

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048989.D
 Acq On : 15 Jun 2021 22:47
 Operator : CG/JU
 Sample : M2672-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(56-60)

Quant Time: Jun 16 01:02:44 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)

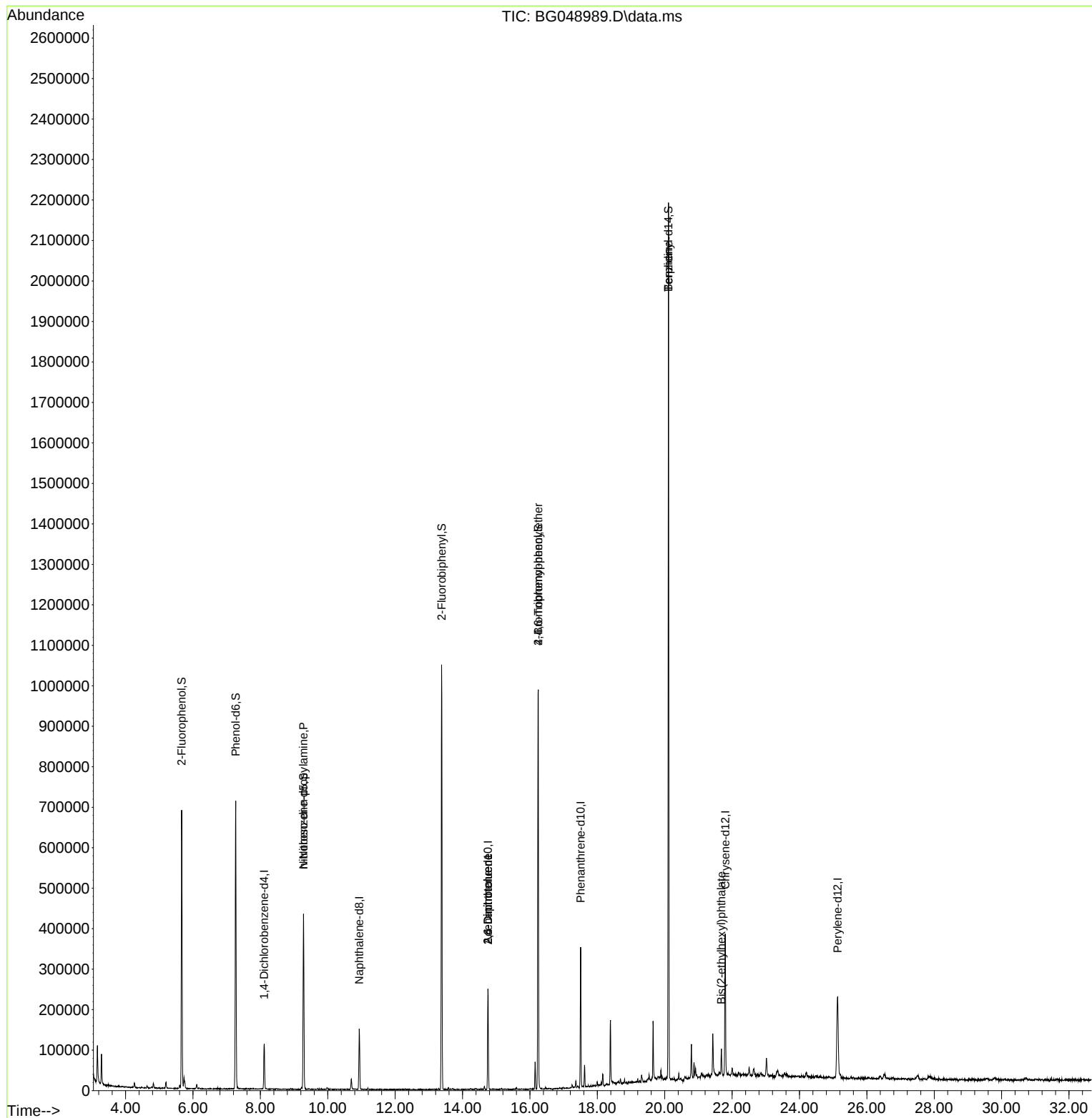
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	30682	20.00	ng	0.00
21) Naphthalene-d8	10.934	136	116968	20.00	ng	#-0.01
39) Acenaphthene-d10	14.753	164	88111	20.00	ng	-0.01
64) Phenanthrene-d10	17.503	188	212513	20.00	ng	#-0.01
76) Chrysene-d12	21.798	240	226667	20.00	ng	-0.02
86) Perylene-d12	25.130	264	237047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	262713	133.29	ng	0.00
7) Phenol-d6	7.268	99	360686	122.10	ng	0.00
23) Nitrobenzene-d5	9.278	82	253979	93.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	186577	142.93	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	537951	86.25	ng	-0.01
79) Terphenyl-d14	20.112	244	971040	78.46	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	38150	16.52	ng	# 73
51) 2,6-Dinitrotoluene	14.753	165	11351	8.12	ng	# 12
57) 2,4-Dinitrotoluene	14.753	165	11351	6.61	ng	# 18
67) 4-Bromophenyl-phenylether	16.246	248	12353	4.66	ng	# 1
77) Benzidine	20.112	184	19764	4.33	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.681	149	26066	2.95	ng	# 91

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

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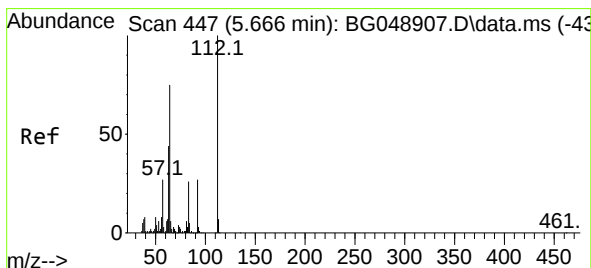
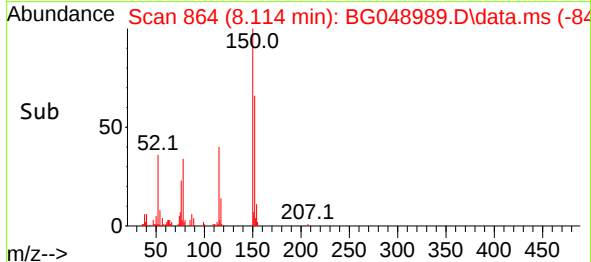
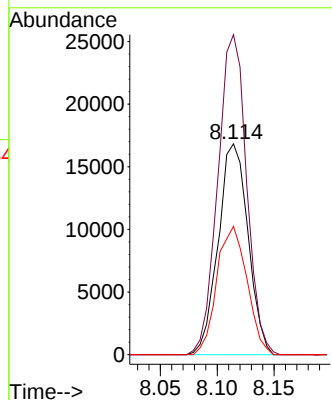
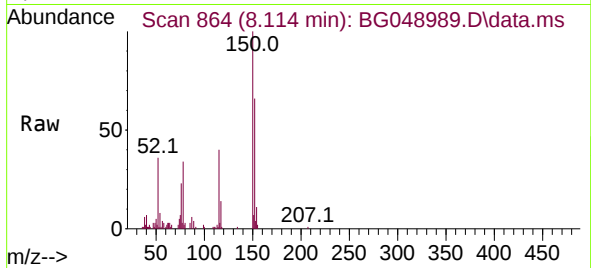




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 864
Delta R.T. -0.008 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

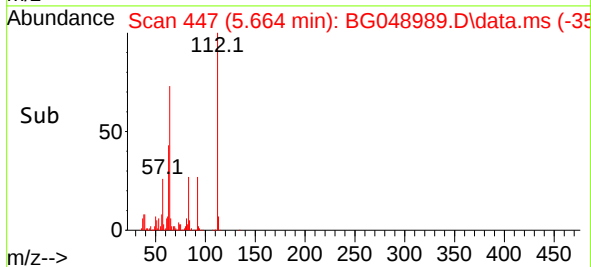
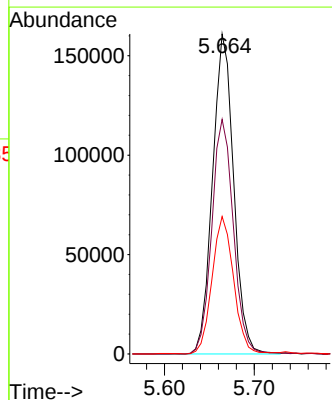
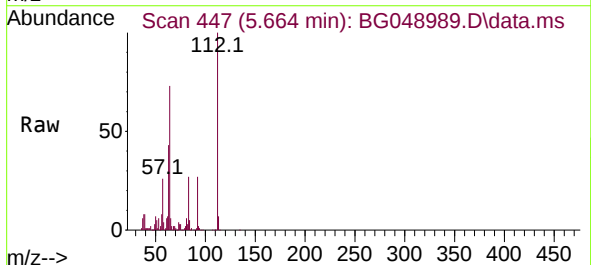
Instrument :
BNA_G
ClientSampleId :
17-B6(56-60)

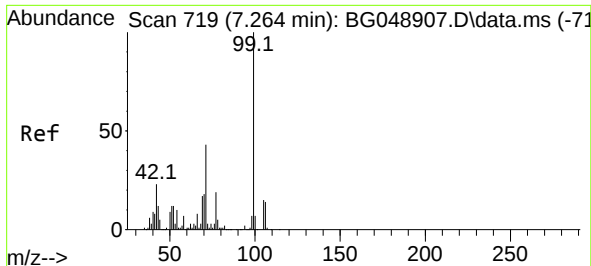
Tgt Ion:152 Resp: 30682
Ion Ratio Lower Upper
152 100
150 151.8 119.4 179.0
115 60.8 60.2 90.4



#5
2-Fluorophenol
Concen: 133.29 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Tgt Ion:112 Resp: 262713
Ion Ratio Lower Upper
112 100
64 73.3 46.7 70.1#
63 43.0 35.3 52.9

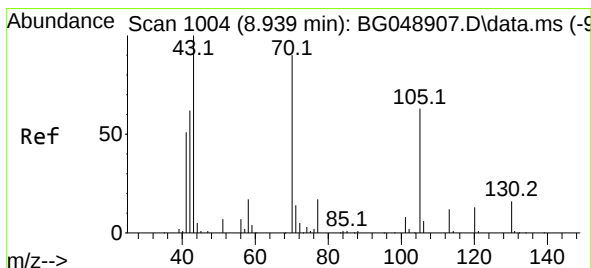
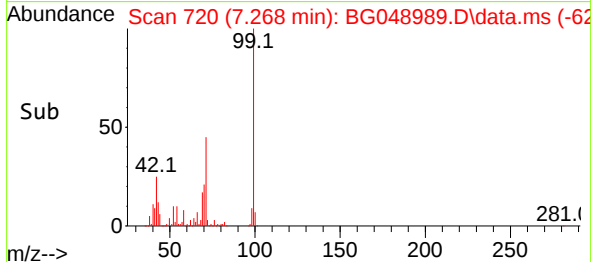
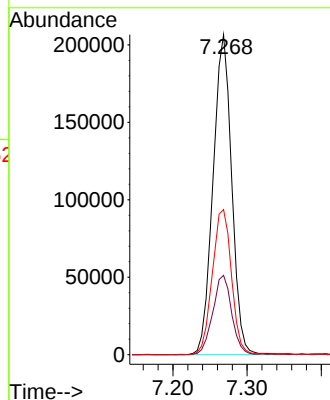
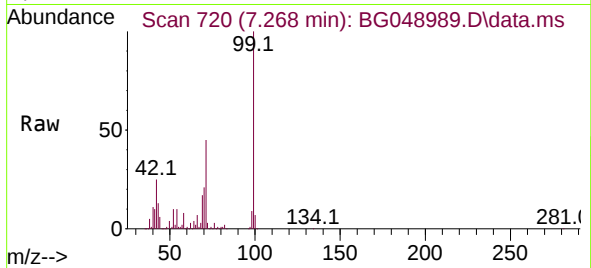




#7
Phenol-d6
Concen: 122.10 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.004 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

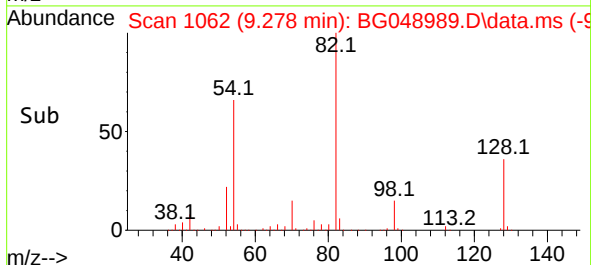
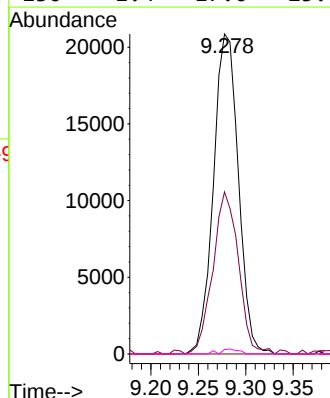
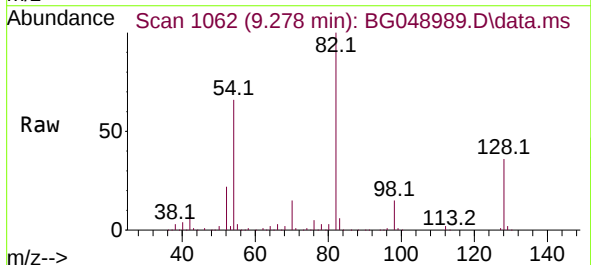
Instrument :
BNA_G
ClientSampleId :
17-B6(56-60)

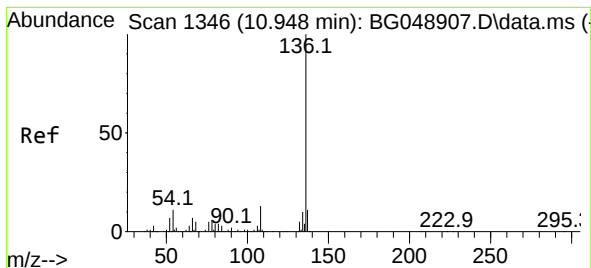
Tgt Ion: 99 Resp: 360686
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 45.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.339 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Tgt Ion: 70 Resp: 38150
Ion Ratio Lower Upper
70 100
42 50.6 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

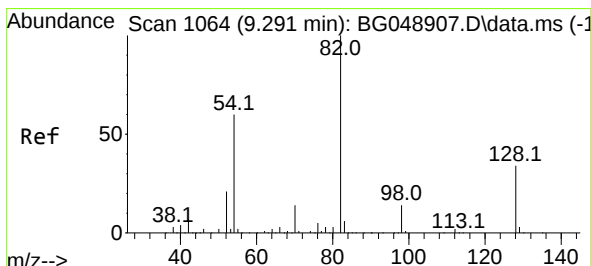
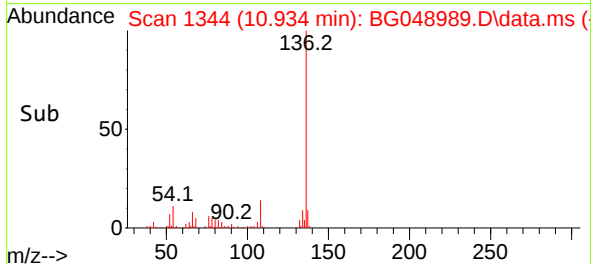
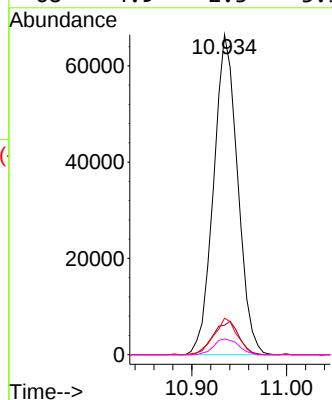
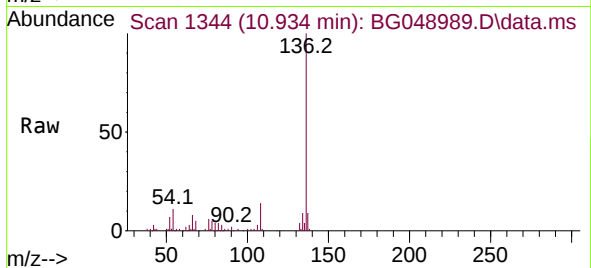




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1344
Delta R.T. -0.014 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

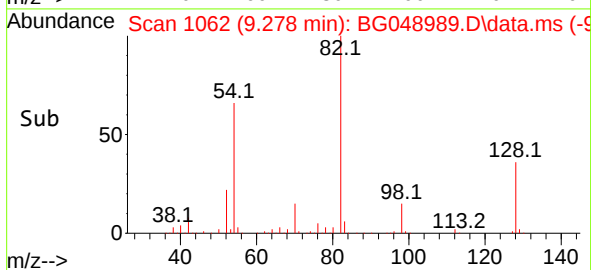
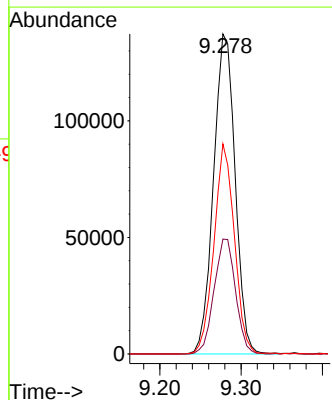
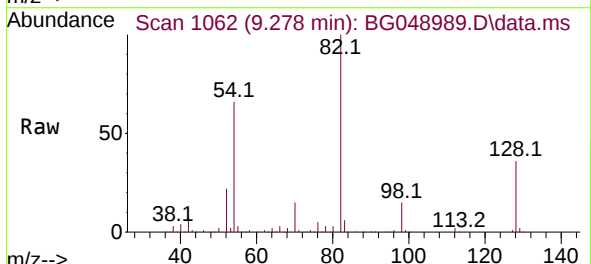
Instrument :
BNA_G
ClientSampleId :
17-B6(56-60)

Tgt Ion:	136	Resp:	116968
Ion Ratio	Lower	Upper	
136	100		
137	9.2	8.2	12.2
54	11.4	5.5	8.3#
68	4.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 93.63 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.013 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

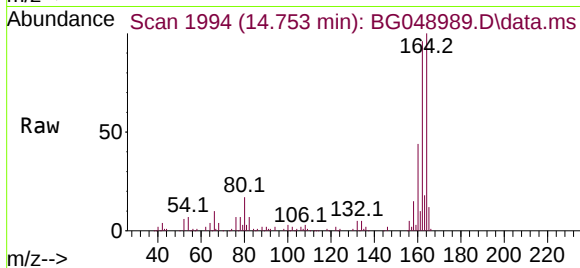
Tgt Ion:	82	Resp:	253979
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.6
54	65.7	45.8	68.8



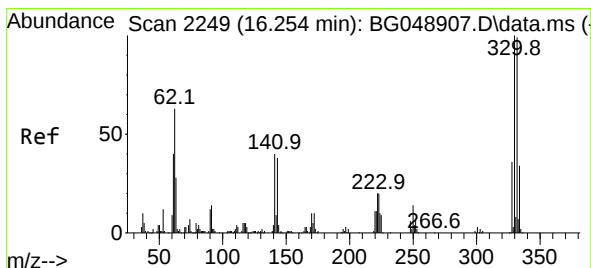
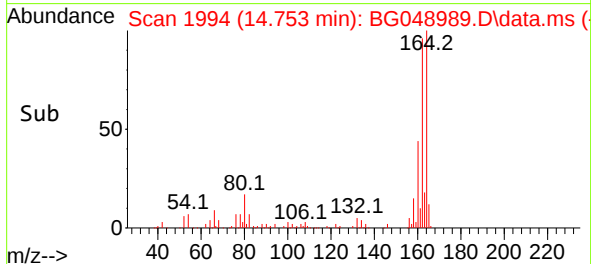
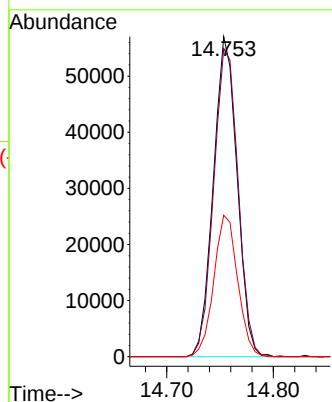


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.014 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Instrument :
BNA_G
ClientSampleId :
17-B6(56-60)

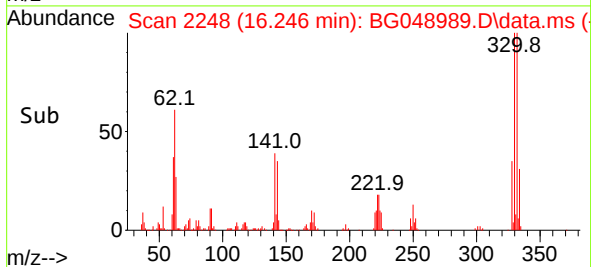
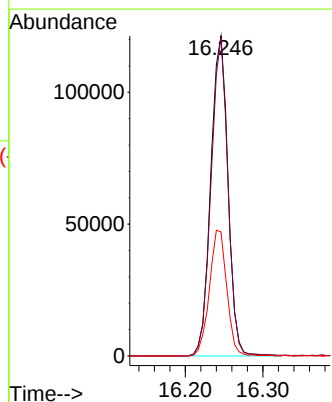
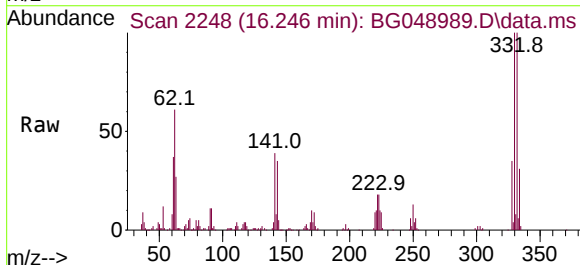


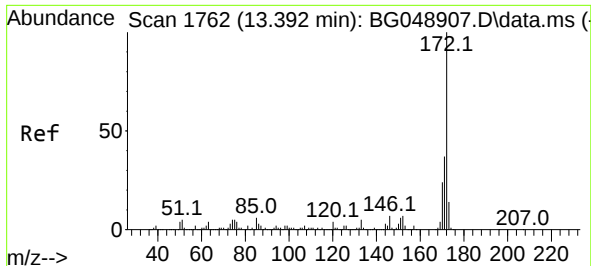
Tgt Ion:164 Resp: 88111
Ion Ratio Lower Upper
164 100
162 96.3 81.4 122.0
160 44.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 142.93 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.008 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Tgt Ion:330 Resp: 186577
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 39.9 35.6 53.4

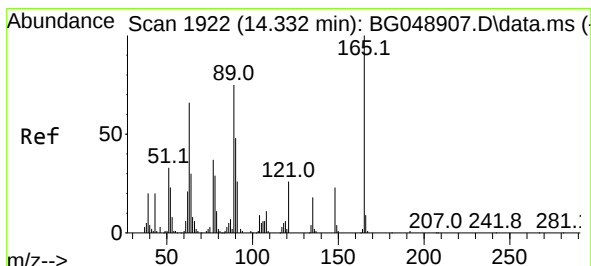
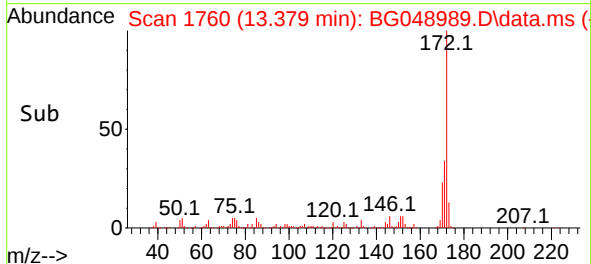
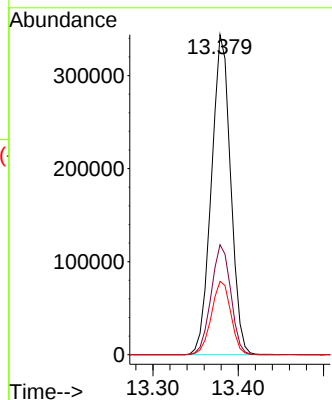
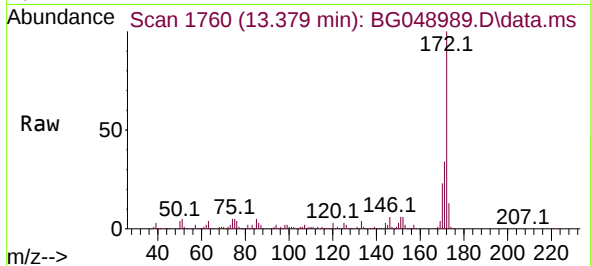




#45
2-Fluorobiphenyl
Concen: 86.25 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.013 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

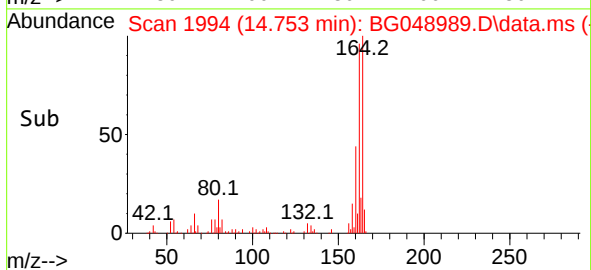
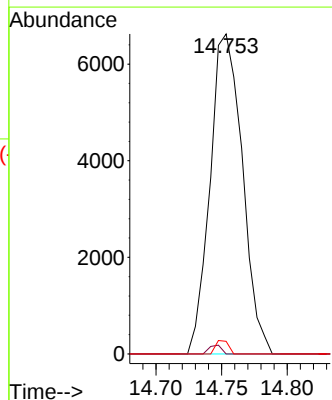
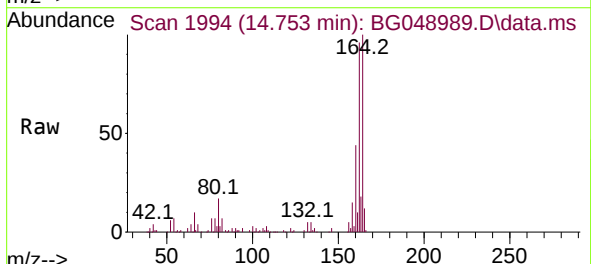
Instrument :
BNA_G
ClientSampleId :
17-B6(56-60)

Tgt Ion:172 Resp: 537951
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 14.753 min Scan# 1994
Delta R.T. 0.421 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

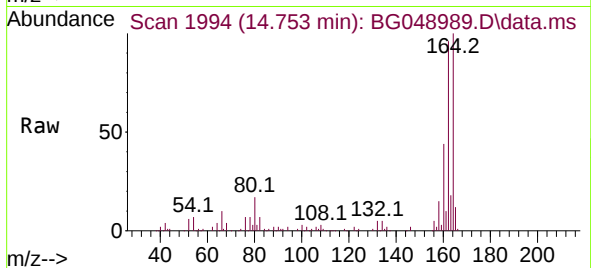
Tgt Ion:165 Resp: 11351
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#



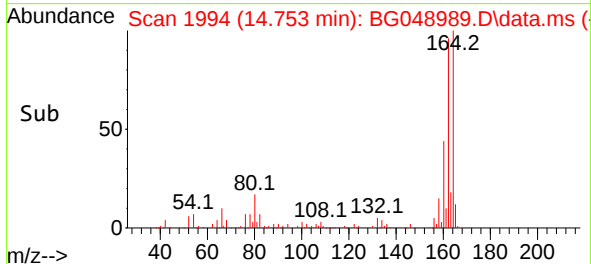
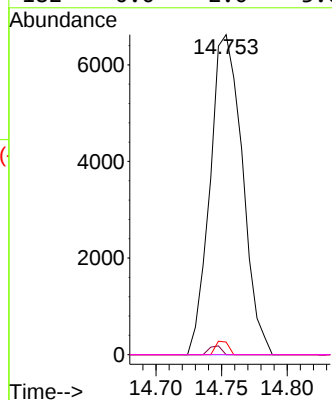


#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.366 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Instrument :
BNA_G
ClientSampleId :
17-B6(56-60)

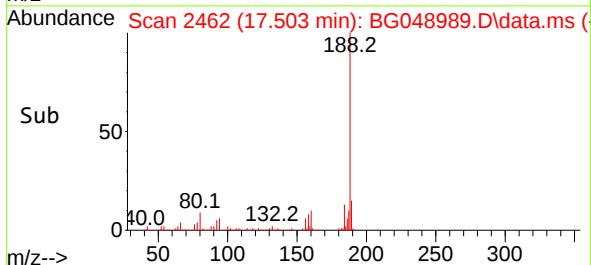
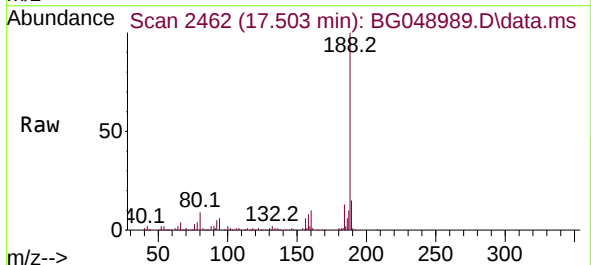
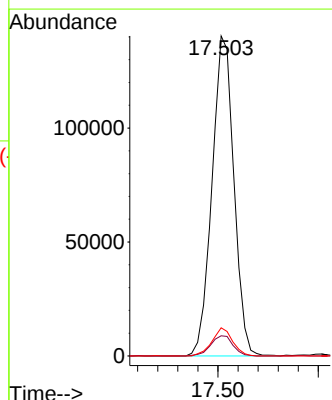


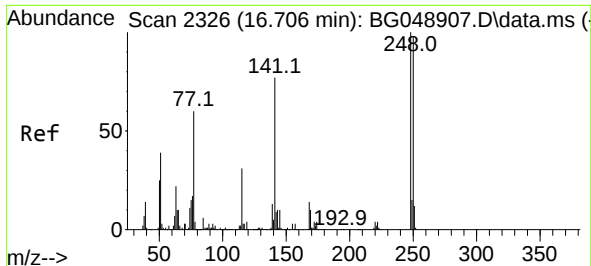
Tgt Ion:165 Resp: 11351
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.014 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

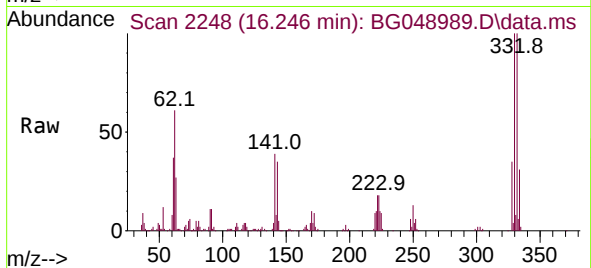
Tgt Ion:188 Resp: 212513
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.8 3.7 5.5#



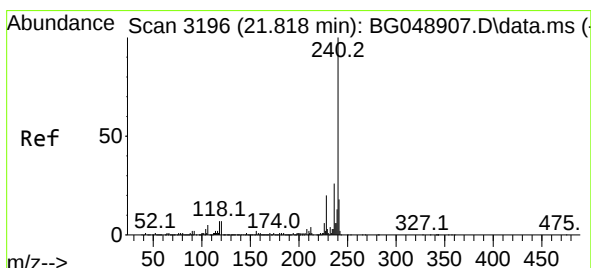
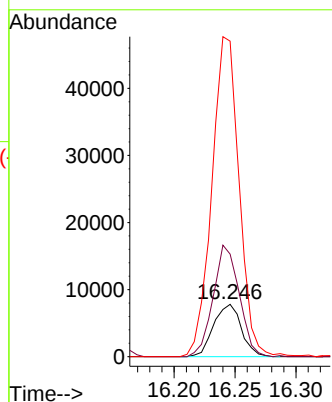
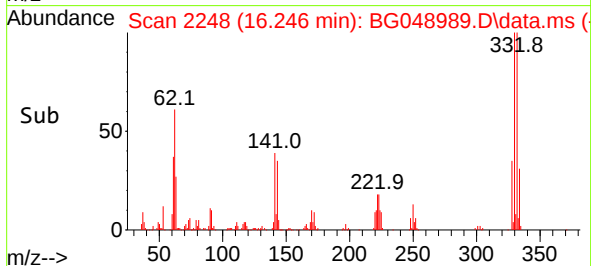


#67
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.460 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

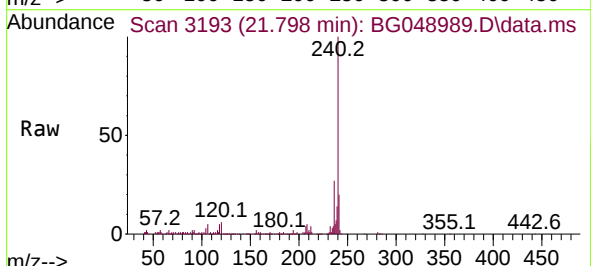
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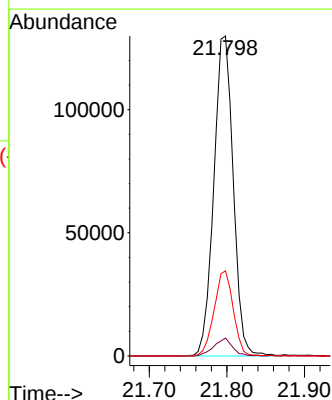
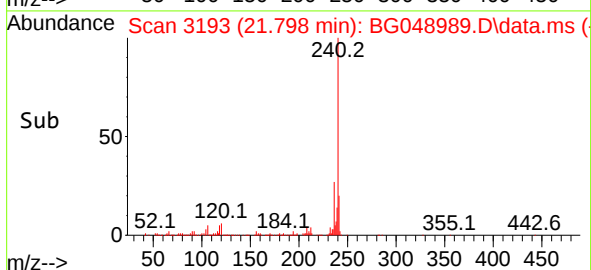
Tgt Ion:248 Resp: 12353
Ion Ratio Lower Upper
248 100
250 196.1 76.1 114.1#
141 602.7 65.4 98.2#

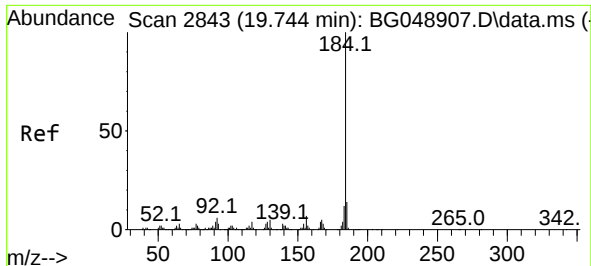


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3193
Delta R.T. -0.020 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47



Tgt Ion:240 Resp: 226667
Ion Ratio Lower Upper
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120 5.6 4.2 6.2
236 26.6 21.8 32.6

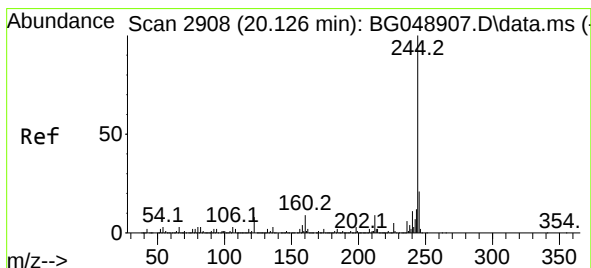
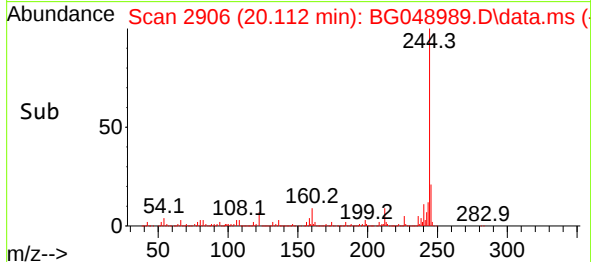
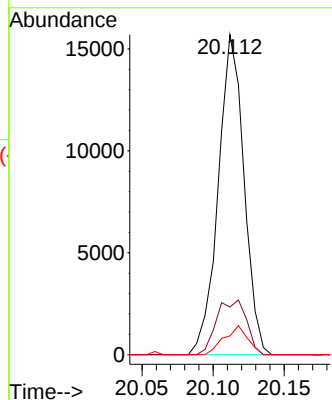
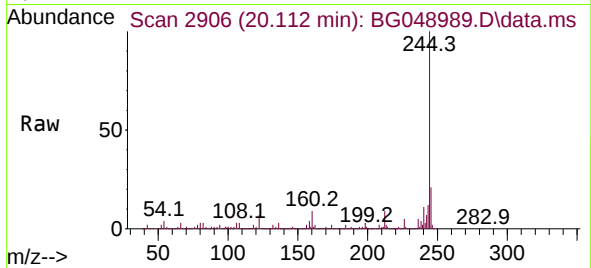




#77
Benzidine
Concen: 4.33 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.368 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

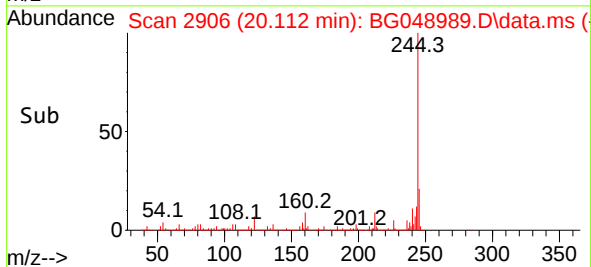
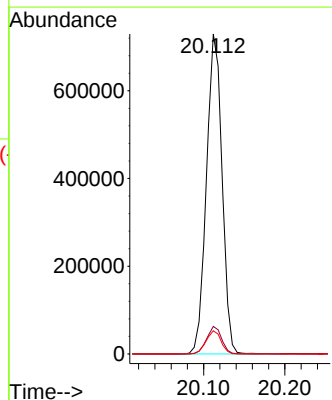
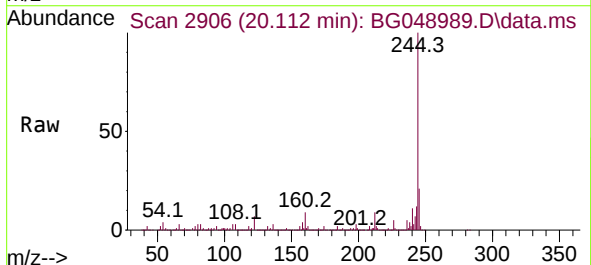
Instrument :
BNA_G
ClientSampled :
17-B6(56-60)

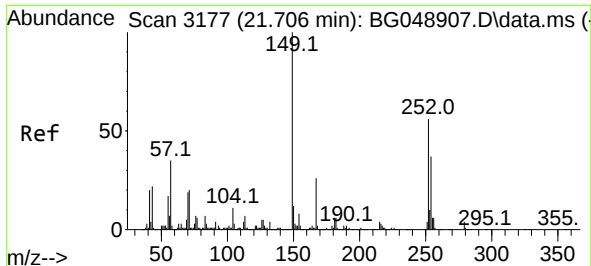
Tgt Ion:184 Resp: 19764
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 5.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 78.46 ng
RT: 20.112 min Scan# 2906
Delta R.T. -0.014 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Tgt Ion:244 Resp: 971040
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 7.2 5.0 7.6

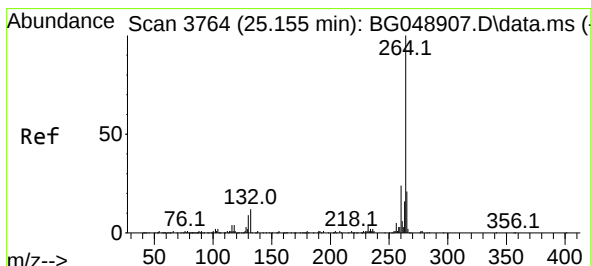
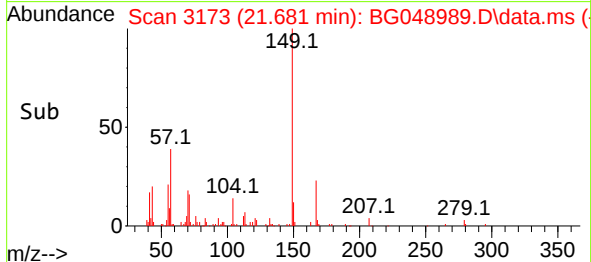
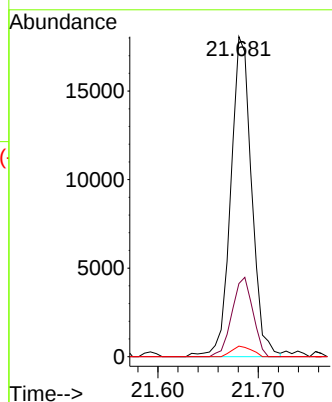
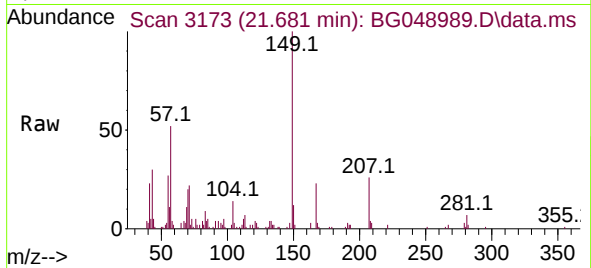




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.95 ng
RT: 21.681 min Scan# 3173
Delta R.T. -0.026 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Instrument :
BNA_G
ClientSampleId :
17-B6(56-60)

Tgt Ion:149 Resp: 26066
Ion Ratio Lower Upper
149 100
167 22.9 22.3 33.5
279 3.3 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.130 min Scan# 3760
Delta R.T. -0.026 min
Lab File: BG048989.D
Acq: 15 Jun 2021 22:47

Tgt Ion:264 Resp: 237047
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 20.5 16.9 25.3

