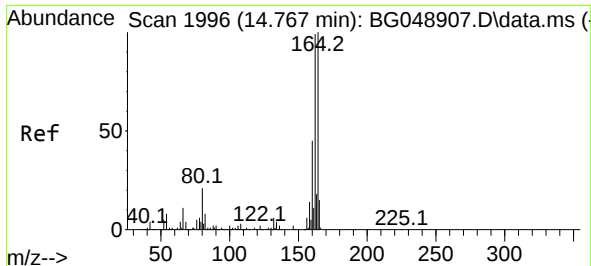
Tgt Ion:136	Resp:	157244
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.2 12.2
54	12.4	5.5 8.3#
68	5.4	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 93.74 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion: 82	Resp:	341842
Ion Ratio	Lower	Upper
82	100	
128	35.9	29.8 44.6
54	58.3	45.8 68.8

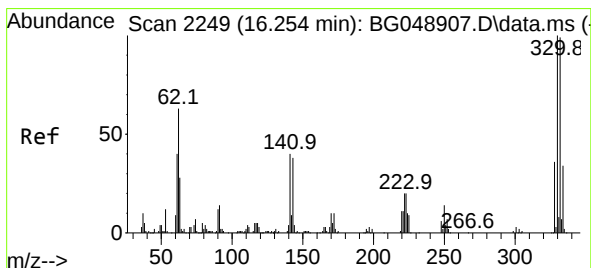
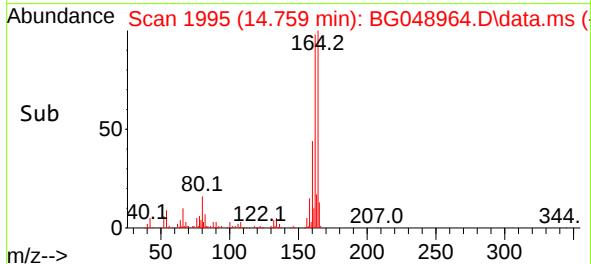
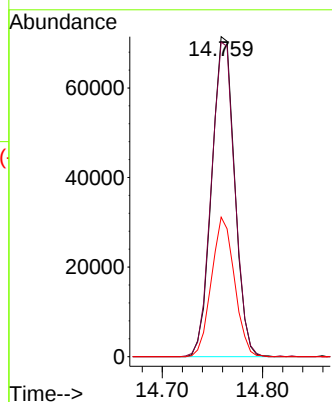
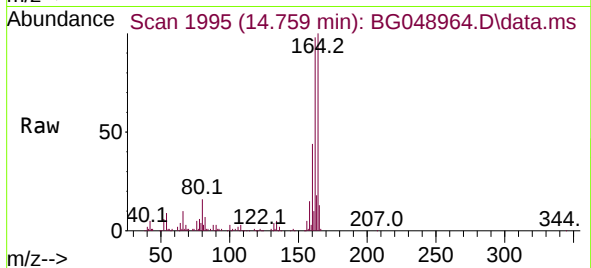




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.008 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

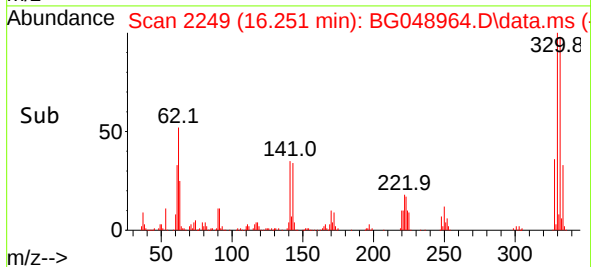
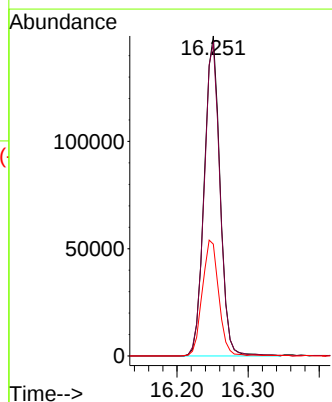
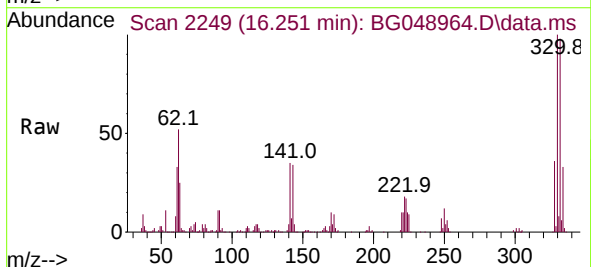
Instrument :
BNA_G
ClientSampleId :
17-B6(88-92)

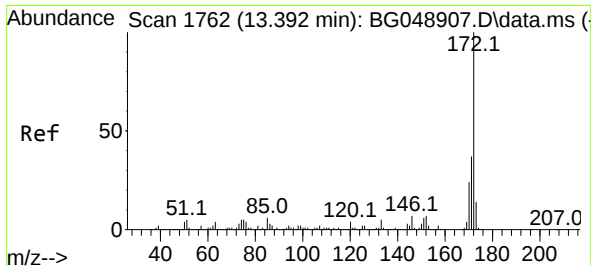
Tgt Ion:164 Resp: 113355
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 43.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 137.02 ng
RT: 16.251 min Scan# 2249
Delta R.T. -0.003 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion:330 Resp: 230123
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 37.7 35.6 53.4

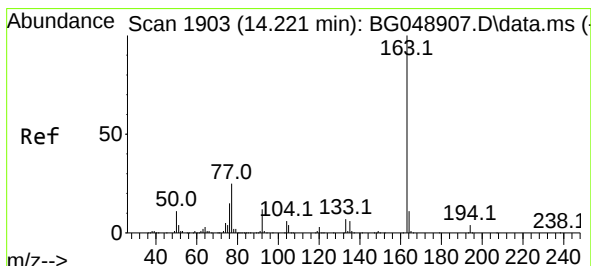
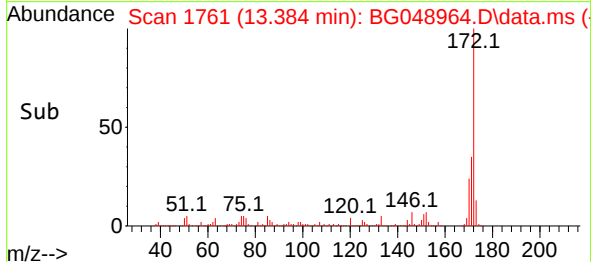
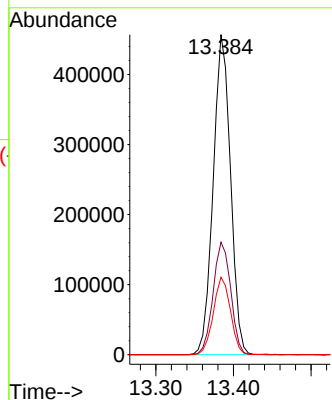
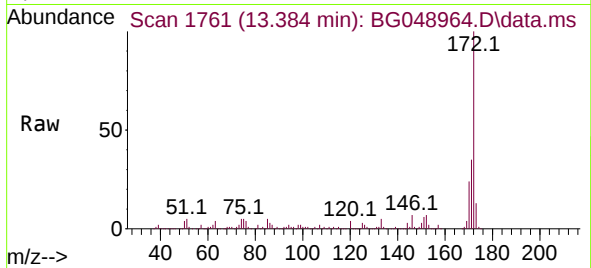




#45
2-Fluorobiphenyl
Concen: 88.57 ng
RT: 13.384 min Scan# 1761
Delta R.T. -0.008 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

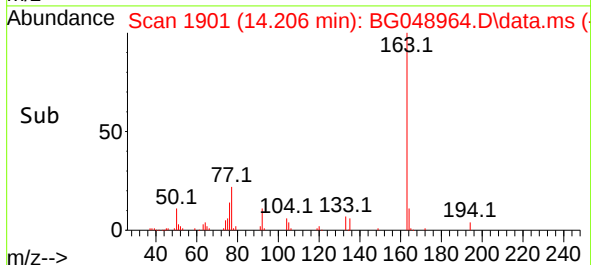
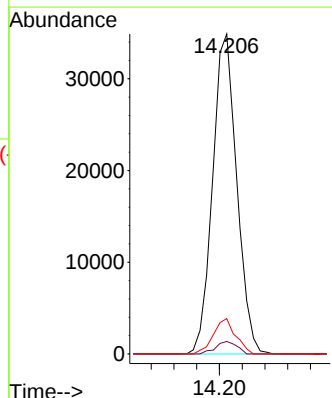
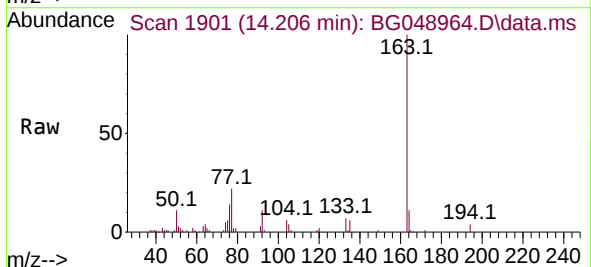
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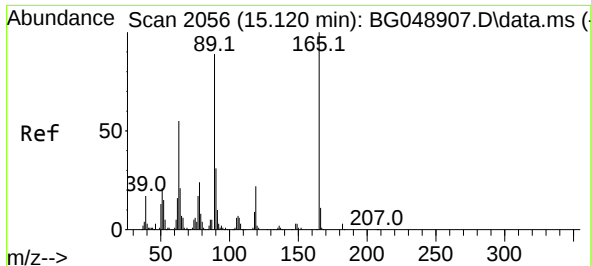
Tgt Ion:172 Resp: 710740
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.2 18.6 27.8



#50
Dimethylphthalate
Concen: 5.83 ng
RT: 14.206 min Scan# 1901
Delta R.T. -0.014 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion:163 Resp: 51462
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 11.1 8.6 12.8

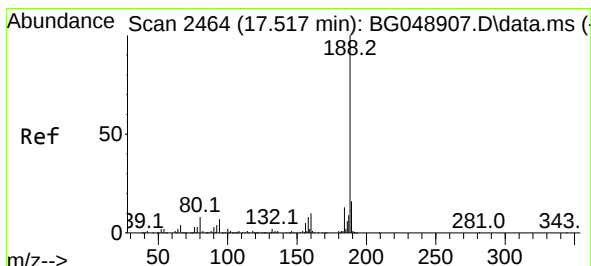
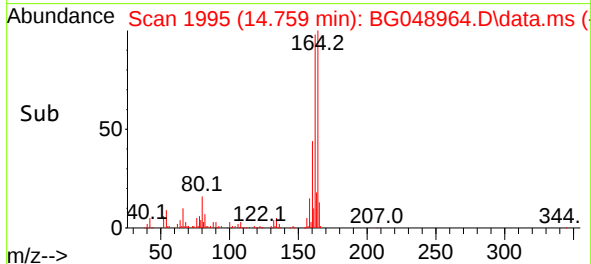
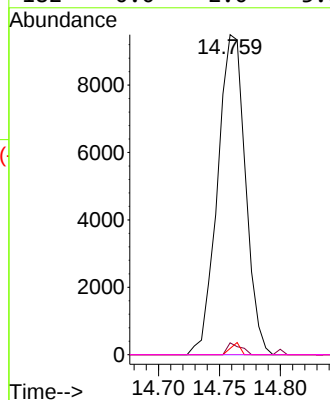
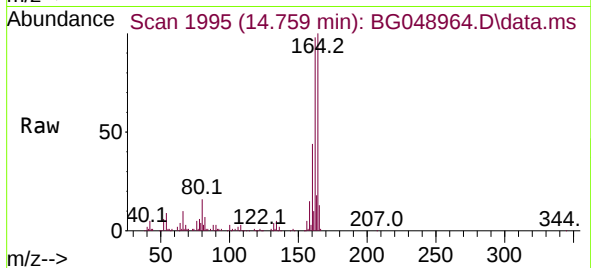




#57
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.361 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

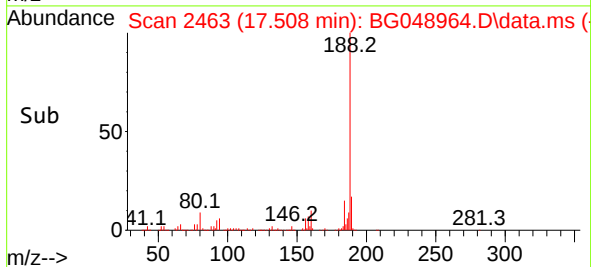
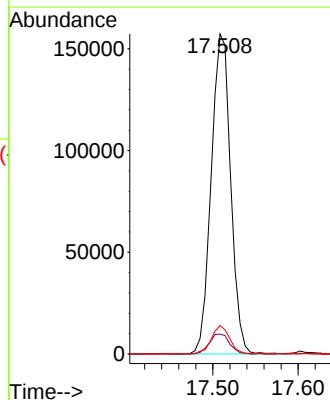
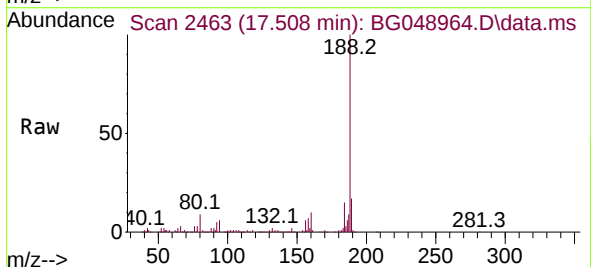
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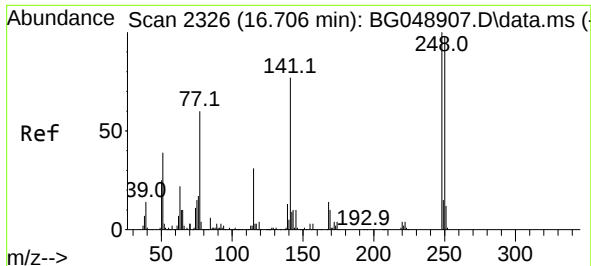
Tgt Ion:165 Resp: 15100
Ion Ratio Lower Upper
165 100
63 3.7 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.508 min Scan# 2463
Delta R.T. -0.009 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion:188 Resp: 248370
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 8.9 3.7 5.5#

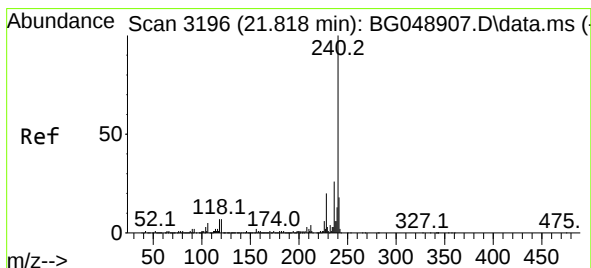
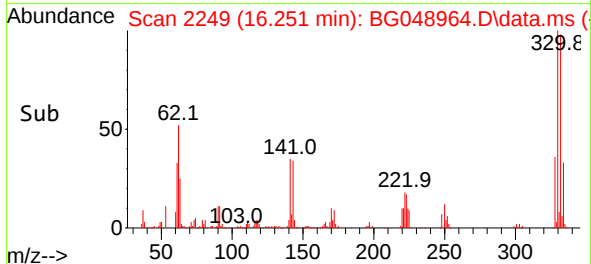
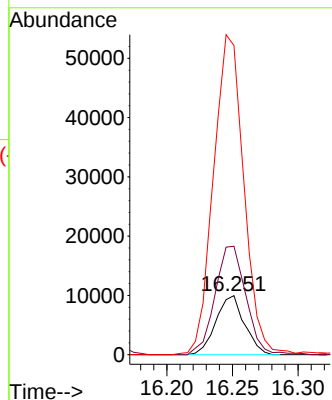
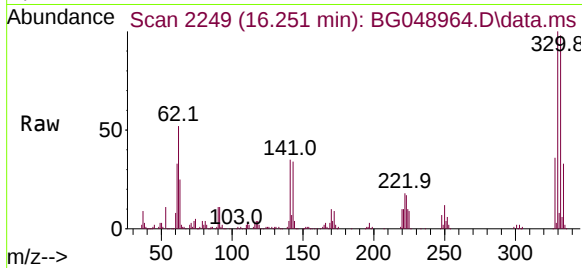




#67
4-Bromophenyl-phenylether
Concen: 4.85 ng
RT: 16.251 min Scan# 2249
Delta R.T. -0.455 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

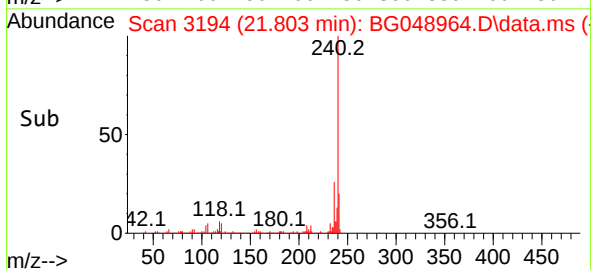
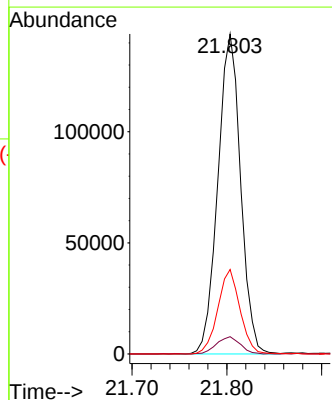
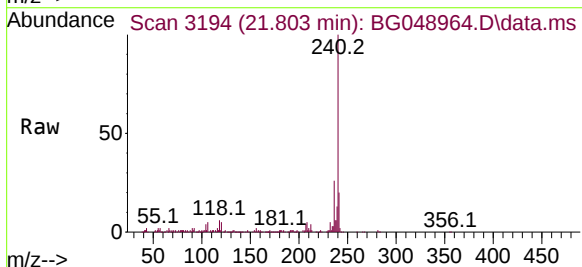
Instrument :
BNA_G
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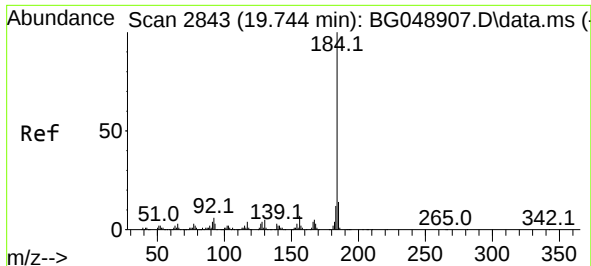
Tgt Ion:248 Resp: 15030
Ion Ratio Lower Upper
248 100
250 183.8 76.1 114.1#
141 523.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.803 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion:240 Resp: 240176
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 26.4 21.8 32.6

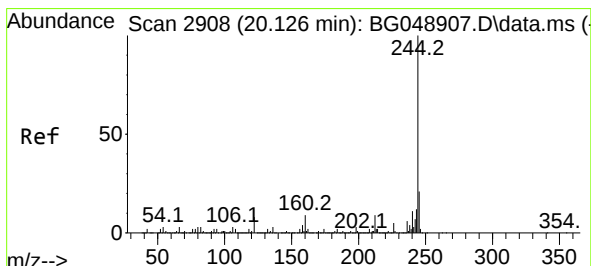
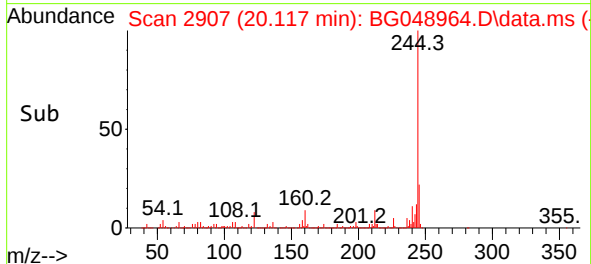
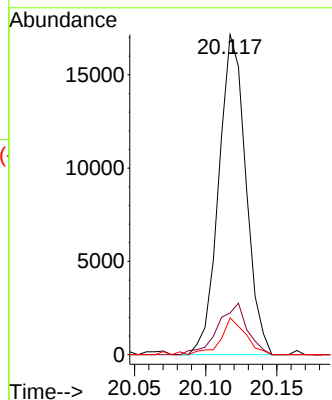
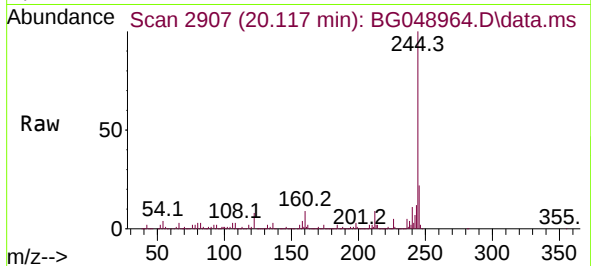




#77
Benzidine
Concen: 4.69 ng
RT: 20.117 min Scan# 2907
Delta R.T. 0.373 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

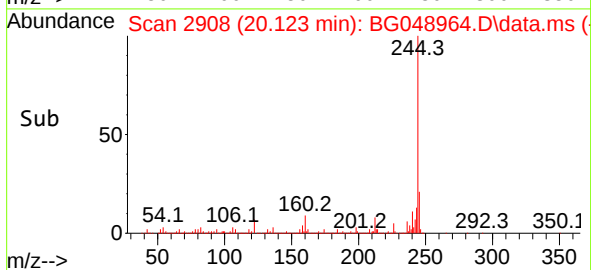
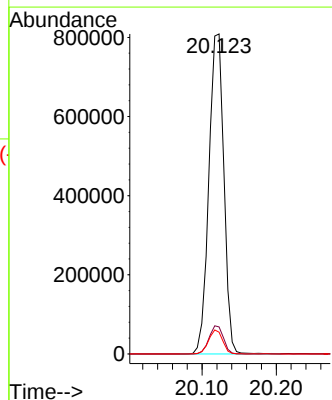
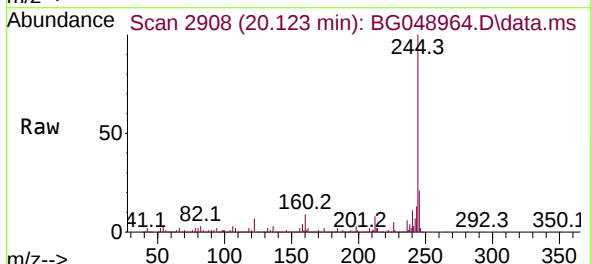
Instrument :
BNA_G
ClientSampleId :
17-B6(88-92)

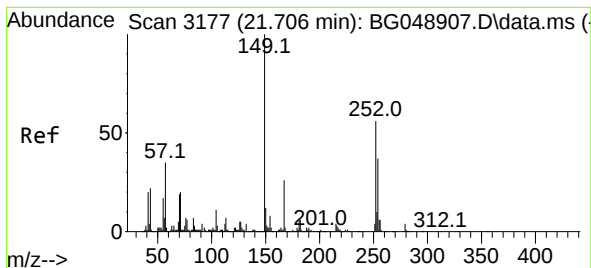
Tgt Ion:184 Resp: 22705
Ion Ratio Lower Upper
184 100
185 13.0 10.7 16.1
183 11.5 9.4 14.0



#79
Terphenyl-d14
Concen: 86.72 ng
RT: 20.123 min Scan# 2908
Delta R.T. -0.003 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion:244 Resp: 1137320
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.8 5.0 7.6

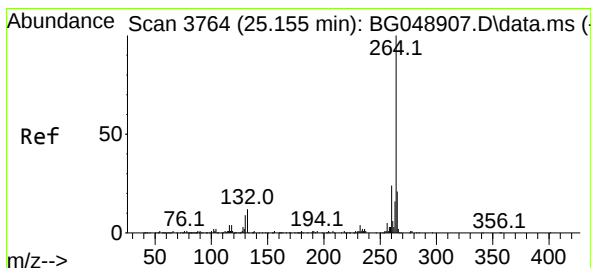
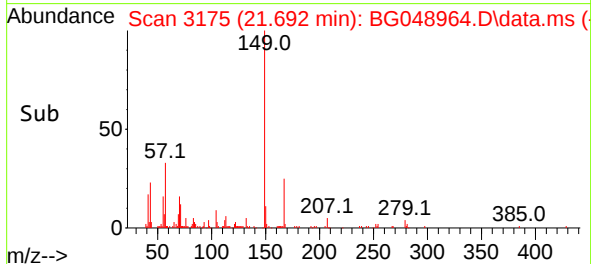
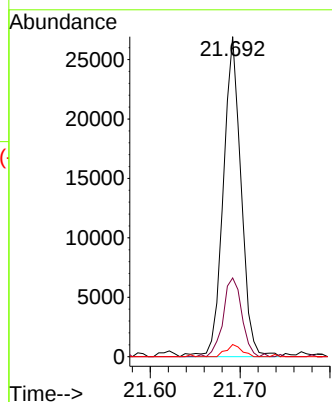
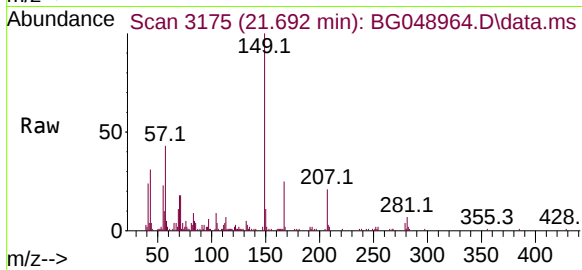




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.95 ng
RT: 21.692 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Instrument :
BNA_G
ClientSampleId :
17-B6(88-92)

Tgt Ion:149 Resp: 36993
Ion Ratio Lower Upper
149 100
167 24.6 22.3 33.5
279 3.8 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3762
Delta R.T. -0.014 min
Lab File: BG048964.D
Acq: 15 Jun 2021 3:46

Tgt Ion:264 Resp: 251580
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.1 16.9 25.3

