

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050550.D
 Acq On : 12 Oct 2021 12:58
 Operator : CG/JU
 Sample : M4077-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-26

Quant Time: Oct 12 14:00:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

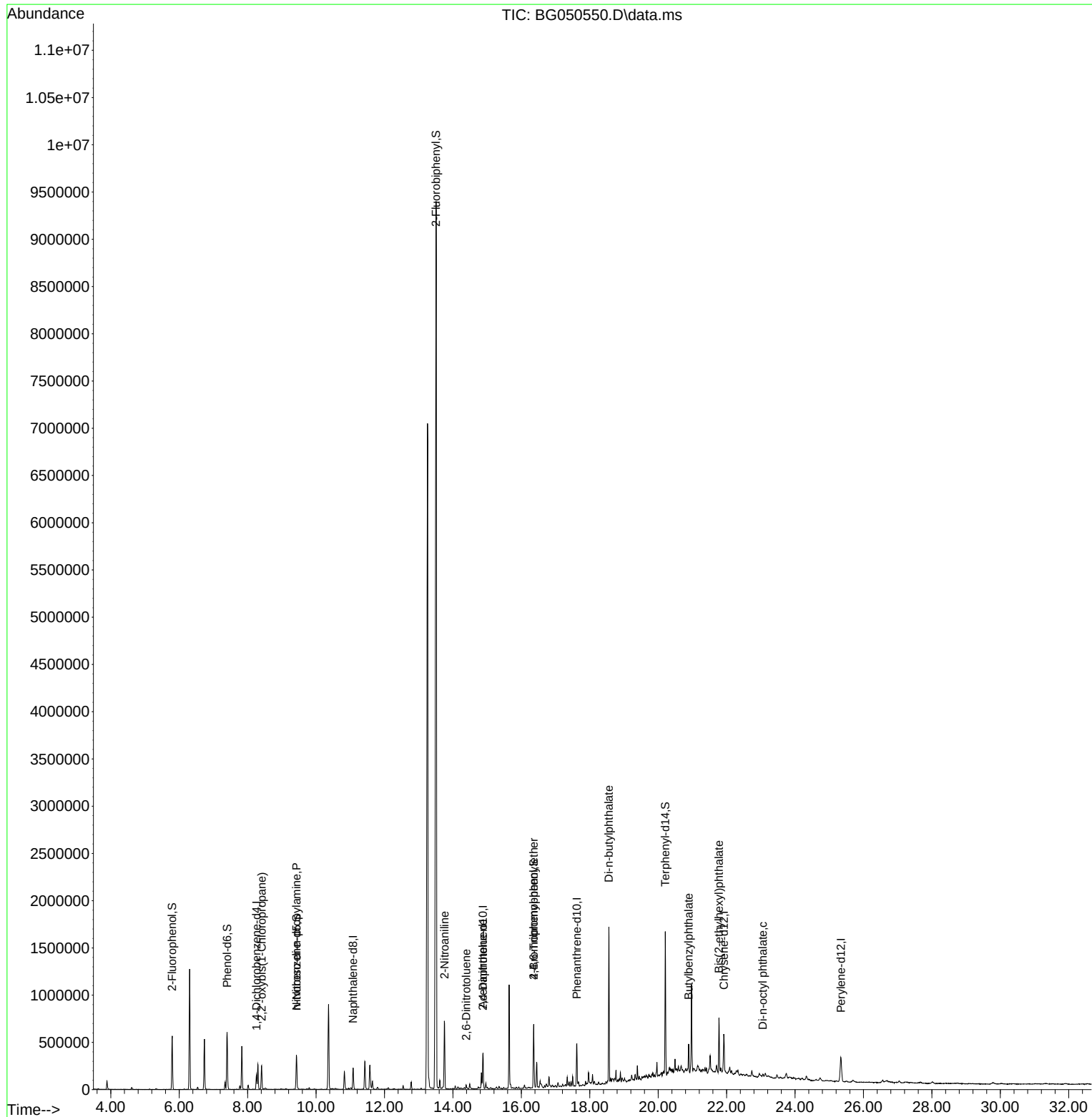
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	38968	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	181795	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	129020	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	278062	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	240112	20.000	ng	# 0.00
86) Perylene-d12	25.338	264	245149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	240649	92.358	ng	0.00
7) Phenol-d6	7.400	99	345810	91.666	ng	0.00
23) Nitrobenzene-d5	9.427	82	234103	53.307	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	93095	75.649	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	389795	45.470	ng	0.00
79) Terphenyl-d14	20.209	244	665397	54.006	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.395	77	2022	Below Cal	#	59
16) 2,2'-oxybis(1-Chloropr...	8.411	45	11849	2.538	ng	76
19) n-Nitroso-di-n-propyla...	9.427	70	33347	12.128	ng	# 70
48) 2-Nitroaniline	13.758	65	15836	5.509	ng	# 21
51) 2,6-Dinitrotoluene	14.386	165	5511	2.821	ng	# 25
57) 2,4-Dinitrotoluene	14.874	165	17605	6.394	ng	# 21
67) 4-Bromophenyl-phenylether	16.361	248	7784	2.778	ng	# 1
74) Di-n-butylphthalate	18.558	149	1138342	66.841	ng	97
80) Butylbenzylphthalate	20.890	149	90165	12.513	ng	94
84) Bis(2-ethylhexyl)phtha...	21.778	149	240799	23.519	ng	# 97
85) Di-n-octyl phthalate	23.059	149	41404	2.425	ng	# 83

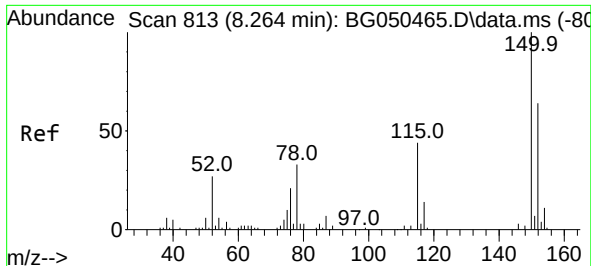
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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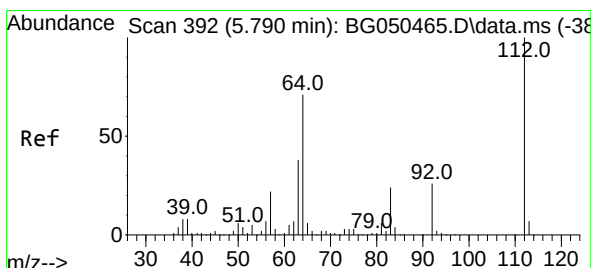
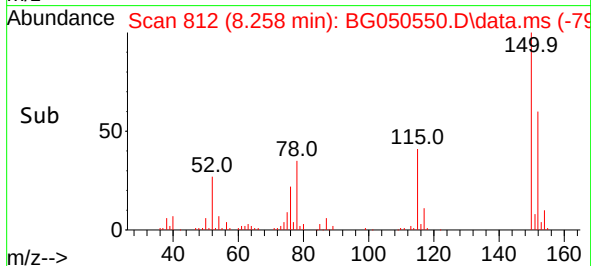
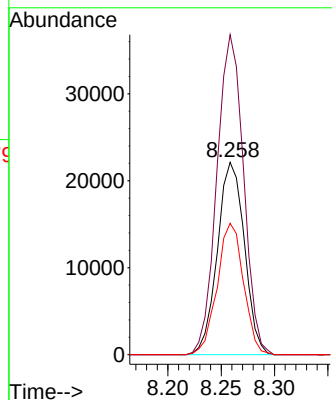
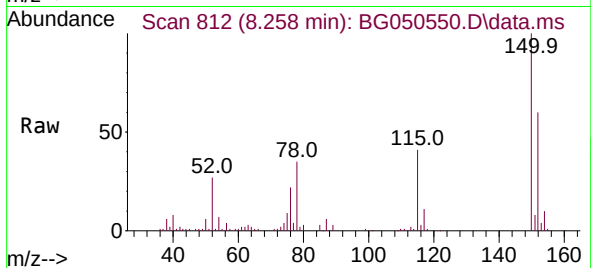




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

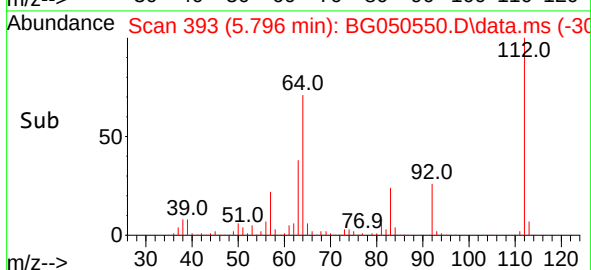
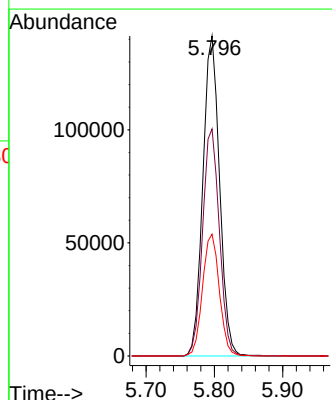
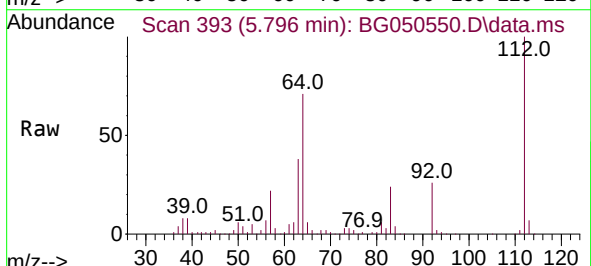
Instrument :
BNA_G
ClientSampleId :
CC-26

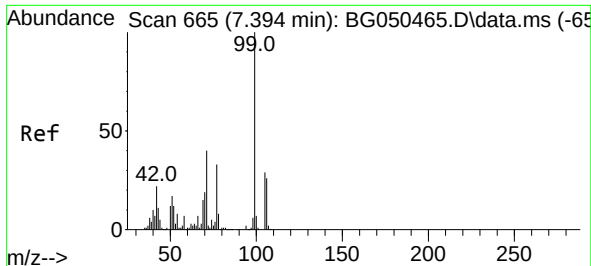
Tgt Ion:152 Resp: 38968
Ion Ratio Lower Upper
152 100
150 166.4 119.4 179.0
115 68.3 60.2 90.4



#5
2-Fluorophenol
Concen: 92.358 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion:112 Resp: 240649
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 38.1 35.3 52.9

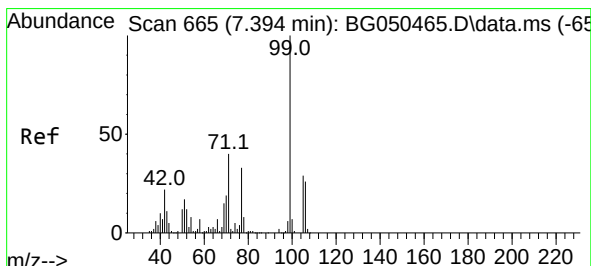
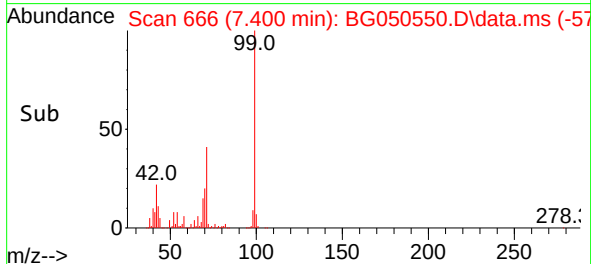
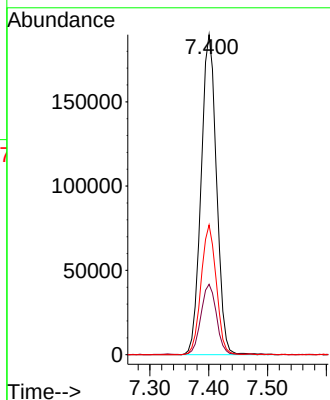
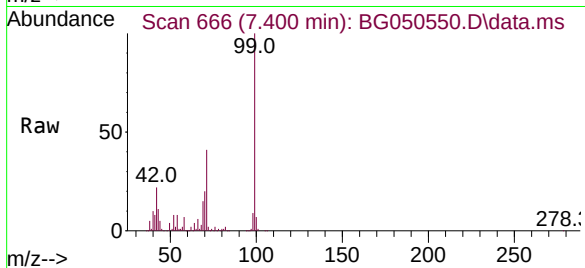




#7
Phenol-d6
Concen: 91.666 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

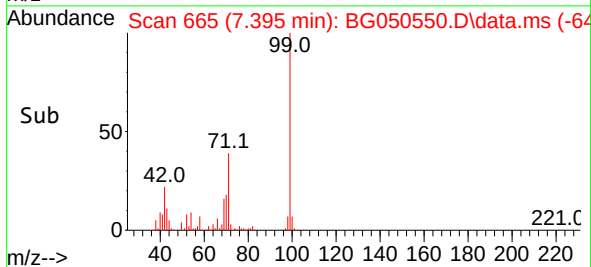
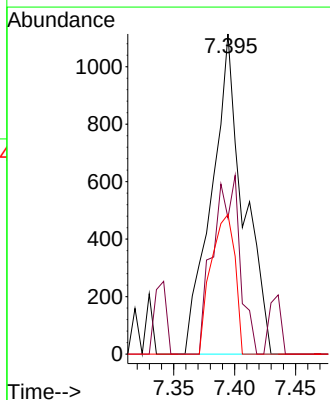
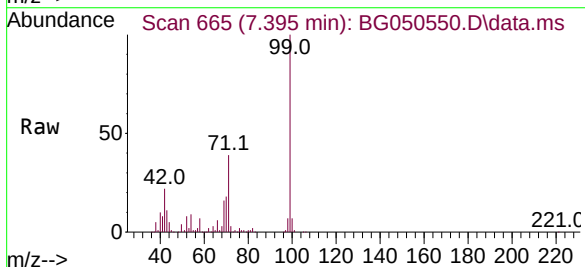
Instrument :
BNA_G
ClientSampleId :
CC-26

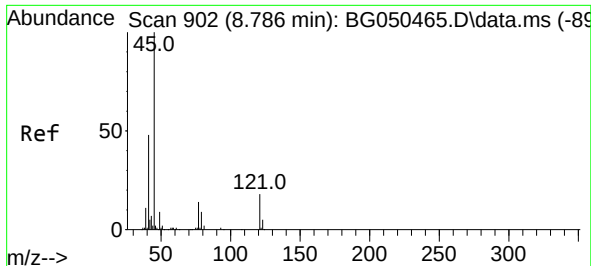
Tgt Ion: 99 Resp: 345810
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 40.5 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 77 Resp: 2022
Ion Ratio Lower Upper
77 100
105 42.5 68.8 108.8#
106 43.6 47.9 87.9#

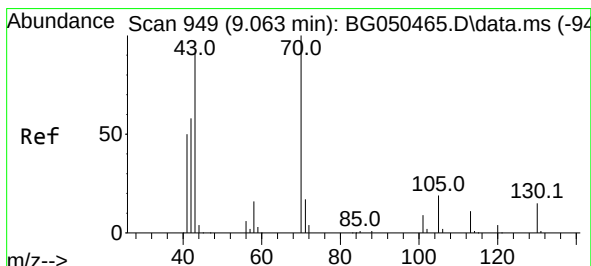
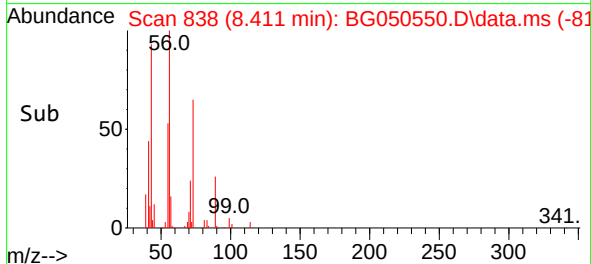
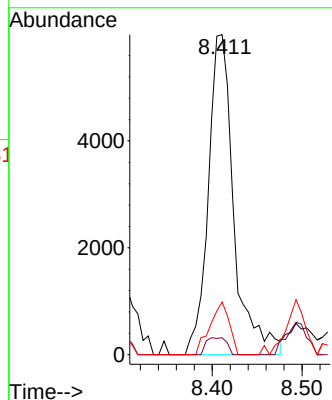
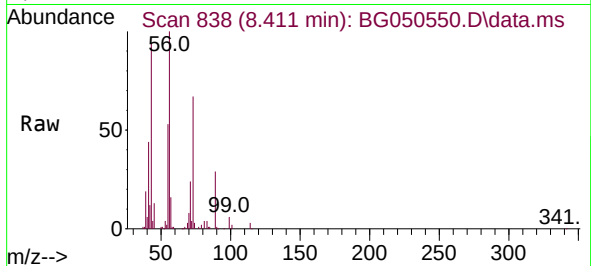




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.538 ng
RT: 8.411 min Scan# 838
Delta R.T. -0.375 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

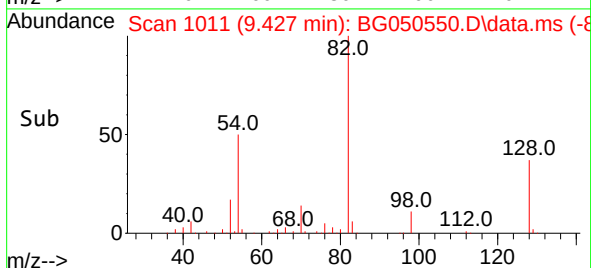
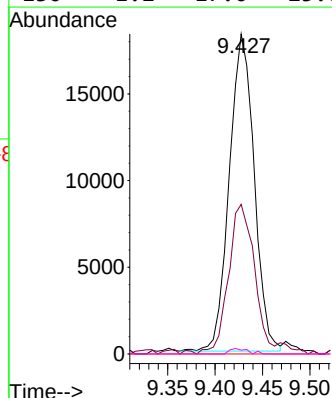
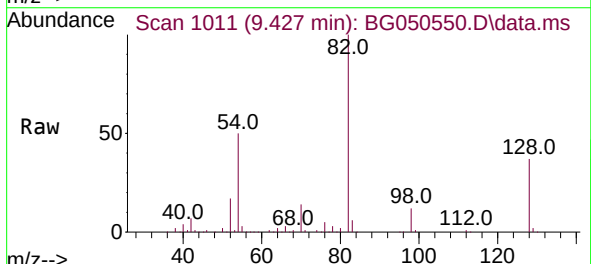
Instrument :
BNA_G
ClientSampled :
CC-26

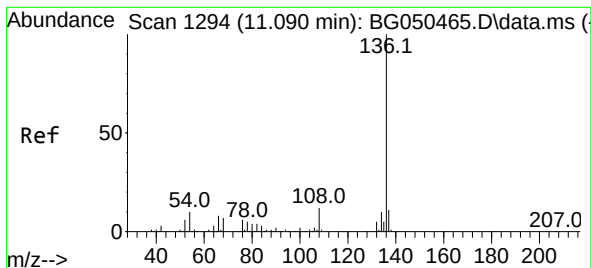
Tgt Ion: 45 Resp: 11849
Ion Ratio Lower Upper
45 100
77 5.3 2.2 42.2
79 16.5 0.0 34.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.128 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 70 Resp: 33347
Ion Ratio Lower Upper
70 100
42 46.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#

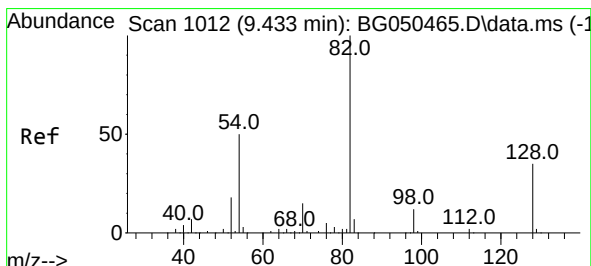
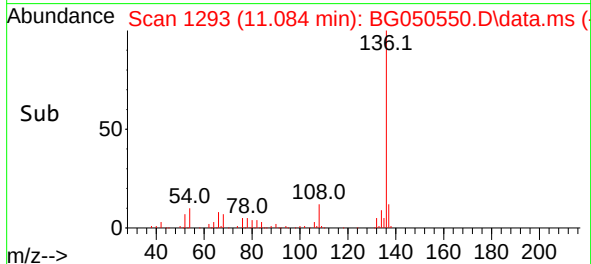
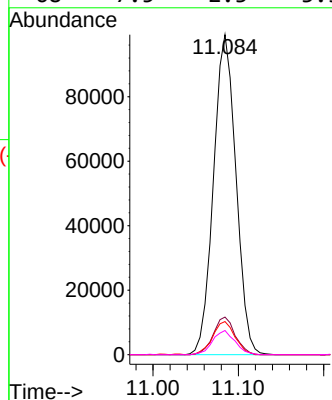
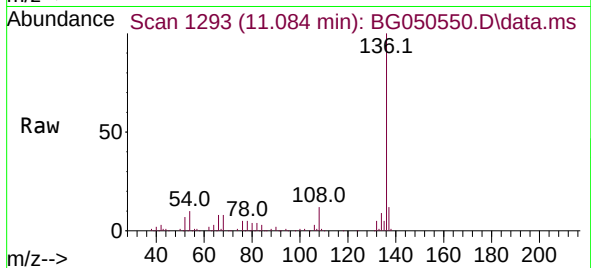




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

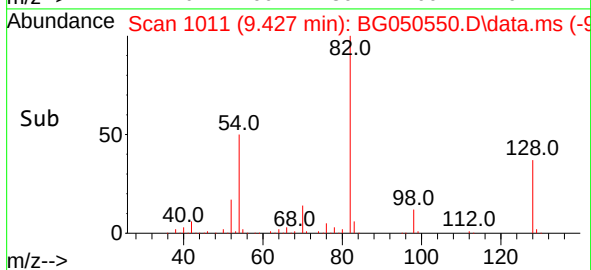
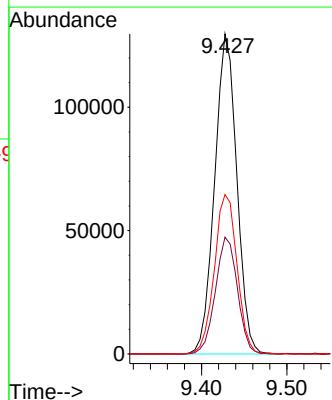
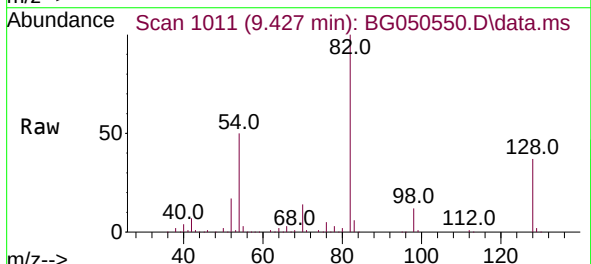
Instrument :
BNA_G
ClientSampleId :
CC-26

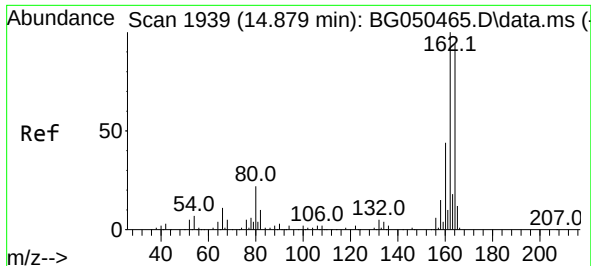
Tgt Ion:136	Resp: 181795
Ion Ratio	Lower Upper
136 100	
137 11.7	8.2 12.2
54 10.4	5.5 8.3#
68 7.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 53.307 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 82	Resp: 234103
Ion Ratio	Lower Upper
82 100	
128 36.5	29.8 44.6
54 49.8	45.8 68.8

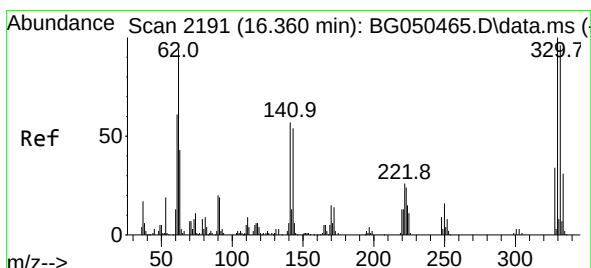
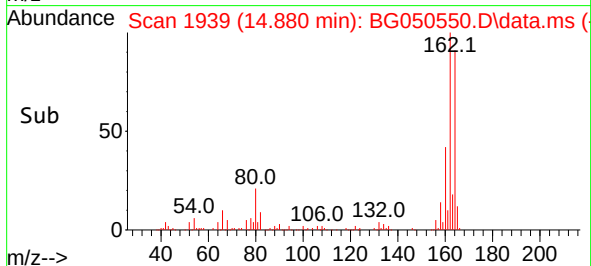
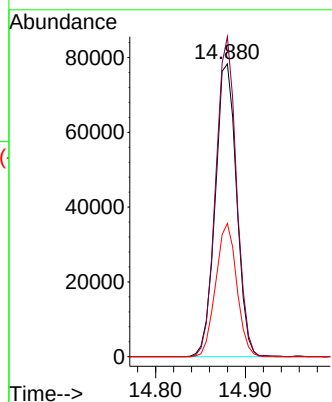
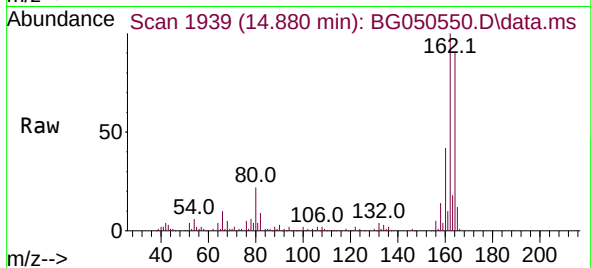




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

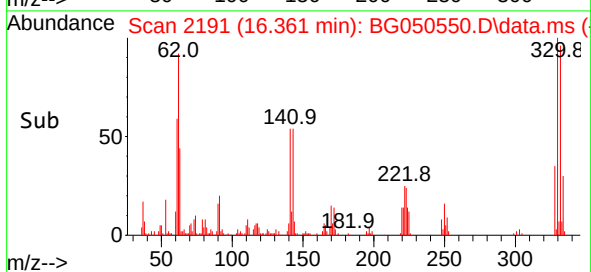
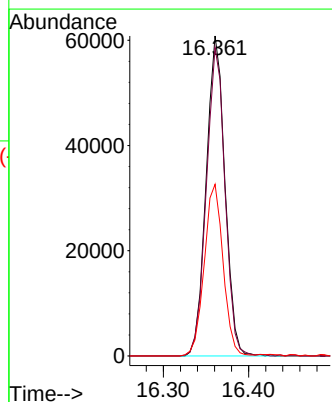
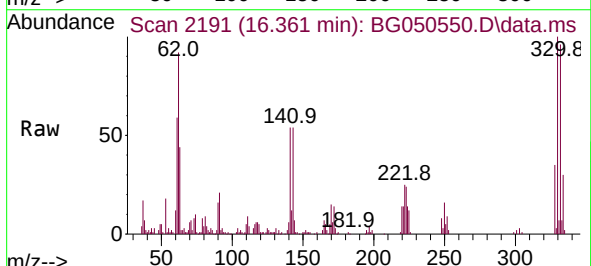
Instrument :
BNA_G
ClientSampleId :
CC-26

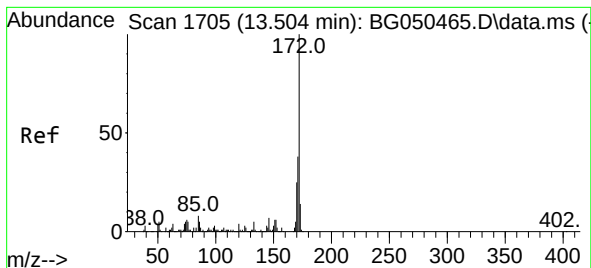
Tgt Ion:164 Resp: 129020
Ion Ratio Lower Upper
164 100
162 109.3 81.4 122.0
160 45.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 75.649 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion:330 Resp: 93095
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 53.9 35.6 53.4#

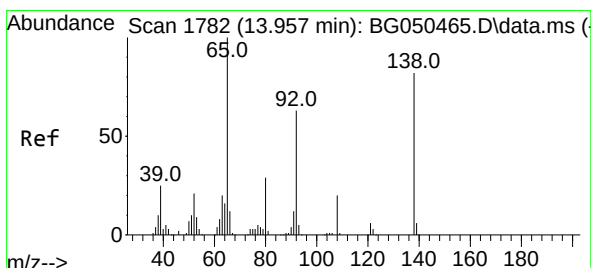
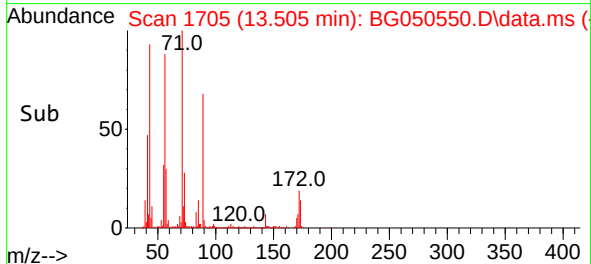
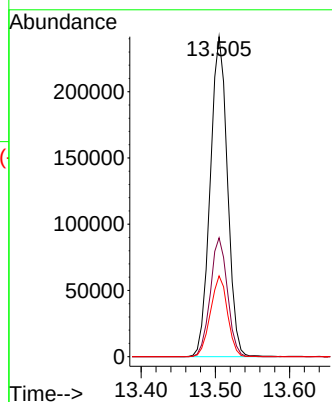
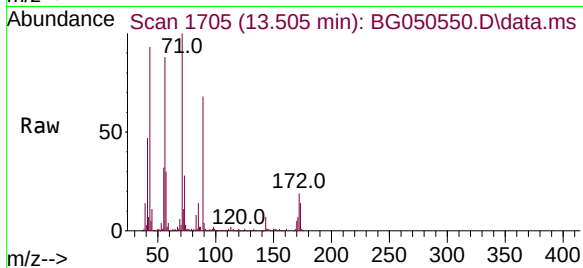




#45
2-Fluorobiphenyl
Concen: 45.470 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

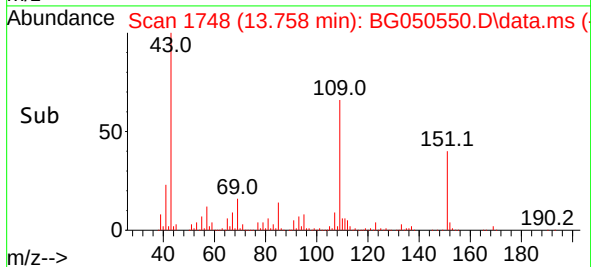
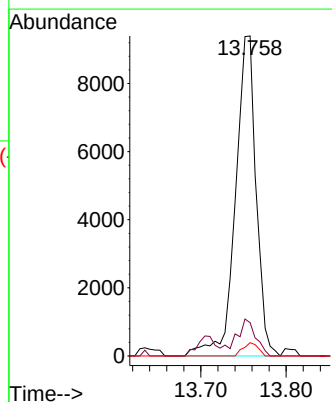
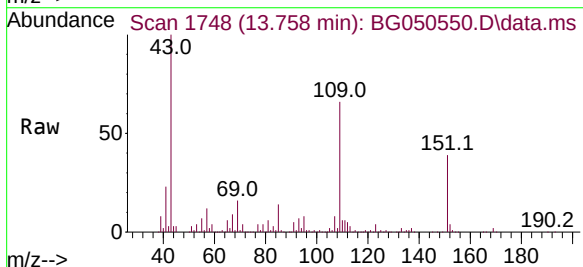
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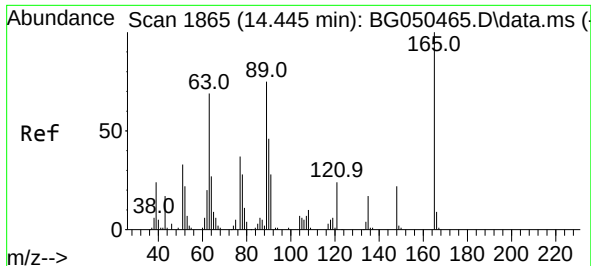
Tgt Ion:172 Resp: 389795
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 25.3 18.6 27.8



#48
2-Nitroaniline
Concen: 5.509 ng
RT: 13.758 min Scan# 1748
Delta R.T. -0.199 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 65 Resp: 15836
Ion Ratio Lower Upper
65 100
92 10.4 47.2 70.8#
138 4.1 68.0 102.0#

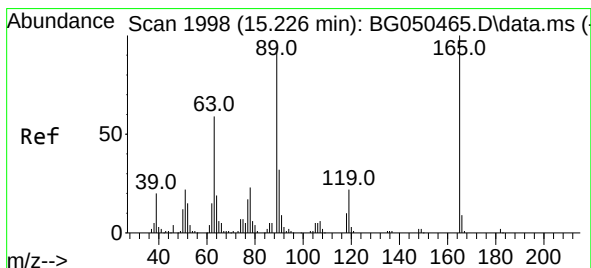
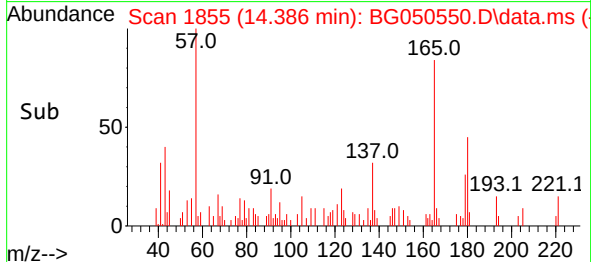
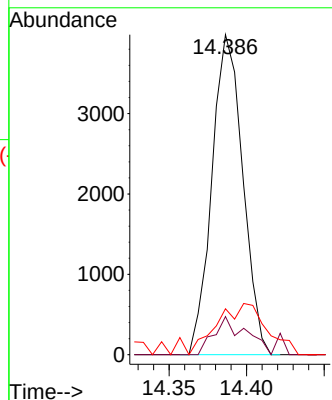
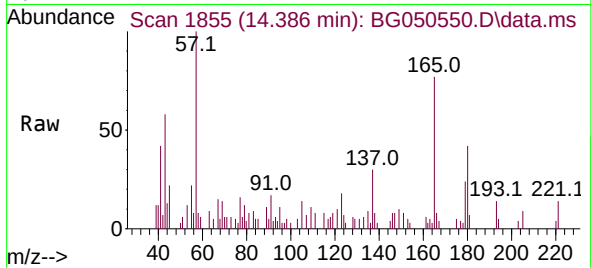




#51
2,6-Dinitrotoluene
Concen: 2.821 ng
RT: 14.386 min Scan# 1855
Delta R.T. -0.058 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

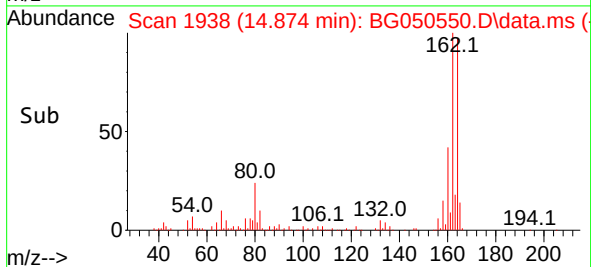
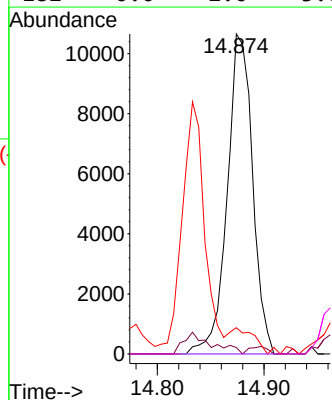
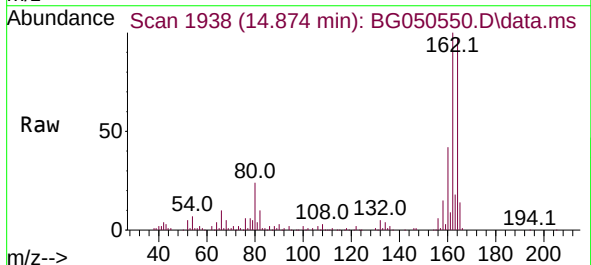
Instrument :
BNA_G
ClientSampled :
CC-26

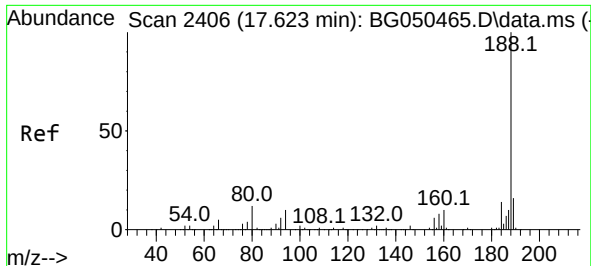
Tgt Ion:165 Resp: 5511
Ion Ratio Lower Upper
165 100
63 11.9 63.3 94.9#
89 14.3 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.394 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion:165 Resp: 17605
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 8.2 65.4 98.0#
182 0.0 2.0 3.0#

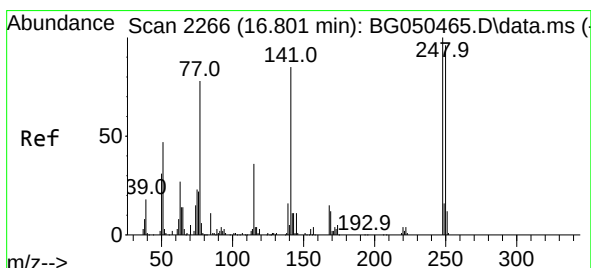
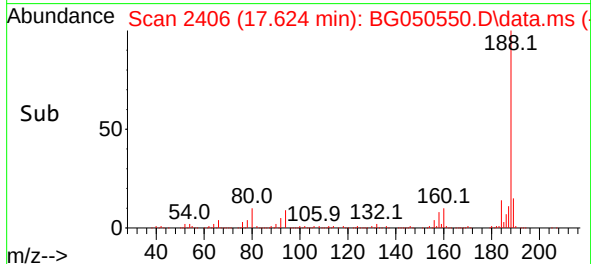
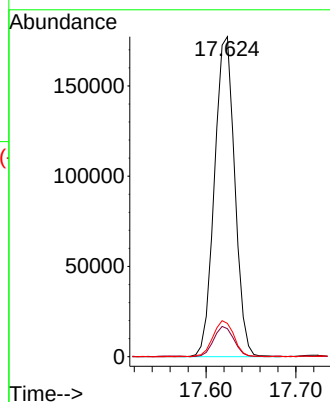
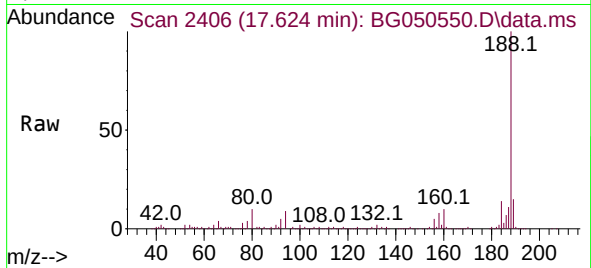




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

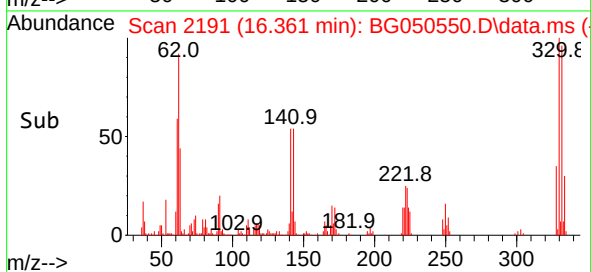
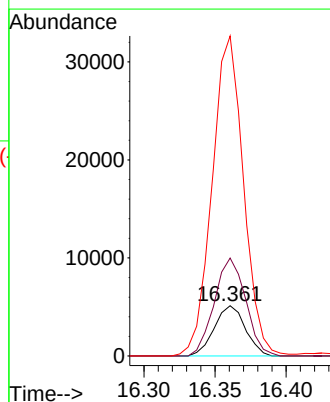
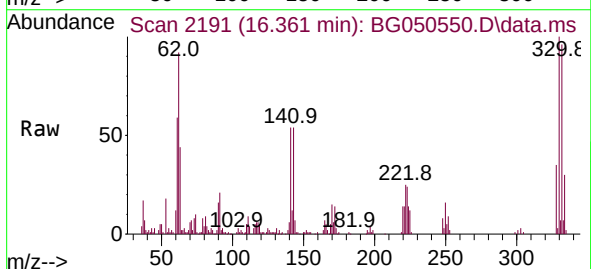
Instrument :
BNA_G
ClientSampleId :
CC-26

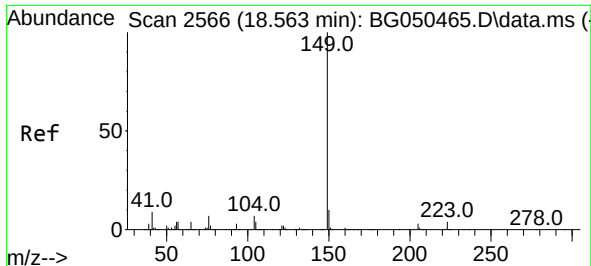
Tgt Ion:188 Resp: 278062
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 10.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.778 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion:248 Resp: 7784
Ion Ratio Lower Upper
248 100
250 194.6 76.1 114.1#
141 636.4 65.4 98.2#

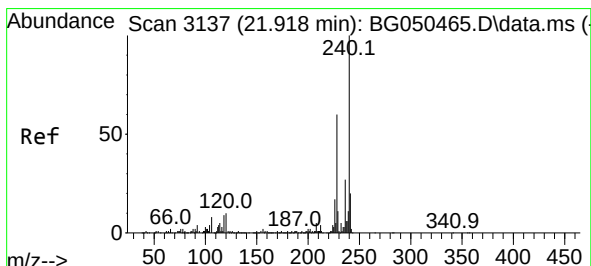
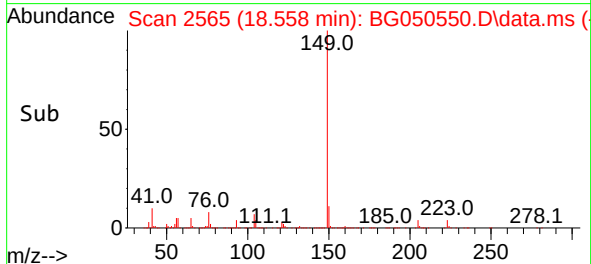
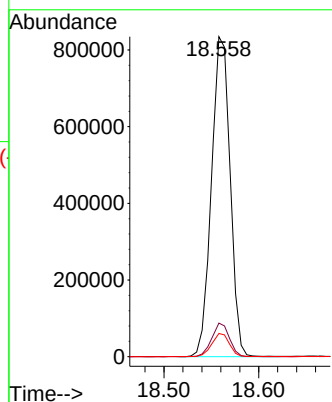
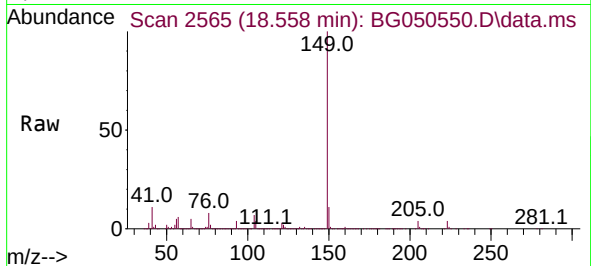




#74
Di-n-butylphthalate
Concen: 66.841 ng
RT: 18.558 min Scan# 2565
Delta R.T. -0.005 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

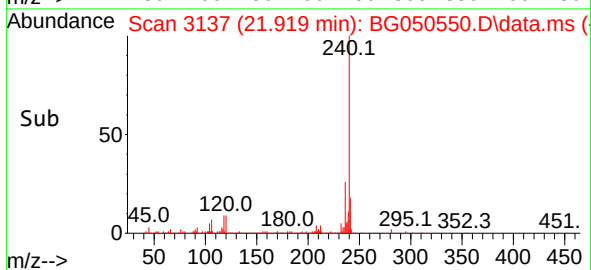
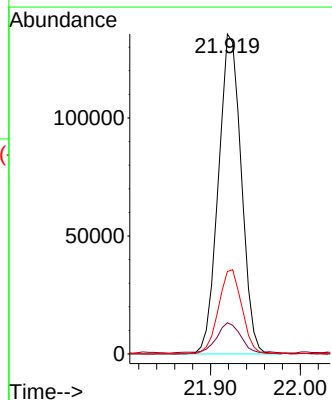
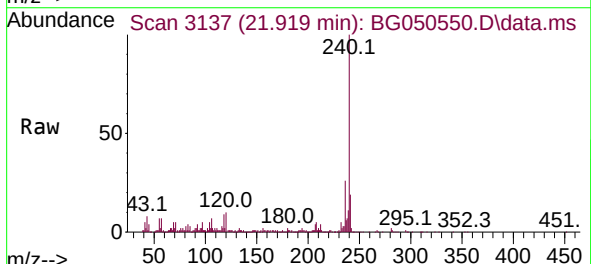
Instrument :
BNA_G
ClientSampleId :
CC-26

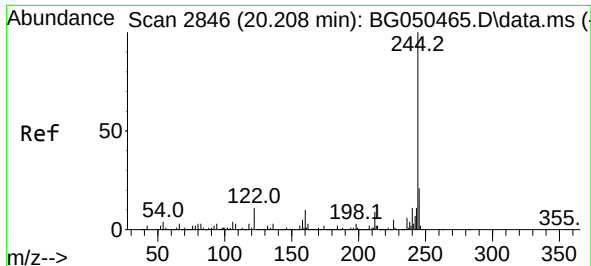
Tgt Ion:149 Resp: 1138342
Ion Ratio Lower Upper
149 100
150 10.5 7.5 11.3
104 7.3 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050550.D
Acq: 12 Oct 2021 12:58

Tgt Ion:240 Resp: 240112
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.7 21.8 32.6

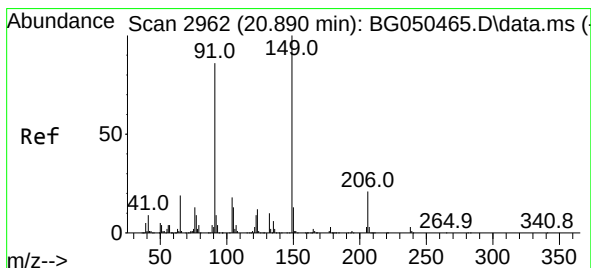
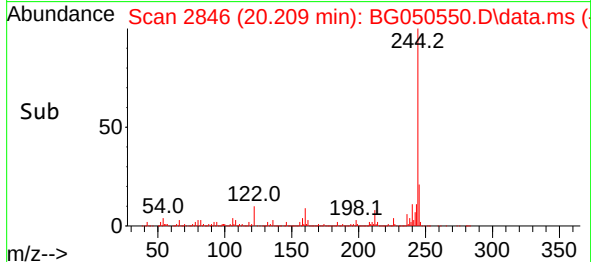
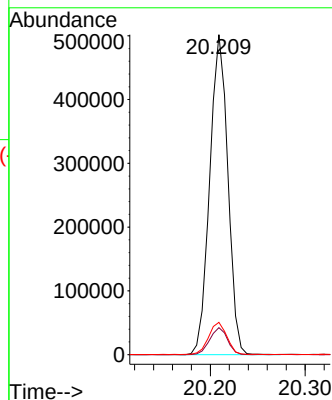
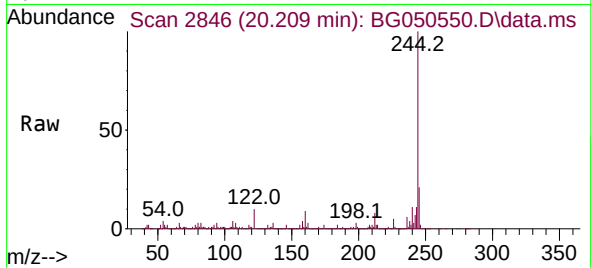




#79
 Terphenyl-d14
 Concen: 54.006 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050550.D
 Acq: 12 Oct 2021 12:58

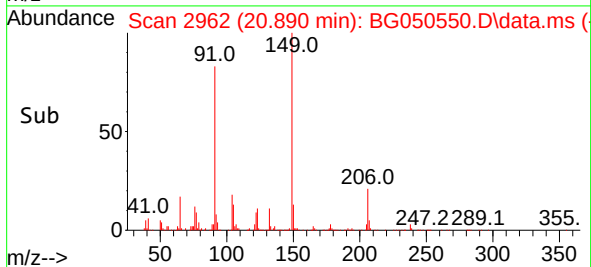
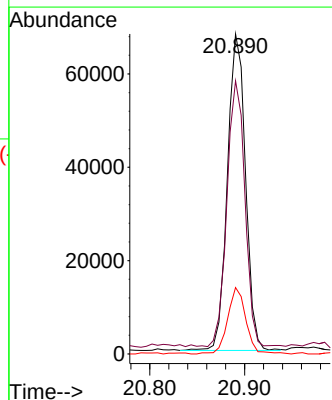
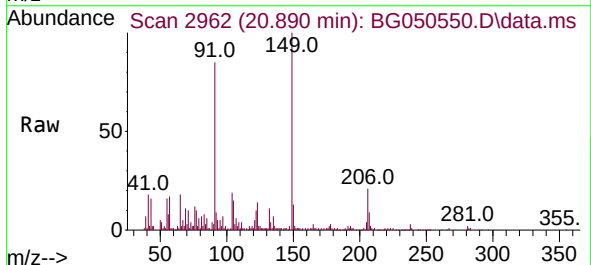
Instrument :
 BNA_G
 ClientSampleId :
 CC-26

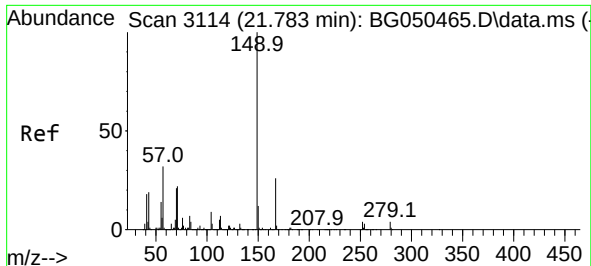
Tgt Ion:244 Resp: 665397
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 10.1 5.0 7.6#



#80
 Butylbenzylphthalate
 Concen: 12.513 ng
 RT: 20.890 min Scan# 2962
 Delta R.T. 0.001 min
 Lab File: BG050550.D
 Acq: 12 Oct 2021 12:58

Tgt Ion:149 Resp: 90165
 Ion Ratio Lower Upper
 149 100
 91 85.3 63.4 95.2
 206 20.8 18.4 27.6

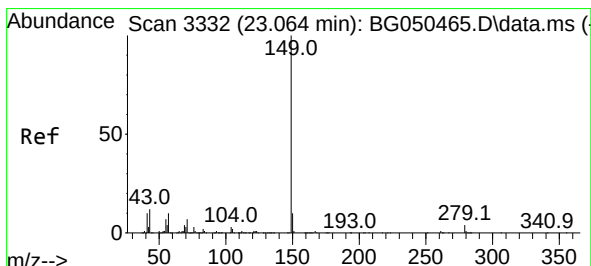
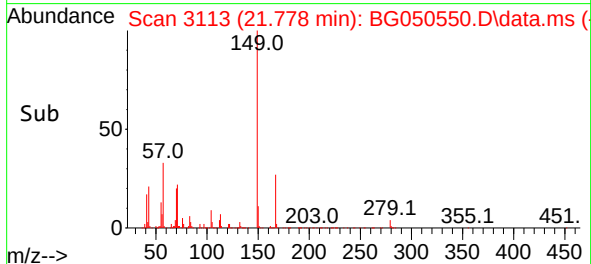
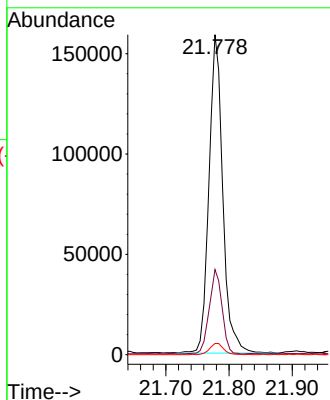
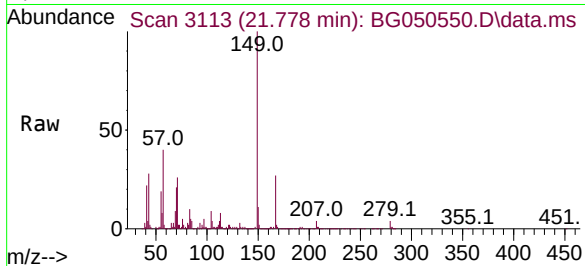




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.519 ng
 RT: 21.778 min Scan# 3113
 Delta R.T. -0.005 min
 Lab File: BG050550.D
 Acq: 12 Oct 2021 12:58

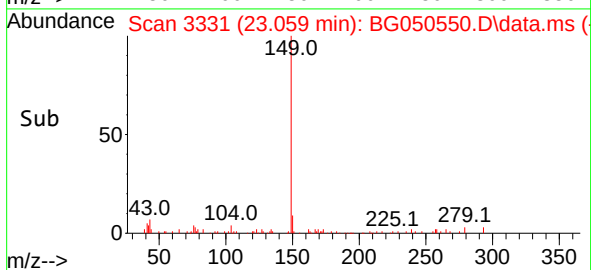
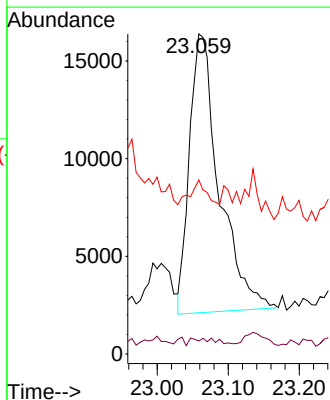
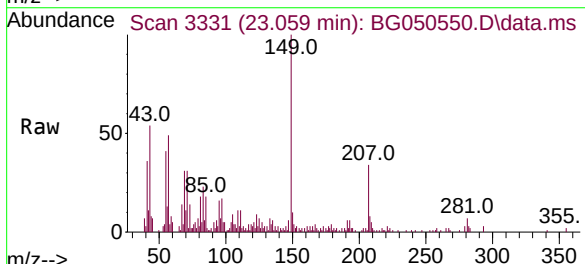
Instrument :
 BNA_G
 ClientSampleId :
 CC-26

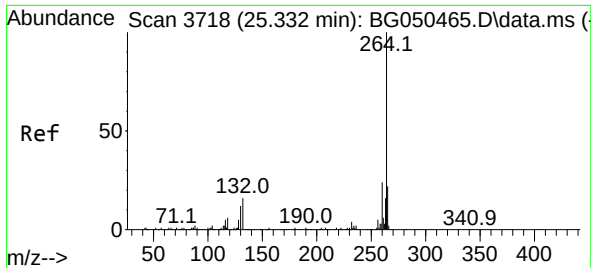
Tgt Ion:149 Resp: 240799
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.3 33.5
 279 3.5 3.8 5.8#



#85
 Di-n-octyl phthalate
 Concen: 2.425 ng
 RT: 23.059 min Scan# 3331
 Delta R.T. -0.005 min
 Lab File: BG050550.D
 Acq: 12 Oct 2021 12:58

Tgt Ion:149 Resp: 41404
 Ion Ratio Lower Upper
 149 100
 167 0.8 1.4 2.2#
 43 3.2 8.6 12.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.338 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG050550.D
 Acq: 12 Oct 2021 12:58

Instrument :
 BNA_G
 ClientSampleId :
 CC-26

Tgt Ion:264	Resp:	245149
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.4 29.2
265	20.8	16.9 25.3

