

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048985.D
 Acq On : 15 Jun 2021 20:03
 Operator : CG/JU
 Sample : M2672-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(40-44)

Quant Time: Jun 16 01:02:13 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)

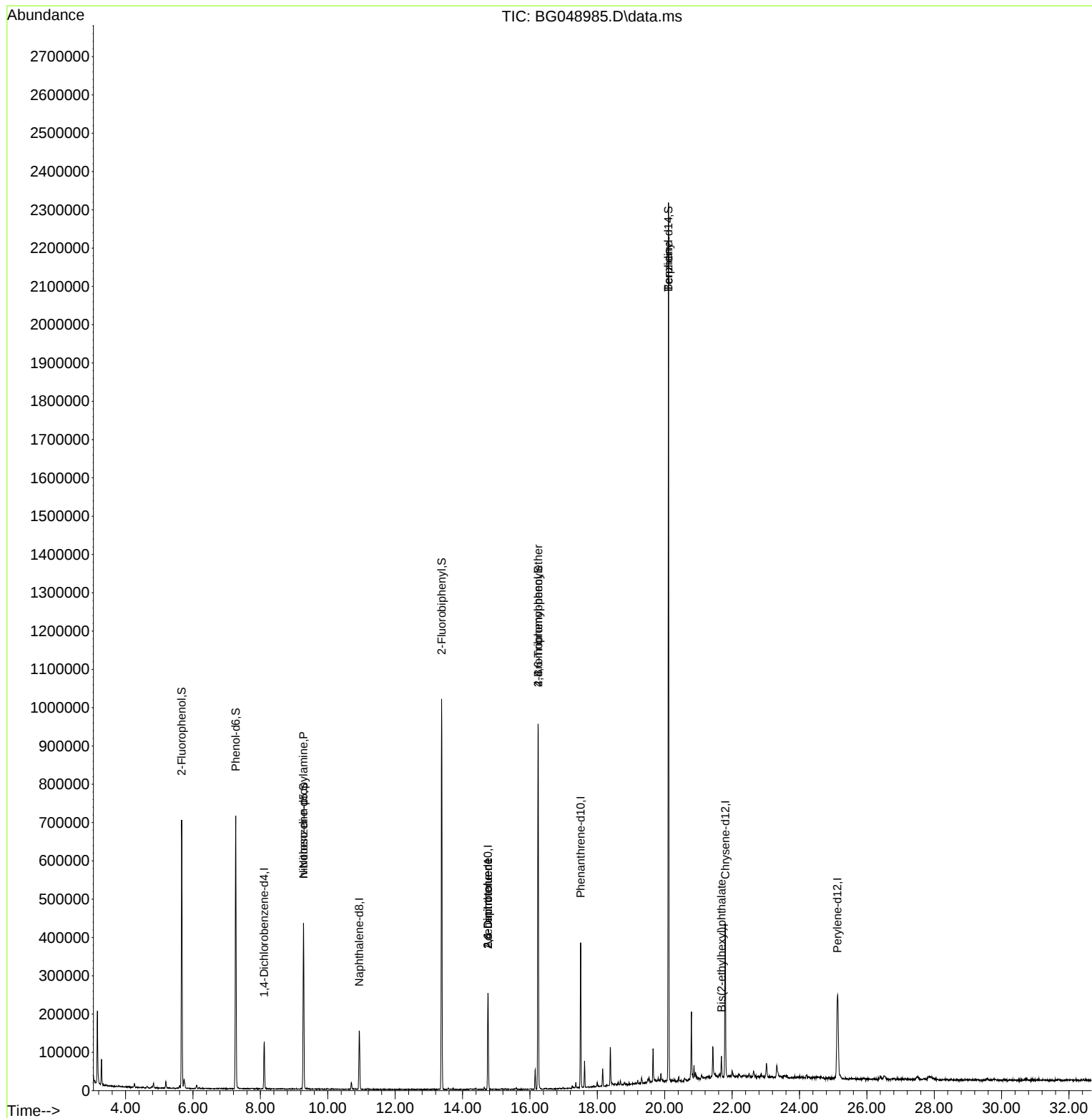
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	30649	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	124388	20.00	ng	#-0.01
39) Acenaphthene-d10	14.754	164	93593	20.00	ng	-0.01
64) Phenanthrene-d10	17.503	188	236809	20.00	ng	#-0.01
76) Chrysene-d12	21.798	240	258103	20.00	ng	-0.02
86) Perylene-d12	25.124	264	274097	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	271649	137.97	ng	0.00
7) Phenol-d6	7.268	99	361529	122.51	ng	0.00
23) Nitrobenzene-d5	9.278	82	253869	88.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	187572	135.27	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	520454	78.56	ng	-0.01
79) Terphenyl-d14	20.112	244	1041016	73.87	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	37815	16.39	ng	# 74
51) 2,6-Dinitrotoluene	14.754	165	12198	8.22	ng	# 11
57) 2,4-Dinitrotoluene	14.754	165	12198	6.69	ng	# 17
67) 4-Bromophenyl-phenylether	16.246	248	12418	4.20	ng	# 1
77) Benzidine	20.112	184	20649	3.97	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.687	149	21765	2.16	ng	97

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

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Instrument :
BNA_G
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17-B6(40-44)

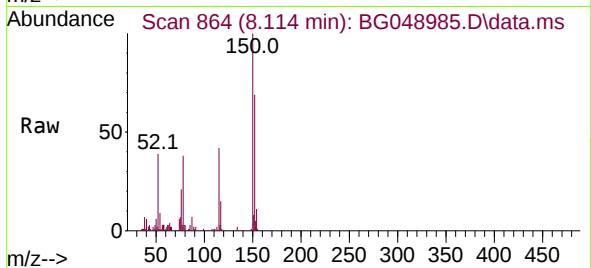
Quant Time: Jun 16 01:02:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration



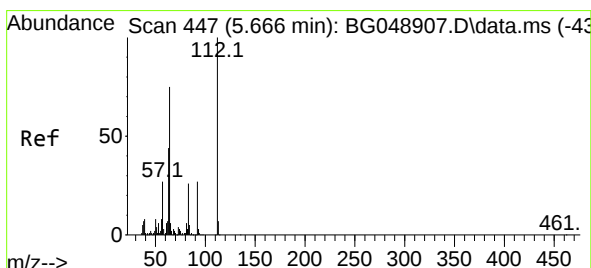
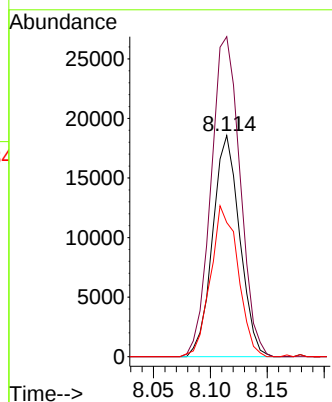
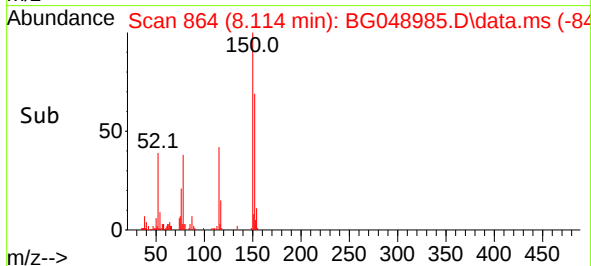


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 864
Delta R.T. -0.008 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

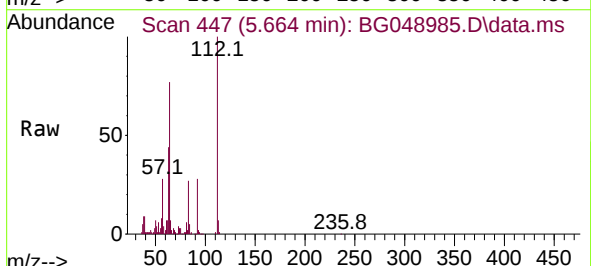
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)



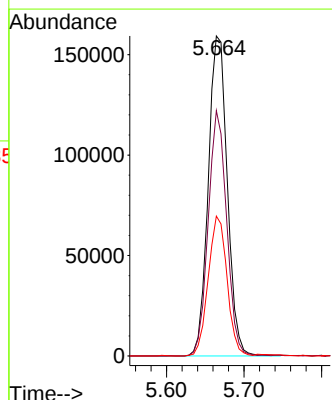
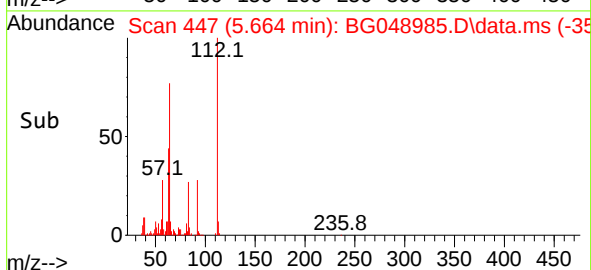
Tgt Ion:152 Resp: 30649
Ion Ratio Lower Upper
152 100
150 144.7 119.4 179.0
115 60.6 60.2 90.4

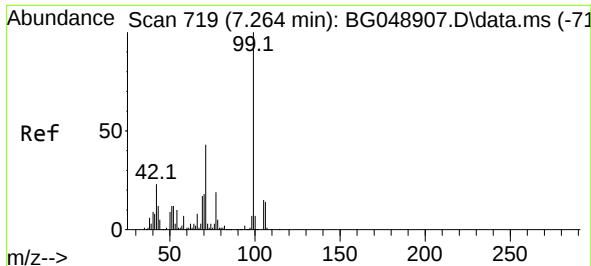


#5
2-Fluorophenol
Concen: 137.97 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03



Tgt Ion:112 Resp: 271649
Ion Ratio Lower Upper
112 100
64 76.7 46.7 70.1#
63 43.7 35.3 52.9

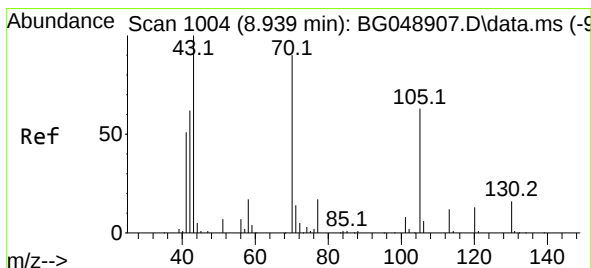
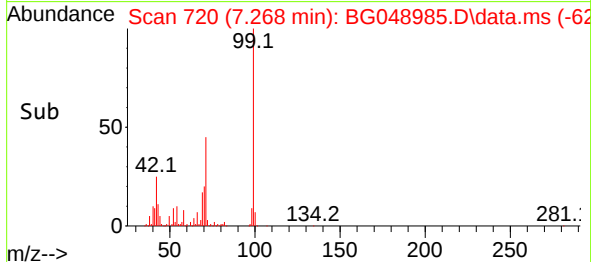
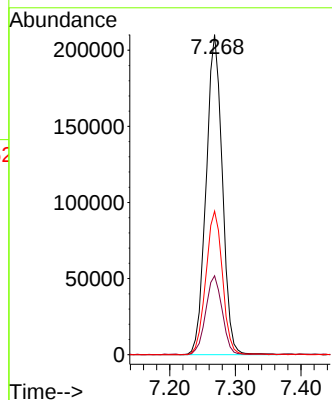
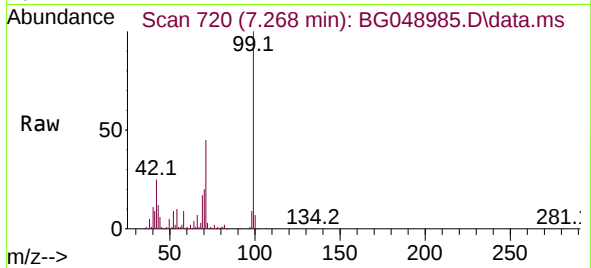




#7
Phenol-d6
Concen: 122.51 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.004 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

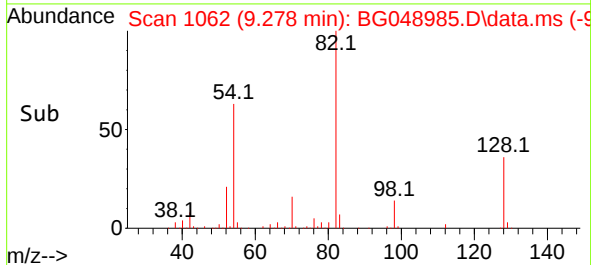
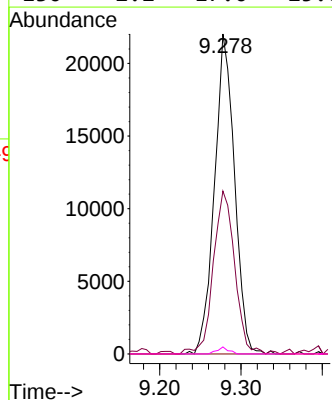
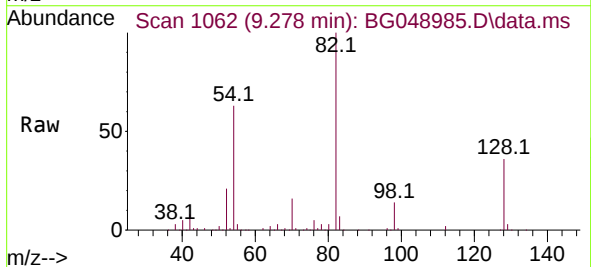
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

Tgt Ion: 99 Resp: 361529
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 44.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.339 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 70 Resp: 37815
Ion Ratio Lower Upper
70 100
42 50.9 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#

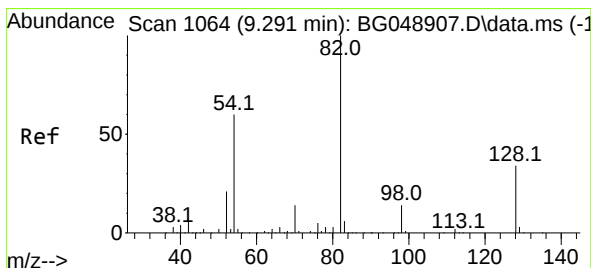
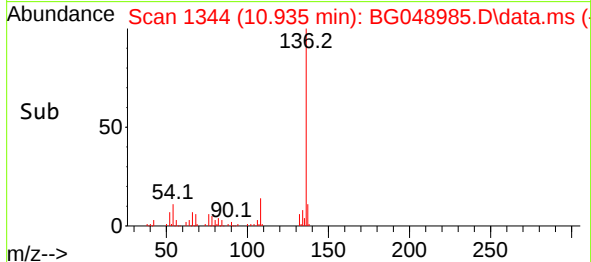
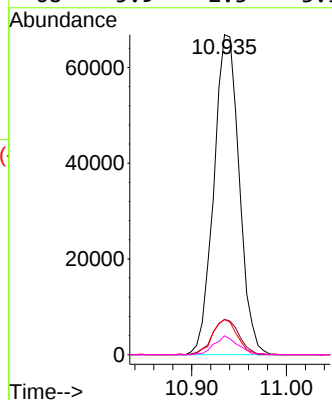
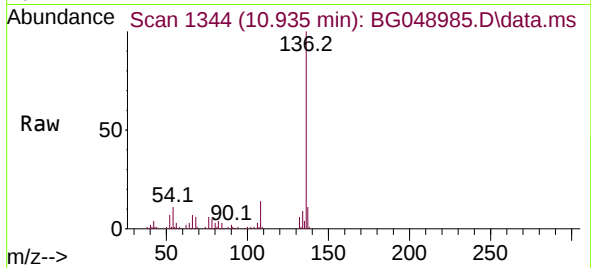




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.013 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

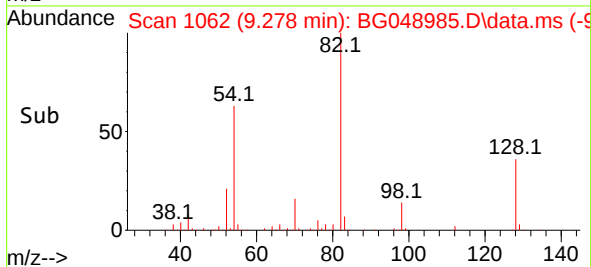
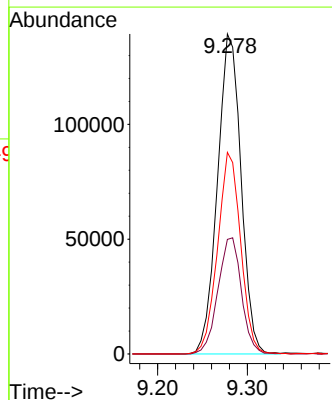
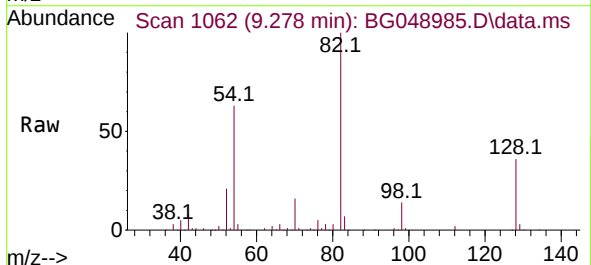
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

Tgt Ion:136	Resp:	124388
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	10.9	5.5 8.3#
68	5.9	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 88.01 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.013 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 82	Resp:	253869
Ion Ratio	Lower	Upper
82	100	
128	35.8	29.8 44.6
54	63.0	45.8 68.8

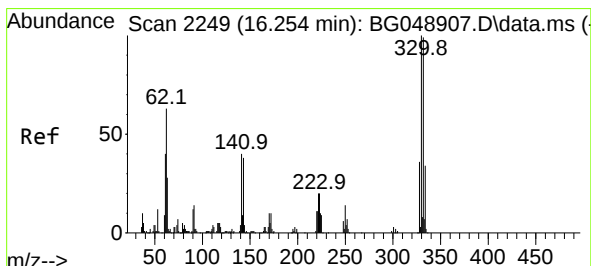
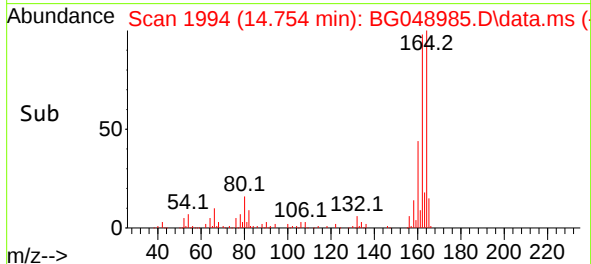
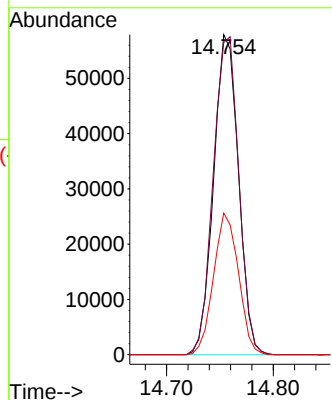
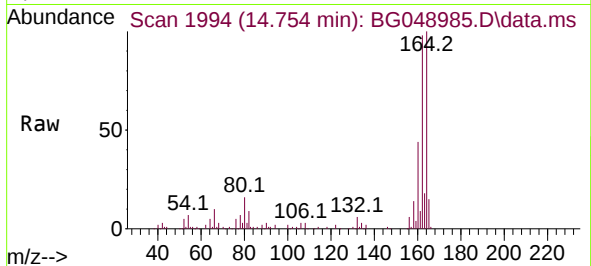




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.013 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

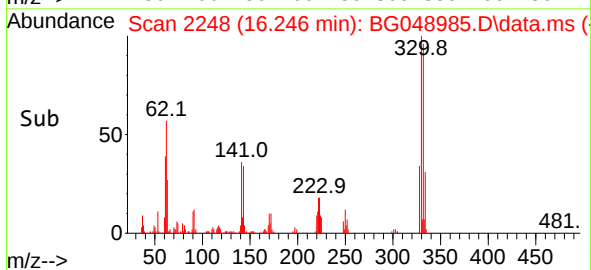
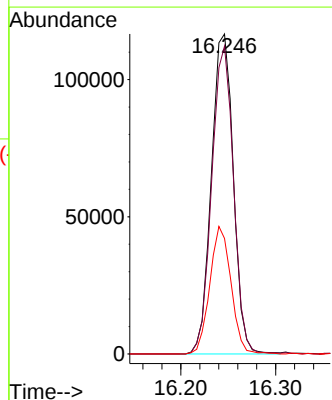
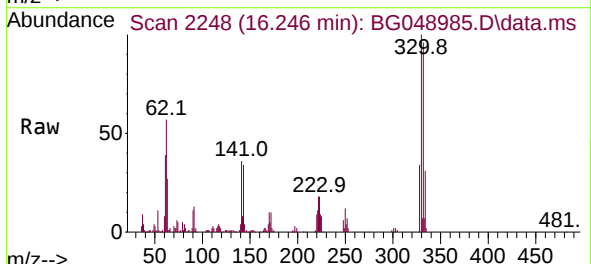
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

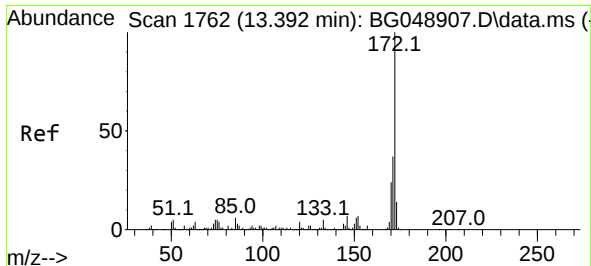
Tgt Ion:164 Resp: 93593
Ion Ratio Lower Upper
164 100
162 97.6 81.4 122.0
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 135.27 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.008 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Tgt Ion:330 Resp: 187572
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 38.5 35.6 53.4

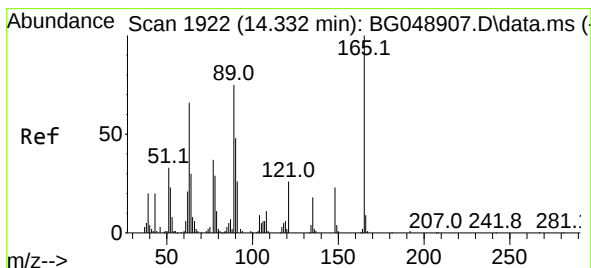
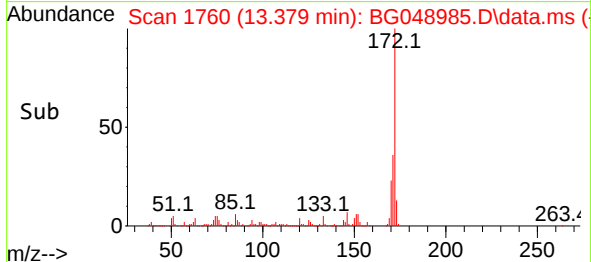
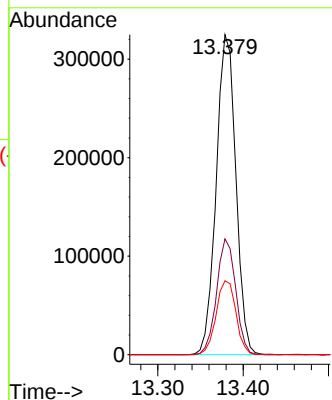
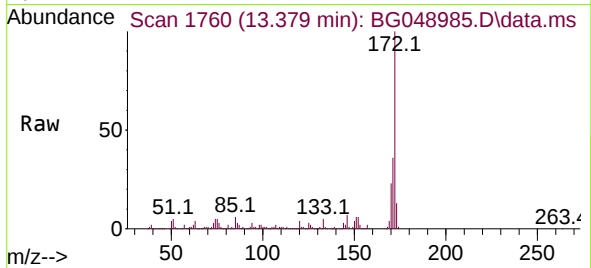




#45
2-Fluorobiphenyl
Concen: 78.56 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.013 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

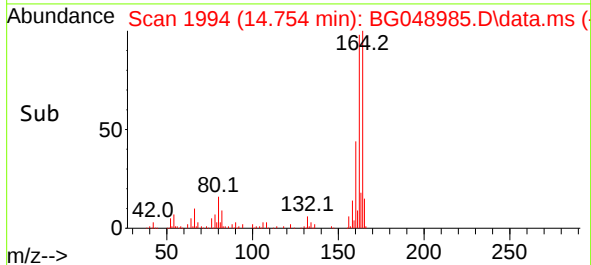
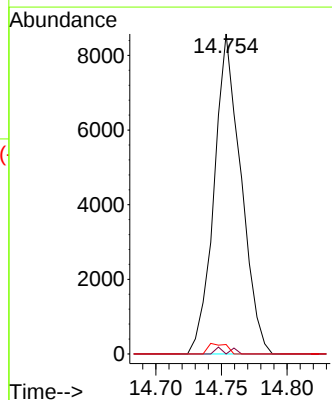
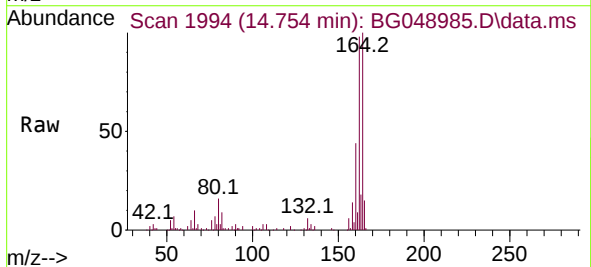
Instrument :
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17-B6(40-44)

Tgt Ion:	172	Resp:	520454
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	23.1	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 14.754 min Scan# 1994
Delta R.T. 0.421 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

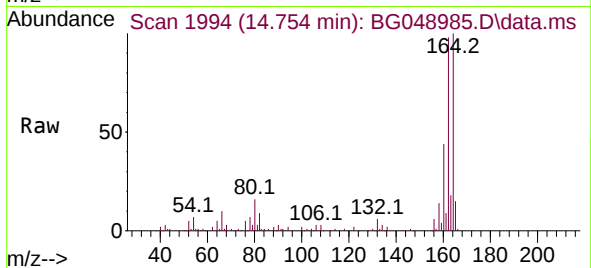
Tgt Ion:	165	Resp:	12198
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	3.0	63.4	95.0#



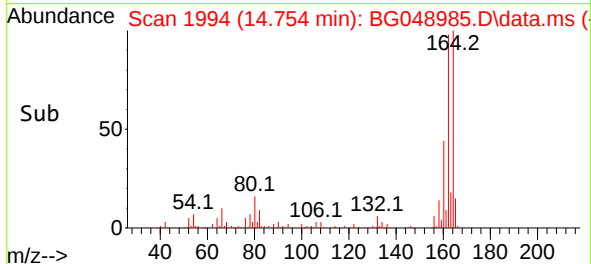
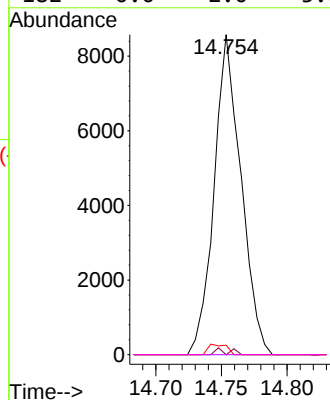


#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.366 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

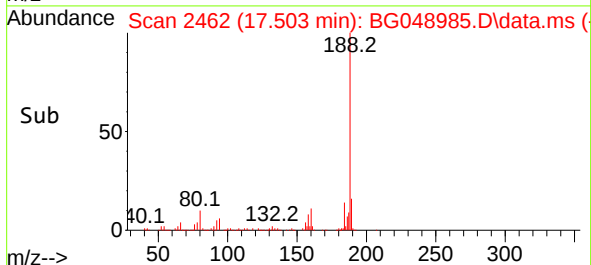
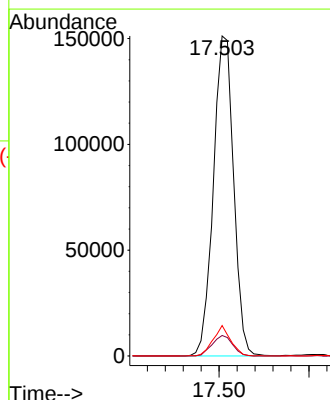
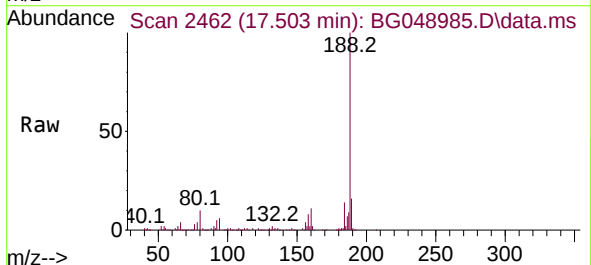


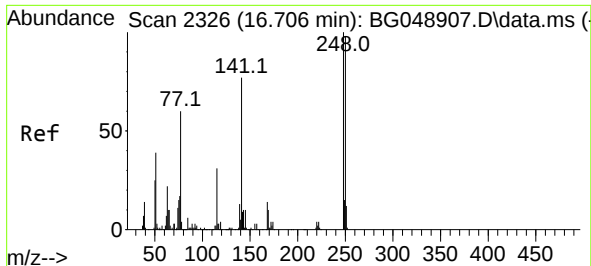
Tgt Ion:165 Resp: 12198
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.014 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Tgt Ion:188 Resp: 236809
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 9.5 3.7 5.5#

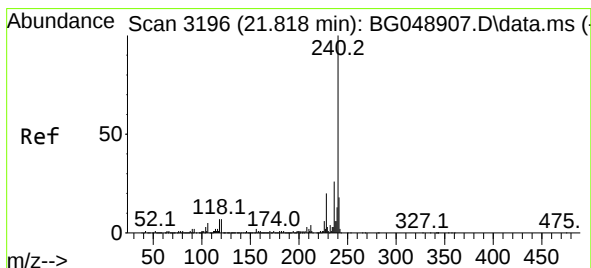
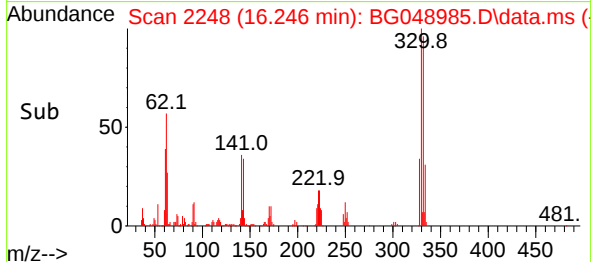
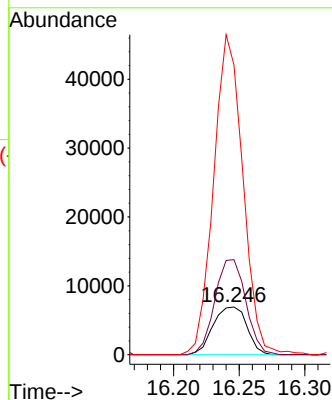
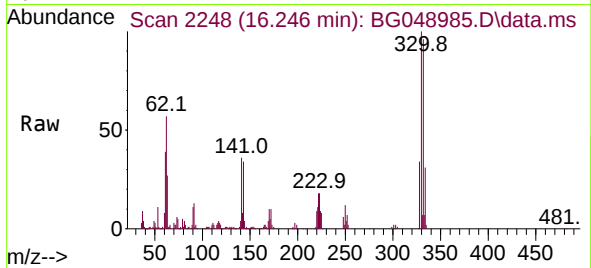




#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.460 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

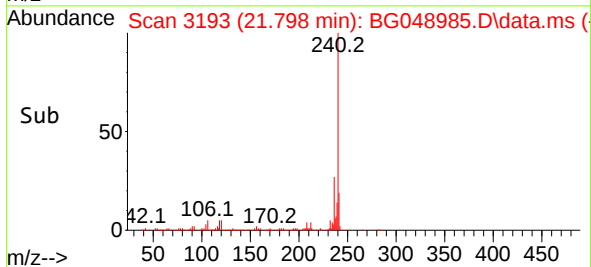
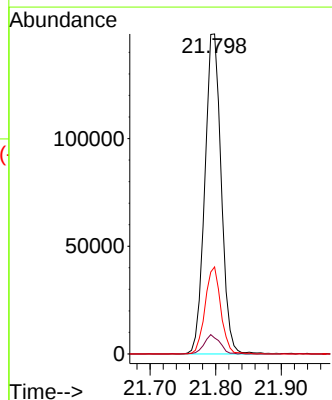
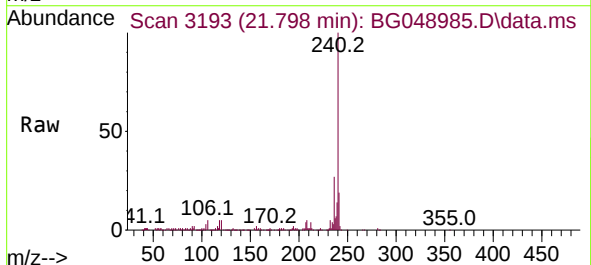
Instrument :
BNA_G
ClientSampled :
17-B6(40-44)

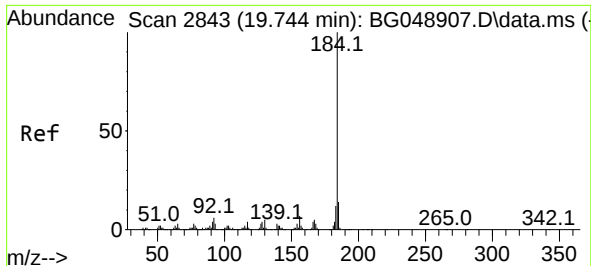
Tgt Ion:248 Resp: 12418
Ion Ratio Lower Upper
248 100
250 198.9 76.1 114.1#
141 607.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3193
Delta R.T. -0.020 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Tgt Ion:240 Resp: 258103
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 27.2 21.8 32.6

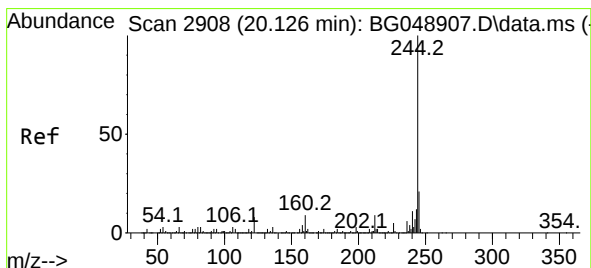
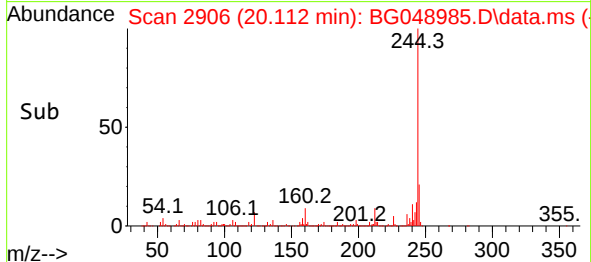
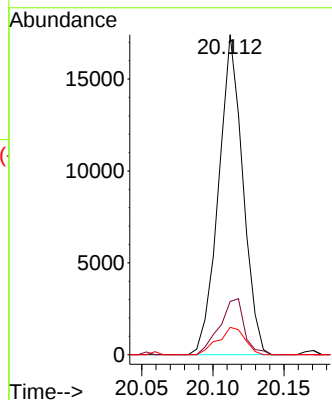
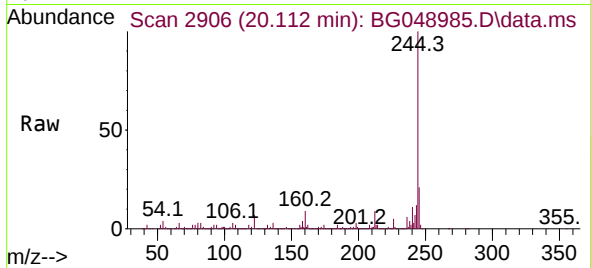




#77
Benzidine
Concen: 3.97 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.368 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

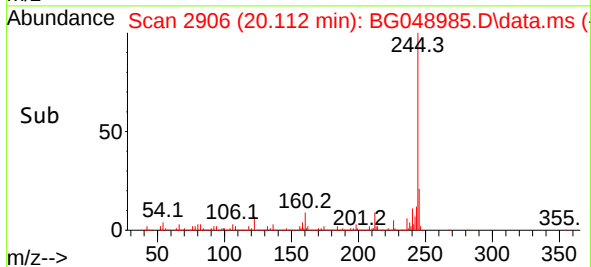
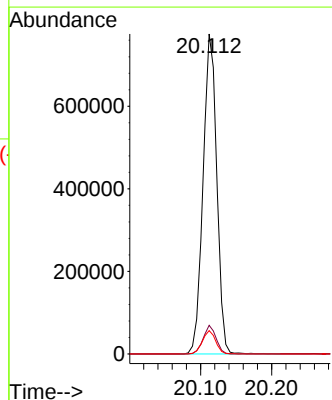
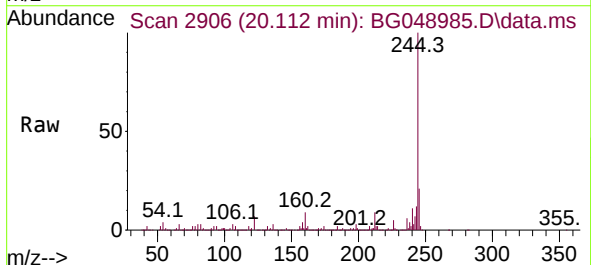
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

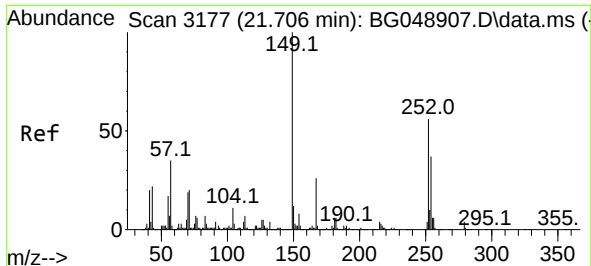
Tgt Ion:184 Resp: 20649
Ion Ratio Lower Upper
184 100
185 16.6 10.7 16.1#
183 8.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 73.87 ng
RT: 20.112 min Scan# 2906
Delta R.T. -0.014 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Tgt Ion:244 Resp: 1041016
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 7.3 5.0 7.6

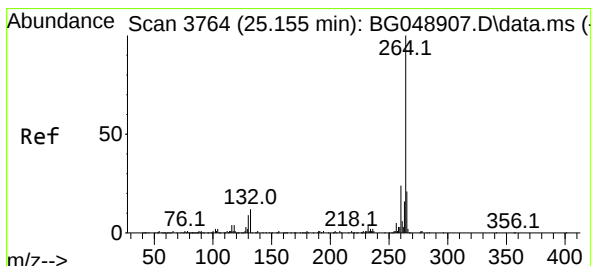
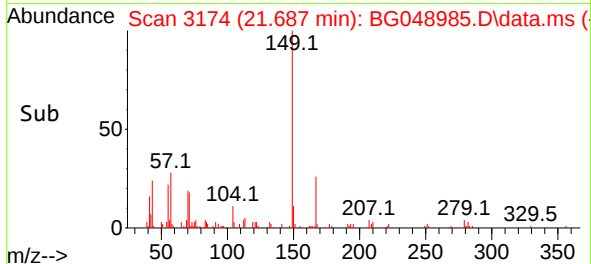
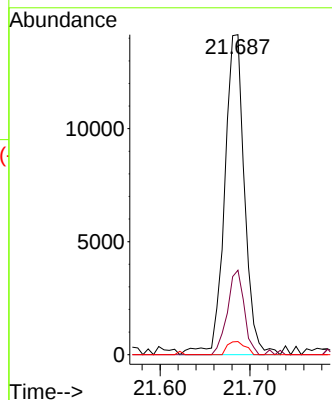
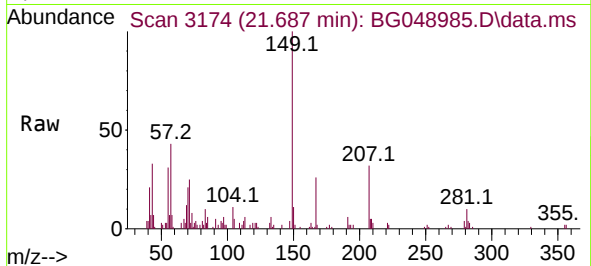




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 21.687 min Scan# 3174
Delta R.T. -0.020 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

Tgt Ion:149 Resp: 21765
Ion Ratio Lower Upper
149 100
167 26.4 22.3 33.5
279 4.1 3.8 5.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.124 min Scan# 3759
Delta R.T. -0.031 min
Lab File: BG048985.D
Acq: 15 Jun 2021 20:03

Tgt Ion:264 Resp: 274097
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 20.1 16.9 25.3

