

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047275.D
 Acq On : 10 Nov 2020 19:03
 Operator : CG/JU
 Sample : L4657-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B49-110520-10-18

Quant Time: Nov 11 02:00:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

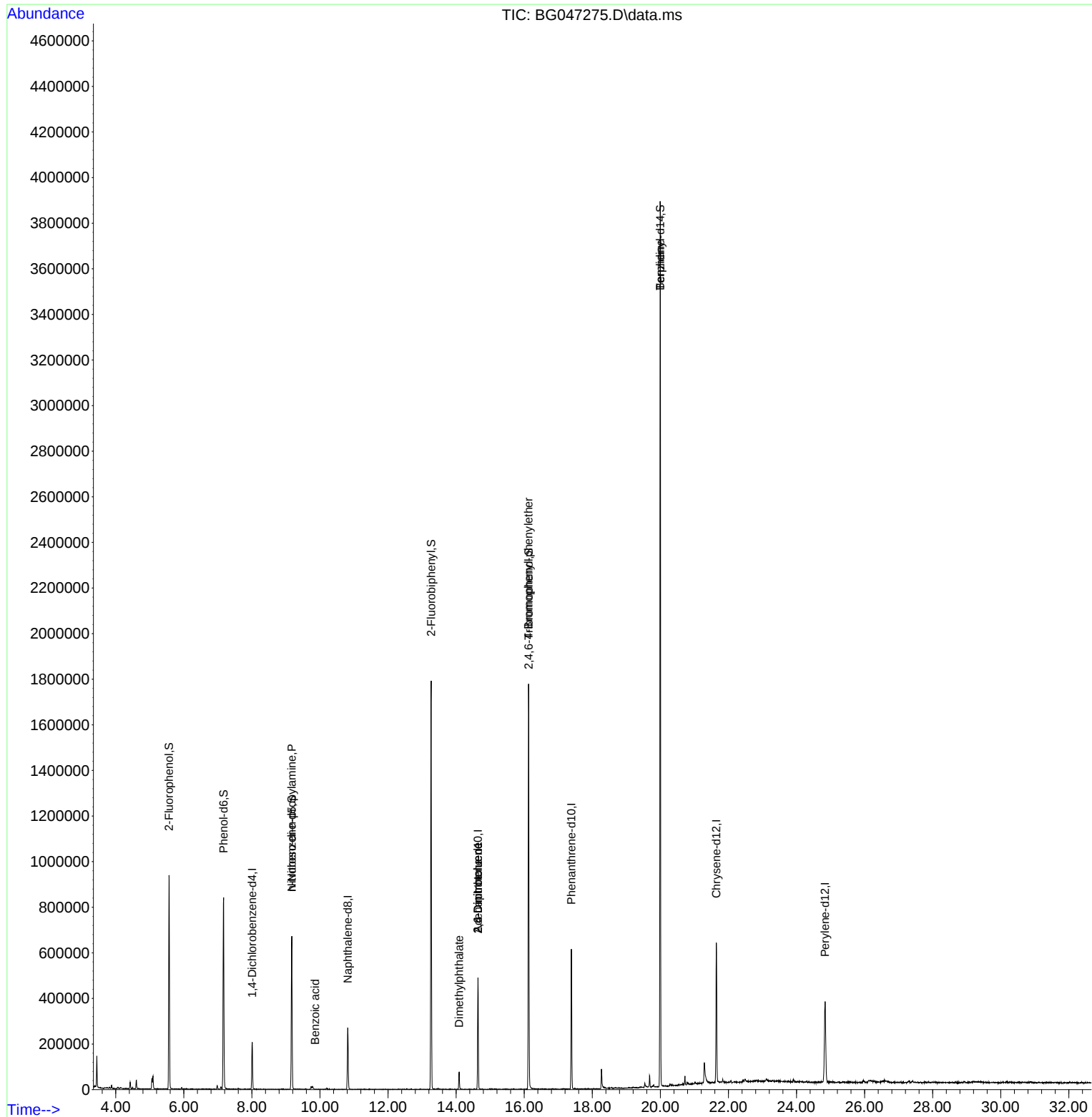
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	55519	20.00	ng	0.00
21) Naphthalene-d8	10.816	136	221155	20.00	ng	0.00
39) Acenaphthene-d10	14.641	164	162354	20.00	ng	0.00
64) Phenanthrene-d10	17.385	188	393150	20.00	ng	# 0.00
76) Chrysene-d12	21.645	240	389361	20.00	ng	# 0.00
86) Perylene-d12	24.841	264	393421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	374526	109.35	ng	0.00
7) Phenol-d6	7.168	99	452923	91.35	ng	0.00
23) Nitrobenzene-d5	9.171	82	387522	75.20	ng	0.00
42) 2,4,6-Tribromophenol	16.134	330	348437	128.16	ng	0.00
45) 2-Fluorobiphenyl	13.266	172	925129	73.08	ng	0.00
79) Terphenyl-d14	19.994	244	1709624	77.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.171	70	54650	16.77	ng	# 76
32) Benzoic acid	9.859	122	79	4.77	ng	# 1
50) Dimethylphthalate	14.089	163	49638	3.46	ng	# 94
51) 2,6-Dinitrotoluene	14.641	165	20872	7.02	ng	# 35
57) 2,4-Dinitrotoluene	14.641	165	20872	4.81	ng	# 34
67) 4-Bromophenyl-phenylether	16.128	248	23989	4.37	ng	# 1
77) Benzidine	19.994	184	30071	2.30	ng	# 95

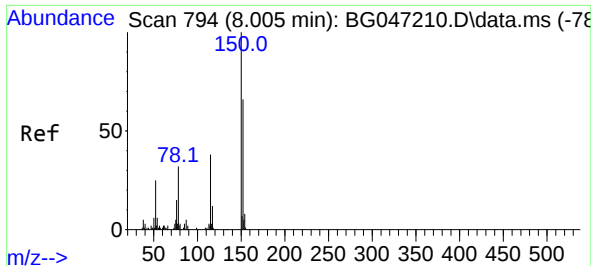
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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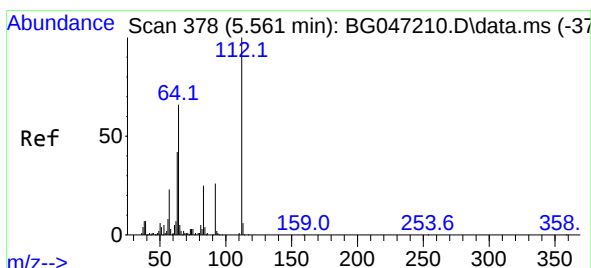
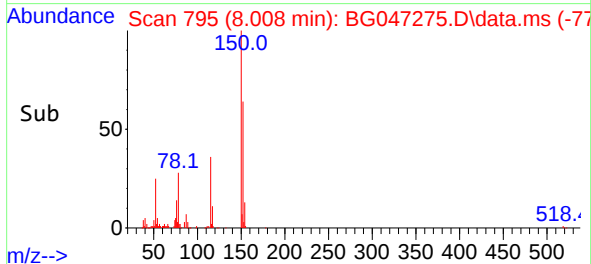
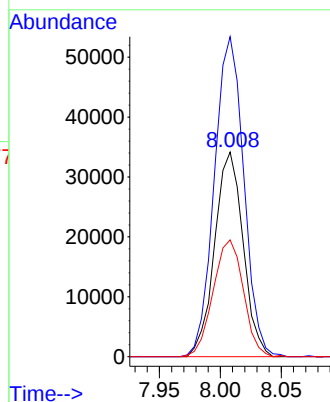
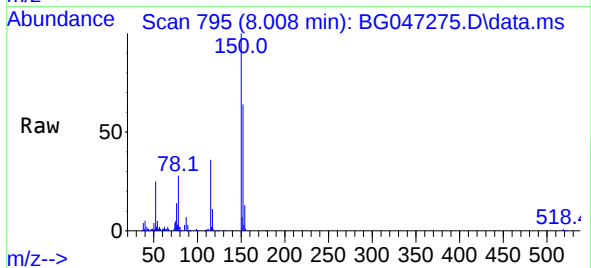




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.008 min Scan# 795
Delta R.T. 0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

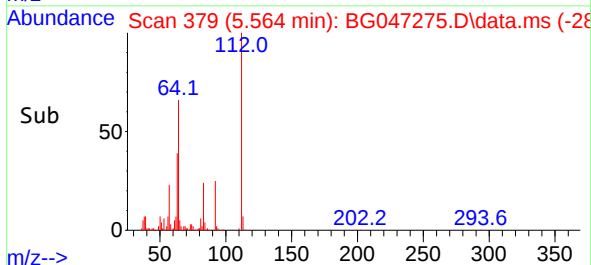
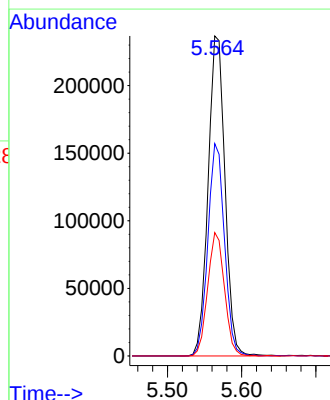
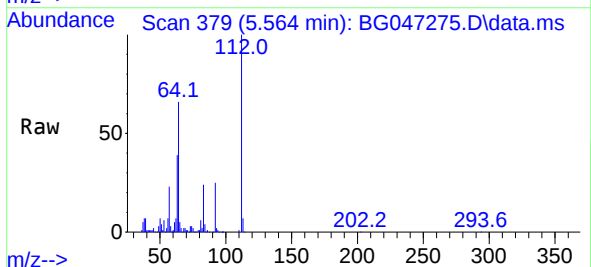
Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18

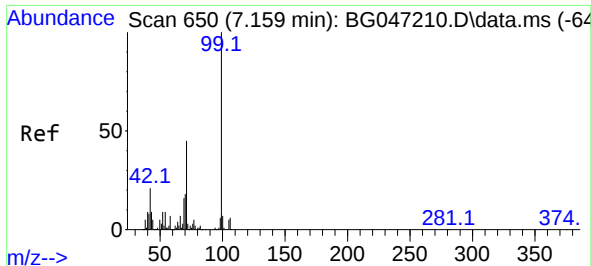
Tgt Ion:152 Resp: 55519
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.6
115 57.0 41.8 62.6



#5
2-Fluorophenol
Concen: 109.35 ng
RT: 5.564 min Scan# 379
Delta R.T. 0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

Tgt Ion:112 Resp: 374526
Ion Ratio Lower Upper
112 100
64 66.3 46.7 70.1
63 38.6 22.8 34.2#

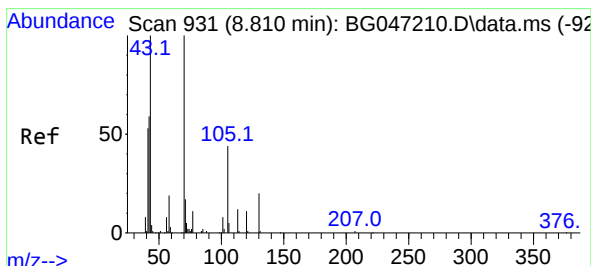
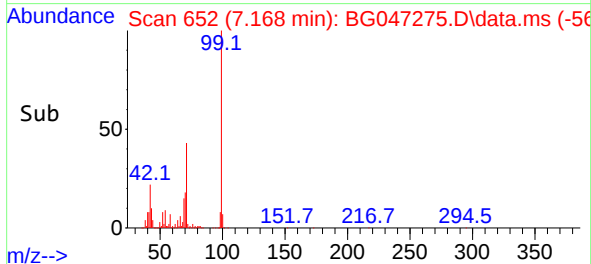
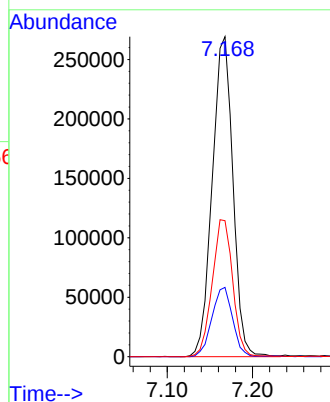
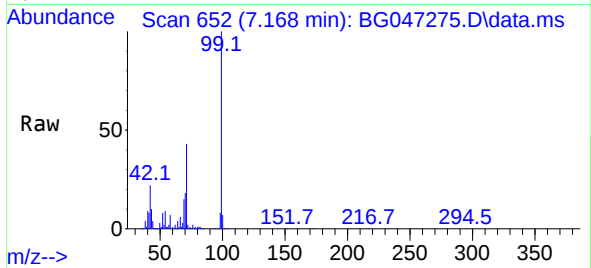




#7
Phenol-d6
Concen: 91.35 ng
RT: 7.168 min Scan# 652
Delta R.T. 0.009 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

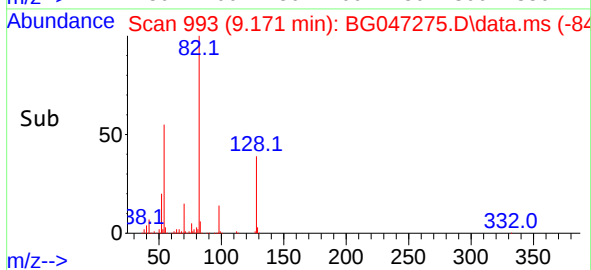
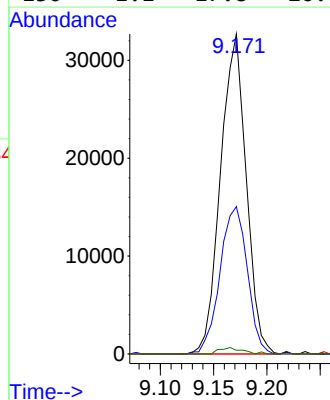
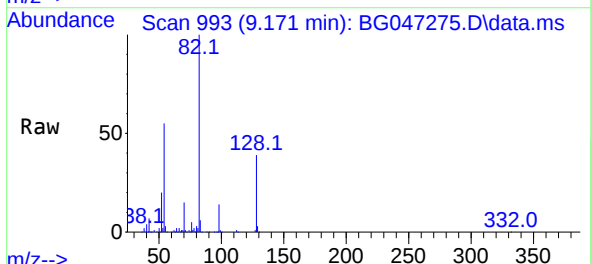
Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18

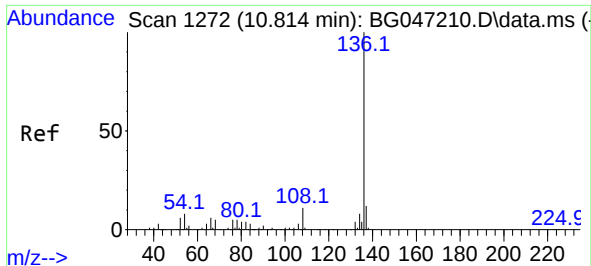
Tgt Ion: 99 Resp: 452923
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 42.5 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.77 ng
RT: 9.171 min Scan# 993
Delta R.T. 0.361 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

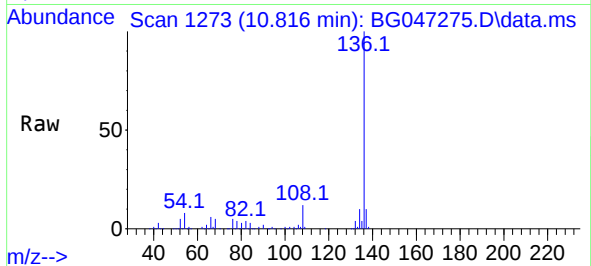
Tgt Ion: 70 Resp: 54650
Ion Ratio Lower Upper
70 100
42 46.1 45.6 68.4
101 0.0 8.4 12.6#
130 1.1 17.8 26.8#



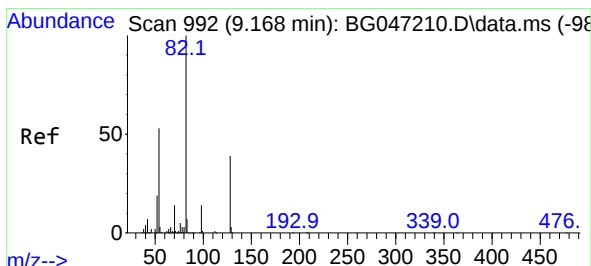
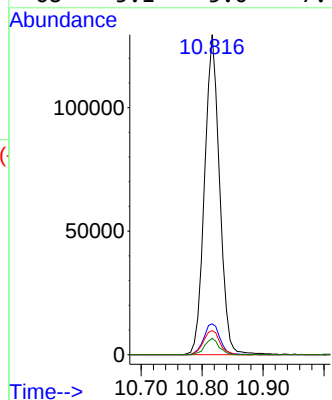


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.816 min Scan# 1273
Delta R.T. 0.002 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18

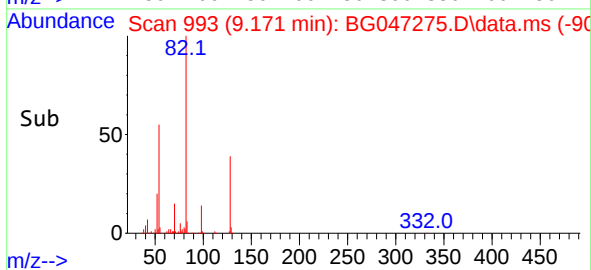
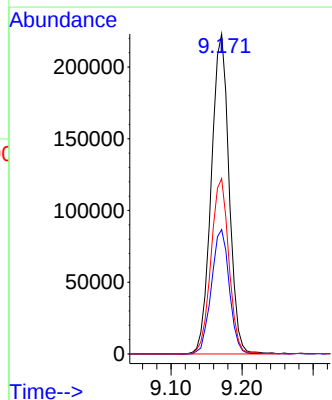
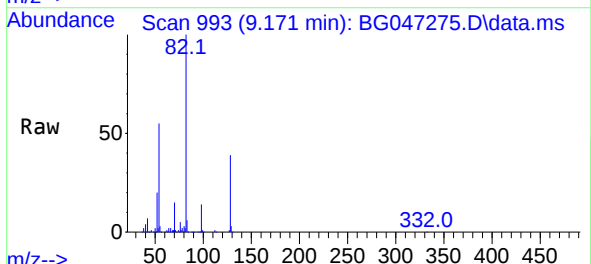


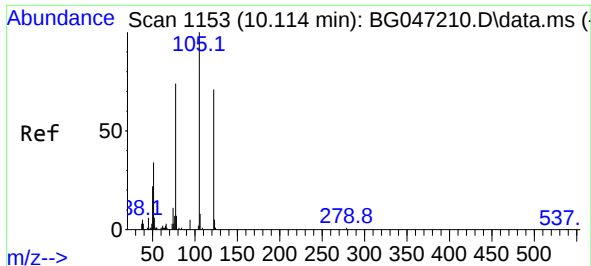
Tgt Ion:	136	Resp:	221155
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	7.5	6.2	9.4
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.20 ng
RT: 9.171 min Scan# 993
Delta R.T. 0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

Tgt Ion:	82	Resp:	387522
Ion	Ratio	Lower	Upper
82	100		
128	38.9	37.0	55.6
54	54.8	39.0	58.4

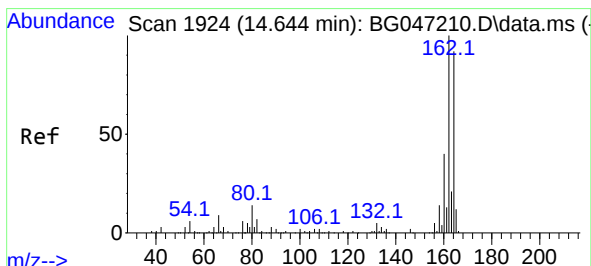
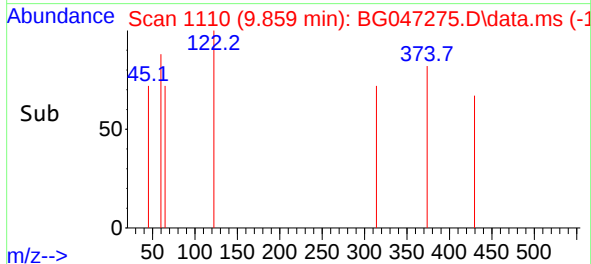
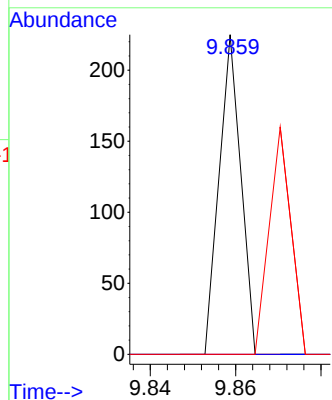
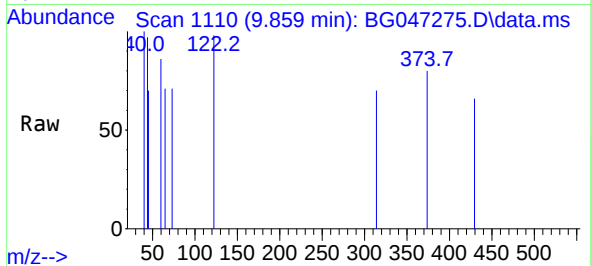




#32
Benzoic acid
Concen: 4.77 ng
RT: 9.859 min Scan# 1110
Delta R.T. -0.255 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

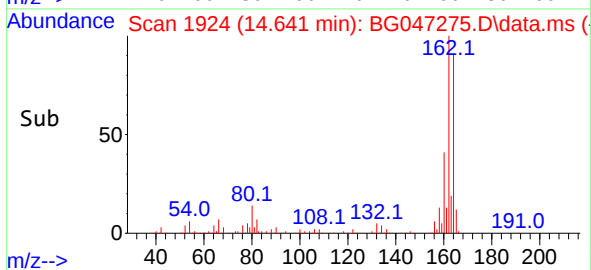
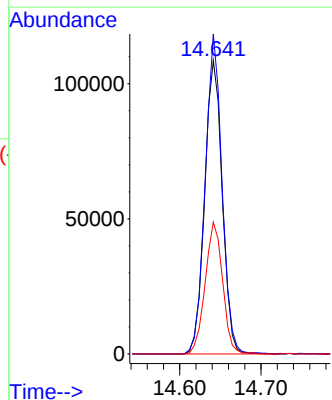
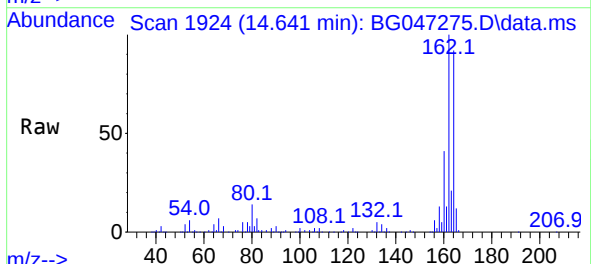
Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18

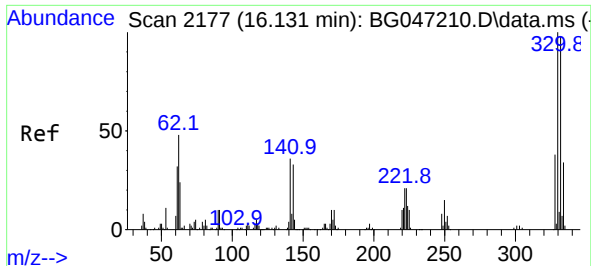
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.641 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

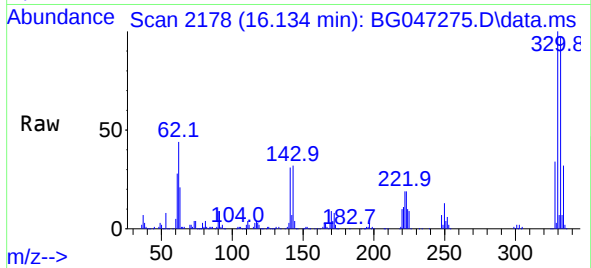
Tgt Ion:164 Resp: 162354
Ion Ratio Lower Upper
164 100
162 109.0 82.3 123.5
160 44.9 35.3 52.9



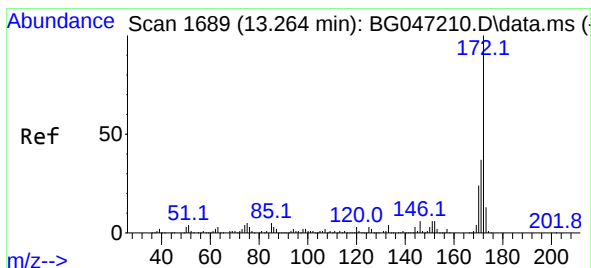
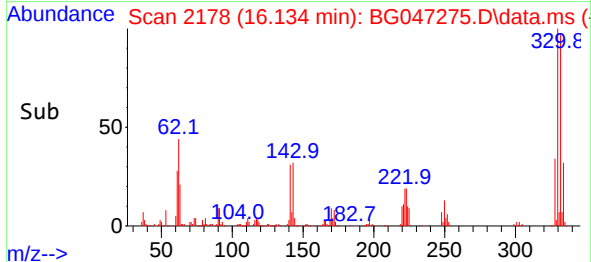
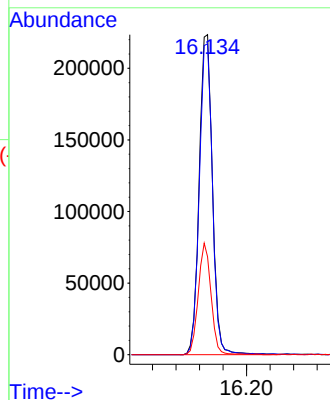


#42
2,4,6-Tribromophenol
Concen: 128.16 ng
RT: 16.134 min Scan# 2178
Delta R.T. 0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

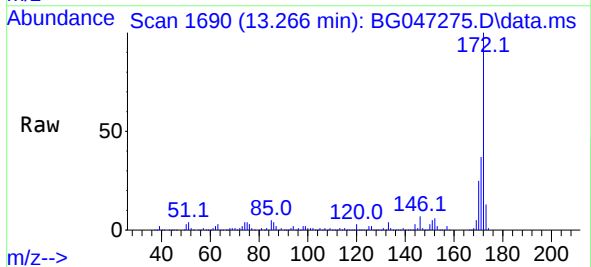
Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18



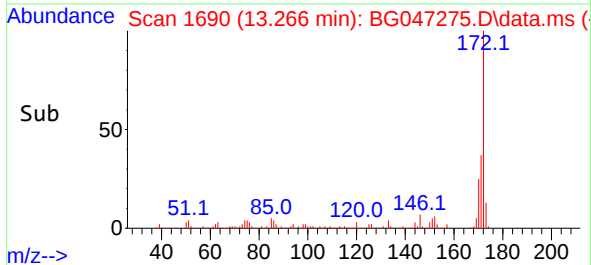
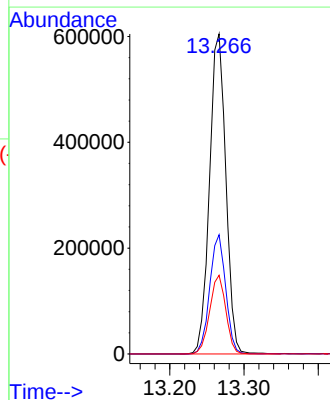
Tgt Ion:330 Resp: 348437
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 33.7 26.0 39.0

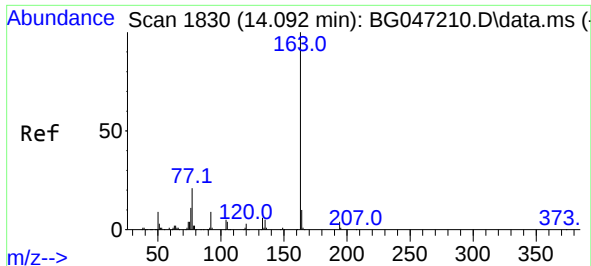


#45
2-Fluorobiphenyl
Concen: 73.08 ng
RT: 13.266 min Scan# 1690
Delta R.T. 0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03



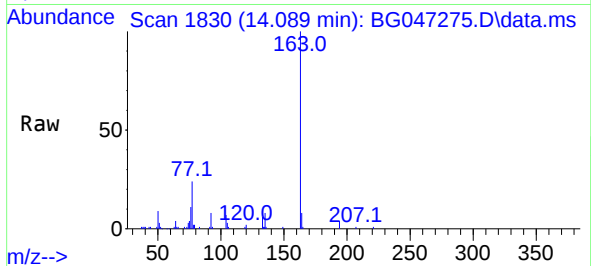
Tgt Ion:172 Resp: 925129
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 24.6 20.8 31.2



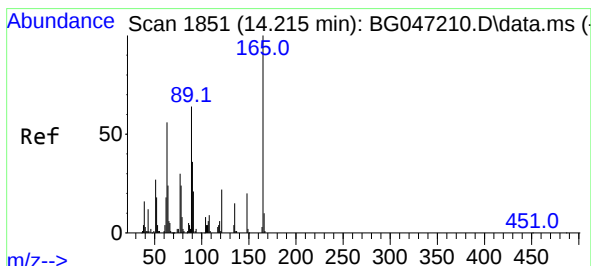
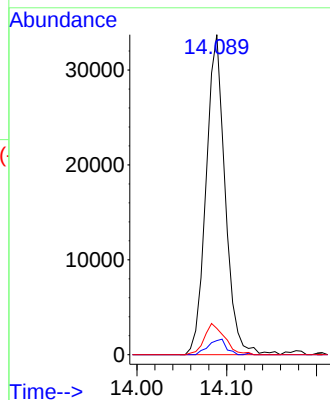
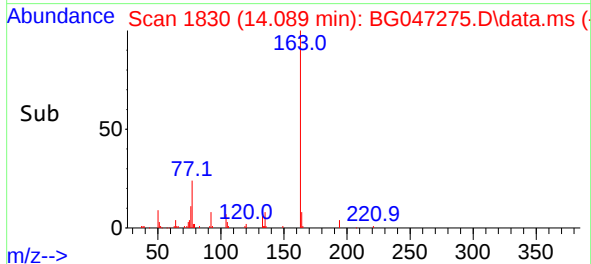


#50
Dimethylphthalate
Concen: 3.46 ng
RT: 14.089 min Scan# 1830
Delta R.T. -0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

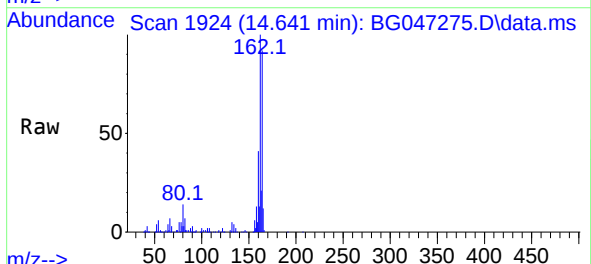
Instrument :
BNA_G
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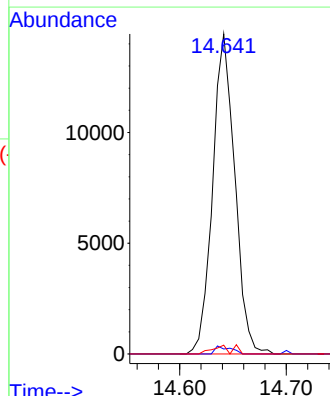
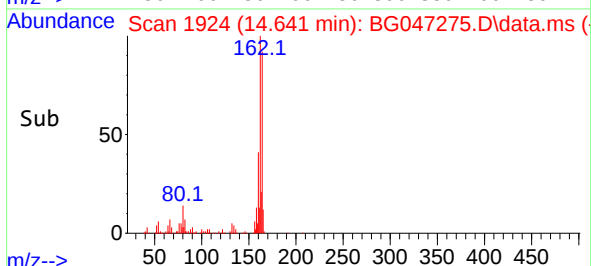
Tgt Ion:163 Resp: 49638
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.8
164 8.2 8.8 13.2#

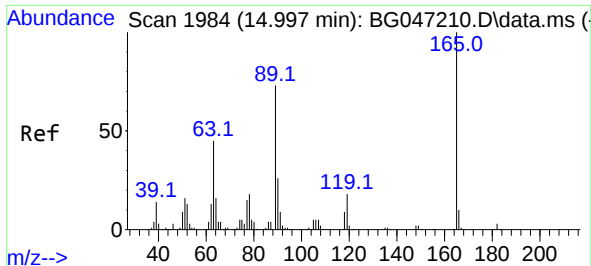


#51
2,6-Dinitrotoluene
Concen: 7.02 ng
RT: 14.641 min Scan# 1924
Delta R.T. 0.426 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03



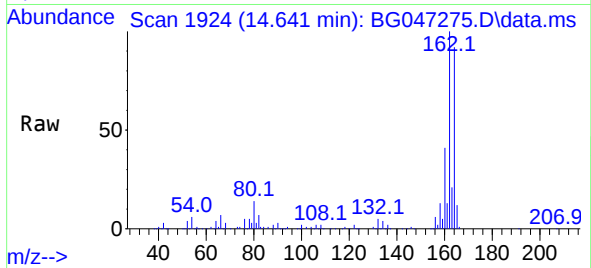
Tgt Ion:165 Resp: 20872
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 2.7 36.6 54.8#



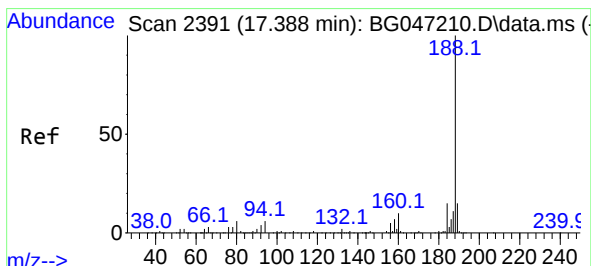
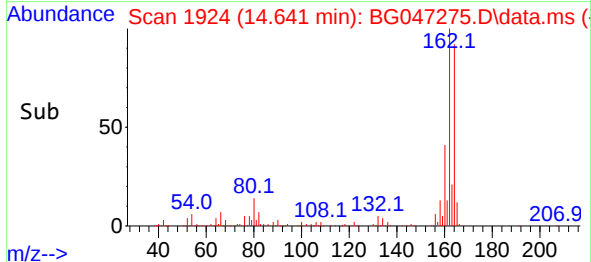
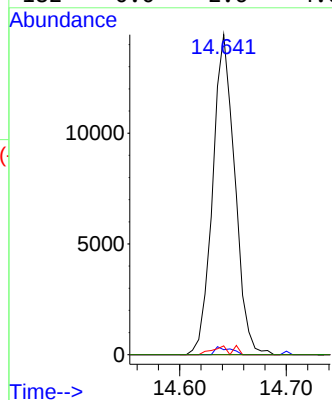


#57
2,4-Dinitrotoluene
Concen: 4.81 ng
RT: 14.641 min Scan# 1924
Delta R.T. -0.356 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18

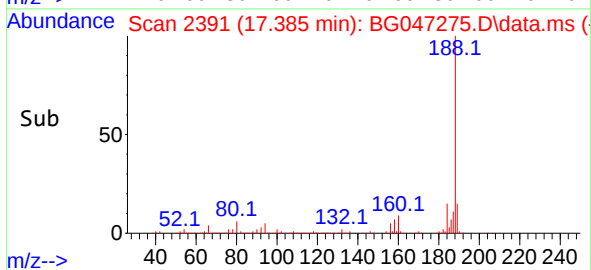
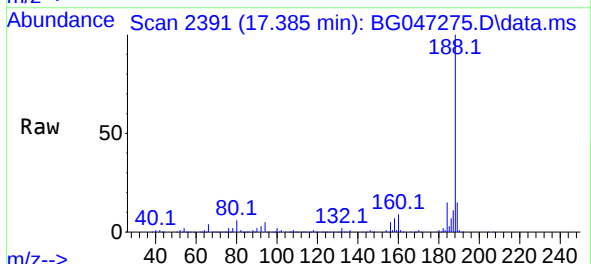
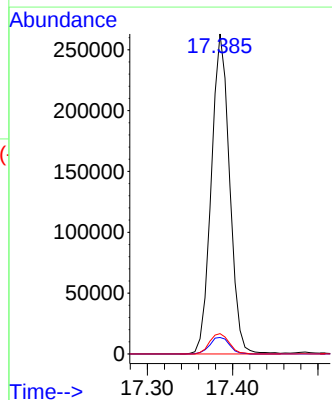


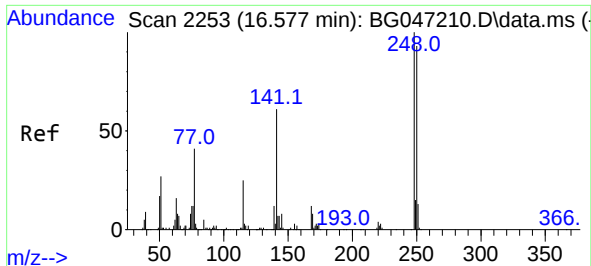
Tgt Ion:165	Resp:	20872
Ion	Ratio	Lower Upper
165	100	
63	1.5	26.4 39.6#
89	2.7	47.8 71.8#
182	0.0	2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.385 min Scan# 2391
Delta R.T. -0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

Tgt Ion:188	Resp:	393150
Ion	Ratio	Lower Upper
188	100	
94	5.1	6.3 9.5#
80	6.4	7.0 10.6#

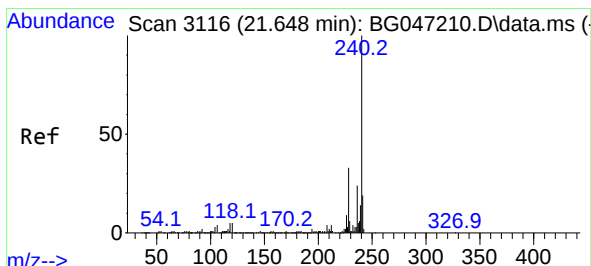
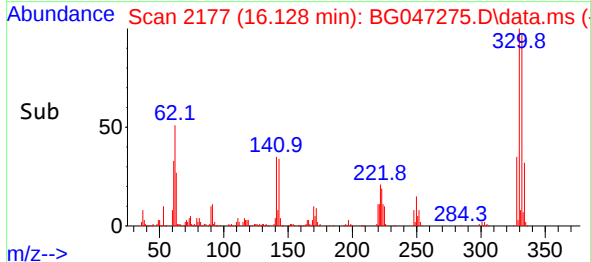
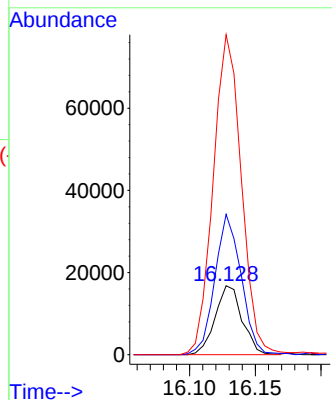
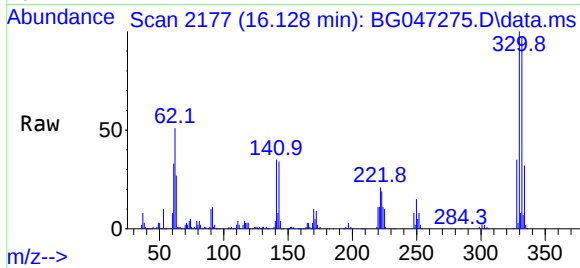




#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 16.128 min Scan# 2177
Delta R.T. -0.450 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

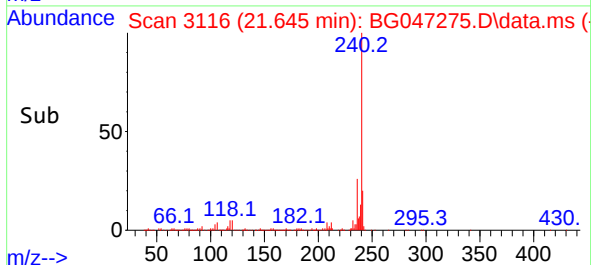
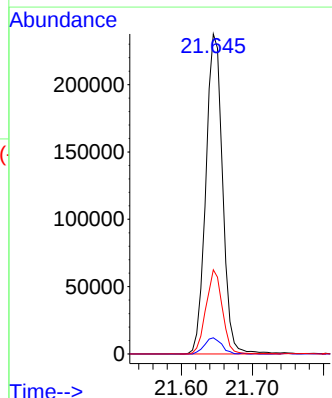
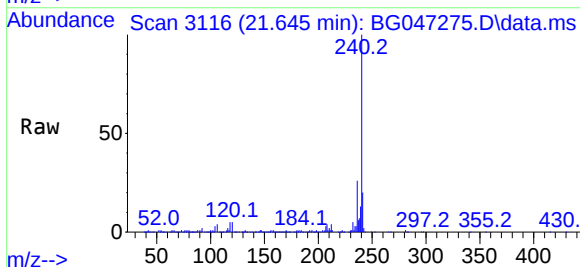
Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18

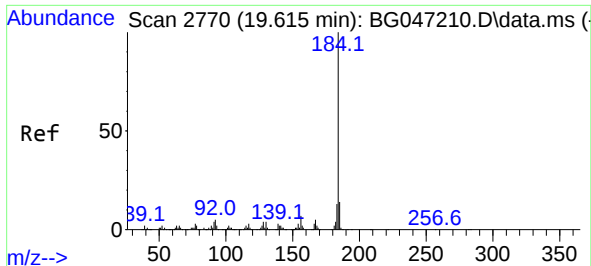
Tgt Ion:248 Resp: 23989
Ion Ratio Lower Upper
248 100
250 203.5 78.9 118.3#
141 464.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.645 min Scan# 3116
Delta R.T. -0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

Tgt Ion:240 Resp: 389361
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.3 20.5 30.7

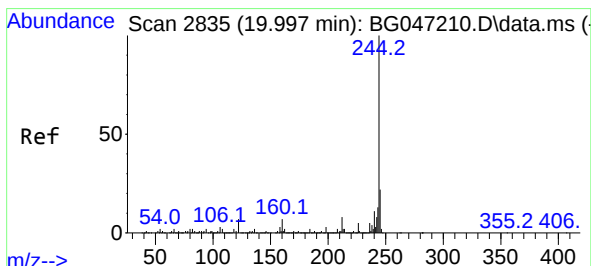
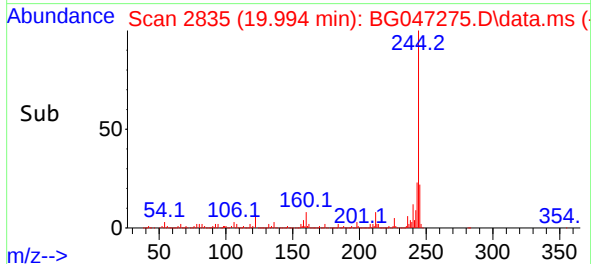
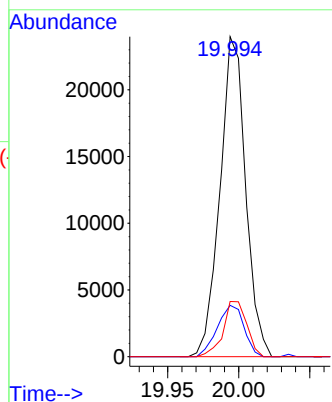
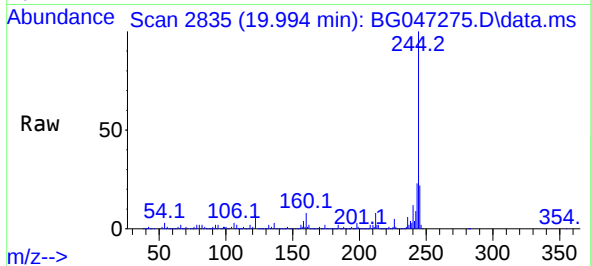




#77
Benzidine
Concen: 2.30 ng
RT: 19.994 min Scan# 2835
Delta R.T. 0.379 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

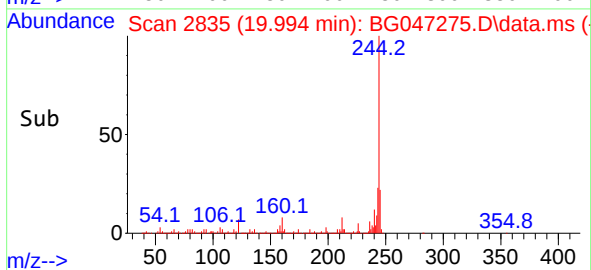
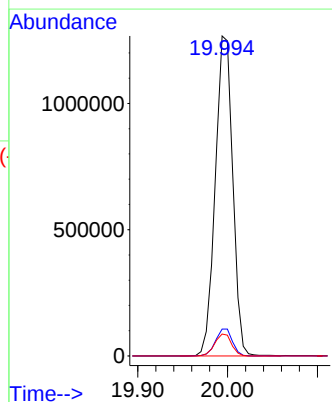
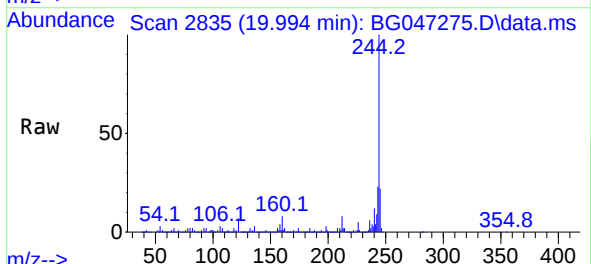
Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18

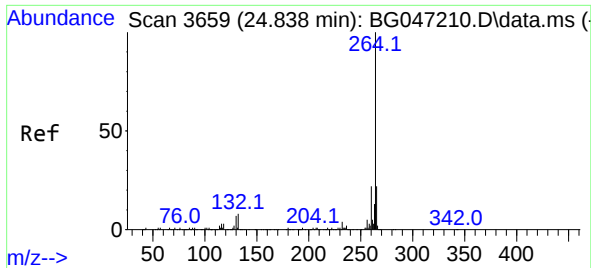
Tgt Ion:184 Resp: 30071
Ion Ratio Lower Upper
184 100
185 16.1 12.4 18.6
183 17.2 10.6 15.8#



#79
Terphenyl-d14
Concen: 77.21 ng
RT: 19.994 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

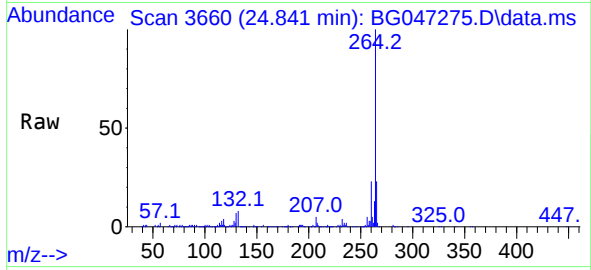
Tgt Ion:244 Resp: 1709624
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 6.9 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.841 min Scan# 3660
Delta R.T. 0.003 min
Lab File: BG047275.D
Acq: 10 Nov 2020 19:03

Instrument :
BNA_G
ClientSampleId :
PAV-B49-110520-10-18



Tgt Ion:264 Resp: 393421
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 22.7 17.8 26.8

