

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050495.D
 Acq On : 7 Oct 2021 23:13
 Operator : CG/JU
 Sample : M4131-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-04(NA)

Quant Time: Oct 08 05:46:50 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)

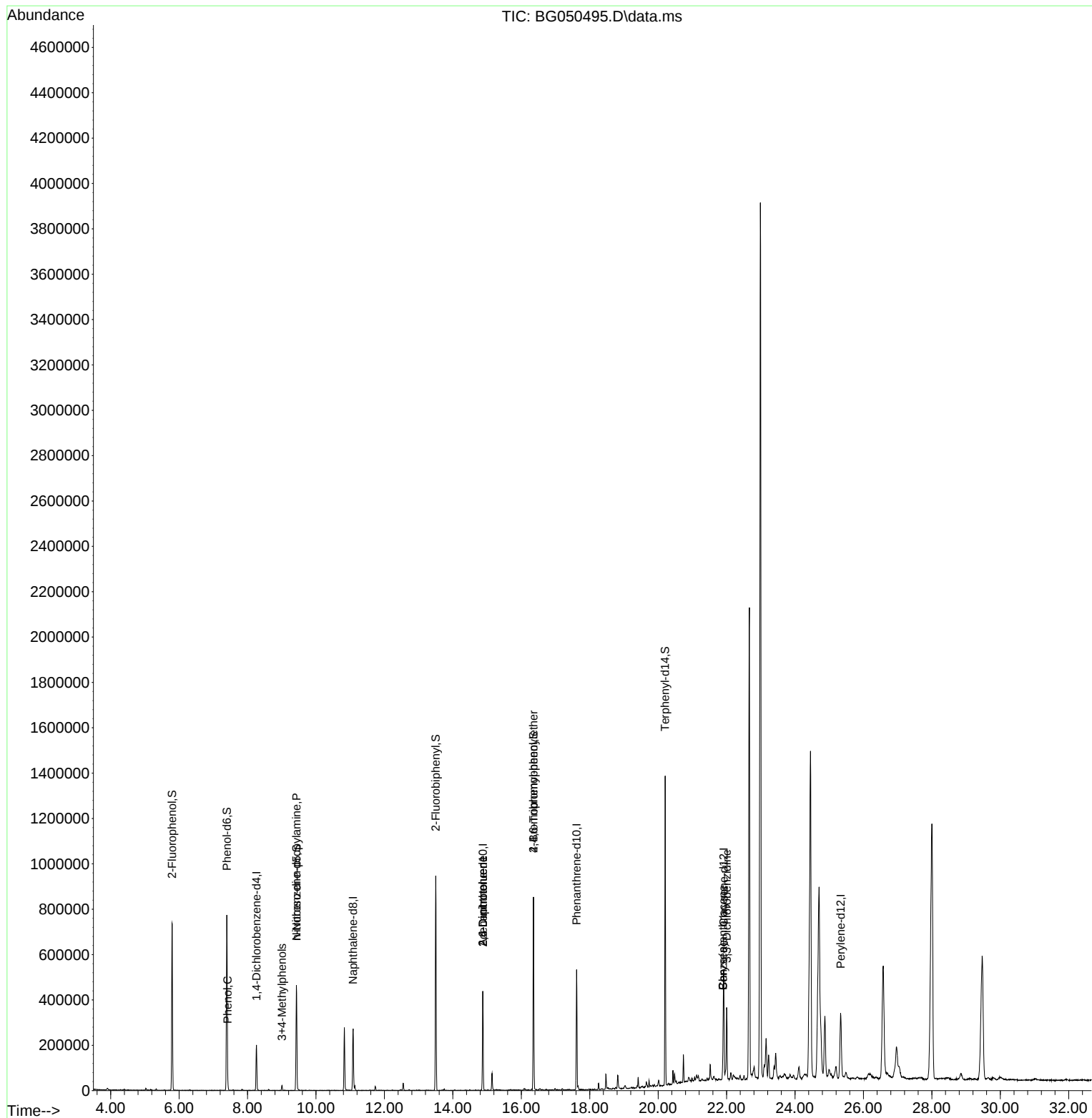
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	52052	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	220792	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	147694	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	322936	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	289726	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	286064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	306582	88.086	ng	0.00
7) Phenol-d6	7.395	99	420518	83.450	ng	0.00
23) Nitrobenzene-d5	9.428	82	297452	55.769	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	115126	81.723	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	460489	46.925	ng	0.00
79) Terphenyl-d14	20.203	244	596063	40.094	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.395	77	2129	Below Cal	#	57
10) Phenol	7.418	94	14172	2.893	ng	98
19) n-Nitroso-di-n-propyla...	9.428	70	41478	11.293	ng	# 71
20) 3+4-Methylphenols	9.005	107	9856	2.172	ng	86
51) 2,6-Dinitrotoluene	14.874	165	19270	8.618	ng	# 12
57) 2,4-Dinitrotoluene	14.874	165	19270	6.114	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	9763	3.000	ng	# 1
81) Benzo(a)anthracene	21.895	228	58977	3.076	ng	99
82) 3,3'-Dichlorobenzidine	22.001	252	33678	5.301	ng	# 40
83) Chrysene	21.895	228	58977	3.271	ng	99

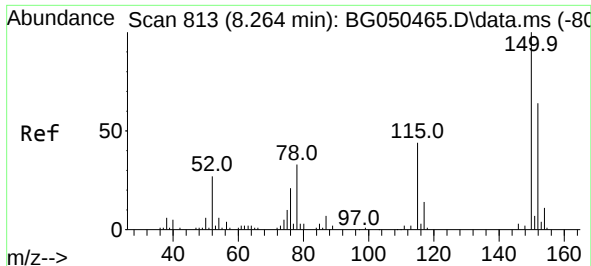
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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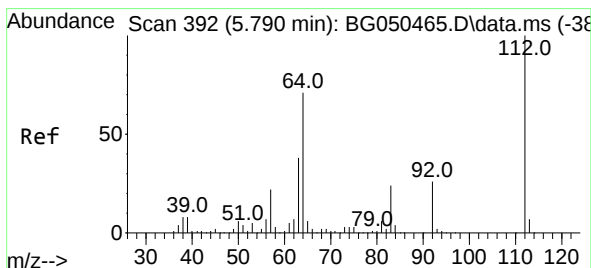
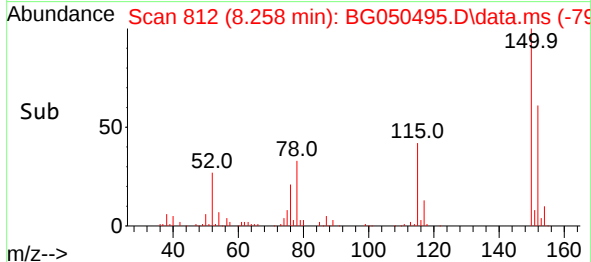
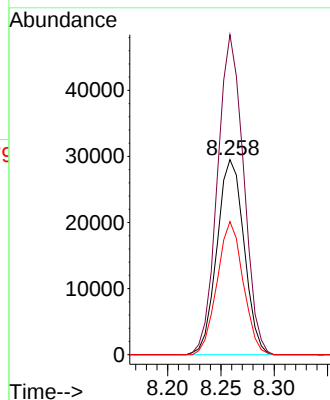
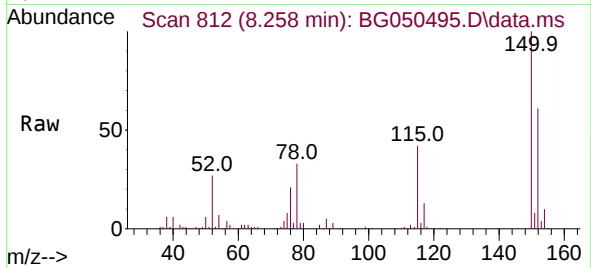




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

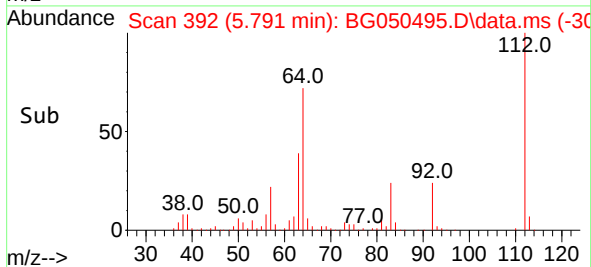
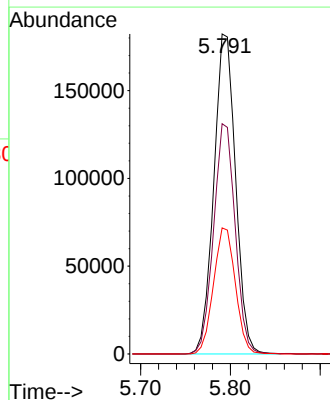
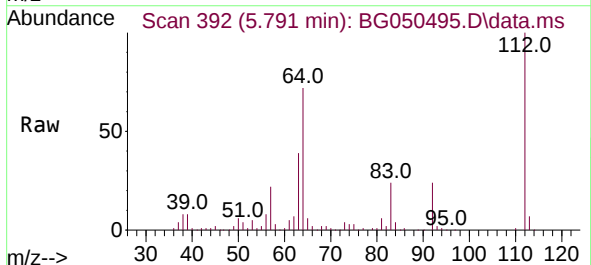
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

Tgt Ion:152 Resp: 52052
Ion Ratio Lower Upper
152 100
150 164.1 119.4 179.0
115 68.2 60.2 90.4



#5
2-Fluorophenol
Concen: 88.086 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion:112 Resp: 306582
Ion Ratio Lower Upper
112 100
64 71.9 46.7 70.1#
63 39.4 35.3 52.9

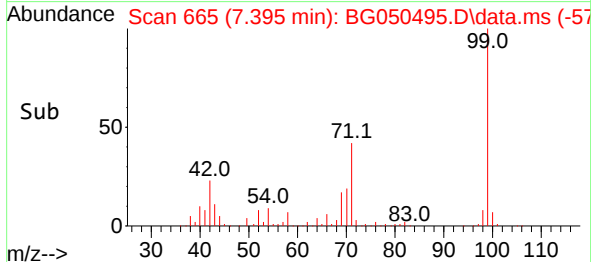
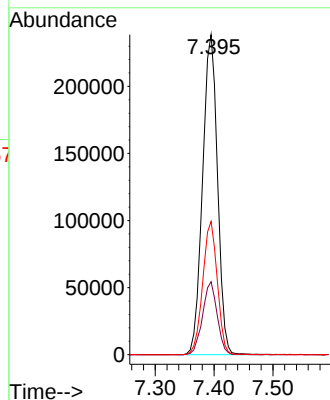
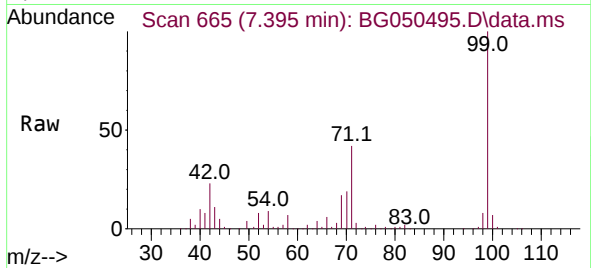




#7
Phenol-d6
Concen: 83.450 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

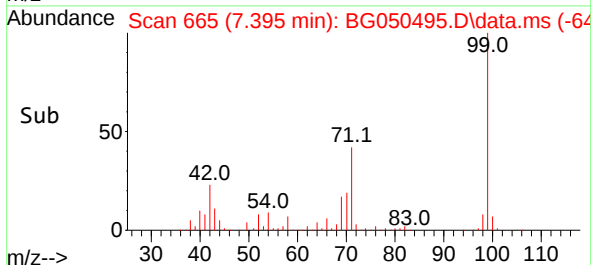
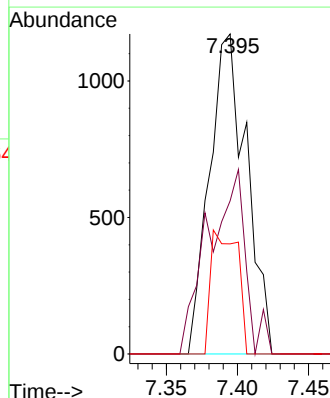
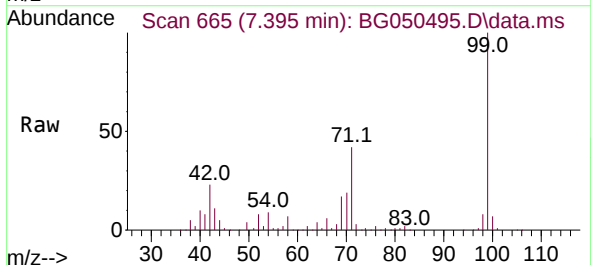
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

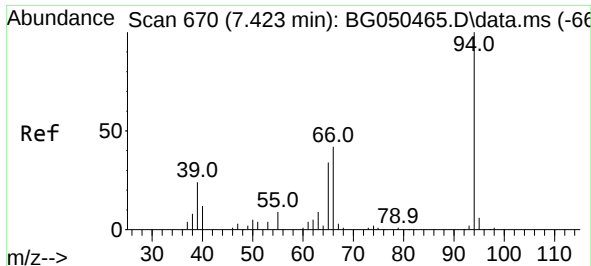
Tgt Ion: 99 Resp: 420518
Ion Ratio Lower Upper
99 100
42 22.8 20.5 30.7
71 41.7 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion: 77 Resp: 2129
Ion Ratio Lower Upper
77 100
105 47.9 68.8 108.8#
106 34.4 47.9 87.9#

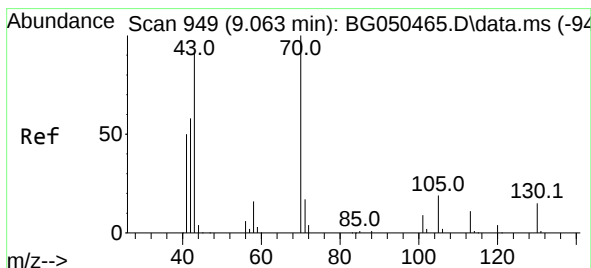
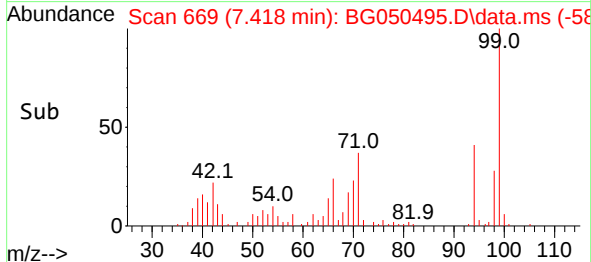
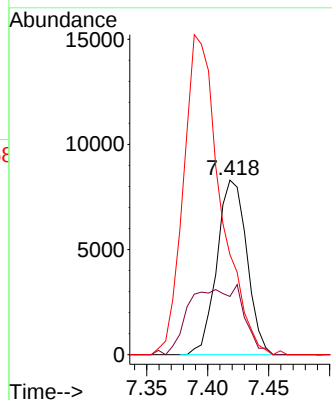
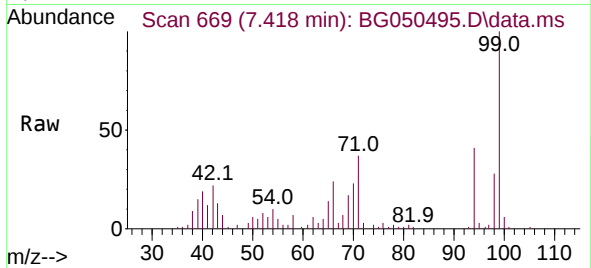




#10
Phenol
Concen: 2.893 ng
RT: 7.418 min Scan# 669
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

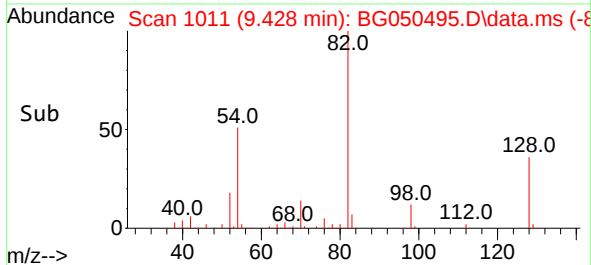
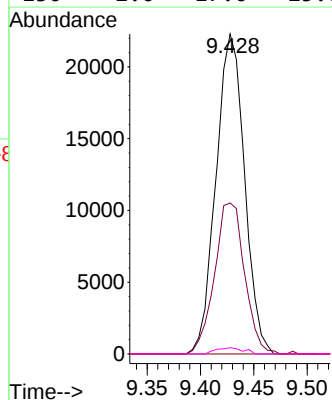
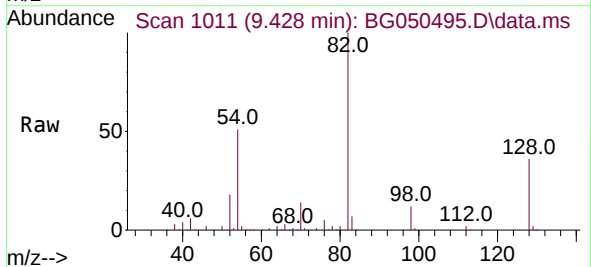
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

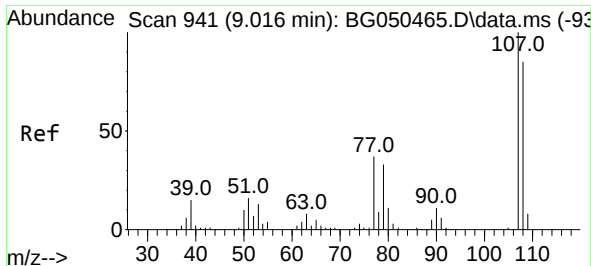
Tgt Ion: 94 Resp: 14172
Ion Ratio Lower Upper
94 100
65 33.3 12.9 52.9
66 57.3 39.4 79.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.293 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion: 70 Resp: 41478
Ion Ratio Lower Upper
70 100
42 47.2 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#

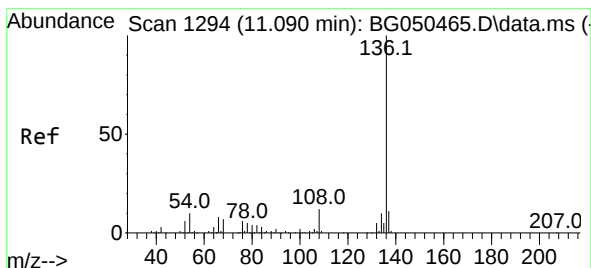
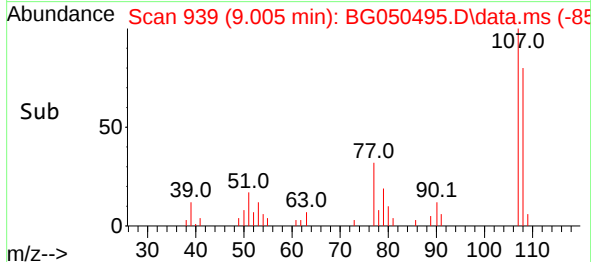
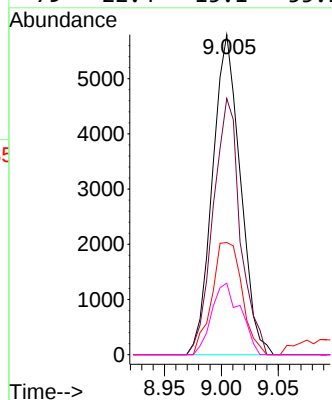
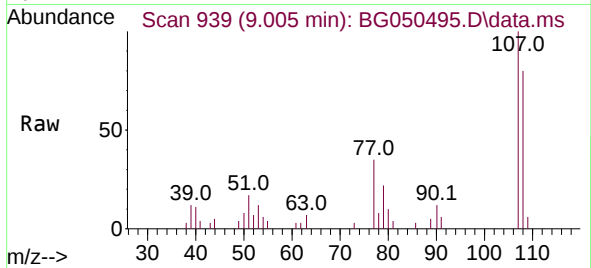




#20
3+4-Methylphenols
Concen: 2.172 ng
RT: 9.005 min Scan# 939
Delta R.T. -0.011 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

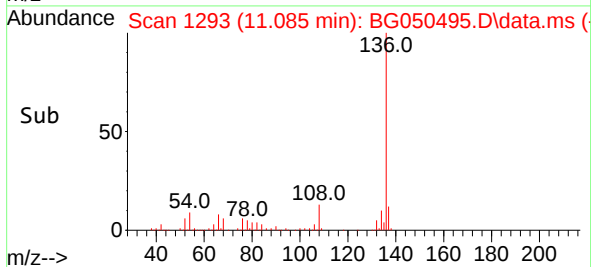
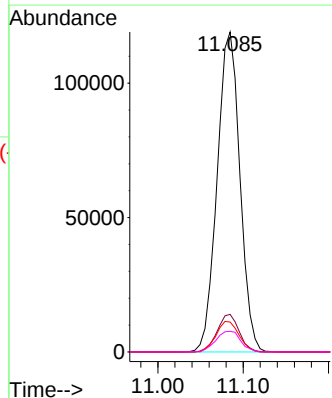
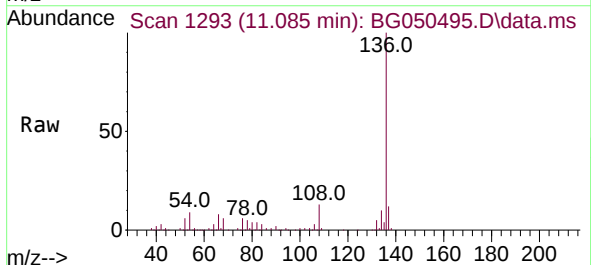
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

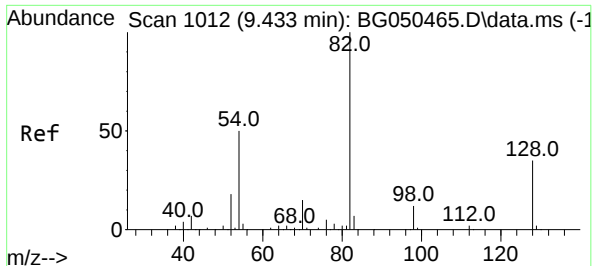
Tgt Ion:107	Resp:	9856
Ion Ratio	Lower	Upper
107	100	
108	80.0	69.3 109.3
77	35.0	25.2 65.2
79	22.4	15.1 55.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion:136	Resp:	220792
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.2 12.2
54	9.4	5.5 8.3#
68	6.4	2.3 3.5#

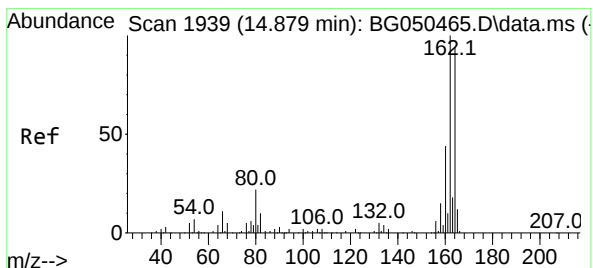
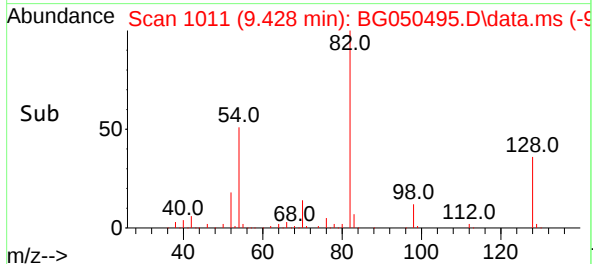
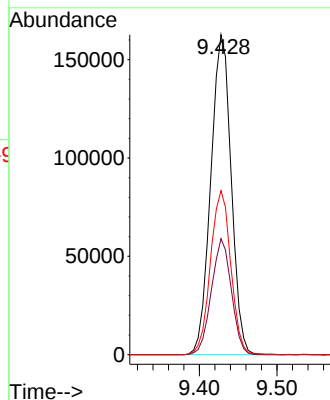
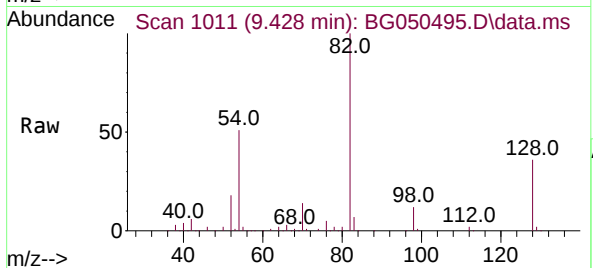




#23
Nitrobenzene-d5
Concen: 55.769 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

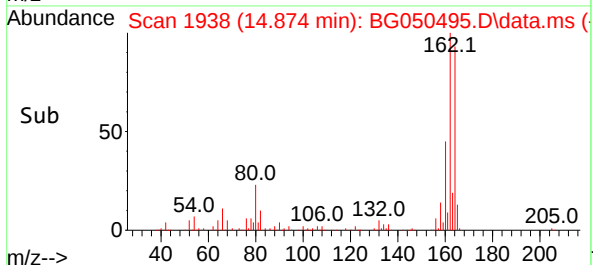
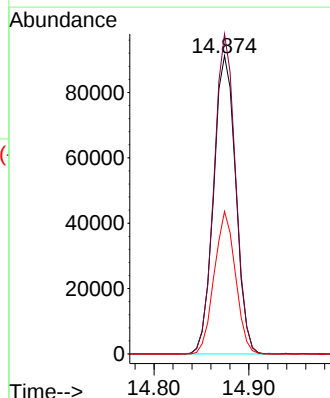
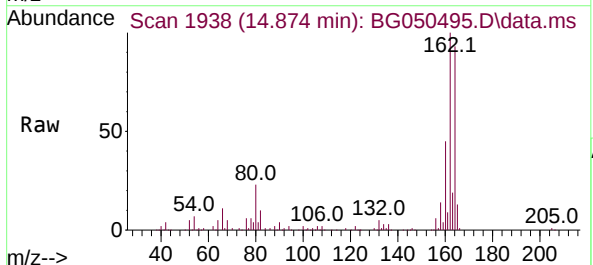
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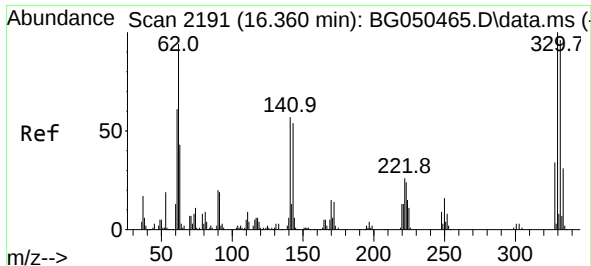
Tgt Ion: 82 Resp: 297452
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

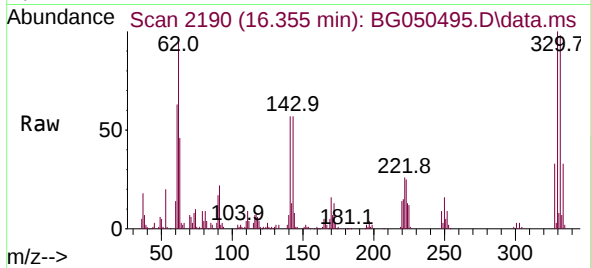
Tgt Ion: 164 Resp: 147694
Ion Ratio Lower Upper
164 100
162 107.3 81.4 122.0
160 47.8 34.9 52.3



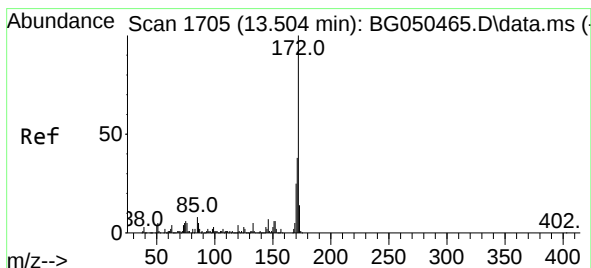
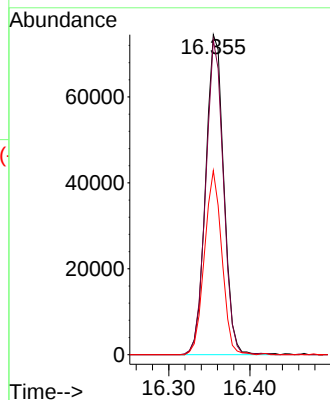
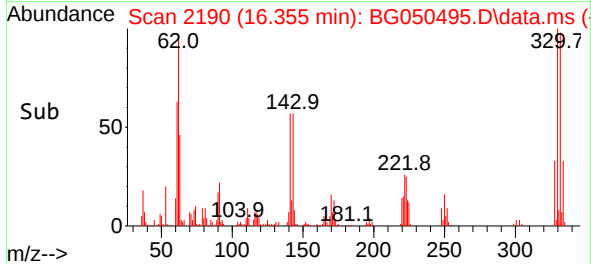


#42
2,4,6-Tribromophenol
Concen: 81.723 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

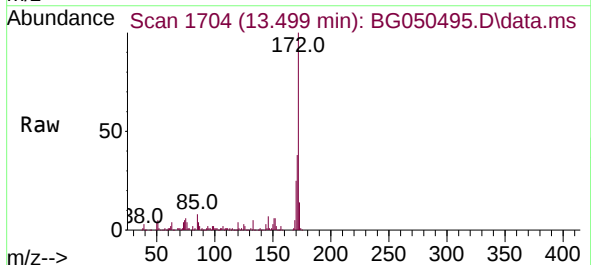
Instrument :
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ClientSampleId :
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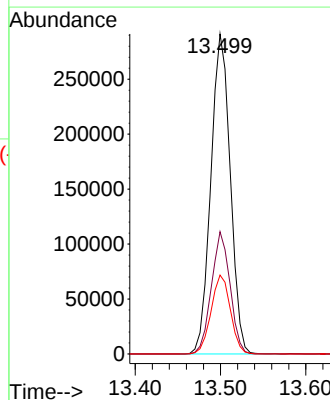
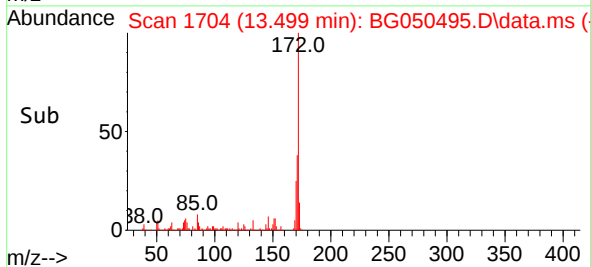
Tgt Ion:330 Resp: 115126
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 55.0 35.6 53.4#

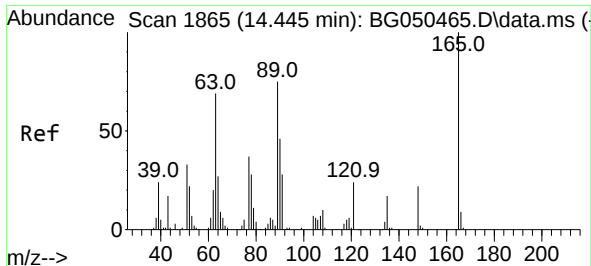


#45
2-Fluorobiphenyl
Concen: 46.925 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13



Tgt Ion:172 Resp: 460489
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 24.7 18.6 27.8

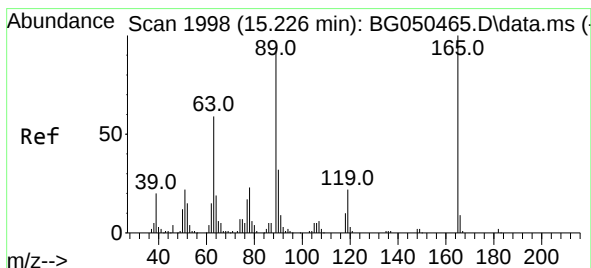
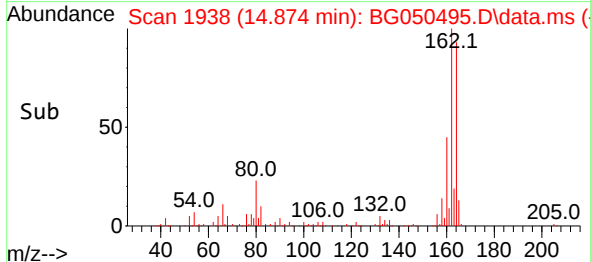
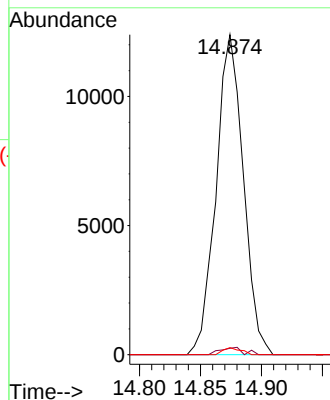
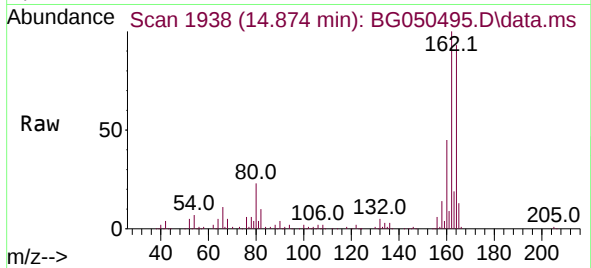




#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

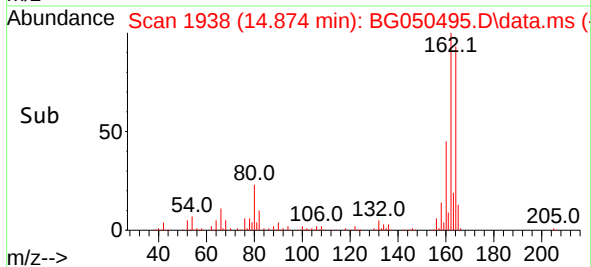
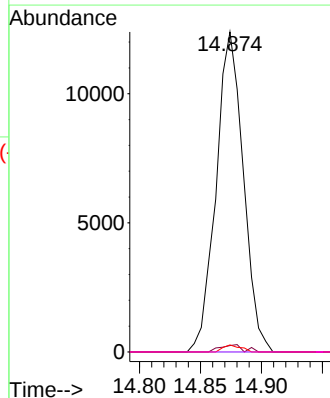
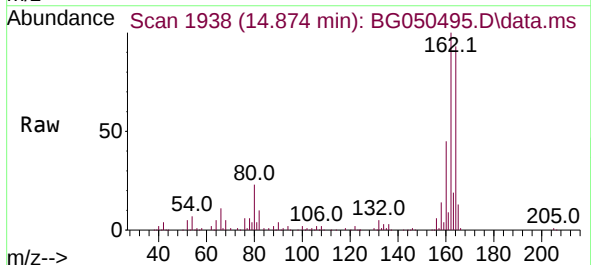
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

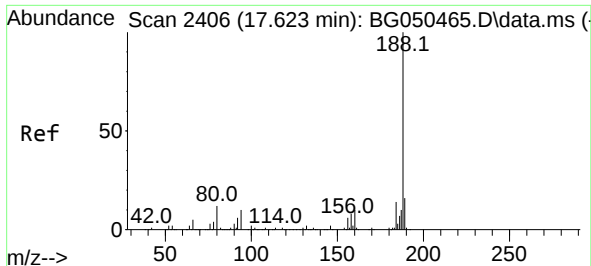
Tgt Ion:165 Resp: 19270
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 2.2 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.114 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion:165 Resp: 19270
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 2.2 65.4 98.0#
182 0.0 2.0 3.0#

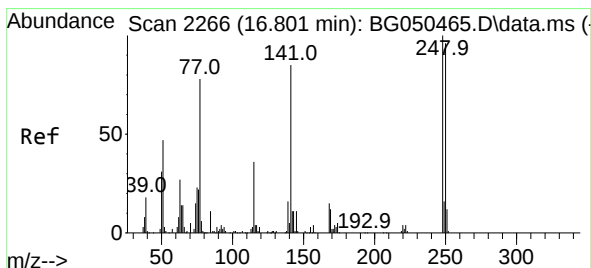
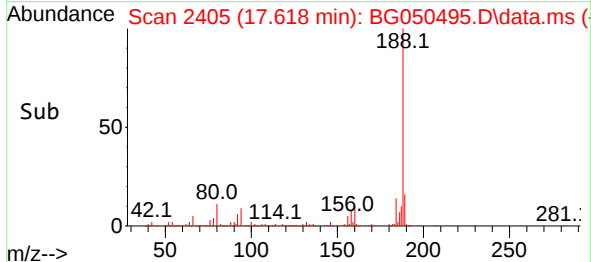
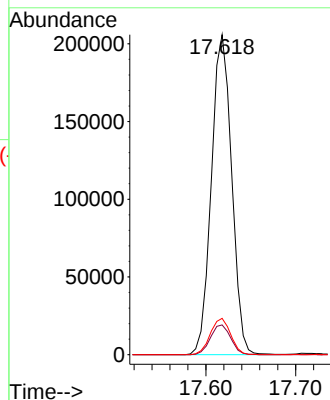
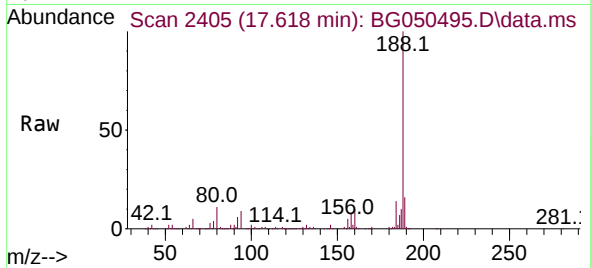




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

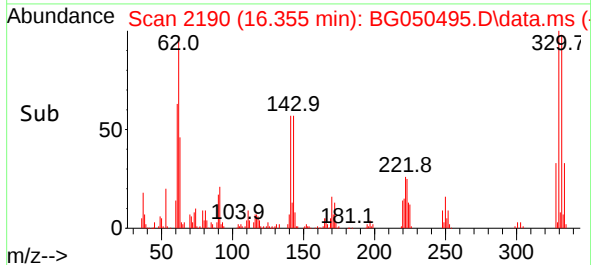
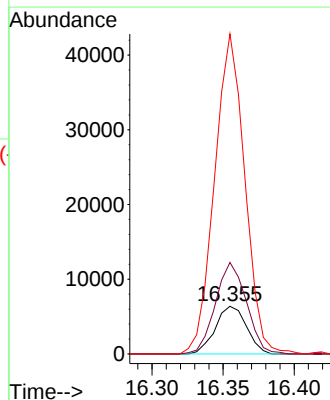
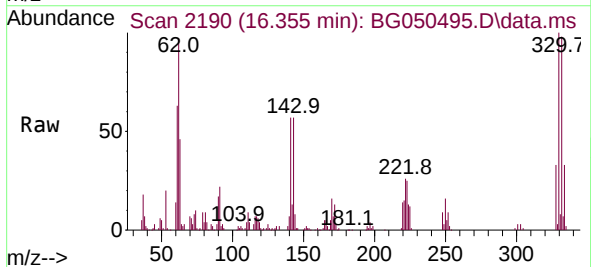
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

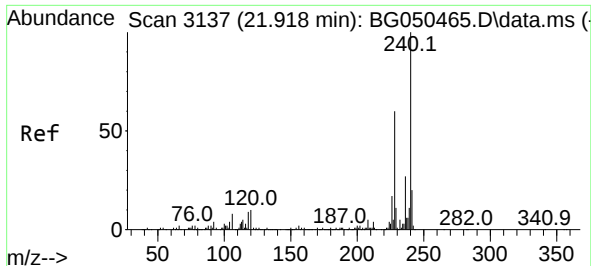
Tgt Ion:188 Resp: 322936
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.000 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion:248 Resp: 9763
Ion Ratio Lower Upper
248 100
250 191.8 76.1 114.1#
141 670.1 65.4 98.2#

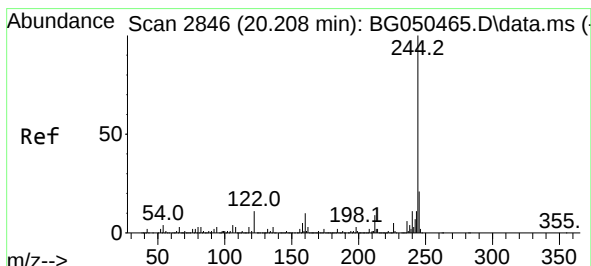
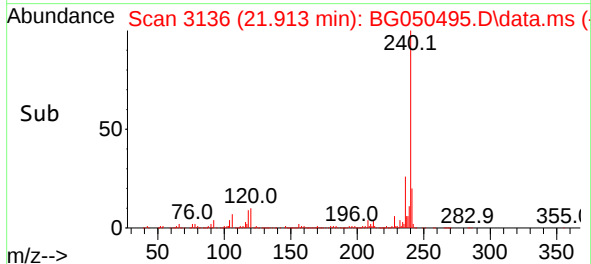
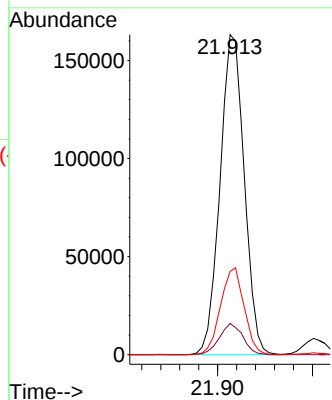
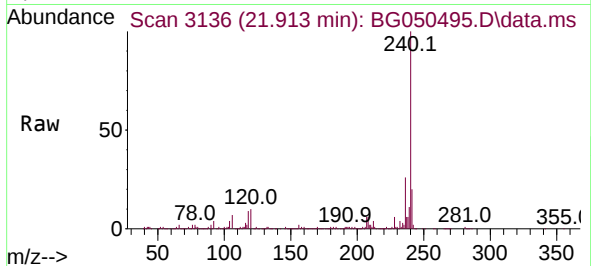




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

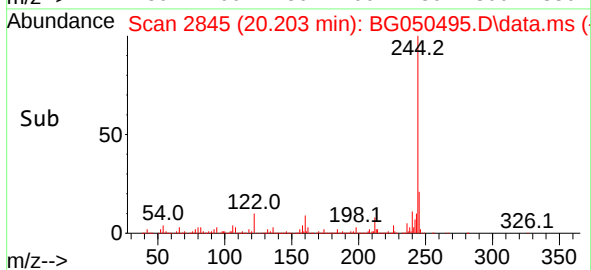
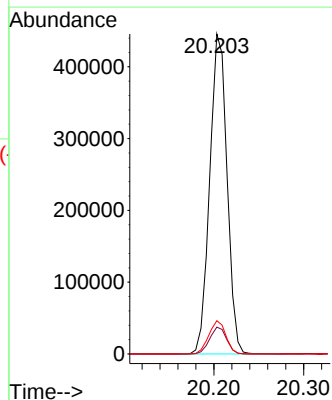
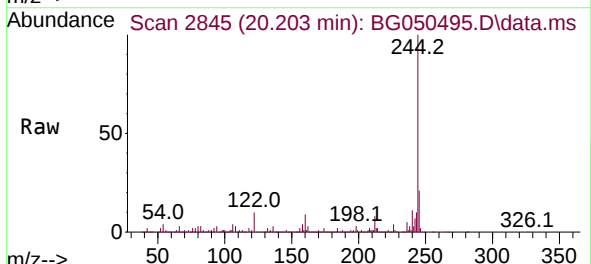
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

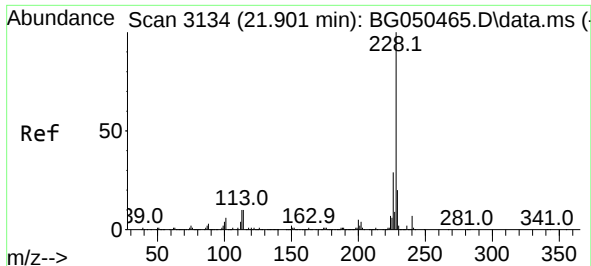
Tgt Ion:240 Resp: 289726
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.0 21.8 32.6



#79
Terphenyl-d14
Concen: 40.094 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion:244 Resp: 596063
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 10.4 5.0 7.6#

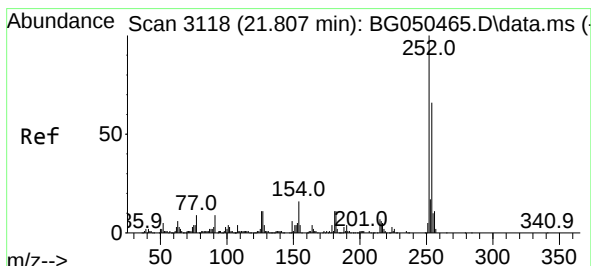
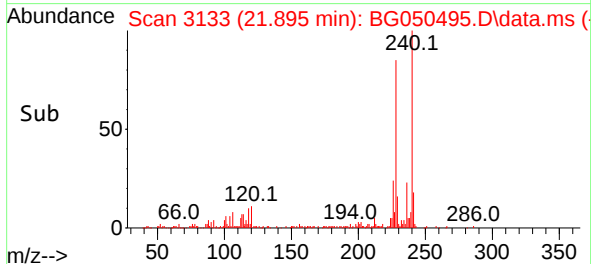
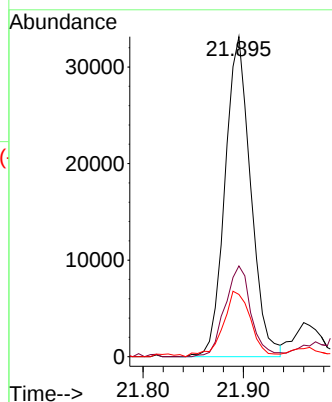
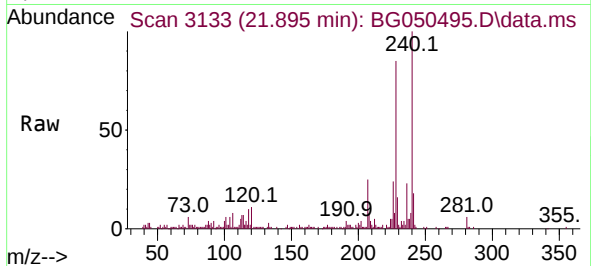




#81
Benzo(a)anthracene
Concen: 3.076 ng
RT: 21.895 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

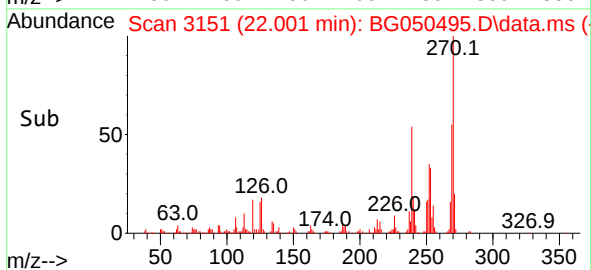
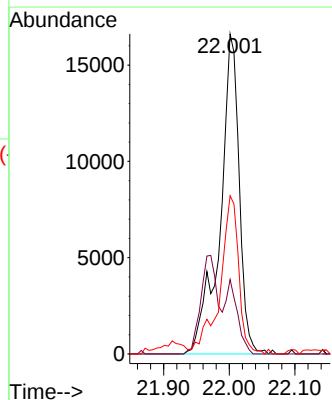
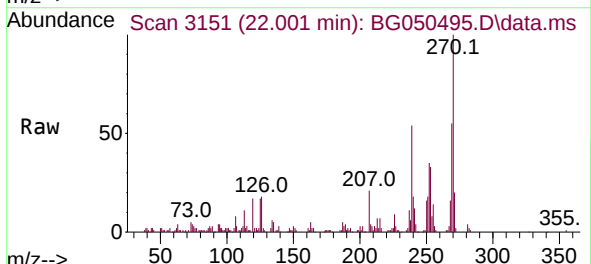
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

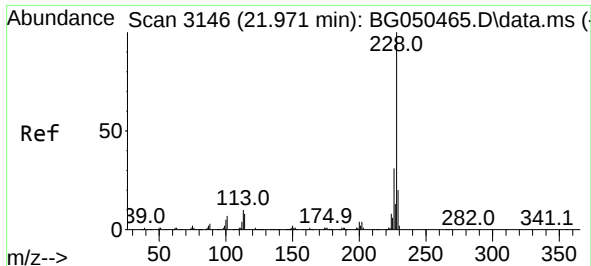
Tgt Ion:228 Resp: 58977
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 19.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 5.301 ng
RT: 22.001 min Scan# 3151
Delta R.T. 0.195 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion:252 Resp: 33678
Ion Ratio Lower Upper
252 100
254 23.3 52.4 78.6#
126 49.5 5.9 8.9#

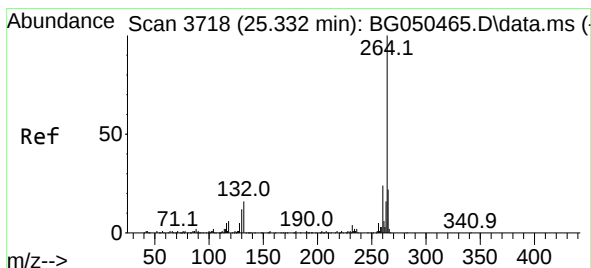
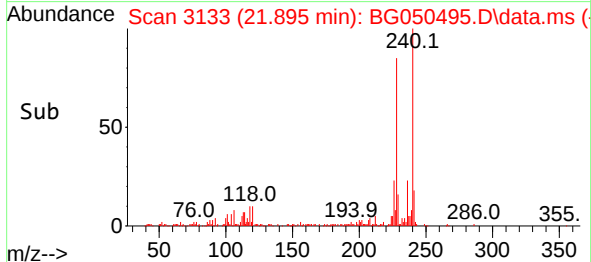
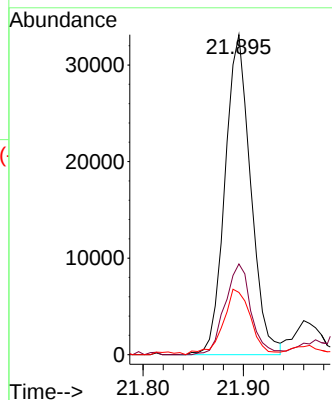
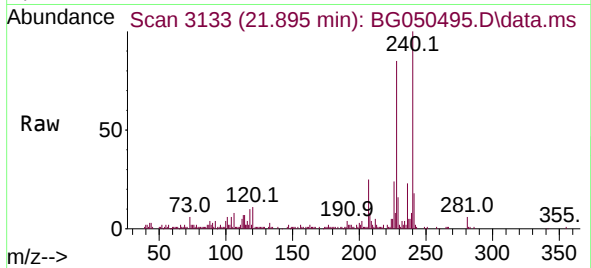




#83
Chrysene
Concen: 3.271 ng
RT: 21.895 min Scan# 3133
Delta R.T. -0.076 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

Tgt Ion:228 Resp: 58977
Ion Ratio Lower Upper
228 100
226 28.3 23.1 34.7
229 19.4 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.333 min Scan# 3718
Delta R.T. 0.001 min
Lab File: BG050495.D
Acq: 7 Oct 2021 23:13

Tgt Ion:264 Resp: 286064
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.1 16.9 25.3

